

APPENDIX D
Noise Modeling Data



Noise Modeling Data for the
Chino 2045 General Plan Update
Program Environmental Impact Report

Prepared for
City of Chino
Development Services Department
13220 Central Avenue
Chino, CA 91710

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Noise Measurements

Ambient noise levels were measured in the city of Chino (city) to provide a characterization of the variability of noise and to assist in determining constraints and opportunities for future development. Nine 15-minute, one 1-hour daytime noise level measurements were conducted throughout the city. Noise measurements were taken with one Larson-Davis LxT Type 1 Integrating Sound Level Meters, serial number 3896. The following parameters were used:

Filter: A-weighted
 Response: Slow
 Time History Period: 5 seconds
 Height of Instrument: 5 feet above ground level

Measurement locations are shown in Figure 1. A summary of the measurements is provided in Table 1. Based on the measurement data, daytime noise levels in the city are typical of an urban environment. Each measurement location and noise source observed during the measurements is discussed below.

Measurement	Location	Date	Time	L_{eq}
1	Chino Town Center, Philadelphia Street	February 7, 2025	12:23 p.m. – 12:38 p.m.	71.4
2	Central Plaza Shopping Center, Center Avenue	February 6, 2025	3:49 p.m. – 4:04 p.m.	71.7
3	Riverside Drive and Pipeline Avenue	February 7, 2025	1:04 p.m. – 1:19 p.m.	74.4
4	Euclid Avenue	February 6, 2025	1:30 p.m. – 1:45 p.m.	72.1
5	Edison Avenue	February 6, 2025	12:34 p.m. – 12:49 p.m.	--
6	Euclid Avenue and Pine Avenue	February 7, 2025	2:05 p.m. – 2:20 p.m.	68.8
7	Chino Promenade Shopping Center, Edison Avenue	February 7, 2025	9:08 a.m. – 9:23 a.m.	71.1
8	Railroad at intersection of Chino Avenue and Central Avenue	February 6, 2025	2:58 p.m. – 3:13 p.m.	73.2
9	Chino Airport, Kimball Avenue	February 6, 2025	11:47 a.m. – 12:02 p.m.	72.5

L_{eq} = one-hour equivalent noise level.

Measurement 1 was taken at the Chino Town Center south of Philadelphia Street. The measurement was located at the northern edge of the shopping center parking lot, approximately 11 feet from the edge of Philadelphia Street. The main source of noise at this measurement location was vehicle traffic on Philadelphia Street. Other sources of noise included parking lot activities. The average measured noise level was 71.4 A-weighted decibels [dB(A)] L_{eq} .

Measurement 2 was taken at the Central Plaza Shopping Center west of Central Avenue. The measurement was located at the eastern edge of the shopping center parking lot, approximately 10 feet from the edge of Central Avenue. The main source of noise at this measurement location was vehicle traffic on Central Avenue. Other sources of noise included parking lot activities. The average measured noise level was 71.7 dB(A) L_{eq} .

Measurement 3 was taken adjacent to a vacant lot north of Riverside Drive and west of Pipeline Avenue. The measurement was located at the property fence line approximately 11 feet from the

edge of Riverside Drive. The main source of noise at this measurement location was vehicle traffic on Riverside Drive and Pipeline Avenue. The average measured noise level was 74.4 dB(A) L_{eq} .

Measurement 4 was taken adjacent to an agricultural lot west of Euclid Avenue and north of Schaefer Avenue. The measurement was located at the property fence line approximately 14 feet from the edge of Euclid Avenue. The main source of noise at this measurement location was vehicle traffic on Euclid Avenue which included a large amount of truck traffic. The average measured noise level was 72.1 dB(A) L_{eq} .

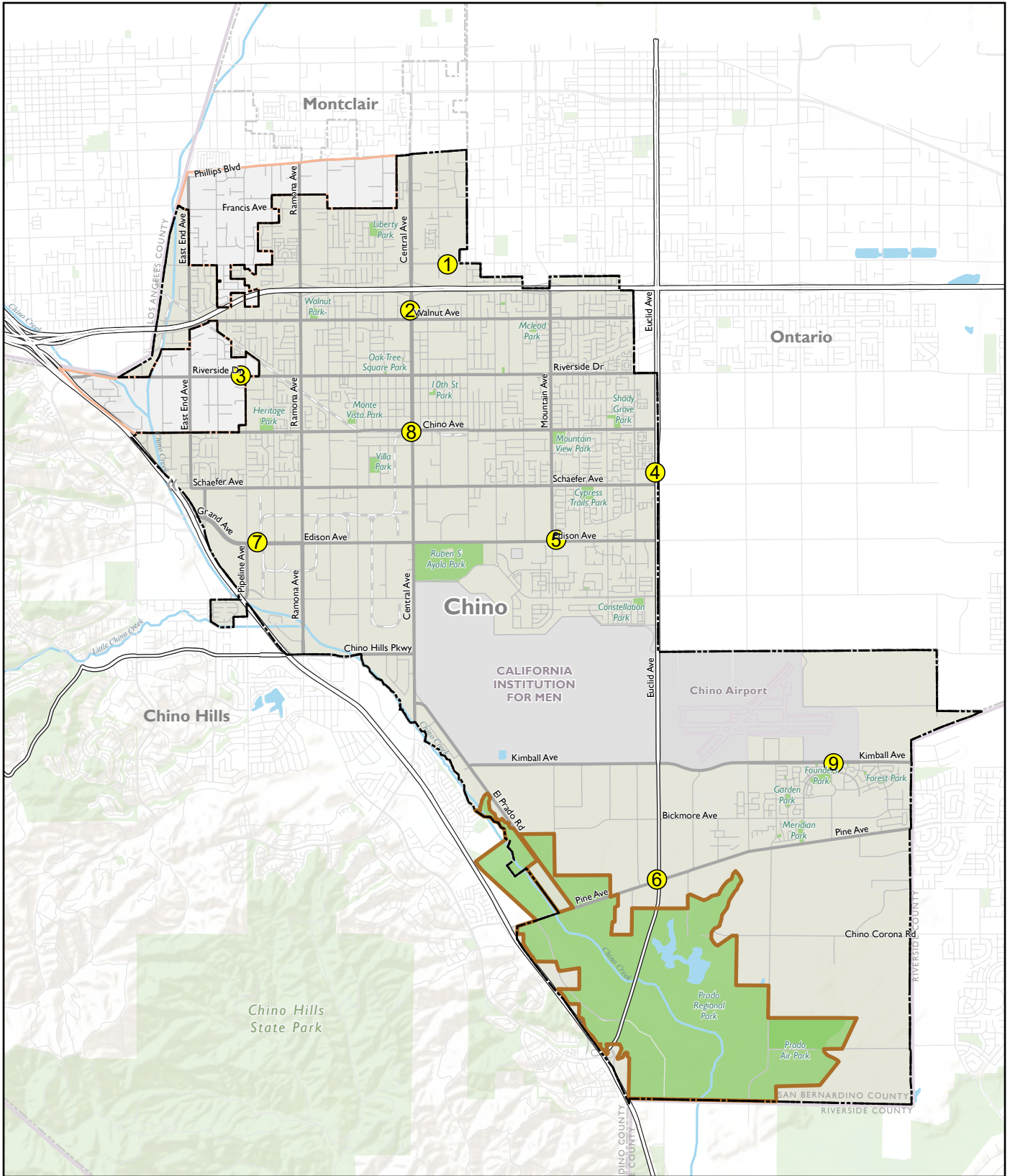
Measurement 5 was taken within a vacant lot north of Edison Avenue and east of Mountain Avenue, approximately 50 feet from Edison Avenue. During the measurement period, a significant amount of heavy truck traffic was observed. Measurement data at this location is invalid due to equipment error.

Measurement 6 was located adjacent to an undeveloped lot approximately 78 feet west of Euclid Avenue and 42 feet north of Pine Avenue. The main source of noise at this measurement location was vehicle traffic on Euclid Avenue and Pine Avenue which included a large amount of truck traffic. The average measured noise level was 68.8 dB(A) L_{eq} .

Measurement 7 was located at the Chino Promenade Shopping Center north of Edison Avenue and east of Pipeline Avenue. The measurement was located at the southern edge of the shopping center parking lot, approximately 14 feet from the edge of Edison Avenue. The main source of noise at this measurement location was vehicle traffic on Edison Avenue. Other sources of noise included parking lot activities. The average measured noise level was 71.1 dB(A) L_{eq} .

Measurement 8 was located near the railroad tracks at the intersection of Central Avenue and Chino Avenue. The measurement was located approximately 10 feet west of Central Avenue, 60 feet south of Chino Avenue, and 24 feet south of the railroad tracks. No trains were observed during the measurement period. The main source of noise at this measurement location was vehicle traffic on Central Avenue and Chino Avenue. The average measured noise level was 73.2 dB(A) L_{eq} .

Measurement 9 was located south of Chino Airport, approximately 38 feet south of Kimball Avenue. The main source of noise at this measurement location was vehicle traffic on Kimball Avenue. Other sources of noise included aircraft and nearby construction activities. The average measured noise level was 72.5 dB(A) L_{eq} .



- City of Chino
- Sphere of Influence
- Prado Regional Park
- Noise Measurement Location

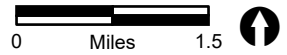


FIGURE 1
Noise Measurement Locations

Summary	
File Name on Meter	LxT_Data.018.s
File Name on PC	LxT_0003896-20250207 122301-LxT_Data.018.lbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 1 - Chino Town Center, Philadelphia Street
Job Description	Chino GPU
Note	The measurement was located at the northern edge of the shopping center parking lot, approximately 11 feet from the edge of Philadelphia Street. The main source of noise at this measurement location was vehicle traffic on Philadelphia Street. Other sources of noise included parking lot activities.

Measurement	
Description	
Start	2025-02-07 12:23:01
Stop	2025-02-07 12:38:04
Duration	00:15:03.3
Run Time	00:15:03.3
Pause	00:00:00.0
Pre-Calibration	2025-02-07 12:22:26
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLX11		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.2 dB		
	A	C	Z
Under Range Peak	100.2	97.2	102.2 dB
Under Range Limit	37.4	37.0	44.1 dB
Noise Floor	28.3	27.9	35.0 dB
Instrument Identification	First	Second	Third

Results			
LAeq	71.4 dB		
LAE	101.0 dB		
EA	1.385 mPa ² h		
EA8	44.172 mPa ² h		
EA40	220.862 mPa ² h		
LApk (max)	2025-02-07 12:36:11	99.9 dB	
LASmax	2025-02-07 12:36:11	83.8 dB	
LASmin	2025-02-07 12:29:24	54.1 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
LAS > 60.0 dB	11	762.3 s
LAS > 70.0 dB	27	418.9 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCeq	75.7 dB		
LAcq	71.4 dB		
LCeq - LAeq	4.3 dB		
LAleq	72.5 dB		
LAcq	71.4 dB		
LAleq - LAeq	1.1 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	71.4		75.7			
LS(max)	83.8	2025/02/07 12:36:11				
LS(min)	54.1	2025/02/07 12:29:24				
Lpk(max)	99.9	2025/02/07 12:36:11				

Overload Count	0		
Overload Duration	0.0 s		

Dose Settings		
Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results		
Dose	-99.94	0.00 %
Projected Dose	-99.94	0.10 %
TWA (Projected)	-99.9	40.0 dB
TWA (t)	-99.9	15.0 dB
Lep (t)	56.4	56.4 dB

Ln Percentiles	
LA 5.00	76.9 dB
LA 10.00	75.9 dB
LA 33.30	71.7 dB
LA 50.00	67.5 dB
LA 66.60	63.3 dB
LA 90.00	57.4 dB

Summary	
File Name on Meter	LxT_Data.010.s
File Name on PC	LxT_0003896-20250206 154902-LxT_Data.010.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 2 - Central Plaza Shopping Center, Central Avenue
Job Description	Chino GPU
Note	Measurement 2 was taken at the Central Plaza Shopping Center west of Central Avenue. The measurement was located at the eastern edge of the shopping center parking lot, approximately 10 feet from the edge of Central Avenue. The main source of noise at this measurement location was vehicle traffic on Central Avenue. Other sources of noise included parking lot activities.

Measurement	
Description	
Start	2025-02-06 15:49:02
Stop	2025-02-06 16:04:06
Duration	00:15:03.8
Run Time	00:15:03.8
Pause	00:00:00.0
Pre-Calibration	2025-02-06 15:48:36
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.2 dB		
	A	C	Z
Under Range Peak	100.2	97.2	102.2 dB
Under Range Limit	37.4	37.1	44.1 dB
Noise Floor	28.3	28.0	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
L _{Aeq}	71.7 dB		
L _{AE}	101.3 dB		
E _A	1.485 mPa ² h		
E _{A8}	47.331 mPa ² h		
E _{A40}	236.657 mPa ² h		
L _{Apk} (max)	2025-02-06 16:02:21	97.3 dB	
L _{ASmax}	2025-02-06 16:02:21	82.2 dB	
L _{ASmin}	2025-02-06 16:01:49	55.9 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
L _{AS} > 60.0 dB	4	879.0 s
L _{AS} > 70.0 dB	28	474.7 s
L _{Apk} > 135.0 dB	0	0.0 s
L _{Apk} > 137.0 dB	0	0.0 s
L _{Apk} > 140.0 dB	0	0.0 s

L _{Ceq}	78.9 dB
L _{Aeq}	71.7 dB
L _{Ceq} - L _{Aeq}	7.2 dB
L _{Alaq}	72.7 dB
L _{Aeq}	71.7 dB
L _{Alaq} - L _{Aeq}	1.0 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L _{eq}	71.7		78.9			
L _S (max)	82.2	2025/02/06 16:02:21				
L _S (min)	55.9	2025/02/06 16:01:49				
L _p (max)	97.3	2025/02/06 16:02:21				

Overload Count	0
Overload Duration	0.0 s

Dose Settings		
Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results		
Dose	-99.94	0.00 %
Projected Dose	-99.94	0.14 %
TWA (Projected)	-99.9	42.7 dB
TWA (t)	-99.9	17.7 dB
L _{ep} (t)	56.7	56.7 dB

Ln Percentiles	
LA 5.00	76.5 dB
LA 10.00	75.4 dB
LA 33.30	72.4 dB
LA 50.00	69.4 dB
LA 66.60	66.4 dB
LA 90.00	60.8 dB

Summary	
File Name on Meter	LxT_Data.019.s
File Name on PC	LxT_0003896-20250207 130400-LxT_Data.019.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 3 - Riverside Drive and Pipeline Avenue
Job Description	Chino GPU
Note	Measurement 3 was taken adjacent to a vacant lot north of Riverside Drive and west of Pipeline Avenue. The measurement was located at the property fence line approximately 11 feet from the edge of Riverside Drive. The main source of noise at this measurement location was vehicle traffic on Riverside Drive and Pipeline Avenue.

Measurement	
Description	
Start	2025-02-07 13:04:00
Stop	2025-02-07 13:19:03
Duration	00:15:02.8
Run Time	00:15:02.8
Pause	00:00:00.0
Pre-Calibration	2025-02-07 13:03:16
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLX1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.2 dB		
	A	C	Z
Under Range Peak	100.2	97.2	102.2 dB
Under Range Limit	37.4	37.1	44.1 dB
Noise Floor	28.3	27.9	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
L _{Aeq}	74.4 dB		
L _{AE}	104.0 dB		
E _A	2.763 mPa ² h		
E _{A8}	88.135 mPa ² h		
E _{A40}	440.677 mPa ² h		
L _{Apk} (max)	2025-02-07 13:12:38	115.1 dB	
L _{ASmax}	2025-02-07 13:12:38	97.4 dB	
L _{ASmin}	2025-02-07 13:13:06	51.6 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
L _{AS} > 60.0 dB	19	701.7 s
L _{AS} > 70.0 dB	25	299.1 s
L _{Apk} > 135.0 dB	0	0.0 s
L _{Apk} > 137.0 dB	0	0.0 s
L _{Apk} > 140.0 dB	0	0.0 s

L _{Ceq}	81.5 dB		
L _{Aeq}	74.4 dB		
L _{Ceq} - L _{Aeq}	7.1 dB		
L _{Alaq}	77.2 dB		
L _{Aeq}	74.4 dB		
L _{Alaq} - L _{Aeq}	2.8 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L _{eq}	74.4		81.5			
L _S (max)	97.4	2025/02/07 13:12:38				
L _S (min)	51.6	2025/02/07 13:13:06				
L _p (max)	115.1	2025/02/07 13:12:38				

Overload Count	0		
Overload Duration	0.0 s		

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	5	5 dB	
Threshold	90	80 dB	
Criterion Level	90	90 dB	
Criterion Duration	8	8 h	

Results			
Dose	0.03	0.05 %	
Projected Dose	0.90	1.63 %	
TWA (Projected)	56.0	60.3 dB	
TWA (t)	31.0	35.3 dB	
L _{ep} (t)	59.4	59.4 dB	

Ln Percentiles	
LA 5.00	77.0 dB
LA 10.00	75.1 dB
LA 33.30	68.8 dB
LA 50.00	65.1 dB
LA 66.60	61.4 dB
LA 90.00	56.7 dB

Summary	
File Name on Meter	LxT_Data.008.s
File Name on PC	LxT_0003896-20250206 133005-LxT_Data.008.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 4 - Euclid Avenue
Job Description	Chino GPU
Note	Measurement 4 was taken adjacent to an agricultural lot west of Euclid Avenue and north of Schaefer Avenue. The measurement was located at the property fence line approximately 14 feet from the edge of Euclid Avenue. The main source of noise at this measurement location was vehicle traffic on Euclid Avenue which included a large amount of truck traffic.

Measurement	
Description	
Start	2025-02-06 13:30:05
Stop	2025-02-06 13:45:07
Duration	00:15:02.6
Run Time	00:15:02.6
Pause	00:00:00.0
Pre-Calibration	2025-02-06 13:29:35
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLX1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.2 dB		
	A	C	Z
Under Range Peak	100.2	97.2	102.2 dB
Under Range Limit	37.4	37.1	44.1 dB
Noise Floor	28.3	27.9	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
L _{Aeq}	72.1 dB		
L _{AE}	101.7 dB		
E _A	1.626 mPa ² h		
E _{A8}	51.898 mPa ² h		
E _{A40}	259.490 mPa ² h		
L _{Apk} (max)	2025-02-06 13:30:16	103.8 dB	
L _{ASmax}	2025-02-06 13:38:56	86.1 dB	
L _{ASmin}	2025-02-06 13:34:27	50.8 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
L _{AS} > 60.0 dB	14	799.3 s
L _{AS} > 70.0 dB	35	419.8 s
L _{Apk} > 135.0 dB	0	0.0 s
L _{Apk} > 137.0 dB	0	0.0 s
L _{Apk} > 140.0 dB	0	0.0 s

L _{Ceq}	80.0 dB		
L _{Aeq}	72.1 dB		
L _{Ceq} - L _{Aeq}	7.9 dB		
L _{Alaq}	73.8 dB		
L _{Aeq}	72.1 dB		
L _{Alaq} - L _{Aeq}	1.7 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L _{eq}	72.1		80.0			
L _S (max)	86.1	2025/02/06 13:38:56				
L _S (min)	50.8	2025/02/06 13:34:27				
L _p (max)	103.8	2025/02/06 13:30:16				

Overload Count	0		
Overload Duration	0.0 s		

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	5	5 dB	
Threshold	90	80 dB	
Criterion Level	90	90 dB	
Criterion Duration	8	8 h	

Results			
Dose	-99.94	0.01 %	
Projected Dose	-99.94	0.44 %	
TWA (Projected)	-99.9	50.8 dB	
TWA (t)	-99.9	25.8 dB	
L _{ep} (t)	57.1	57.1 dB	

Ln Percentiles	
LA 5.00	78.1 dB
LA 10.00	76.5 dB
LA 33.30	71.3 dB
LA 50.00	68.2 dB
LA 66.60	65.1 dB
LA 90.00	57.7 dB

Summary	
File Name on Meter	LxT_Data.007.s
File Name on PC	LxT_0003896-20250206 123356-LxT_Data.007.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 5 - Edison Avenue and Mountain Avenue
Job Description	Chino GPU
Note	Measurement 5 was taken within a vacant lot north of Edison Avenue and east of Mountain Avenue, approximately 50 feet from Edison Avenue. During the measurement period, a significant amount of heavy truck traffic was observed. Measurement data at this location is invalid due to equipment error.

Measurement	
Description	
Start	2025-02-06 12:33:56
Stop	2025-02-06 12:49:07
Duration	00:15:10.5
Run Time	00:15:10.5
Pause	00:00:00.0
Pre-Calibration	2025-02-06 12:30:33
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLX1
Microphone Correction	Off
Integration Method	Linear
Overload	144.2 dB
	A C Z
Under Range Peak	100.2 97.2 102.2 dB
Under Range Limit	37.4 37.1 44.1 dB
Noise Floor	28.3 27.9 35.0 dB
	First Second Third
Instrument Identification	

Results	
LAeq	89.6 dB
LAE	119.2 dB
EA	92.265 mPa ² h
EA8	2.918 Pa ² h
EA40	14.592 Pa ² h
LApk (max)	2025-02-06 12:33:57 103.5 dB
LASmax	2025-02-06 12:33:57 98.6 dB
LASmin	2025-02-06 12:41:47 88.8 dB
SEA	-99.9 dB

	Exceedance Counts	Duration
LAS > 60.0 dB	1	910.4 s
LAS > 70.0 dB	1	910.4 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCeq	115.6 dB
LAeq	89.6 dB
LCeq - LAeq	26.0 dB
LAleq	89.7 dB
LAeq	89.6 dB
LAleq - LAeq	0.1 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	89.6		115.6			
LS(max)	98.6	2025/02/06 12:33:57				
LS(min)	88.8	2025/02/06 12:41:47				
Lpk(max)	103.5	2025/02/06 12:33:57				

Overload Count	0
Overload Duration	0.0 s

Dose Settings	
Dose Name	OSHA-1 OSHA-2
Exchange Rate	5 5 dB
Threshold	90 80 dB
Criterion Level	90 90 dB
Criterion Duration	8 8 h

Results	
Dose	0.49 2.95 %
Projected Dose	15.60 93.30 %
TWA (Projected)	76.6 89.5 dB
TWA (t)	51.7 64.6 dB
Lep (t)	74.6 74.6 dB

Ln Percentiles	
LA 5.00	90.4 dB
LA 10.00	90.1 dB
LA 33.30	89.5 dB
LA 50.00	89.4 dB
LA 66.60	89.2 dB
LA 90.00	89.1 dB

Summary	
File Name on Meter	LxT_Data.020.s
File Name on PC	LxT_0003896-20250207 140452-LxT_Data.020.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 6 - Euclid Avenue and Pine Avenue
Job Description	Chino GPU
Note	Measurement 6 was located adjacent to an undeveloped lot approximately 78 feet west of Euclid Avenue and 42 feet north of Pine Avenue. The main source of noise at this measurement location was vehicle traffic on Euclid Avenue and Pine Avenue which included a large amount of truck traffic.

Measurement	
Description	
Start	2025-02-07 14:04:52
Stop	2025-02-07 14:20:04
Duration	00:15:11.5
Run Time	00:15:11.5
Pause	00:00:00.0
Pre-Calibration	2025-02-07 14:02:38
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.2 dB		
	A	C	Z
Under Range Peak	100.2	97.2	102.2 dB
Under Range Limit	37.4	37.1	44.1 dB
Noise Floor	28.3	27.9	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
LAeq	68.8 dB		
LAE	98.4 dB		
EA	768.271 µPa²h		
EA8	24.274 mPa²h		
EA40	121.372 mPa²h		
LApk (max)	2025-02-07 14:09:48	104.9 dB	
LASmax	2025-02-07 14:09:49	88.2 dB	
LASmin	2025-02-07 14:13:23	53.8 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
LAS > 60.0 dB	6	863.1 s
LAS > 70.0 dB	23	165.6 s
LApk > 135.0 dB	0	0.0 s
LApk > 137.0 dB	0	0.0 s
LApk > 140.0 dB	0	0.0 s

LCeq	77.8 dB		
LAeq	68.8 dB		
LCeq - LAeq	9.0 dB		
LAleq	70.1 dB		
LAeq	68.8 dB		
LAleq - LAeq	1.3 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	68.8		77.8			
LS(max)	88.2	2025/02/07 14:09:49				
LS(min)	53.8	2025/02/07 14:13:23				
Lpk(max)	104.9	2025/02/07 14:09:48				

Overload Count	0		
Overload Duration	0.0 s		

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	5	5 dB	
Threshold	90	80 dB	
Criterion Level	90	90 dB	
Criterion Duration	8	8 h	

Results			
Dose	-99.94	0.01 %	
Projected Dose	-99.94	0.35 %	
TWA (Projected)	-99.9	49.3 dB	
TWA (t)	-99.9	24.4 dB	
Lep (t)	53.8	53.8 dB	

Ln Percentiles	
LA 5.00	72.8 dB
LA 10.00	71.1 dB
LA 33.30	66.6 dB
LA 50.00	64.6 dB
LA 66.60	63.1 dB
LA 90.00	59.8 dB

Summary	
File Name on Meter	LxT_Data.012.s
File Name on PC	LxT_0003896-20250207 090724-LxT_Data.012.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 7 - Chino Promenade, Edison Avenue
Job Description	Chino GPU
Note	Measurement 7 was located at the Chino Promenade Shopping Center north of Edison Avenue and east of Pipeline Avenue. The measurement was located at the southern edge of the shopping center parking lot, approximately 14 feet from the edge of Edison Avenue. The main source of noise at this measurement location was vehicle traffic on Edison Avenue. Other sources of noise included parking lot activities.

Measurement	
Description	
Start	2025-02-07 09:07:24
Stop	2025-02-07 09:22:31
Duration	00:15:07.2
Run Time	00:15:07.2
Pause	00:00:00.0
Pre-Calibration	2025-02-07 09:06:34
Post-Calibration	None
Calibration Deviation	---

Overall Settings	
RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamplifier	PRMLxT1
Microphone Correction	Off
Integration Method	Linear
Overload	144.3 dB
	A C Z
Under Range Peak	100.2 97.2 102.2 dB
Under Range Limit	37.5 37.1 44.2 dB
Noise Floor	28.3 28.0 35.0 dB
	First Second Third

Instrument Identification

Results	
L _{Aeq}	71.1 dB
L _{AE}	100.7 dB
EA	1.299 mPa ² h
EA ₈	41.224 mPa ² h
EA ₄₀	206.120 mPa ² h
L _{Apk} (max)	2025-02-07 09:20:28 98.0 dB
L _{ASmax}	2025-02-07 09:14:02 80.0 dB
L _{ASmin}	2025-02-07 09:16:40 53.5 dB
SEA	-99.9 dB

Exceedance Counts	Duration
L _{AS} > 60.0 dB	11 813.7 s
L _{AS} > 70.0 dB	44 440.2 s
L _{Apk} > 135.0 dB	0 0.0 s
L _{Apk} > 137.0 dB	0 0.0 s
L _{Apk} > 140.0 dB	0 0.0 s

L _{Ceq}	76.2 dB
L _{Aeq}	71.1 dB
L _{Ceq} - L _{Aeq}	5.1 dB
L _{A1eq}	72.1 dB
L _{Aeq}	71.1 dB
L _{A1eq} - L _{Aeq}	1.0 dB

A		C		Z	
dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
Leq	71.1	76.2			
L _S (max)	80.0	2025/02/07 9:14:02			
L _S (min)	53.5	2025/02/07 9:16:40			
L _{pk} (max)	98.0	2025/02/07 9:20:28			

Overload Count	0
Overload Duration	0.0 s

Dose Settings	
Dose Name	OSHA-1 OSHA-2
Exchange Rate	5 5 dB
Threshold	90 80 dB
Criterion Level	90 90 dB
Criterion Duration	8 8 h

Results	
Dose	-99.94 0.00 %
Projected Dose	-99.94 0.01 %
TWA (Projected)	-99.9 19.3 dB
TWA (t)	-99.9 -5.6 dB
Lep (t)	56.1 56.1 dB

Ln Percentiles	
LA 5.00	76.7 dB
LA 10.00	75.1 dB
LA 33.30	71.1 dB
LA 50.00	68.4 dB
LA 66.60	65.1 dB
LA 90.00	58.6 dB

Summary	
File Name on Meter	LxT_Data.009.s
File Name on PC	LxT_0003896-20250206 145731-LxT_Data.009.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 8 - Railroad, Chino Avenue, Central Avenue
Job Description	Chino GPU
Note	Measurement 8 was located near the railroad tracks at the intersection of Central Avenue and Chino Avenue. The measurement was located approximately 10 feet west of Central Avenue, 60 feet south of Chino Avenue, and 24 feet south of the railroad tracks. No trains were observed during the measurement period. The main source of noise at this measurement location was vehicle traffic on Central Avenue and Chino Avenue.

Measurement	
Description	
Start	2025-02-06 14:57:31
Stop	2025-02-06 15:12:35
Duration	00:15:04.8
Run Time	00:15:04.8
Pause	00:00:00.0
Pre-Calibration	2025-02-06 14:56:40
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.3 dB		
	A	C	Z
Under Range Peak	100.3	97.3	102.3 dB
Under Range Limit	37.5	37.1	44.2 dB
Noise Floor	28.3	28.0	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
L _{Aeq}	73.2 dB		
L _{AE}	102.8 dB		
E _A	2,100 mPa ² h		
E _{A8}	66.857 mPa ² h		
E _{A40}	334.287 mPa ² h		
L _{Apk} (max)	2025-02-06 15:09:13	107.5 dB	
L _{ASmax}	2025-02-06 15:09:13	86.7 dB	
L _{ASmin}	2025-02-06 15:04:38	55.0 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
L _{AS} > 60.0 dB	3	884.7 s
L _{AS} > 70.0 dB	27	538.7 s
L _{Apk} > 135.0 dB	0	0.0 s
L _{Apk} > 137.0 dB	0	0.0 s
L _{Apk} > 140.0 dB	0	0.0 s

L _{Ceq}	80.6 dB
L _{Aeq}	73.2 dB
L _{Ceq} - L _{Aeq}	7.4 dB
L _{A1eq}	77.1 dB
L _{Aeq}	73.2 dB
L _{A1eq} - L _{Aeq}	3.9 dB

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L _{eq}	73.2		80.6			
L _{S(max)}	86.7	2025/02/06 15:09:13				
L _{S(min)}	55.0	2025/02/06 15:04:38				
L _{pk(max)}	107.5	2025/02/06 15:09:13				

Overload Count	0
Overload Duration	0.0 s

Dose Settings		
Dose Name	OSHA-1	OSHA-2
Exchange Rate	5	5 dB
Threshold	90	80 dB
Criterion Level	90	90 dB
Criterion Duration	8	8 h

Results		
Dose	-99.94	0.02 %
Projected Dose	-99.94	0.49 %
TWA (Projected)	-99.9	51.7 dB
TWA (t)	-99.9	26.7 dB
L _{ep} (t)	58.2	58.2 dB

Ln Percentiles	
LA 5.00	78.1 dB
LA 10.00	77.0 dB
LA 33.30	73.6 dB
LA 50.00	70.3 dB
LA 66.60	67.2 dB
LA 90.00	62.8 dB

Summary	
File Name on Meter	LxT_Data.006.s
File Name on PC	LxT_0003896-20250206 114612-LxT_Data.006.ldbin
Serial Number	0003896
Model	SoundTrack LxT®
Firmware Version	2.404
User	
Location	Site 9 - Chino Airport, Kimball Avenue
Job Description	Chino GPU
Note	Measurement 9 was located south of the Chino Airport, approximately 38 feet south of Kimball Avenue. The main source of noise at this measurement location was vehicle traffic on Kimball Avenue. Other sources of noise included aircraft and nearby construction activities.

Measurement	
Description	
Start	2025-02-06 11:46:12
Stop	2025-02-06 12:01:35
Duration	00:15:22.8
Run Time	00:15:22.8
Pause	00:00:00.0
Pre-Calibration	2025-02-06 11:45:33
Post-Calibration	None
Calibration Deviation	---

Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamplifier	PRMLxT1		
Microphone Correction	Off		
Integration Method	Linear		
Overload	144.3 dB		
	A	C	Z
Under Range Peak	100.3	97.3	102.3 dB
Under Range Limit	37.5	37.1	44.2 dB
Noise Floor	28.3	28.0	35.0 dB
	First	Second	Third
Instrument Identification			

Results			
L _{Aeq}	72.5 dB		
L _{AE}	102.2 dB		
E _A	1.823 mPa ² h		
E _{A8}	56.905 mPa ² h		
E _{A40}	284.525 mPa ² h		
L _{Apk} (max)	2025-02-06 11:52:55	92.2 dB	
L _{ASmax}	2025-02-06 11:51:40	77.6 dB	
L _{ASmin}	2025-02-06 11:47:21	72.0 dB	
SEA	-99.9 dB		

	Exceedance Counts	Duration
L _{AS} > 60.0 dB	1	922.7 s
L _{AS} > 70.0 dB	1	922.7 s
L _{Apk} > 135.0 dB	0	0.0 s
L _{Apk} > 137.0 dB	0	0.0 s
L _{Apk} > 140.0 dB	0	0.0 s

L _{Ceq}	83.9 dB		
L _{Aeq}	72.5 dB		
L _{Ceq} - L _{Aeq}	11.4 dB		
L _{LAeq}	72.8 dB		
L _{Aeq}	72.5 dB		
L _{LAeq} - L _{Aeq}	0.3 dB		

	A		C		Z	
	dB	Time Stamp	dB	Time Stamp	dB	Time Stamp
L _{eq}	72.5		83.9			
L _{S(max)}	77.6	2025/02/06 11:51:40				
L _{S(min)}	72.0	2025/02/06 11:47:21				
L _{pk(max)}	92.2	2025/02/06 11:52:55				

Overload Count	0		
Overload Duration	0.0 s		

Dose Settings			
Dose Name	OSHA-1	OSHA-2	
Exchange Rate	5	5 dB	
Threshold	90	80 dB	
Criterion Level	90	90 dB	
Criterion Duration	8	8 h	

Results			
Dose	-99.94	-99.94	%
Projected Dose	-99.94	-99.94	%
TWA (Projected)	-99.9	-99.0	dB
TWA (t)	-99.9	-99.0	dB
L _{ep} (t)	57.6	57.6	dB

Ln Percentiles	
LA 5.00	73.4 dB
LA 10.00	73.0 dB
LA 33.30	72.4 dB
LA 50.00	72.3 dB
LA 66.60	72.2 dB
LA 90.00	72.2 dB

FHWA RD-77-108 - Existing Vehicle Traffic Noise Contours

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Existing 2024 - Freeways

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	SR-71	South of City Boundary	117,919	65	100	88.90	2.42	8.68	80.00	10.00	10.00	
2	SR-71	Southern City Boundary to Euclid Avenue	117,920	65	100	95.28	1.02	3.70	80.00	10.00	10.00	
3	SR-71	Euclid Avenue to Pine Avenue	89,649	65	100	94.80	1.09	4.11	80.00	10.00	10.00	
4	SR-71	Pine Avenue to Central Avenue	99,965	65	100	95.23	1.01	3.76	80.00	10.00	10.00	
5	SR-71	Central Avenue to Chino Hills Parkway	113,997	65	100	95.56	0.93	3.51	80.00	10.00	10.00	
6	SR-71	Chino Hills Parkway to Grand Avenue	128,610	65	100	95.98	0.81	3.21	80.00	10.00	10.00	
7	SR-71	Grand Avenue to Chino Avenue	114,691	65	100	97.50	0.47	2.03	80.00	10.00	10.00	
8	SR-71	Chino Avenue to Riverside Drive	161,448	65	100	95.55	0.83	3.62	80.00	10.00	10.00	
9	SR-71	Riverside Drive to SR-60	91,940	65	100	95.36	0.95	3.69	80.00	10.00	10.00	
10	SR-71	North of SR-60	79,978	65	100	94.04	1.13	4.83	80.00	10.00	10.00	
11	SR-60	SR-71 to Reservoir Street	225,338	65	100	90.37	1.36	8.27	80.00	10.00	10.00	
12	SR-60	Reservoir Street to Ramona Avenue	263,843	65	100	91.84	1.16	7.00	80.00	10.00	10.00	
13	SR-60	Ramona Avenue to Central Avenue	270,644	65	100	91.77	1.18	7.05	80.00	10.00	10.00	
14	SR-60	Central Avenue to Mountain Avenue	270,040	65	100	91.64	1.21	7.15	80.00	10.00	10.00	
15	SR-60	Mountain Avenue to Euclid Avenue	272,277	65	100	91.60	1.22	7.18	80.00	10.00	10.00	
16	SR-60	East of Euclid Avenue	264,981	65	100	91.43	1.25	7.32	80.00	10.00	10.00	

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Existing 2024 - Freeways
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	SR-71	South of City Boundary	79.0	69.5	78.6	82	297	641	1,380	2,974	6,407	13,804
2	SR-71	Southern City Boundary to Euclid Avenue	79.3	65.8	74.9	81	244	525	1,131	2,436	5,248	11,307
3	SR-71	Euclid Avenue to Pine Avenue	78.1	64.9	74.1	80	206	443	955	2,057	4,433	9,550
4	SR-71	Pine Avenue to Central Avenue	78.6	65.0	74.2	80	219	471	1,015	2,188	4,713	10,155
5	SR-71	Central Avenue to Chino Hills Parkway	79.2	65.2	74.5	81	236	509	1,096	2,362	5,089	10,965
6	SR-71	Chino Hills Parkway to Grand Avenue	79.8	65.2	74.6	81	251	541	1,166	2,512	5,412	11,659
7	SR-71	Grand Avenue to Chino Avenue	79.3	62.3	72.1	80	222	479	1,031	2,222	4,786	10,312
8	SR-71	Chino Avenue to Riverside Drive	80.7	66.3	76.1	82	297	641	1,380	2,974	6,407	13,804
9	SR-71	Riverside Drive to SR-60	78.3	64.4	73.8	80	206	443	955	2,057	4,433	9,550
10	SR-71	North of SR-60	77.6	64.5	74.3	79	196	423	912	1,965	4,233	9,120
11	SR-60	SR-71 to Reservoir Street	81.9	69.8	81.2	85	443	955	2,057	4,433	9,550	20,575
12	SR-60	Reservoir Street to Ramona Avenue	82.7	69.8	81.1	85	471	1,015	2,188	4,713	10,155	21,878
13	SR-60	Ramona Avenue to Central Avenue	82.8	70.0	81.3	85	479	1,031	2,222	4,786	10,312	22,216
14	SR-60	Central Avenue to Mountain Avenue	82.8	70.1	81.3	85	479	1,031	2,222	4,786	10,312	22,216
15	SR-60	Mountain Avenue to Euclid Avenue	82.8	70.2	81.4	85	486	1,047	2,256	4,860	10,471	22,560
16	SR-60	East of Euclid Avenue	82.7	70.2	81.3	85	479	1,031	2,222	4,786	10,312	22,216

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Existing 2024 - Roadways

Surface Refelction: CNEL
Assessment Metric: Hard
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
17	Phillips Boulevard	West of Ramona Avenue	8,774	31	44	98.10	0.71	1.19	80.00	10.00	10.00	
18	Phillips Boulevard	Ramona Avenue to Central Avenue	4,539	35	44	98.90	0.42	0.68	80.00	10.00	10.00	
19	Phillips Boulevard	Central Avenue to Mountain Avenue	574	28	44	99.31	0.35	0.34	80.00	10.00	10.00	
20	Francis Avenue	West of Ramona Avenue	7,602	34	44	98.96	0.39	0.65	80.00	10.00	10.00	
21	Francis Avenue	Ramona Avenue to Central Avenue	5,795	35	44	98.95	0.41	0.64	80.00	10.00	10.00	
22	Francis Avenue	Central Avenue to Mountain Avenue	10,318	36	44	98.88	0.47	0.65	80.00	10.00	10.00	
23	Philadelphia Street	West of City Boundary	5,695	33	44	98.49	0.49	1.02	80.00	10.00	10.00	
24	Philadelphia Street	City Boundary to Ramona Avenue	13,334	35	44	96.27	0.94	2.79	80.00	10.00	10.00	
25	Philadelphia Street	Ramona Avenue to Central Avenue	17,454	36	44	98.13	0.66	1.21	80.00	10.00	10.00	
26	Philadelphia Street	Central Avenue to Mountain Avenue	20,259	36	60	98.48	0.55	0.97	80.00	10.00	10.00	
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	12,085	34	60	98.58	0.56	0.86	80.00	10.00	10.00	
28	Riverside Drive	SR-71 to Ramona Avenue	22,813	39	60	96.96	0.99	2.05	80.00	10.00	10.00	
29	Riverside Drive	Ramona Avenue to Central Avenue	9,399	32	60	98.79	0.46	0.75	80.00	10.00	10.00	
30	Riverside Drive	Central Avenue to Mountain Avenue	19,861	38	60	98.30	0.51	1.19	80.00	10.00	10.00	
31	Riverside Drive	Mountain Avenue to Euclid Avenue	25,123	46	60	95.05	1.20	3.75	80.00	10.00	10.00	
32	Riverside Drive	East of Euclid Avenue	18,065	36	60	95.64	1.13	3.23	80.00	10.00	10.00	
33	Chino Avenue	SR-71 to Central Avenue	16,645	38	60	95.40	0.94	3.66	80.00	10.00	10.00	
34	Chino Avenue	Central Avenue to Mountain Avenue	8,575	33	44	98.19	0.63	1.18	80.00	10.00	10.00	
35	Chino Avenue	Mountain Avenue to Euclid Avenue	6,189	38	44	97.99	0.76	1.25	80.00	10.00	10.00	
36	Chino Avenue	East of Euclid Avenue	8,762	37	44	95.66	1.29	3.05	80.00	10.00	10.00	
37	Schaefer Avenue	West of Ramona Avenue	13,194	38	49	97.58	0.72	1.70	80.00	10.00	10.00	
38	Schaefer Avenue	Ramona Avenue to Central Avenue	23,956	36	49	94.83	1.69	3.48	80.00	10.00	10.00	
39	Schaefer Avenue	Central Avenue to Mountain Avenue	17,576	39	60	95.00	1.63	3.37	80.00	10.00	10.00	
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	12,670	40	49	94.84	1.67	3.49	80.00	10.00	10.00	
41	Schaefer Avenue	East of Euclid Avenue	1,790	38	49	97.55	0.78	1.67	80.00	10.00	10.00	
42	Edison Avenue	SR-71 to Ramona Avenue	41,961	41	60	91.14	1.71	7.15	80.00	10.00	10.00	
43	Edison Avenue	Ramona Avenue to Central Avenue	33,314	36	60	91.85	1.84	6.31	80.00	10.00	10.00	
44	Edison Avenue	Central Avenue to Mountain Avenue	36,827	41	60	93.89	1.55	4.56	80.00	10.00	10.00	
45	Edison Avenue	Mountain Avenue to Euclid Avenue	25,124	47	60	94.71	1.44	3.85	80.00	10.00	10.00	
46	Edison Avenue	East of Euclid Avenue	23,034	43	60	94.63	1.42	3.95	80.00	10.00	10.00	
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	6,735	37	49	95.24	1.40	3.36	80.00	10.00	10.00	
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	3,762	38	44	88.12	3.83	8.05	80.00	10.00	10.00	
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	1,960	31	49	95.20	1.43	3.37	80.00	10.00	10.00	

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	4,593	40	49	97.15	0.89	1.96	80.00	10.00	10.00
51	Eucalyptus Avenue	East of Euclid Avenue	2,523	42	49	92.98	1.43	5.59	80.00	10.00	10.00
52	Chino Hills Parkway	SR-71 to Central Avenue	23,747	33	60	95.97	1.06	2.97	80.00	10.00	10.00
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	8,718	36	44	94.24	1.62	4.14	80.00	10.00	10.00
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	8,355	38	44	93.77	1.69	4.54	80.00	10.00	10.00
55	Kimball Avenue	El Prado Road to Euclid Avenue	25,952	45	44	95.48	1.12	3.40	80.00	10.00	10.00
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	16,581	40	49	94.57	1.23	4.20	80.00	10.00	10.00
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	6,428	40	30	94.21	1.35	4.44	80.00	10.00	10.00
58	Pine Avenue	SR-71 to Euclid Avenue	19,199	42	49	94.47	1.60	3.93	80.00	10.00	10.00
59	Pine Avenue	Euclid Avenue to Hellman Avenue	17,949	41	60	94.96	1.49	3.55	80.00	10.00	10.00
60	Pine Avenue	Hellman Avenue to Archibald Avenue	27,405	41	60	96.18	1.20	2.62	80.00	10.00	10.00
61	El Prado Road	Central Avenue to Pine Avenue	1,392	42	44	91.51	2.16	6.33	80.00	10.00	10.00
62	East End Avenue	North of Walnut Avenue	21,285	33	44	95.58	1.24	3.18	80.00	10.00	10.00
63	East End Avenue	Walnut Avenue to Riverside Drive	21,545	35	44	96.76	1.06	2.18	80.00	10.00	10.00
64	East End Avenue	Riverside Drive to Chino Avenue	15,235	35	44	97.35	0.84	1.81	80.00	10.00	10.00
65	East End Avenue	Chino Avenue to Schaefer Avenue	14,692	36	44	97.12	0.88	2.00	80.00	10.00	10.00
66	Pipeline Avenue	North of Walnut Avenue	5,819	25	44	98.45	0.55	1.00	80.00	10.00	10.00
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	15,268	34	44	97.48	0.82	1.70	80.00	10.00	10.00
68	Pipeline Avenue	Riverside Drive to Chino Avenue	16,179	35	44	97.00	1.04	1.96	80.00	10.00	10.00
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	15,718	38	44	96.51	1.22	2.27	80.00	10.00	10.00
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	11,706	37	44	97.98	0.72	1.30	80.00	10.00	10.00
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	28,902	33	44	97.46	0.81	1.73	80.00	10.00	10.00
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	26,415	38	44	98.04	0.68	1.28	80.00	10.00	10.00
73	Ramona Avenue	North of SR-60	15,901	34	49	96.22	0.96	2.82	80.00	10.00	10.00
74	Ramona Avenue	SR-60 to Riverside Drive	15,949	31	49	91.00	1.72	7.28	80.00	10.00	10.00
75	Ramona Avenue	Riverside Drive to Chino Avenue	25,759	37	49	93.58	1.42	5.00	80.00	10.00	10.00
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	22,223	38	49	93.06	1.50	5.44	80.00	10.00	10.00
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	15,519	38	49	94.49	1.32	4.19	80.00	10.00	10.00
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	9,182	34	60	92.12	1.84	6.04	80.00	10.00	10.00
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	20,417	35	60	94.27	1.53	4.20	80.00	10.00	10.00
80	Ramona Avenue	South of Chino Hills Parkway	14,459	35	60	95.20	1.15	3.65	80.00	10.00	10.00
81	Monte Vista Avenue	North of Walnut Avenue	14,137	35	44	98.09	0.64	1.27	80.00	10.00	10.00
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	11,410	33	44	97.19	0.89	1.92	80.00	10.00	10.00
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	5,391	41	44	93.80	1.73	4.47	80.00	10.00	10.00
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	5,135	32	44	96.93	0.99	2.08	80.00	10.00	10.00
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	8,824	37	44	96.20	1.27	2.53	80.00	10.00	10.00
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	13,075	38	44	94.75	1.71	3.54	80.00	10.00	10.00
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	5,154	37	44	95.26	1.71	3.03	80.00	10.00	10.00
88	Benson Avenue	North of Philadelphia Street	8,102	37	44	98.21	0.62	1.17	80.00	10.00	10.00
89	Benson Avenue	Philadelphia Street to Walnut Avenue	15,700	28	44	98.65	0.52	0.83	80.00	10.00	10.00
90	Benson Avenue	Walnut Avenue to Riverside Drive	8,476	31	44	98.14	0.70	1.16	80.00	10.00	10.00
91	Benson Avenue	Riverside Drive to Chino Avenue	9,739	33	44	96.57	0.99	2.44	80.00	10.00	10.00
92	Benson Avenue	Chino Avenue to Schaefer Avenue	8,174	38	44	98.04	0.71	1.25	80.00	10.00	10.00
93	Benson Avenue	South of Schaefer Avenue	0	0	44		0.00	0.00	80.00	10.00	10.00
94	Central Avenue	North of Philadelphia Street	49,067	41	60	97.16	0.80	2.04	80.00	10.00	10.00
95	Central Avenue	Philadelphia Street to SR-60	50,877	30	60	96.51	0.86	2.63	80.00	10.00	10.00
96	Central Avenue	SR-60 to Walnut Avenue	52,990	26	60	96.04	0.89	3.07	80.00	10.00	10.00
97	Central Avenue	Walnut Avenue to Riverside Drive	28,415	30	60	94.47	1.21	4.32	80.00	10.00	10.00
98	Central Avenue	Riverside Drive to Chino Avenue	28,040	32	60	94.66	1.18	4.16	80.00	10.00	10.00
99	Central Avenue	Chino Avenue to Schaefer Avenue	25,938	38	60	94.44	1.29	4.27	80.00	10.00	10.00
100	Central Avenue	Schaefer Avenue to Edison Avenue	22,723	38	60	93.95	1.43	4.62	80.00	10.00	10.00
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	28,365	35	60	94.56	1.33	4.11	80.00	10.00	10.00
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	28,918	38	60	95.09	1.26	3.65	80.00	10.00	10.00
103	Central Avenue	Chino Hills Parkway to El Prado Road	34,005	40	60	95.12	1.30	3.58	80.00	10.00	10.00
104	Central Avenue	El Prado Road to SR-71	43,781	41	60	94.55	1.17	4.28	80.00	10.00	10.00

105	Mountain Avenue	North of SR-60	36,919	38	60	96.91	0.85	2.24	80.00	10.00	10.00
106	Mountain Avenue	SR-60 to Riverside Drive	38,528	36	60	96.42	0.91	2.67	80.00	10.00	10.00
107	Mountain Avenue	Riverside Drive to Chino Avenue	22,692	36	49	96.00	1.01	2.99	80.00	10.00	10.00
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	17,847	40	49	95.78	1.09	3.13	80.00	10.00	10.00
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	10,537	42	49	98.28	0.61	1.11	80.00	10.00	10.00
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	3,549	41	44	99.23	0.37	0.40	80.00	10.00	10.00
111	Fern Avenue	Riverside Drive to Chino Avenue	2,531	35	44	99.16	0.36	0.48	80.00	10.00	10.00
112	Fern Avenue	Chino Avenue to Schaefer Avenue	1,044	35	49	99.42	0.29	0.29	80.00	10.00	10.00
113	Fern Avenue	Schaefer Avenue to Edison Avenue	1,405	35	49	97.15	1.00	1.85	80.00	10.00	10.00
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	1,907	35	44	95.69	1.21	3.10	80.00	10.00	10.00
115	Euclid Avenue	North of SR-60	22,173	33	95	96.68	0.80	2.52	80.00	10.00	10.00
116	Euclid Avenue	SR-60 to Walnut Avenue	25,711	38	95	96.21	0.95	2.84	80.00	10.00	10.00
117	Euclid Avenue	Walnut Avenue to Riverside Drive	18,767	38	95	95.60	1.09	3.31	80.00	10.00	10.00
118	Euclid Avenue	Riverside Drive to Chino Avenue	27,117	45	80	95.29	1.19	3.52	80.00	10.00	10.00
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	27,716	47	70	94.92	1.30	3.78	80.00	10.00	10.00
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	48,158	46	65	95.29	1.18	3.53	80.00	10.00	10.00
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	38,588	48	65	94.72	1.27	4.01	80.00	10.00	10.00
122	Euclid Avenue	Eucalyptus to Merrill Avenue	37,961	49	65	94.58	1.30	4.12	80.00	10.00	10.00
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	35,654	50	65	94.44	1.28	4.28	80.00	10.00	10.00
124	Euclid Avenue	Kimball Avenue to Pine Avenue	27,036	49	65	94.03	1.28	4.69	80.00	10.00	10.00
125	Euclid Avenue	Pine Avenue to SR-73	36,244	28	65	93.02	1.56	5.42	80.00	10.00	10.00
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	944	38	49	86.12	3.71	10.17	80.00	10.00	10.00
127	Hellman Avenue	Kimball Avenue to Pine Avenue	11,303	38	49	96.55	1.11	2.34	80.00	10.00	10.00
128	Hellman Avenue	Pine Avenue to Chino Corona Road	1,357	38	49	94.63	1.69	3.68	80.00	10.00	10.00
129	Hellman Avenue	Chino Corona Road to River Road	9,583	37	49	96.05	1.24	2.71	80.00	10.00	10.00
130	Walnut Avenue	West of Pipeline Avenue	4,905	35	30	98.22	0.55	1.23	80.00	10.00	10.00
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	8,999	36	30	97.43	0.68	1.89	80.00	10.00	10.00
132	Walnut Avenue	Ramona Avenue to Central Avenue	9,276	30	30	97.58	0.66	1.76	80.00	10.00	10.00
133	Walnut Avenue	Central Avenue to Mountain Avenue	6,951	31	30	98.46	0.49	1.05	80.00	10.00	10.00
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	7,329	31	30	98.84	0.45	0.71	80.00	10.00	10.00
135	Walnut Avenue	East of Euclid Avenue	15,623	38	30	97.36	0.79	1.85	80.00	10.00	10.00

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Existing 2024 - Roadways
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
17	Phillips Boulevard	West of Ramona Avenue	62.5	51.5	60.7	65	4	14	43	136	430	1,360
18	Phillips Boulevard	Ramona Avenue to Central Avenue	61.2	47.2	54.4	62	2	7	23	73	231	730
19	Phillips Boulevard	Central Avenue to Mountain Avenue	49.4	35.9	43.1	51	0	0	2	5	16	49
20	Francis Avenue	West of Ramona Avenue	63.1	48.9	56.8	64	4	11	36	113	358	1,131
21	Francis Avenue	Ramona Avenue to Central Avenue	62.2	48.1	55.2	63	3	9	29	92	291	919
22	Francis Avenue	Central Avenue to Mountain Avenue	65.1	51.4	57.9	66	6	18	55	175	554	1,752
23	Philadelphia Street	West of City Boundary	61.4	48.4	57.7	63	3	9	28	90	284	898
24	Philadelphia Street	City Boundary to Ramona Avenue	65.7	55.3	65.3	69	10	33	103	326	1,031	3,262
25	Philadelphia Street	Ramona Avenue to Central Avenue	67.4	55.2	62.9	69	11	34	108	342	1,080	3,415
26	Philadelphia Street	Central Avenue to Mountain Avenue	66.7	53.7	61.2	68	12	37	117	370	1,170	3,700
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	63.7	51.1	58.6	65	6	19	61	194	614	1,942
28	Riverside Drive	SR-71 to Ramona Avenue	68.1	57.3	65.3	70	20	63	199	628	1,987	6,283
29	Riverside Drive	Ramona Avenue to Central Avenue	61.9	48.8	57.5	63	4	13	42	131	415	1,313
30	Riverside Drive	Central Avenue to Mountain Avenue	67.2	53.6	62.3	69	14	43	137	435	1,375	4,347
31	Riverside Drive	Mountain Avenue to Euclid Avenue	70.5	59.6	69.0	73	38	120	379	1,197	3,786	11,972
32	Riverside Drive	East of Euclid Avenue	66.0	56.3	66.0	69	16	50	158	499	1,578	4,991
33	Chino Avenue	SR-71 to Central Avenue	66.4	55.5	66.4	70	17	53	169	535	1,691	5,348
34	Chino Avenue	Central Avenue to Mountain Avenue	63.2	51.3	60.1	65	5	14	45	142	450	1,424
35	Chino Avenue	Mountain Avenue to Euclid Avenue	63.5	51.6	58.8	65	4	14	44	139	440	1,391
36	Chino Avenue	East of Euclid Avenue	64.6	55.3	64.0	68	8	25	80	253	801	2,532
37	Schaefer Avenue	West of Ramona Avenue	66.3	54.2	62.9	68	10	32	100	316	1,000	3,164
38	Schaefer Avenue	Ramona Avenue to Central Avenue	68.1	60.1	68.4	72	22	71	224	708	2,240	7,083
39	Schaefer Avenue	Central Avenue to Mountain Avenue	66.9	58.3	66.4	70	19	60	190	600	1,897	6,000
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	66.7	58.0	66.1	70	14	46	145	457	1,446	4,573
41	Schaefer Avenue	East of Euclid Avenue	57.6	45.9	54.2	59	1	4	13	43	135	427
42	Edison Avenue	SR-71 to Ramona Avenue	71.1	62.6	73.6	76	72	228	721	2,281	7,214	22,811
43	Edison Avenue	Ramona Avenue to Central Avenue	68.5	61.1	71.5	74	43	137	435	1,375	4,347	13,745
44	Edison Avenue	Central Avenue to Mountain Avenue	70.7	61.6	71.1	74	49	154	488	1,542	4,877	15,422
45	Edison Avenue	Mountain Avenue to Euclid Avenue	70.8	60.6	69.2	73	41	128	406	1,283	4,056	12,828
46	Edison Avenue	East of Euclid Avenue	69.3	59.5	68.6	72	31	100	315	996	3,149	9,958
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	63.0	54.0	62.8	66	6	20	65	204	646	2,043
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	60.9	56.5	64.7	67	6	20	64	201	636	2,011
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	55.4	47.5	58.3	60	2	5	17	53	166	525

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	62.4	50.9	59.2	64	4	13	42	132	417	1,319
51	Eucalyptus Avenue	East of Euclid Avenue	60.2	50.7	61.3	64	4	12	39	123	389	1,231
52	Chino Hills Parkway	SR-71 to Central Avenue	66.2	56.6	67.2	70	19	59	185	586	1,854	5,863
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	64.2	56.0	65.2	68	9	28	88	278	878	2,776
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	64.6	56.4	65.7	69	10	31	99	311	985	3,115
55	Kimball Avenue	El Prado Road to Euclid Avenue	71.7	60.7	70.0	74	37	116	366	1,157	3,660	11,573
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	67.8	57.9	68.0	71	20	65	204	646	2,043	6,459
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	65.8	56.3	66.3	69	8	26	81	255	807	2,553
58	Pine Avenue	SR-71 to Euclid Avenue	69.1	60.0	68.6	72	25	79	251	795	2,513	7,947
59	Pine Avenue	Euclid Avenue to Hellman Avenue	67.6	58.3	66.9	71	21	67	213	673	2,129	6,732
60	Pine Avenue	Hellman Avenue to Archibald Avenue	69.5	59.2	67.4	72	29	91	287	908	2,872	9,081
61	El Prado Road	Central Avenue to Pine Avenue	58.0	50.4	59.7	62	2	7	23	73	231	730
62	East End Avenue	North of Walnut Avenue	67.0	58.2	68.4	71	18	55	175	554	1,752	5,539
63	East End Avenue	Walnut Avenue to Riverside Drive	67.9	57.9	66.3	70	15	48	153	482	1,526	4,825
64	East End Avenue	Riverside Drive to Chino Avenue	66.4	55.4	64.0	69	10	32	101	319	1,008	3,188
65	East End Avenue	Chino Avenue to Schaefer Avenue	66.6	55.7	64.3	69	11	33	106	334	1,055	3,338
66	Pipeline Avenue	North of Walnut Avenue	58.0	47.1	57.4	61	2	5	17	54	171	541
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	66.0	55.1	64.0	68	9	30	94	297	941	2,975
68	Pipeline Avenue	Riverside Drive to Chino Avenue	66.6	56.6	64.6	69	11	35	111	350	1,105	3,495
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	67.5	57.7	65.4	70	14	43	136	430	1,360	4,300
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	66.0	54.0	61.6	68	8	25	78	247	782	2,474
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	68.4	57.6	67.1	71	18	55	175	554	1,752	5,539
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	69.8	57.5	65.2	71	19	59	188	594	1,877	5,935
73	Ramona Avenue	North of SR-60	65.7	55.5	65.9	69	12	39	123	389	1,231	3,892
74	Ramona Avenue	SR-60 to Riverside Drive	64.3	57.4	70.7	72	23	74	235	742	2,345	7,416
75	Ramona Avenue	Riverside Drive to Chino Avenue	68.7	59.9	70.4	73	30	96	302	955	3,021	9,554
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	68.4	59.7	70.2	73	28	89	282	892	2,820	8,917
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	66.9	57.6	67.5	71	17	55	174	550	1,739	5,498
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	62.2	55.1	65.9	68	11	35	112	353	1,117	3,533
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	66.2	58.0	67.5	70	20	63	199	628	1,987	6,283
80	Ramona Avenue	South of Chino Hills Parkway	64.7	55.2	65.4	68	13	41	128	406	1,283	4,056
81	Monte Vista Avenue	North of Walnut Avenue	66.1	53.9	62.1	68	8	26	82	259	819	2,591
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	64.4	54.0	63.5	67	7	23	73	231	730	2,309
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	63.7	55.1	64.0	67	7	23	71	226	714	2,257
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	60.5	50.8	60.6	64	3	11	33	106	334	1,055
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	64.6	55.2	63.3	67	7	24	75	236	747	2,363
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	66.6	58.4	66.5	70	14	43	136	430	1,360	4,300
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	62.3	54.2	61.7	65	5	15	48	153	482	1,526
88	Benson Avenue	North of Philadelphia Street	64.4	51.7	59.5	66	5	17	53	167	529	1,673
89	Benson Avenue	Philadelphia Street to Walnut Avenue	63.8	52.0	61.3	66	5	17	54	171	541	1,712
90	Benson Avenue	Walnut Avenue to Riverside Drive	62.3	51.3	60.5	65	4	13	41	130	411	1,299
91	Benson Avenue	Riverside Drive to Chino Avenue	63.7	53.8	63.8	67	7	22	70	221	697	2,205
92	Benson Avenue	Chino Avenue to Schaefer Avenue	64.7	52.5	60.0	66	6	18	58	183	580	1,834
93	Benson Avenue	South of Schaefer Avenue										
94	Central Avenue	North of Philadelphia Street	72.1	60.0	68.8	74	47	147	466	1,473	4,657	14,728
95	Central Avenue	Philadelphia Street to SR-60	68.3	58.4	70.3	73	35	109	345	1,092	3,453	10,918
96	Central Avenue	SR-60 to Walnut Avenue	66.7	57.7	70.6	72	31	100	315	996	3,149	9,958
97	Central Avenue	Walnut Avenue to Riverside Drive	65.7	57.3	70.0	72	27	85	268	848	2,680	8,475
98	Central Avenue	Riverside Drive to Chino Avenue	66.4	57.6	69.7	72	27	85	268	848	2,680	8,475
99	Central Avenue	Chino Avenue to Schaefer Avenue	68.2	58.8	69.0	72	29	91	287	908	2,872	9,081
100	Central Avenue	Schaefer Avenue to Edison Avenue	67.6	58.7	68.7	72	27	85	268	848	2,680	8,475
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	67.6	58.8	68.9	72	27	85	268	848	2,680	8,475
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	68.7	59.2	68.8	72	30	95	301	951	3,007	9,509
103	Central Avenue	Chino Hills Parkway to El Prado Road	70.1	60.4	69.6	73	39	123	387	1,225	3,874	12,250
104	Central Avenue	El Prado Road to SR-71	71.5	61.2	71.6	75	56	177	560	1,771	5,600	17,707

105	Mountain Avenue	North of SR-60	69.9	58.5	67.7	72	31	97	308	973	3,077	9,731
106	Mountain Avenue	SR-60 to Riverside Drive	69.4	58.6	68.4	72	31	97	308	973	3,077	9,731
107	Mountain Avenue	Riverside Drive to Chino Avenue	67.9	57.7	67.5	71	19	60	191	603	1,906	6,028
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	68.2	57.7	67.1	71	19	60	191	603	1,906	6,028
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	66.6	53.2	60.5	68	9	29	91	289	912	2,885
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	62.1	46.6	51.7	63	3	8	25	80	253	801
111	Fern Avenue	Riverside Drive to Chino Avenue	58.7	43.9	50.4	59	1	4	12	38	121	383
112	Fern Avenue	Chino Avenue to Schaefer Avenue	54.4	38.7	43.9	55	0	1	5	15	47	148
113	Fern Avenue	Schaefer Avenue to Edison Avenue	55.5	45.4	53.2	58	1	3	9	30	93	295
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	57.3	48.0	57.3	61	2	5	16	49	156	494
115	Euclid Avenue	North of SR-60	63.9	53.1	64.2	67	16	50	158	499	1,577	4,986
116	Euclid Avenue	SR-60 to Walnut Avenue	66.3	55.4	65.2	69	24	75	239	755	2,386	7,546
117	Euclid Avenue	Walnut Avenue to Riverside Drive	64.9	54.7	64.5	68	19	59	185	586	1,852	5,858
118	Euclid Avenue	Riverside Drive to Chino Avenue	69.3	58.5	67.8	72	38	121	383	1,211	3,829	12,108
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	70.5	59.9	68.9	73	44	140	442	1,397	4,417	13,967
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	73.0	62.1	71.2	75	71	225	713	2,254	7,127	22,538
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	72.5	61.7	71.0	75	67	210	665	2,103	6,651	21,034
122	Euclid Avenue	Eucalyptus to Merrill Avenue	72.7	61.9	71.1	75	68	215	681	2,152	6,806	21,524
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	72.7	61.7	71.1	75	68	215	681	2,152	6,806	21,524
124	Euclid Avenue	Kimball Avenue to Pine Avenue	71.2	60.3	70.2	74	52	163	516	1,633	5,163	16,327
125	Euclid Avenue	Pine Avenue to SR-73	65.5	58.7	71.4	73	37	118	374	1,183	3,740	11,828
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	54.3	49.9	59.2	61	2	6	19	59	186	589
127	Hellman Avenue	Kimball Avenue to Pine Avenue	65.6	55.4	63.6	68	10	31	98	309	978	3,092
128	Hellman Avenue	Pine Avenue to Chino Corona Road	56.3	48.0	56.4	60	1	5	14	46	145	457
129	Hellman Avenue	Chino Corona Road to River Road	64.5	55.0	63.4	67	8	26	83	263	832	2,631
130	Walnut Avenue	West of Pipeline Avenue	63.2	50.3	59.0	65	3	9	28	89	280	885
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	66.1	54.1	63.6	68	6	20	63	198	627	1,982
132	Walnut Avenue	Ramona Avenue to Central Avenue	64.0	52.8	64.2	67	5	16	51	161	509	1,611
133	Walnut Avenue	Central Avenue to Mountain Avenue	63.2	50.5	60.9	65	3	10	32	102	321	1,017
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	63.4	50.4	59.4	65	3	9	30	95	300	949
135	Walnut Avenue	East of Euclid Avenue	69.2	57.5	66.1	71	12	39	122	386	1,222	3,865

FHWA RD-77-108 - GPU 2045 Vehicle Traffic Noise Contours

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : General Plan Update 2045 - Freeways

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	SR-71	South of City Boundary	169,143	65	100	88.90	2.42	8.68	80.00	10.00	10.00	
2	SR-71	Southern City Boundary to Euclid Avenue	169,143	65	100	95.28	1.02	3.70	80.00	10.00	10.00	
3	SR-71	Euclid Avenue to Pine Avenue	116,918	65	100	94.80	1.09	4.11	80.00	10.00	10.00	
4	SR-71	Pine Avenue to Central Avenue	141,391	65	100	95.23	1.01	3.76	80.00	10.00	10.00	
5	SR-71	Central Avenue to Chino Hills Parkway	157,490	65	100	95.56	0.93	3.51	80.00	10.00	10.00	
6	SR-71	Chino Hills Parkway to Grand Avenue	171,277	65	100	95.98	0.81	3.21	80.00	10.00	10.00	
7	SR-71	Grand Avenue to Chino Avenue	142,042	65	100	97.50	0.47	2.03	80.00	10.00	10.00	
8	SR-71	Chino Avenue to Riverside Drive	219,142	65	100	95.55	0.83	3.62	80.00	10.00	10.00	
9	SR-71	Riverside Drive to SR-60	156,905	65	100	95.36	0.95	3.69	80.00	10.00	10.00	
10	SR-71	North of SR-60	149,138	65	100	94.04	1.13	4.83	80.00	10.00	10.00	
11	SR-60	SR-71 to Reservoir Street	265,963	65	100	90.37	1.36	8.27	80.00	10.00	10.00	
12	SR-60	Reservoir Street to Ramona Avenue	303,779	65	100	91.84	1.16	7.00	80.00	10.00	10.00	
13	SR-60	Ramona Avenue to Central Avenue	312,026	65	100	91.77	1.18	7.05	80.00	10.00	10.00	
14	SR-60	Central Avenue to Mountain Avenue	310,486	65	100	91.64	1.21	7.15	80.00	10.00	10.00	
15	SR-60	Mountain Avenue to Euclid Avenue	314,987	65	100	91.60	1.22	7.18	80.00	10.00	10.00	
16	SR-60	East of Euclid Avenue	305,854	65	100	91.43	1.25	7.32	80.00	10.00	10.00	

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : General Plan Update 2045 - Freeways
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	SR-71	South of City Boundary	80.6	71.1	80.1	84	374	807	1,738	3,744	8,066	17,378
2	SR-71	Southern City Boundary to Euclid Avenue	80.9	67.3	76.4	82	311	671	1,445	3,114	6,709	14,454
3	SR-71	Euclid Avenue to Pine Avenue	79.3	66.0	75.3	81	247	533	1,148	2,474	5,329	11,482
4	SR-71	Pine Avenue to Central Avenue	80.1	66.5	75.7	82	275	593	1,278	2,754	5,934	12,784
5	SR-71	Central Avenue to Chino Hills Parkway	80.6	66.6	75.9	82	293	631	1,359	2,929	6,310	13,594
6	SR-71	Chino Hills Parkway to Grand Avenue	81.0	66.4	75.9	82	307	661	1,423	3,067	6,607	14,234
7	SR-71	Grand Avenue to Chino Avenue	80.3	63.2	73.1	81	255	550	1,184	2,551	5,495	11,839
8	SR-71	Chino Avenue to Riverside Drive	82.0	67.6	77.4	84	369	794	1,711	3,687	7,943	17,113
9	SR-71	Riverside Drive to SR-60	80.6	66.7	76.1	82	293	631	1,359	2,929	6,310	13,594
10	SR-71	North of SR-60	80.3	67.2	77.0	82	297	641	1,380	2,974	6,407	13,804
11	SR-60	SR-71 to Reservoir Street	82.6	70.6	81.9	85	494	1,063	2,291	4,936	10,633	22,909
12	SR-60	Reservoir Street to Ramona Avenue	83.3	70.5	81.7	86	517	1,113	2,399	5,168	11,134	23,988
13	SR-60	Ramona Avenue to Central Avenue	83.4	70.6	81.9	86	533	1,148	2,474	5,329	11,482	24,736
14	SR-60	Central Avenue to Mountain Avenue	83.4	70.7	81.9	86	533	1,148	2,474	5,329	11,482	24,736
15	SR-60	Mountain Avenue to Euclid Avenue	83.4	70.8	82.0	86	533	1,148	2,474	5,329	11,482	24,736
16	SR-60	East of Euclid Avenue	83.3	70.8	82.0	86	525	1,131	2,436	5,248	11,307	24,359

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : General Plan Update 2045 - Roadways

Surface Refelction: CNEL
Assessment Metric: Hard
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
17	Phillips Boulevard	West of Ramona Avenue	5,393	31	44	98.10	0.71	1.19	80.00	10.00	10.00	
18	Phillips Boulevard	Ramona Avenue to Central Avenue	4,267	35	44	98.90	0.42	0.68	80.00	10.00	10.00	
19	Phillips Boulevard	Central Avenue to Mountain Avenue	286	28	44	99.31	0.35	0.34	80.00	10.00	10.00	
20	Francis Avenue	West of Ramona Avenue	5,059	34	44	98.96	0.39	0.65	80.00	10.00	10.00	
21	Francis Avenue	Ramona Avenue to Central Avenue	4,690	35	44	98.95	0.41	0.64	80.00	10.00	10.00	
22	Francis Avenue	Central Avenue to Mountain Avenue	11,111	36	44	98.88	0.47	0.65	80.00	10.00	10.00	
23	Philadelphia Street	West of City Boundary	6,939	33	44	98.49	0.49	1.02	80.00	10.00	10.00	
24	Philadelphia Street	City Boundary to Ramona Avenue	16,790	35	44	96.27	0.94	2.79	80.00	10.00	10.00	
25	Philadelphia Street	Ramona Avenue to Central Avenue	24,596	36	44	98.13	0.66	1.21	80.00	10.00	10.00	
26	Philadelphia Street	Central Avenue to Mountain Avenue	24,524	36	60	98.48	0.55	0.97	80.00	10.00	10.00	
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	11,036	34	60	98.58	0.56	0.86	80.00	10.00	10.00	
28	Riverside Drive	SR-71 to Ramona Avenue	29,632	39	60	96.96	0.99	2.05	80.00	10.00	10.00	
29	Riverside Drive	Ramona Avenue to Central Avenue	13,519	32	60	98.79	0.46	0.75	80.00	10.00	10.00	
30	Riverside Drive	Central Avenue to Mountain Avenue	21,215	38	60	98.30	0.51	1.19	80.00	10.00	10.00	
31	Riverside Drive	Mountain Avenue to Euclid Avenue	30,392	46	60	95.05	1.20	3.75	80.00	10.00	10.00	
32	Riverside Drive	East of Euclid Avenue	20,992	36	60	95.64	1.13	3.23	80.00	10.00	10.00	
33	Chino Avenue	SR-71 to Central Avenue	18,457	38	60	95.40	0.94	3.66	80.00	10.00	10.00	
34	Chino Avenue	Central Avenue to Mountain Avenue	8,998	33	44	98.19	0.63	1.18	80.00	10.00	10.00	
35	Chino Avenue	Mountain Avenue to Euclid Avenue	15,039	38	44	97.99	0.76	1.25	80.00	10.00	10.00	
36	Chino Avenue	East of Euclid Avenue	14,659	37	44	95.66	1.29	3.05	80.00	10.00	10.00	
37	Schaefer Avenue	West of Ramona Avenue	16,644	38	49	97.58	0.72	1.70	80.00	10.00	10.00	
38	Schaefer Avenue	Ramona Avenue to Central Avenue	26,637	36	49	94.83	1.69	3.48	80.00	10.00	10.00	
39	Schaefer Avenue	Central Avenue to Mountain Avenue	17,591	39	60	95.00	1.63	3.37	80.00	10.00	10.00	
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	18,353	40	49	94.84	1.67	3.49	80.00	10.00	10.00	
41	Schaefer Avenue	East of Euclid Avenue	7,860	38	49	97.55	0.78	1.67	80.00	10.00	10.00	
42	Edison Avenue	SR-71 to Ramona Avenue	52,136	41	60	91.14	1.71	7.15	80.00	10.00	10.00	
43	Edison Avenue	Ramona Avenue to Central Avenue	51,495	36	60	91.85	1.84	6.31	80.00	10.00	10.00	
44	Edison Avenue	Central Avenue to Mountain Avenue	50,788	41	60	93.89	1.55	4.56	80.00	10.00	10.00	
45	Edison Avenue	Mountain Avenue to Euclid Avenue	47,469	47	60	94.71	1.44	3.85	80.00	10.00	10.00	
46	Edison Avenue	East of Euclid Avenue	61,518	43	60	94.63	1.42	3.95	80.00	10.00	10.00	
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	8,283	37	49	95.24	1.40	3.36	80.00	10.00	10.00	
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	3,254	38	44	88.12	3.83	8.05	80.00	10.00	10.00	
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	6,392	31	49	95.20	1.43	3.37	80.00	10.00	10.00	

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	4,896	40	49	97.15	0.89	1.96	80.00	10.00	10.00
51	Eucalyptus Avenue	East of Euclid Avenue	10,978	42	49	92.98	1.43	5.59	80.00	10.00	10.00
52	Chino Hills Parkway	SR-71 to Central Avenue	33,264	33	60	95.97	1.06	2.97	80.00	10.00	10.00
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	13,325	36	44	94.24	1.62	4.14	80.00	10.00	10.00
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	12,590	38	44	93.77	1.69	4.54	80.00	10.00	10.00
55	Kimball Avenue	El Prado Road to Euclid Avenue	31,940	45	44	95.48	1.12	3.40	80.00	10.00	10.00
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	35,943	40	49	94.57	1.23	4.20	80.00	10.00	10.00
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	33,603	40	30	94.21	1.35	4.44	80.00	10.00	10.00
58	Pine Avenue	SR-71 to Euclid Avenue	30,522	42	49	94.47	1.60	3.93	80.00	10.00	10.00
59	Pine Avenue	Euclid Avenue to Hellman Avenue	21,298	41	60	94.96	1.49	3.55	80.00	10.00	10.00
60	Pine Avenue	Hellman Avenue to Archibald Avenue	25,881	41	60	96.18	1.20	2.62	80.00	10.00	10.00
61	El Prado Road	Central Avenue to Pine Avenue	838	42	44	91.51	2.16	6.33	80.00	10.00	10.00
62	East End Avenue	North of Walnut Avenue	28,482	33	44	95.58	1.24	3.18	80.00	10.00	10.00
63	East End Avenue	Walnut Avenue to Riverside Drive	29,328	35	44	96.76	1.06	2.18	80.00	10.00	10.00
64	East End Avenue	Riverside Drive to Chino Avenue	18,116	35	44	97.35	0.84	1.81	80.00	10.00	10.00
65	East End Avenue	Chino Avenue to Schaefer Avenue	20,833	36	44	97.12	0.88	2.00	80.00	10.00	10.00
66	Pipeline Avenue	North of Walnut Avenue	4,894	25	44	98.45	0.55	1.00	80.00	10.00	10.00
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	18,633	34	44	97.48	0.82	1.70	80.00	10.00	10.00
68	Pipeline Avenue	Riverside Drive to Chino Avenue	18,356	35	44	97.00	1.04	1.96	80.00	10.00	10.00
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	17,602	38	44	96.51	1.22	2.27	80.00	10.00	10.00
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	16,328	37	44	97.98	0.72	1.30	80.00	10.00	10.00
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	25,408	33	44	97.46	0.81	1.73	80.00	10.00	10.00
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	27,390	38	44	98.04	0.68	1.28	80.00	10.00	10.00
73	Ramona Avenue	North of SR-60	21,388	34	49	96.22	0.96	2.82	80.00	10.00	10.00
74	Ramona Avenue	SR-60 to Riverside Drive	14,422	31	49	91.00	1.72	7.28	80.00	10.00	10.00
75	Ramona Avenue	Riverside Drive to Chino Avenue	21,735	37	49	93.58	1.42	5.00	80.00	10.00	10.00
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	21,433	38	49	93.06	1.50	5.44	80.00	10.00	10.00
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	16,605	38	49	94.49	1.32	4.19	80.00	10.00	10.00
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	13,187	34	60	92.12	1.84	6.04	80.00	10.00	10.00
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	21,306	35	60	94.27	1.53	4.20	80.00	10.00	10.00
80	Ramona Avenue	South of Chino Hills Parkway	16,531	35	60	95.20	1.15	3.65	80.00	10.00	10.00
81	Monte Vista Avenue	North of Walnut Avenue	13,969	35	44	98.09	0.64	1.27	80.00	10.00	10.00
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	12,585	33	44	97.19	0.89	1.92	80.00	10.00	10.00
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	5,127	41	44	93.80	1.73	4.47	80.00	10.00	10.00
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	4,296	32	44	96.93	0.99	2.08	80.00	10.00	10.00
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	10,889	37	44	96.20	1.27	2.53	80.00	10.00	10.00
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	16,888	38	44	94.75	1.71	3.54	80.00	10.00	10.00
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	9,443	37	44	95.26	1.71	3.03	80.00	10.00	10.00
88	Benson Avenue	North of Philadelphia Street	9,920	37	44	98.21	0.62	1.17	80.00	10.00	10.00
89	Benson Avenue	Philadelphia Street to Walnut Avenue	14,691	28	44	98.65	0.52	0.83	80.00	10.00	10.00
90	Benson Avenue	Walnut Avenue to Riverside Drive	7,661	31	44	98.14	0.70	1.16	80.00	10.00	10.00
91	Benson Avenue	Riverside Drive to Chino Avenue	9,039	33	44	96.57	0.99	2.44	80.00	10.00	10.00
92	Benson Avenue	Chino Avenue to Schaefer Avenue	8,195	38	44	98.04	0.71	1.25	80.00	10.00	10.00
93	Benson Avenue	South of Schaefer Avenue	0	0	44		0.00	0.00	80.00	10.00	10.00
94	Central Avenue	North of Philadelphia Street	56,882	41	60	97.16	0.80	2.04	80.00	10.00	10.00
95	Central Avenue	Philadelphia Street to SR-60	52,885	30	60	96.51	0.86	2.63	80.00	10.00	10.00
96	Central Avenue	SR-60 to Walnut Avenue	49,323	26	60	96.04	0.89	3.07	80.00	10.00	10.00
97	Central Avenue	Walnut Avenue to Riverside Drive	29,463	30	60	94.47	1.21	4.32	80.00	10.00	10.00
98	Central Avenue	Riverside Drive to Chino Avenue	25,122	32	60	94.66	1.18	4.16	80.00	10.00	10.00
99	Central Avenue	Chino Avenue to Schaefer Avenue	26,657	38	60	94.44	1.29	4.27	80.00	10.00	10.00
100	Central Avenue	Schaefer Avenue to Edison Avenue	20,794	38	60	93.95	1.43	4.62	80.00	10.00	10.00
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	26,617	35	60	94.56	1.33	4.11	80.00	10.00	10.00
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	30,724	38	60	95.09	1.26	3.65	80.00	10.00	10.00
103	Central Avenue	Chino Hills Parkway to El Prado Road	35,550	40	60	95.12	1.30	3.58	80.00	10.00	10.00
104	Central Avenue	El Prado Road to SR-71	43,436	41	60	94.55	1.17	4.28	80.00	10.00	10.00

105	Mountain Avenue	North of SR-60	37,354	38	60	96.91	0.85	2.24	80.00	10.00	10.00
106	Mountain Avenue	SR-60 to Riverside Drive	46,464	36	60	96.42	0.91	2.67	80.00	10.00	10.00
107	Mountain Avenue	Riverside Drive to Chino Avenue	21,437	36	49	96.00	1.01	2.99	80.00	10.00	10.00
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	15,097	40	49	95.78	1.09	3.13	80.00	10.00	10.00
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	8,760	42	49	98.28	0.61	1.11	80.00	10.00	10.00
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	1,661	41	44	99.23	0.37	0.40	80.00	10.00	10.00
111	Fern Avenue	Riverside Drive to Chino Avenue	2,926	35	44	99.16	0.36	0.48	80.00	10.00	10.00
112	Fern Avenue	Chino Avenue to Schaefer Avenue	1,357	35	49	99.42	0.29	0.29	80.00	10.00	10.00
113	Fern Avenue	Schaefer Avenue to Edison Avenue	1,556	35	49	97.15	1.00	1.85	80.00	10.00	10.00
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	103	35	44	95.69	1.21	3.10	80.00	10.00	10.00
115	Euclid Avenue	North of SR-60	19,535	33	95	96.68	0.80	2.52	80.00	10.00	10.00
116	Euclid Avenue	SR-60 to Walnut Avenue	29,492	38	95	96.21	0.95	2.84	80.00	10.00	10.00
117	Euclid Avenue	Walnut Avenue to Riverside Drive	24,108	38	95	95.60	1.09	3.31	80.00	10.00	10.00
118	Euclid Avenue	Riverside Drive to Chino Avenue	40,814	45	80	95.29	1.19	3.52	80.00	10.00	10.00
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	42,370	47	70	94.92	1.30	3.78	80.00	10.00	10.00
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	78,657	46	65	95.29	1.18	3.53	80.00	10.00	10.00
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	62,881	48	65	94.72	1.27	4.01	80.00	10.00	10.00
122	Euclid Avenue	Eucalyptus to Merrill Avenue	63,608	49	65	94.58	1.30	4.12	80.00	10.00	10.00
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	63,546	50	65	94.44	1.28	4.28	80.00	10.00	10.00
124	Euclid Avenue	Kimball Avenue to Pine Avenue	53,044	49	65	94.03	1.28	4.69	80.00	10.00	10.00
125	Euclid Avenue	Pine Avenue to SR-73	62,487	28	65	93.02	1.56	5.42	80.00	10.00	10.00
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	4,987	38	49	86.12	3.71	10.17	80.00	10.00	10.00
127	Hellman Avenue	Kimball Avenue to Pine Avenue	14,374	38	49	96.55	1.11	2.34	80.00	10.00	10.00
128	Hellman Avenue	Pine Avenue to Chino Corona Road	3,093	38	49	94.63	1.69	3.68	80.00	10.00	10.00
129	Hellman Avenue	Chino Corona Road to River Road	12,602	37	49	96.05	1.24	2.71	80.00	10.00	10.00
130	Walnut Avenue	West of Pipeline Avenue	5,924	35	30	98.22	0.55	1.23	80.00	10.00	10.00
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	9,922	36	30	97.43	0.68	1.89	80.00	10.00	10.00
132	Walnut Avenue	Ramona Avenue to Central Avenue	6,970	30	30	97.58	0.66	1.76	80.00	10.00	10.00
133	Walnut Avenue	Central Avenue to Mountain Avenue	7,189	31	30	98.46	0.49	1.05	80.00	10.00	10.00
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	7,342	31	30	98.84	0.45	0.71	80.00	10.00	10.00
135	Walnut Avenue	East of Euclid Avenue	18,084	38	30	97.36	0.79	1.85	80.00	10.00	10.00

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : General Plan Update 2045 - Roadways
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
17	Phillips Boulevard	West of Ramona Avenue	60.4	49.4	58.6	63	3	8	27	84	265	838
18	Phillips Boulevard	Ramona Avenue to Central Avenue	60.9	46.9	54.2	62	2	7	22	68	216	681
19	Phillips Boulevard	Central Avenue to Mountain Avenue	46.4	32.8	40.0	48	0	0	1	2	8	25
20	Francis Avenue	West of Ramona Avenue	61.3	47.1	55.0	62	2	7	24	75	236	747
21	Francis Avenue	Ramona Avenue to Central Avenue	61.3	47.2	54.3	62	2	7	24	75	236	747
22	Francis Avenue	Central Avenue to Mountain Avenue	65.4	51.7	58.2	66	6	19	59	188	594	1,877
23	Philadelphia Street	West of City Boundary	62.3	49.3	58.6	64	3	11	35	111	350	1,105
24	Philadelphia Street	City Boundary to Ramona Avenue	66.7	56.3	66.3	70	13	41	130	411	1,299	4,106
25	Philadelphia Street	Ramona Avenue to Central Avenue	68.8	56.6	64.4	70	15	48	153	482	1,526	4,825
26	Philadelphia Street	Central Avenue to Mountain Avenue	67.5	54.5	62.1	69	14	46	144	455	1,439	4,551
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	63.3	50.7	58.3	65	6	18	56	177	560	1,771
28	Riverside Drive	SR-71 to Ramona Avenue	69.3	58.4	66.5	71	26	81	256	809	2,559	8,094
29	Riverside Drive	Ramona Avenue to Central Avenue	63.4	50.3	59.0	65	6	19	59	185	586	1,854
30	Riverside Drive	Central Avenue to Mountain Avenue	67.5	53.9	62.6	69	15	47	147	466	1,473	4,657
31	Riverside Drive	Mountain Avenue to Euclid Avenue	71.3	60.5	69.9	74	47	147	466	1,473	4,657	14,728
32	Riverside Drive	East of Euclid Avenue	66.7	56.9	66.6	70	19	59	185	586	1,854	5,863
33	Chino Avenue	SR-71 to Central Avenue	66.8	56.0	66.8	70	19	60	190	600	1,897	6,000
34	Chino Avenue	Central Avenue to Mountain Avenue	63.4	51.5	60.3	65	5	15	47	149	471	1,491
35	Chino Avenue	Mountain Avenue to Euclid Avenue	67.4	55.5	62.6	69	11	33	106	334	1,055	3,338
36	Chino Avenue	East of Euclid Avenue	66.8	57.5	66.3	70	13	42	133	420	1,329	4,202
37	Schaefer Avenue	West of Ramona Avenue	67.3	55.2	63.9	69	13	40	126	398	1,259	3,983
38	Schaefer Avenue	Ramona Avenue to Central Avenue	68.6	60.6	68.9	72	25	79	251	795	2,513	7,947
39	Schaefer Avenue	Central Avenue to Mountain Avenue	66.9	58.3	66.4	70	19	60	190	600	1,897	6,000
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	68.3	59.7	67.7	71	21	66	209	661	2,090	6,610
41	Schaefer Avenue	East of Euclid Avenue	64.1	52.3	60.6	66	6	19	60	191	603	1,906
42	Edison Avenue	SR-71 to Ramona Avenue	72.1	63.6	74.5	77	89	281	887	2,806	8,875	28,064
43	Edison Avenue	Ramona Avenue to Central Avenue	70.4	63.0	73.4	75	66	208	658	2,080	6,579	20,804
44	Edison Avenue	Central Avenue to Mountain Avenue	72.1	63.0	72.5	76	67	213	673	2,129	6,732	21,289
45	Edison Avenue	Mountain Avenue to Euclid Avenue	73.5	63.3	72.0	76	77	244	773	2,444	7,729	24,443
46	Edison Avenue	East of Euclid Avenue	73.5	63.8	72.9	77	85	268	848	2,680	8,475	26,801
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	63.9	54.9	63.7	67	8	25	79	251	795	2,513
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	60.3	55.9	64.1	66	6	18	55	175	554	1,752
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	60.5	52.7	63.4	66	5	17	55	174	550	1,739

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	62.6	51.2	59.4	65	4	14	44	138	437	1,381
51	Eucalyptus Avenue	East of Euclid Avenue	66.6	57.1	67.7	70	17	54	170	537	1,699	5,373
52	Chino Hills Parkway	SR-71 to Central Avenue	67.6	58.1	68.7	71	26	83	262	828	2,619	8,282
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	66.0	57.9	67.1	70	14	43	136	430	1,360	4,300
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	66.4	58.2	67.4	70	15	46	146	461	1,457	4,607
55	Kimball Avenue	El Prado Road to Euclid Avenue	72.6	61.6	70.9	75	45	142	450	1,424	4,502	14,238
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	71.2	61.2	71.4	75	44	138	437	1,381	4,367	13,810
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	73.0	63.5	73.5	77	42	134	424	1,340	4,238	13,401
58	Pine Avenue	SR-71 to Euclid Avenue	71.1	62.0	70.6	74	40	126	398	1,259	3,983	12,595
59	Pine Avenue	Euclid Avenue to Hellman Avenue	68.4	59.1	67.6	71	26	81	256	809	2,559	8,094
60	Pine Avenue	Hellman Avenue to Archibald Avenue	69.3	59.0	67.1	72	27	87	274	867	2,743	8,673
61	El Prado Road	Central Avenue to Pine Avenue	55.8	48.2	57.5	60	1	4	14	44	139	440
62	East End Avenue	North of Walnut Avenue	68.3	59.4	69.6	72	24	75	236	747	2,363	7,472
63	East End Avenue	Walnut Avenue to Riverside Drive	69.2	59.3	67.6	72	21	65	206	651	2,058	6,508
64	East End Avenue	Riverside Drive to Chino Avenue	67.1	56.2	64.7	69	12	37	118	375	1,184	3,745
65	East End Avenue	Chino Avenue to Schaefer Avenue	68.1	57.2	65.9	70	15	47	149	471	1,491	4,715
66	Pipeline Avenue	North of Walnut Avenue	57.3	46.4	56.6	60	1	5	14	45	142	450
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	66.9	56.0	64.8	69	12	37	116	366	1,157	3,660
68	Pipeline Avenue	Riverside Drive to Chino Avenue	67.2	57.2	65.1	70	12	39	124	392	1,240	3,922
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	68.0	58.2	65.9	70	15	48	153	482	1,526	4,825
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	67.4	55.4	63.0	69	11	35	111	350	1,105	3,495
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	67.9	57.1	66.5	71	16	49	156	494	1,561	4,937
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	70.0	57.6	65.3	71	19	61	192	607	1,921	6,074
73	Ramona Avenue	North of SR-60	67.0	56.8	67.2	70	17	53	166	525	1,660	5,250
74	Ramona Avenue	SR-60 to Riverside Drive	63.9	57.0	70.3	71	21	68	214	676	2,139	6,764
75	Ramona Avenue	Riverside Drive to Chino Avenue	68.0	59.2	69.7	72	25	79	251	795	2,513	7,947
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	68.2	59.5	70.1	73	28	87	276	871	2,755	8,714
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	67.2	57.8	67.8	71	19	59	186	589	1,863	5,891
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	63.8	56.7	67.5	69	16	51	161	511	1,615	5,107
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	66.3	58.1	67.7	70	21	66	208	658	2,080	6,579
80	Ramona Avenue	South of Chino Hills Parkway	65.3	55.8	66.0	69	15	47	147	466	1,473	4,657
81	Monte Vista Avenue	North of Walnut Avenue	66.0	53.9	62.0	68	8	26	82	259	819	2,591
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	64.8	54.4	63.9	68	8	25	80	253	801	2,532
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	63.5	54.9	63.8	67	7	22	68	216	681	2,155
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	59.7	50.0	59.8	63	3	9	28	88	278	878
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	65.6	56.1	64.2	68	9	29	92	291	919	2,907
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	67.7	59.5	67.6	71	18	55	175	554	1,752	5,539
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	64.9	56.8	64.3	68	9	28	88	278	878	2,776
88	Benson Avenue	North of Philadelphia Street	65.2	52.6	60.4	67	7	21	65	206	651	2,058
89	Benson Avenue	Philadelphia Street to Walnut Avenue	63.5	51.7	61.0	66	5	16	51	160	505	1,598
90	Benson Avenue	Walnut Avenue to Riverside Drive	61.9	50.8	60.0	64	4	12	37	118	375	1,184
91	Benson Avenue	Riverside Drive to Chino Avenue	63.3	53.5	63.5	67	6	20	64	201	636	2,011
92	Benson Avenue	Chino Avenue to Schaefer Avenue	64.7	52.6	60.0	66	6	18	58	183	580	1,834
93	Benson Avenue	South of Schaefer Avenue										
94	Central Avenue	North of Philadelphia Street	72.7	60.7	69.5	75	55	173	547	1,730	5,472	17,304
95	Central Avenue	Philadelphia Street to SR-60	68.5	58.5	70.5	73	36	114	362	1,143	3,615	11,433
96	Central Avenue	SR-60 to Walnut Avenue	66.4	57.4	70.3	72	29	93	294	929	2,939	9,293
97	Central Avenue	Walnut Avenue to Riverside Drive	65.8	57.5	70.1	72	28	89	281	887	2,806	8,875
98	Central Avenue	Riverside Drive to Chino Avenue	66.0	57.1	69.2	71	24	76	239	755	2,389	7,554
99	Central Avenue	Chino Avenue to Schaefer Avenue	68.4	58.9	69.1	72	30	95	301	951	3,007	9,509
100	Central Avenue	Schaefer Avenue to Edison Avenue	67.3	58.3	68.4	71	24	77	244	773	2,444	7,729
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	67.3	58.5	68.6	71	25	79	250	791	2,501	7,910
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	69.0	59.4	69.0	72	32	102	322	1,019	3,222	10,189
103	Central Avenue	Chino Hills Parkway to El Prado Road	70.3	60.6	69.8	73	41	128	406	1,283	4,056	12,828
104	Central Avenue	El Prado Road to SR-71	71.4	61.1	71.5	75	56	177	560	1,771	5,600	17,707

105	Mountain Avenue	North of SR-60	69.9	58.6	67.8	72	31	100	315	996	3,149	9,958
106	Mountain Avenue	SR-60 to Riverside Drive	70.2	59.5	69.2	73	37	117	370	1,170	3,700	11,699
107	Mountain Avenue	Riverside Drive to Chino Avenue	67.7	57.4	67.3	71	18	58	182	576	1,821	5,757
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	67.5	57.0	66.4	70	16	51	162	513	1,623	5,131
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	65.8	52.4	59.7	67	8	24	76	240	759	2,400
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	58.8	43.3	48.4	59	1	4	12	37	118	375
111	Fern Avenue	Riverside Drive to Chino Avenue	59.3	44.6	51.0	60	1	4	14	44	139	440
112	Fern Avenue	Chino Avenue to Schaefer Avenue	55.5	39.8	45.0	56	1	2	6	20	62	195
113	Fern Avenue	Schaefer Avenue to Edison Avenue	56.0	45.8	53.7	58	1	3	10	32	102	324
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	44.6	35.3	44.6	48	0	0	1	3	9	27
115	Euclid Avenue	North of SR-60	63.3	52.5	63.7	67	14	44	141	444	1,405	4,443
116	Euclid Avenue	SR-60 to Walnut Avenue	66.9	56.0	65.8	70	27	87	274	866	2,740	8,664
117	Euclid Avenue	Walnut Avenue to Riverside Drive	66.0	55.8	65.6	69	24	75	239	755	2,386	7,546
118	Euclid Avenue	Riverside Drive to Chino Avenue	71.1	60.3	69.5	74	58	183	580	1,833	5,795	18,327
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	72.4	61.7	70.8	75	68	216	684	2,163	6,841	21,632
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	75.1	64.2	73.4	78	118	374	1,183	3,740	11,828	37,404
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	74.7	63.8	73.1	77	108	341	1,079	3,411	10,787	34,112
122	Euclid Avenue	Eucalyptus to Merrill Avenue	75.0	64.1	73.4	78	116	366	1,156	3,655	11,559	36,552
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	75.2	64.2	73.6	78	121	383	1,210	3,827	12,104	38,275
124	Euclid Avenue	Kimball Avenue to Pine Avenue	74.2	63.3	73.2	77	101	318	1,007	3,184	10,067	31,836
125	Euclid Avenue	Pine Avenue to SR-73	67.8	61.0	73.8	75	64	201	635	2,009	6,352	20,087
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	61.6	57.1	66.5	68	10	31	98	309	978	3,092
127	Hellman Avenue	Kimball Avenue to Pine Avenue	66.6	56.5	64.7	69	12	39	123	389	1,231	3,892
128	Hellman Avenue	Pine Avenue to Chino Corona Road	59.9	51.6	60.0	63	3	10	32	102	324	1,024
129	Hellman Avenue	Chino Corona Road to River Road	65.7	56.2	64.6	69	11	35	110	347	1,097	3,469
130	Walnut Avenue	West of Pipeline Avenue	64.0	51.1	59.8	66	3	11	34	106	337	1,064
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	66.5	54.5	64.1	69	7	22	69	217	687	2,173
132	Walnut Avenue	Ramona Avenue to Central Avenue	62.7	51.6	63.0	66	4	12	38	119	378	1,194
133	Walnut Avenue	Central Avenue to Mountain Avenue	63.3	50.7	61.0	66	3	11	34	106	337	1,064
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	63.4	50.4	59.4	65	3	9	30	95	300	949
135	Walnut Avenue	East of Euclid Avenue	69.8	58.1	66.8	72	14	45	144	454	1,436	4,541

FHWA RD-77-108 - Adopted General Plan 2045 Vehicle Traffic Noise Contours

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Adopted General Plan 2045 - Freeways

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	SR-71	South of City Boundary	169,566	65	100	88.90	2.42	8.68	80.00	10.00	10.00	
2	SR-71	Southern City Boundary to Euclid Avenue	169,566	65	100	95.28	1.02	3.70	80.00	10.00	10.00	
3	SR-71	Euclid Avenue to Pine Avenue	116,388	65	100	94.80	1.09	4.11	80.00	10.00	10.00	
4	SR-71	Pine Avenue to Central Avenue	141,424	65	100	95.23	1.01	3.76	80.00	10.00	10.00	
5	SR-71	Central Avenue to Chino Hills Parkway	156,298	65	100	95.56	0.93	3.51	80.00	10.00	10.00	
6	SR-71	Chino Hills Parkway to Grand Avenue	170,155	65	100	95.98	0.81	3.21	80.00	10.00	10.00	
7	SR-71	Grand Avenue to Chino Avenue	140,910	65	100	97.50	0.47	2.03	80.00	10.00	10.00	
8	SR-71	Chino Avenue to Riverside Drive	219,728	65	100	95.55	0.83	3.62	80.00	10.00	10.00	
9	SR-71	Riverside Drive to SR-60	157,092	65	100	95.36	0.95	3.69	80.00	10.00	10.00	
10	SR-71	North of SR-60	149,351	65	100	94.04	1.13	4.83	80.00	10.00	10.00	
11	SR-60	SR-71 to Reservoir Street	264,842	65	100	90.37	1.36	8.27	80.00	10.00	10.00	
12	SR-60	Reservoir Street to Ramona Avenue	303,025	65	100	91.84	1.16	7.00	80.00	10.00	10.00	
13	SR-60	Ramona Avenue to Central Avenue	310,969	65	100	91.77	1.18	7.05	80.00	10.00	10.00	
14	SR-60	Central Avenue to Mountain Avenue	309,693	65	100	91.64	1.21	7.15	80.00	10.00	10.00	
15	SR-60	Mountain Avenue to Euclid Avenue	314,487	65	100	91.60	1.22	7.18	80.00	10.00	10.00	
16	SR-60	East of Euclid Avenue	305,653	65	100	91.43	1.25	7.32	80.00	10.00	10.00	

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Adopted General Plan 2045 - Freeways
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	SR-71	South of City Boundary	80.6	71.1	80.1	84	374	807	1,738	3,744	8,066	17,378
2	SR-71	Southern City Boundary to Euclid Avenue	80.9	67.4	76.4	82	311	671	1,445	3,114	6,709	14,454
3	SR-71	Euclid Avenue to Pine Avenue	79.3	66.0	75.3	81	247	533	1,148	2,474	5,329	11,482
4	SR-71	Pine Avenue to Central Avenue	80.1	66.5	75.7	82	275	593	1,278	2,754	5,934	12,784
5	SR-71	Central Avenue to Chino Hills Parkway	80.6	66.6	75.8	82	293	631	1,359	2,929	6,310	13,594
6	SR-71	Chino Hills Parkway to Grand Avenue	81.0	66.4	75.8	82	302	651	1,402	3,020	6,506	14,017
7	SR-71	Grand Avenue to Chino Avenue	80.2	63.2	73.0	81	251	541	1,166	2,512	5,412	11,659
8	SR-71	Chino Avenue to Riverside Drive	82.1	67.6	77.5	84	369	794	1,711	3,687	7,943	17,113
9	SR-71	Riverside Drive to SR-60	80.6	66.7	76.1	82	293	631	1,359	2,929	6,310	13,594
10	SR-71	North of SR-60	80.3	67.3	77.0	82	297	641	1,380	2,974	6,407	13,804
11	SR-60	SR-71 to Reservoir Street	82.6	70.5	81.9	85	494	1,063	2,291	4,936	10,633	22,909
12	SR-60	Reservoir Street to Ramona Avenue	83.3	70.4	81.7	86	517	1,113	2,399	5,168	11,134	23,988
13	SR-60	Ramona Avenue to Central Avenue	83.4	70.6	81.9	86	525	1,131	2,436	5,248	11,307	24,359
14	SR-60	Central Avenue to Mountain Avenue	83.4	70.7	81.9	86	525	1,131	2,436	5,248	11,307	24,359
15	SR-60	Mountain Avenue to Euclid Avenue	83.4	70.8	82.0	86	533	1,148	2,474	5,329	11,482	24,736
16	SR-60	East of Euclid Avenue	83.3	70.8	82.0	86	525	1,131	2,436	5,248	11,307	24,359

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

Data Input Sheet

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Adopted General Plan 2045 - Roadways

Surface Refelction: CNEL
Assessment Metric: Hard
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
17	Phillips Boulevard	West of Ramona Avenue	5,483	31	44	98.10	0.71	1.19	80.00	10.00	10.00	
18	Phillips Boulevard	Ramona Avenue to Central Avenue	9,543	35	44	98.90	0.42	0.68	80.00	10.00	10.00	
19	Phillips Boulevard	Central Avenue to Mountain Avenue	302	28	44	99.31	0.35	0.34	80.00	10.00	10.00	
20	Francis Avenue	West of Ramona Avenue	4,983	34	44	98.96	0.39	0.65	80.00	10.00	10.00	
21	Francis Avenue	Ramona Avenue to Central Avenue	5,352	35	44	98.95	0.41	0.64	80.00	10.00	10.00	
22	Francis Avenue	Central Avenue to Mountain Avenue	11,692	36	44	98.88	0.47	0.65	80.00	10.00	10.00	
23	Philadelphia Street	West of City Boundary	6,756	33	44	98.49	0.49	1.02	80.00	10.00	10.00	
24	Philadelphia Street	City Boundary to Ramona Avenue	16,479	35	44	96.27	0.94	2.79	80.00	10.00	10.00	
25	Philadelphia Street	Ramona Avenue to Central Avenue	24,904	36	44	98.13	0.66	1.21	80.00	10.00	10.00	
26	Philadelphia Street	Central Avenue to Mountain Avenue	25,155	36	60	98.48	0.55	0.97	80.00	10.00	10.00	
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	10,372	34	60	98.58	0.56	0.86	80.00	10.00	10.00	
28	Riverside Drive	SR-71 to Ramona Avenue	28,753	39	60	96.96	0.99	2.05	80.00	10.00	10.00	
29	Riverside Drive	Ramona Avenue to Central Avenue	13,894	32	60	98.79	0.46	0.75	80.00	10.00	10.00	
30	Riverside Drive	Central Avenue to Mountain Avenue	22,536	38	60	98.30	0.51	1.19	80.00	10.00	10.00	
31	Riverside Drive	Mountain Avenue to Euclid Avenue	31,224	46	60	95.05	1.20	3.75	80.00	10.00	10.00	
32	Riverside Drive	East of Euclid Avenue	20,882	36	60	95.64	1.13	3.23	80.00	10.00	10.00	
33	Chino Avenue	SR-71 to Central Avenue	19,774	38	60	95.40	0.94	3.66	80.00	10.00	10.00	
34	Chino Avenue	Central Avenue to Mountain Avenue	9,321	33	44	98.19	0.63	1.18	80.00	10.00	10.00	
35	Chino Avenue	Mountain Avenue to Euclid Avenue	14,759	38	44	97.99	0.76	1.25	80.00	10.00	10.00	
36	Chino Avenue	East of Euclid Avenue	15,922	37	44	95.66	1.29	3.05	80.00	10.00	10.00	
37	Schaefer Avenue	West of Ramona Avenue	17,168	38	49	97.58	0.72	1.70	80.00	10.00	10.00	
38	Schaefer Avenue	Ramona Avenue to Central Avenue	24,611	36	49	94.83	1.69	3.48	80.00	10.00	10.00	
39	Schaefer Avenue	Central Avenue to Mountain Avenue	17,833	39	60	95.00	1.63	3.37	80.00	10.00	10.00	
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	18,295	40	49	94.84	1.67	3.49	80.00	10.00	10.00	
41	Schaefer Avenue	East of Euclid Avenue	8,089	38	49	97.55	0.78	1.67	80.00	10.00	10.00	
42	Edison Avenue	SR-71 to Ramona Avenue	52,267	41	60	91.14	1.71	7.15	80.00	10.00	10.00	
43	Edison Avenue	Ramona Avenue to Central Avenue	48,238	36	60	91.85	1.84	6.31	80.00	10.00	10.00	
44	Edison Avenue	Central Avenue to Mountain Avenue	49,068	41	60	93.89	1.55	4.56	80.00	10.00	10.00	
45	Edison Avenue	Mountain Avenue to Euclid Avenue	46,915	47	60	94.71	1.44	3.85	80.00	10.00	10.00	
46	Edison Avenue	East of Euclid Avenue	62,141	43	60	94.63	1.42	3.95	80.00	10.00	10.00	
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	6,971	37	49	95.24	1.40	3.36	80.00	10.00	10.00	
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	3,854	38	44	88.12	3.83	8.05	80.00	10.00	10.00	
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	6,077	31	49	95.20	1.43	3.37	80.00	10.00	10.00	

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	4,485	40	49	97.15	0.89	1.96	80.00	10.00	10.00
51	Eucalyptus Avenue	East of Euclid Avenue	11,455	42	49	92.98	1.43	5.59	80.00	10.00	10.00
52	Chino Hills Parkway	SR-71 to Central Avenue	32,744	33	60	95.97	1.06	2.97	80.00	10.00	10.00
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	14,005	36	44	94.24	1.62	4.14	80.00	10.00	10.00
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	12,624	38	44	93.77	1.69	4.54	80.00	10.00	10.00
55	Kimball Avenue	El Prado Road to Euclid Avenue	33,269	45	44	95.48	1.12	3.40	80.00	10.00	10.00
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	37,910	40	49	94.57	1.23	4.20	80.00	10.00	10.00
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	33,213	40	30	94.21	1.35	4.44	80.00	10.00	10.00
58	Pine Avenue	SR-71 to Euclid Avenue	31,572	42	49	94.47	1.60	3.93	80.00	10.00	10.00
59	Pine Avenue	Euclid Avenue to Hellman Avenue	23,849	41	60	94.96	1.49	3.55	80.00	10.00	10.00
60	Pine Avenue	Hellman Avenue to Archibald Avenue	26,122	41	60	96.18	1.20	2.62	80.00	10.00	10.00
61	El Prado Road	Central Avenue to Pine Avenue	745	42	44	91.51	2.16	6.33	80.00	10.00	10.00
62	East End Avenue	North of Walnut Avenue	27,857	33	44	95.58	1.24	3.18	80.00	10.00	10.00
63	East End Avenue	Walnut Avenue to Riverside Drive	29,135	35	44	96.76	1.06	2.18	80.00	10.00	10.00
64	East End Avenue	Riverside Drive to Chino Avenue	18,270	35	44	97.35	0.84	1.81	80.00	10.00	10.00
65	East End Avenue	Chino Avenue to Schaefer Avenue	20,471	36	44	97.12	0.88	2.00	80.00	10.00	10.00
66	Pipeline Avenue	North of Walnut Avenue	3,831	25	44	98.45	0.55	1.00	80.00	10.00	10.00
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	18,214	34	44	97.48	0.82	1.70	80.00	10.00	10.00
68	Pipeline Avenue	Riverside Drive to Chino Avenue	17,754	35	44	97.00	1.04	1.96	80.00	10.00	10.00
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	16,956	38	44	96.51	1.22	2.27	80.00	10.00	10.00
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	15,466	37	44	97.98	0.72	1.30	80.00	10.00	10.00
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	24,185	33	44	97.46	0.81	1.73	80.00	10.00	10.00
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	26,476	38	44	98.04	0.68	1.28	80.00	10.00	10.00
73	Ramona Avenue	North of SR-60	20,966	34	49	96.22	0.96	2.82	80.00	10.00	10.00
74	Ramona Avenue	SR-60 to Riverside Drive	14,128	31	49	91.00	1.72	7.28	80.00	10.00	10.00
75	Ramona Avenue	Riverside Drive to Chino Avenue	20,546	37	49	93.58	1.42	5.00	80.00	10.00	10.00
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	19,746	38	49	93.06	1.50	5.44	80.00	10.00	10.00
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	14,470	38	49	94.49	1.32	4.19	80.00	10.00	10.00
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	10,170	34	60	92.12	1.84	6.04	80.00	10.00	10.00
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	16,451	35	60	94.27	1.53	4.20	80.00	10.00	10.00
80	Ramona Avenue	South of Chino Hills Parkway	14,774	35	60	95.20	1.15	3.65	80.00	10.00	10.00
81	Monte Vista Avenue	North of Walnut Avenue	13,512	35	44	98.09	0.64	1.27	80.00	10.00	10.00
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	11,904	33	44	97.19	0.89	1.92	80.00	10.00	10.00
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	4,878	41	44	93.80	1.73	4.47	80.00	10.00	10.00
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	3,846	32	44	96.93	0.99	2.08	80.00	10.00	10.00
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	7,845	37	44	96.20	1.27	2.53	80.00	10.00	10.00
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	10,513	38	44	94.75	1.71	3.54	80.00	10.00	10.00
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	4,741	37	44	95.26	1.71	3.03	80.00	10.00	10.00
88	Benson Avenue	North of Philadelphia Street	10,194	37	44	98.21	0.62	1.17	80.00	10.00	10.00
89	Benson Avenue	Philadelphia Street to Walnut Avenue	14,577	28	44	98.65	0.52	0.83	80.00	10.00	10.00
90	Benson Avenue	Walnut Avenue to Riverside Drive	7,774	31	44	98.14	0.70	1.16	80.00	10.00	10.00
91	Benson Avenue	Riverside Drive to Chino Avenue	9,090	33	44	96.57	0.99	2.44	80.00	10.00	10.00
92	Benson Avenue	Chino Avenue to Schaefer Avenue	7,326	38	44	98.04	0.71	1.25	80.00	10.00	10.00
93	Benson Avenue	South of Schaefer Avenue	0	0	44		0.00	0.00	80.00	10.00	10.00
94	Central Avenue	North of Philadelphia Street	57,903	41	60	97.16	0.80	2.04	80.00	10.00	10.00
95	Central Avenue	Philadelphia Street to SR-60	54,008	30	60	96.51	0.86	2.63	80.00	10.00	10.00
96	Central Avenue	SR-60 to Walnut Avenue	50,171	26	60	96.04	0.89	3.07	80.00	10.00	10.00
97	Central Avenue	Walnut Avenue to Riverside Drive	32,046	30	60	94.47	1.21	4.32	80.00	10.00	10.00
98	Central Avenue	Riverside Drive to Chino Avenue	29,027	32	60	94.66	1.18	4.16	80.00	10.00	10.00
99	Central Avenue	Chino Avenue to Schaefer Avenue	32,390	38	60	94.44	1.29	4.27	80.00	10.00	10.00
100	Central Avenue	Schaefer Avenue to Edison Avenue	26,988	38	60	93.95	1.43	4.62	80.00	10.00	10.00
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	33,870	35	60	94.56	1.33	4.11	80.00	10.00	10.00
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	37,746	38	60	95.09	1.26	3.65	80.00	10.00	10.00
103	Central Avenue	Chino Hills Parkway to El Prado Road	38,126	40	60	95.12	1.30	3.58	80.00	10.00	10.00
104	Central Avenue	El Prado Road to SR-71	46,663	41	60	94.55	1.17	4.28	80.00	10.00	10.00

105	Mountain Avenue	North of SR-60	37,395	38	60	96.91	0.85	2.24	80.00	10.00	10.00
106	Mountain Avenue	SR-60 to Riverside Drive	46,945	36	60	96.42	0.91	2.67	80.00	10.00	10.00
107	Mountain Avenue	Riverside Drive to Chino Avenue	19,792	36	49	96.00	1.01	2.99	80.00	10.00	10.00
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	14,467	40	49	95.78	1.09	3.13	80.00	10.00	10.00
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	8,417	42	49	98.28	0.61	1.11	80.00	10.00	10.00
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	1,323	41	44	99.23	0.37	0.40	80.00	10.00	10.00
111	Fern Avenue	Riverside Drive to Chino Avenue	3,592	35	44	99.16	0.36	0.48	80.00	10.00	10.00
112	Fern Avenue	Chino Avenue to Schaefer Avenue	2,127	35	49	99.42	0.29	0.29	80.00	10.00	10.00
113	Fern Avenue	Schaefer Avenue to Edison Avenue	1,523	35	49	97.15	1.00	1.85	80.00	10.00	10.00
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	111	35	44	95.69	1.21	3.10	80.00	10.00	10.00
115	Euclid Avenue	North of SR-60	19,500	33	95	96.68	0.80	2.52	80.00	10.00	10.00
116	Euclid Avenue	SR-60 to Walnut Avenue	29,492	38	95	96.21	0.95	2.84	80.00	10.00	10.00
117	Euclid Avenue	Walnut Avenue to Riverside Drive	24,419	38	95	95.60	1.09	3.31	80.00	10.00	10.00
118	Euclid Avenue	Riverside Drive to Chino Avenue	41,773	45	80	95.29	1.19	3.52	80.00	10.00	10.00
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	43,521	47	70	94.92	1.30	3.78	80.00	10.00	10.00
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	80,406	46	65	95.29	1.18	3.53	80.00	10.00	10.00
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	67,098	48	65	94.72	1.27	4.01	80.00	10.00	10.00
122	Euclid Avenue	Eucalyptus to Merrill Avenue	67,269	49	65	94.58	1.30	4.12	80.00	10.00	10.00
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	66,759	50	65	94.44	1.28	4.28	80.00	10.00	10.00
124	Euclid Avenue	Kimball Avenue to Pine Avenue	58,447	49	65	94.03	1.28	4.69	80.00	10.00	10.00
125	Euclid Avenue	Pine Avenue to SR-73	63,519	28	65	93.02	1.56	5.42	80.00	10.00	10.00
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	4,777	38	49	86.12	3.71	10.17	80.00	10.00	10.00
127	Hellman Avenue	Kimball Avenue to Pine Avenue	11,301	38	49	96.55	1.11	2.34	80.00	10.00	10.00
128	Hellman Avenue	Pine Avenue to Chino Corona Road	3,255	38	49	94.63	1.69	3.68	80.00	10.00	10.00
129	Hellman Avenue	Chino Corona Road to River Road	12,195	37	49	96.05	1.24	2.71	80.00	10.00	10.00
130	Walnut Avenue	West of Pipeline Avenue	5,900	35	30	98.22	0.55	1.23	80.00	10.00	10.00
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	9,454	36	30	97.43	0.68	1.89	80.00	10.00	10.00
132	Walnut Avenue	Ramona Avenue to Central Avenue	5,992	30	30	97.58	0.66	1.76	80.00	10.00	10.00
133	Walnut Avenue	Central Avenue to Mountain Avenue	7,053	31	30	98.46	0.49	1.05	80.00	10.00	10.00
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	6,957	31	30	98.84	0.45	0.71	80.00	10.00	10.00
135	Walnut Avenue	East of Euclid Avenue	18,251	38	30	97.36	0.79	1.85	80.00	10.00	10.00

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

Predicted Noise Levels

Project Name : Chino General Plan Update
Project Number : 10105
Modeled Condition : Adopted General Plan 2045 - Roadways
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
17	Phillips Boulevard	West of Ramona Avenue	60.4	49.4	58.7	63	3	9	27	86	271	858
18	Phillips Boulevard	Ramona Avenue to Central Avenue	64.4	50.4	57.7	65	5	15	48	153	482	1,526
19	Phillips Boulevard	Central Avenue to Mountain Avenue	46.6	33.1	40.3	48	0	0	1	3	8	26
20	Francis Avenue	West of Ramona Avenue	61.2	47.0	54.9	62	2	7	24	75	236	747
21	Francis Avenue	Ramona Avenue to Central Avenue	61.9	47.8	54.9	63	3	8	27	84	265	838
22	Francis Avenue	Central Avenue to Mountain Avenue	65.6	51.9	58.5	67	6	20	64	201	636	2,011
23	Philadelphia Street	West of City Boundary	62.2	49.2	58.5	64	3	11	34	108	342	1,080
24	Philadelphia Street	City Boundary to Ramona Avenue	66.7	56.3	66.2	70	13	40	127	401	1,269	4,013
25	Philadelphia Street	Ramona Avenue to Central Avenue	68.9	56.7	64.5	70	15	48	153	482	1,526	4,825
26	Philadelphia Street	Central Avenue to Mountain Avenue	67.6	54.6	62.2	69	15	47	147	466	1,473	4,657
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	63.0	50.4	58.0	64	5	17	52	165	523	1,653
28	Riverside Drive	SR-71 to Ramona Avenue	69.1	58.3	66.3	71	25	79	250	791	2,501	7,910
29	Riverside Drive	Ramona Avenue to Central Avenue	63.6	50.5	59.2	65	6	19	61	194	614	1,942
30	Riverside Drive	Central Avenue to Mountain Avenue	67.8	54.2	62.8	69	15	49	154	488	1,542	4,877
31	Riverside Drive	Mountain Avenue to Euclid Avenue	71.5	60.6	70.0	74	48	151	477	1,507	4,766	15,071
32	Riverside Drive	East of Euclid Avenue	66.7	56.9	66.6	70	19	59	185	586	1,854	5,863
33	Chino Avenue	SR-71 to Central Avenue	67.1	56.3	67.1	70	20	64	203	643	2,033	6,429
34	Chino Avenue	Central Avenue to Mountain Avenue	63.5	51.6	60.5	66	5	16	49	156	494	1,561
35	Chino Avenue	Mountain Avenue to Euclid Avenue	67.3	55.4	62.5	69	11	33	106	334	1,055	3,338
36	Chino Avenue	East of Euclid Avenue	67.2	57.9	66.6	70	15	46	146	461	1,457	4,607
37	Schaefer Avenue	West of Ramona Avenue	67.5	55.4	64.1	69	13	42	132	417	1,319	4,171
38	Schaefer Avenue	Ramona Avenue to Central Avenue	68.2	60.3	68.5	72	23	72	229	725	2,292	7,248
39	Schaefer Avenue	Central Avenue to Mountain Avenue	67.0	58.4	66.4	70	19	60	190	600	1,897	6,000
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	68.3	59.6	67.7	71	21	66	209	661	2,090	6,610
41	Schaefer Avenue	East of Euclid Avenue	64.2	52.4	60.7	66	6	20	62	195	617	1,951
42	Edison Avenue	SR-71 to Ramona Avenue	72.1	63.6	74.6	77	89	281	887	2,806	8,875	28,064
43	Edison Avenue	Ramona Avenue to Central Avenue	70.1	62.7	73.1	75	63	199	628	1,987	6,283	19,868
44	Edison Avenue	Central Avenue to Mountain Avenue	71.9	62.9	72.3	75	66	208	658	2,080	6,579	20,804
45	Edison Avenue	Mountain Avenue to Euclid Avenue	73.5	63.3	71.9	76	76	239	755	2,389	7,554	23,886
46	Edison Avenue	East of Euclid Avenue	73.6	63.9	72.9	77	85	268	848	2,680	8,475	26,801
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	63.1	54.2	63.0	66	7	21	66	209	661	2,090
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	61.0	56.6	64.8	67	7	21	65	206	651	2,058
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	60.3	52.5	63.2	65	5	16	51	162	513	1,623

50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	62.3	50.8	59.1	64	4	13	41	129	408	1,289
51	Eucalyptus Avenue	East of Euclid Avenue	66.7	57.3	67.9	71	18	56	178	563	1,779	5,626
52	Chino Hills Parkway	SR-71 to Central Avenue	67.6	58.0	68.6	71	26	81	256	809	2,559	8,094
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	66.2	58.1	67.3	70	14	45	142	450	1,424	4,502
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	66.4	58.2	67.5	70	15	47	149	471	1,491	4,715
55	Kimball Avenue	El Prado Road to Euclid Avenue	72.8	61.8	71.1	75	47	149	471	1,491	4,715	14,909
56	Kimball Avenue	Euclid Avenue to Hellman Avenue	71.4	61.5	71.6	75	46	145	457	1,446	4,573	14,461
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	72.9	63.4	73.4	76	41	131	414	1,310	4,141	13,095
58	Pine Avenue	SR-71 to Euclid Avenue	71.2	62.2	70.7	74	42	132	417	1,319	4,171	13,189
59	Pine Avenue	Euclid Avenue to Hellman Avenue	68.8	59.6	68.1	72	29	91	287	908	2,872	9,081
60	Pine Avenue	Hellman Avenue to Archibald Avenue	69.3	59.0	67.2	72	27	87	274	867	2,743	8,673
61	El Prado Road	Central Avenue to Pine Avenue	55.3	47.7	57.0	60	1	4	12	39	124	392
62	East End Avenue	North of Walnut Avenue	68.2	59.3	69.6	72	23	73	231	730	2,309	7,302
63	East End Avenue	Walnut Avenue to Riverside Drive	69.2	59.2	67.6	72	21	65	206	651	2,058	6,508
64	East End Avenue	Riverside Drive to Chino Avenue	67.2	56.2	64.7	69	12	37	118	375	1,184	3,745
65	East End Avenue	Chino Avenue to Schaefer Avenue	68.0	57.1	65.8	70	15	47	149	471	1,491	4,715
66	Pipeline Avenue	North of Walnut Avenue	56.2	45.3	55.5	59	1	4	11	36	113	358
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	66.8	55.9	64.7	69	11	36	113	358	1,131	3,576
68	Pipeline Avenue	Riverside Drive to Chino Avenue	67.0	57.0	65.0	69	12	38	121	383	1,212	3,832
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	67.8	58.1	65.7	70	15	46	146	461	1,457	4,607
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	67.2	55.2	62.8	69	10	33	103	326	1,031	3,262
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	67.6	56.9	66.3	70	15	46	146	461	1,457	4,607
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	69.8	57.5	65.2	71	19	59	188	594	1,877	5,935
73	Ramona Avenue	North of SR-60	66.9	56.7	67.1	70	16	51	162	513	1,623	5,131
74	Ramona Avenue	SR-60 to Riverside Drive	63.8	56.9	70.2	71	21	66	209	661	2,090	6,610
75	Ramona Avenue	Riverside Drive to Chino Avenue	67.7	58.9	69.4	72	24	76	240	759	2,400	7,589
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	67.9	59.2	69.7	72	25	79	251	795	2,513	7,947
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	66.6	57.3	67.2	70	16	51	162	513	1,623	5,131
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	62.7	55.5	66.4	68	13	40	125	396	1,254	3,964
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	65.2	57.0	66.6	69	16	50	158	499	1,578	4,991
80	Ramona Avenue	South of Chino Hills Parkway	64.8	55.3	65.5	68	13	42	131	415	1,313	4,151
81	Monte Vista Avenue	North of Walnut Avenue	65.9	53.7	61.9	68	8	25	78	247	782	2,474
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	64.6	54.2	63.7	67	8	24	76	242	765	2,418
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	63.2	54.7	63.6	67	7	21	65	206	651	2,058
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	59.3	49.6	59.4	63	2	8	25	78	247	782
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	64.1	54.7	62.7	67	7	21	67	211	666	2,106
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	65.7	57.5	65.6	69	11	35	111	350	1,105	3,495
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	61.9	53.8	61.3	65	4	14	44	139	440	1,391
88	Benson Avenue	North of Philadelphia Street	65.4	52.7	60.5	67	7	21	67	211	666	2,106
89	Benson Avenue	Philadelphia Street to Walnut Avenue	63.4	51.6	61.0	66	5	16	51	160	505	1,598
90	Benson Avenue	Walnut Avenue to Riverside Drive	62.0	50.9	60.1	64	4	12	37	118	375	1,184
91	Benson Avenue	Riverside Drive to Chino Avenue	63.4	53.5	63.5	67	7	21	65	206	651	2,058
92	Benson Avenue	Chino Avenue to Schaefer Avenue	64.3	52.1	59.5	66	5	16	52	163	517	1,635
93	Benson Avenue	South of Schaefer Avenue										
94	Central Avenue	North of Philadelphia Street	72.8	60.7	69.6	75	56	177	560	1,771	5,600	17,707
95	Central Avenue	Philadelphia Street to SR-60	68.6	58.6	70.6	73	37	117	370	1,170	3,700	11,699
96	Central Avenue	SR-60 to Walnut Avenue	66.4	57.5	70.4	72	30	95	301	951	3,007	9,509
97	Central Avenue	Walnut Avenue to Riverside Drive	66.2	57.8	70.5	72	30	95	301	951	3,007	9,509
98	Central Avenue	Riverside Drive to Chino Avenue	66.6	57.7	69.8	72	28	89	281	887	2,806	8,875
99	Central Avenue	Chino Avenue to Schaefer Avenue	69.2	59.8	69.9	73	36	114	362	1,143	3,615	11,433
100	Central Avenue	Schaefer Avenue to Edison Avenue	68.4	59.4	69.5	72	31	100	315	996	3,149	9,958
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	68.4	59.5	69.6	72	32	102	322	1,019	3,222	10,189
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	69.9	60.3	69.9	73	39	123	387	1,225	3,874	12,250
103	Central Avenue	Chino Hills Parkway to El Prado Road	70.6	60.9	70.1	74	43	137	435	1,375	4,347	13,745
104	Central Avenue	El Prado Road to SR-71	71.7	61.4	71.8	75	60	190	600	1,897	6,000	18,974

105	Mountain Avenue	North of SR-60	69.9	58.6	67.8	72	31	100	315	996	3,149	9,958
106	Mountain Avenue	SR-60 to Riverside Drive	70.2	59.5	69.3	73	38	120	379	1,197	3,786	11,972
107	Mountain Avenue	Riverside Drive to Chino Avenue	67.3	57.1	66.9	70	17	53	166	525	1,660	5,250
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	67.3	56.8	66.2	70	15	49	155	490	1,550	4,900
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	65.7	52.2	59.5	67	7	23	74	235	742	2,345
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	57.8	42.3	47.4	58	1	3	9	30	94	297
111	Fern Avenue	Riverside Drive to Chino Avenue	60.2	45.5	51.9	61	2	5	17	54	171	541
112	Fern Avenue	Chino Avenue to Schaefer Avenue	57.4	41.8	47.0	58	1	3	10	30	96	302
113	Fern Avenue	Schaefer Avenue to Edison Avenue	55.9	45.7	53.6	58	1	3	10	32	102	324
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	44.9	35.6	44.9	48	0	0	1	3	9	29
115	Euclid Avenue	North of SR-60	63.3	52.5	63.7	67	14	44	141	444	1,405	4,443
116	Euclid Avenue	SR-60 to Walnut Avenue	66.9	56.0	65.8	70	27	87	274	866	2,740	8,664
117	Euclid Avenue	Walnut Avenue to Riverside Drive	66.0	55.8	65.6	69	24	75	239	755	2,386	7,546
118	Euclid Avenue	Riverside Drive to Chino Avenue	71.2	60.4	69.6	74	59	188	593	1,875	5,930	18,754
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	72.5	61.9	70.9	75	70	221	700	2,214	7,000	22,136
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	75.2	64.3	73.5	78	121	383	1,210	3,827	12,104	38,275
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	74.9	64.1	73.4	78	116	366	1,156	3,655	11,559	36,552
122	Euclid Avenue	Eucalyptus to Merrill Avenue	75.2	64.4	73.6	78	121	383	1,210	3,827	12,104	38,275
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	75.4	64.4	73.8	78	127	401	1,267	4,008	12,674	40,079
124	Euclid Avenue	Kimball Avenue to Pine Avenue	74.6	63.7	73.6	77	110	349	1,104	3,491	11,039	34,907
125	Euclid Avenue	Pine Avenue to SR-73	67.9	61.1	73.8	75	65	206	650	2,055	6,500	20,555
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	61.4	56.9	66.3	68	10	30	96	302	955	3,021
127	Hellman Avenue	Kimball Avenue to Pine Avenue	65.6	55.4	63.6	68	10	31	98	309	978	3,092
128	Hellman Avenue	Pine Avenue to Chino Corona Road	60.1	51.8	60.2	64	3	11	35	110	347	1,097
129	Hellman Avenue	Chino Corona Road to River Road	65.6	56.1	64.5	68	10	33	105	331	1,048	3,313
130	Walnut Avenue	West of Pipeline Avenue	64.0	51.1	59.8	66	3	11	34	106	337	1,064
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	66.3	54.3	63.8	68	7	21	66	208	656	2,075
132	Walnut Avenue	Ramona Avenue to Central Avenue	62.1	50.9	62.3	65	3	10	33	104	329	1,040
133	Walnut Avenue	Central Avenue to Mountain Avenue	63.2	50.6	60.9	65	3	10	33	104	329	1,040
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	63.2	50.1	59.2	65	3	9	29	91	286	906
135	Walnut Avenue	East of Euclid Avenue	69.8	58.2	66.8	72	14	45	144	454	1,436	4,541

Ambient Noise Increase

ID	ROAD_NAME	SEGMENT	Classification	Width*	EXISTING 2024	ADOPTED GP 2045	GPU 2045	ΔdB GPU over Existing	Limit	Exceed?	ΔdB over Adopted	Limit	Exceed?	ΔdB Adopted over Existing	Limit	Exceed?
1	SR-71	South of City Boundary	Freeway	200	82.1	83.6	83.6	1.5	1.5	YES	0.0	3		1.5	1.5	YES
2	SR-71	Southern City Boundary to Euclid Avenue	Freeway	200	80.8	82.4	82.4	1.6	1.5	YES	0.0	3		1.6	1.5	YES
3	SR-71	Euclid Avenue to Pine Avenue	Freeway	200	79.7	80.9	80.9	1.2	1.5		0.0	3		1.2	1.5	
4	SR-71	Pine Avenue to Central Avenue	Freeway	200	80.1	81.6	81.6	1.5	1.5	YES	0.0	3		1.5	1.5	YES
5	SR-71	Central Avenue to Chino Hills Parkway	Freeway	200	80.6	82.0	82.0	1.4	1.5		0.0	3		1.4	1.5	
6	SR-71	Chino Hills Parkway to Grand Avenue	Freeway	200	81.0	82.2	82.3	1.3	1.5		0.1	3		1.2	1.5	
7	SR-71	Grand Avenue to Chino Avenue	Freeway	200	80.2	81.0	81.1	0.9	1.5		0.1	3		0.8	1.5	
8	SR-71	Chino Avenue to Riverside Drive	Freeway	200	82.1	83.5	83.5	1.4	1.5		0.0	3		1.4	1.5	
9	SR-71	Riverside Drive to SR-60	Freeway	200	79.7	82.0	82.0	2.3	1.5	YES	0.0	3		2.3	1.5	YES
10	SR-71	North of SR-60	Freeway	200	79.4	82.1	82.1	2.7	1.5	YES	0.0	3		2.7	1.5	YES
11	SR-60	SR-71 to Reservoir Street	Freeway	200	84.7	85.4	85.4	0.7	1.5		0.0	3		0.7	1.5	
12	SR-60	Reservoir Street to Ramona Avenue	Freeway	200	85.1	85.7	85.7	0.6	1.5		0.0	3		0.6	1.5	
13	SR-60	Ramona Avenue to Central Avenue	Freeway	200	85.2	85.8	85.9	0.7	1.5		0.1	3		0.6	1.5	
14	SR-60	Central Avenue to Mountain Avenue	Freeway	200	85.2	85.8	85.9	0.7	1.5		0.1	3		0.6	1.5	
15	SR-60	Mountain Avenue to Euclid Avenue	Freeway	200	85.3	85.9	85.9	0.6	1.5		0.0	3		0.6	1.5	
16	SR-60	East of Euclid Avenue	Freeway	200	85.2	85.8	85.8	0.6	1.5		0.0	3		0.6	1.5	
17	Phillips Boulevard	West of Ramona Avenue	Secondary Arterial	88	64.9	62.9	62.8	-2.1	3		-0.1	3		-2.0	3	
18	Phillips Boulevard	Ramona Avenue to Central Avenue	Secondary Arterial	88	62.2	65.4	61.9	-0.3	3		-3.5	3		-3.2	3	YES
19	Phillips Boulevard	Central Avenue to Mountain Avenue	Secondary Arterial	88	50.5	47.7	47.5	-3.0	5		-0.2	5		-2.8	5	
20	Francis Avenue	West of Ramona Avenue	Secondary Arterial	88	64.1	62.3	62.3	-1.8	3		0.0	3		-1.8	3	
21	Francis Avenue	Ramona Avenue to Central Avenue	Secondary Arterial	88	63.2	62.8	62.3	-0.9	3		-0.5	3		-0.4	3	
22	Francis Avenue	Central Avenue to Mountain Avenue	Secondary Arterial	88	66.0	66.6	66.3	0.3	1.5		-0.3	3		0.6	1.5	
23	Philadelphia Street	West of City Boundary	Secondary Arterial	88	63.1	63.9	64.0	0.9	3		0.1	3		0.8	3	
24	Philadelphia Street	City Boundary to Ramona Avenue	Secondary Arterial	88	68.7	68.6	69.7	1.0	1.5		0.1	3		0.9	1.5	
25	Philadelphia Street	Ramona Avenue to Central Avenue	Secondary Arterial	88	68.9	70.4	70.4	1.5	1.5	YES	0.0	3		1.5	1.5	YES
26	Philadelphia Street	Central Avenue to Mountain Avenue	Major Arterial	120	67.9	68.9	68.8	0.9	1.5		-0.1	3		1.0	1.5	
27	Philadelphia Street	Mountain Avenue to Euclid Avenue	Major Arterial	120	65.1	64.4	64.7	-0.4	1.5		0.3	3		-0.7	1.5	
28	Riverside Drive	SR-71 to Ramona Avenue	Major Arterial	120	70.2	71.2	71.3	1.1	1.5		0.1	3		1.0	1.5	
29	Riverside Drive	Ramona Avenue to Central Avenue	Major Arterial	120	63.4	65.1	64.9	1.5	3		-0.2	3		1.7	3	
30	Riverside Drive	Central Avenue to Mountain Avenue	Major Arterial	120	68.6	69.1	68.9	0.3	1.5		-0.2	3		0.5	1.5	
31	Riverside Drive	Mountain Avenue to Euclid Avenue	Major Arterial	120	73.0	74.0	73.9	0.9	1.5		-0.1	3		1.0	1.5	
32	Riverside Drive	East of Euclid Avenue	Major Arterial	120	69.2	69.9	69.9	0.7	1.5		0.0	3		0.7	1.5	
33	Chino Avenue	SR-71 to Central Avenue	Major Arterial	120	69.5	70.3	70.0	0.5	1.5		-0.3	3		0.8	1.5	
34	Chino Avenue	Central Avenue to Mountain Avenue	Secondary Arterial	88	65.1	65.5	65.3	0.2	1.5		-0.2	3		0.4	1.5	
35	Chino Avenue	Mountain Avenue to Euclid Avenue	Secondary Arterial	88	65.0	68.8	68.8	3.8	3	YES	0.0	3		3.8	3	YES
36	Chino Avenue	East of Euclid Avenue	Secondary Arterial	88	67.6	70.2	70.2	2.6	1.5	YES	-0.4	3		2.6	1.5	YES
37	Schaefer Avenue	West of Ramona Avenue	Primary Arterial	98	68.1	69.3	69.1	1.0	1.5		-0.2	3		1.2	1.5	
38	Schaefer Avenue	Ramona Avenue to Central Avenue	Primary Arterial	98	71.6	71.7	72.1	0.5	1.5		0.4	3		0.1	1.5	
39	Schaefer Avenue	Central Avenue to Mountain Avenue	Major Arterial	120	70.0	70.0	70.0	0.0	1.5		0.0	3		0.0	1.5	
40	Schaefer Avenue	Mountain Avenue to Euclid Avenue	Primary Arterial	98	69.7	71.3	71.3	1.6	1.5	YES	0.0	3		1.6	1.5	YES
41	Schaefer Avenue	East of Euclid Avenue	Primary Arterial	98	59.4	66.0	65.9	6.5	5	YES	-0.1	5		6.6	5	YES
42	Edison Avenue	SR-71 to Ramona Avenue	Major Arterial	120	75.8	76.7	76.7	0.9	1.5		0.0	3		0.9	1.5	
43	Edison Avenue	Ramona Avenue to Central Avenue	Major Arterial	120	73.6	75.2	75.4	1.8	1.5	YES	0.2	3		1.6	1.5	YES
44	Edison Avenue	Central Avenue to Mountain Avenue	Major Arterial	120	74.1	75.4	75.5	1.4	1.5		0.1	3		1.3	1.5	
45	Edison Avenue	Mountain Avenue to Euclid Avenue	Major Arterial	120	73.3	76.0	76.1	2.8	1.5	YES	0.1	3		2.7	1.5	YES
46	Edison Avenue	East of Euclid Avenue	Major Arterial	120	72.2	76.5	76.5	4.3	1.5	YES	0.0	3		4.3	1.5	YES
47	Eucalyptus Avenue	Pipeline Avenue to Ramona Avenue	Primary Arterial	98	66.2	66.3	67.1	0.9	1.5		0.8	3		0.1	1.5	
48	Eucalyptus Avenue	Ramona Avenue to Central Avenue	Secondary Arterial	88	66.6	66.7	66.0	-0.6	1.5		-0.7	3		0.1	1.5	
49	College Park Avenue	Central Avenue to Eucalyptus Avenue/Oaks Avenue	Primary Arterial	98	60.3	65.2	65.5	5.2	3	YES	0.3	3		4.9	3	YES
50	Eucalyptus Avenue	College Park Avenue/Oaks Avenue to Euclid Avenue	Primary Arterial	98	64.3	64.2	64.5	0.2	3		0.3	3		-0.1	3	
51	Eucalyptus Avenue	East of Euclid Avenue	Primary Arterial	98	64.0	70.6	70.4	6.4	3	YES	-0.2	3		6.6	3	YES
52	Chino Hills Parkway	SR-71 to Central Avenue	Major Arterial	120	69.9	71.3	71.4	1.5	1.5	YES	0.1	3		1.4	1.5	
53	Merrill Avenue	Euclid Avenue to Hellman Avenue	Secondary Arterial	88	68.0	70.1	69.9	1.9	1.5	YES	-0.2	3		2.1	1.5	YES
54	Merrill Avenue	Hellman Avenue to Archibald Avenue	Secondary Arterial	88	68.5	70.3	70.2	1.7	1.5	YES	-0.1	3		1.8	1.5	YES
55	Kimbali Avenue	El Prado Road to Euclid Avenue	Secondary Arterial	88	74.2	75.1	75.1	0.9	1.5	YES	-0.2	3		1.1	1.5	
56	Kimbali Avenue	Euclid Avenue to Hellman Avenue	Primary Arterial	98	71.2	74.7	74.5	3.3	1.5	YES	-0.2	3		3.1	1.5	YES
57	Limonite Avenue	Hellman Avenue to Archibald Avenue	Local	60	69.3	76.4	76.5	7.2	1.5	YES	0.1	3		7.1	1.5	YES
58	Pine Avenue	SR-71 to Euclid Avenue	Primary Arterial	98	72.1	74.3	74.1	2.0	1.5	YES	-0.2	3		2.2	1.5	YES
59	Pine Avenue	Euclid Avenue to Hellman Avenue	Major Arterial	120	70.5	71.8	71.3	0.8	1.5		-0.5	3		1.3	1.5	
60	Pine Avenue	Hellman Avenue to Archibald Avenue	Major Arterial	120	71.8	71.6	71.6	-0.2	1.5		0.0	3		-0.2	1.5	
61	El Prado Road	Central Avenue to Pine Avenue	Secondary Arterial	88	62.2	59.5	60.0	-2.2	3		0.5	3		-2.7	3	
62	East End Avenue	North of Walnut Avenue	Secondary Arterial	88	71.0	72.2	72.3	1.3	1.5		0.1	3		1.2	1.5	
63	East End Avenue	Walnut Avenue to Riverside Drive	Secondary Arterial	88	70.4	71.7	71.7	1.3	1.5		0.0	3		1.3	1.5	
64	East End Avenue	Riverside Drive to Chino Avenue	Secondary Arterial	88	68.6	69.3	69.3	0.7	1.5		0.0	3		0.7	1.5	
65	East End Avenue	Chino Avenue to Schaefer Avenue	Secondary Arterial	88	68.8	70.3	70.3	1.5	1.5	YES	0.0	3		1.5	1.5	YES
66	Pipeline Avenue	North of Walnut Avenue	Secondary Arterial	88	60.9	59.1	60.1	-0.8	3		-1.8	3		-1.0	3	
67	Pipeline Avenue	Walnut Avenue to Riverside Drive	Secondary Arterial	88	68.3	69.1	69.2	0.9	1.5		0.1	3		0.8	1.5	
68	Pipeline Avenue	Riverside Drive to Chino Avenue	Secondary Arterial	88	69.0	69.4	69.5	0.5	1.5		0.1	3		0.4	1.5	
69	Pipeline Avenue	Chino Avenue to Schaefer Avenue	Secondary Arterial	88	69.9	70.2	70.4	0.5	1.5		0.2	3		0.3	1.5	
70	Pipeline Avenue	Schaefer Avenue to Edison Avenue	Secondary Arterial	88	67.5	68.7	69.0	1.5	1.5	YES	0.3	3		1.2	1.5	
71	Pipeline Avenue	Edison Avenue to Eucalyptus Avenue	Secondary Arterial	88	71.0	70.2	70.5	-0.5	1.5		0.3	3		-0.8	1.5	
72	Pipeline Avenue	Eucalyptus Avenue to SR-71	Secondary Arterial	88	71.3	71.3	71.4	0.1	1.5		0.1	3		0.0	1.5	
73	Ramona Avenue	North of SR-60	Primary Arterial	98	69.0	70.2	70.3	1.3	1.5		0.1	3		1.2	1.5	
74	Ramona Avenue	SR-60 to Riverside Drive	Primary Arterial	98	71.8	71.3	71.4	-0.4	1.5		0.1	3		-0.5	1.5	
75	Ramona Avenue	Riverside Drive to Chino Avenue	Primary Arterial	98	72.9	71.9	72.1	-0.8	1.5		0.2	3		-1.0	1.5	
76	Ramona Avenue	Chino Avenue to Schaefer Avenue	Primary Arterial	98	72.6	72.1	72.5	-0.1	1.5		0.4	3		-0.5	1.5	
77	Ramona Avenue	Schaefer Avenue to Edison Avenue	Primary Arterial	98	70.5	70.2	70.8	0.3	1.5		0.6	3		-0.3	1.5	
78	Ramona Avenue	Edison Avenue to Eucalyptus Avenue	Major Arterial	120	67.7	68.2	69.3	1.6	1.5	YES	1.1	3		0.5	1.5	
79	Ramona Avenue	Eucalyptus Avenue to Chino Hills Parkway	Major Arterial	120	70.2	69.2	70.4	0.2	1.5		1.2	3		-1.0	1.5	
80	Ramona Avenue	South of Chino Hills Parkway	Major Arterial	120	68.3	68.4	68.9	0.6	1.5		0.5	3		0.1	1.5	
81	Monte Vista Avenue	North of Walnut Avenue	Secondary Arterial	88	67.7	67.5	67.7	0.0	1.5		0.2	3		-0.2	1.5	
82	Monte Vista Avenue	Walnut Avenue to Riverside Drive	Secondary Arterial	88	67.2	67.4	67.4	0.4	1.5		0.2	3		0.2	1.5	
83	Monte Vista Avenue	Riverside Drive to Chino Avenue	Secondary Arterial	88	67.1	66.7	66.9	-0.2	1.5		0.2	3		-0.4	1.5	
84	Monte Vista Avenue	Chino Avenue to Schaefer Avenue	Secondary Arterial	88	63.8	62.5	63.0	-0.8	3		0.5	3		-1.3	3	
85	Monte Vista Avenue	Schaefer Avenue to Edison Avenue	Secondary Arterial	88	67.3	66.8	66.2	0.9	1.5		1.4	3		-0.5	1.5	
86	Monte Vista Avenue	Edison Avenue to Eucalyptus Avenue	Secondary Arterial	88	71.0	69.0	71.0	1.1	1.5		2.0	3		-0.9	1.5	
87	Monte Vista Avenue	Eucalyptus Avenue to Chino Hills Parkway	Secondary Arterial	88	65.4	65.0	68.0	2.6	1.5	YES	3.0	3	YES	-0.4	1.5	
88	Benson Avenue	North of Philadelphia Street	Secondary Arterial	88	65.8	66.8	66.7	0.9	1.5		-0.1	3		1.0	1.5	
89	Benson Avenue	Philadelphia Street to Walnut Avenue	Secondary Arterial	88	65.9	65.6	65.6	-0.3	1.5		0.0	3		-0.3	1.5	
90	Benson Avenue	Walnut Avenue to Riverside Drive	Secondary Arterial	88	64.7	64.3	64.3	-0.4	3		0.0	3		-0.4	3	
91	Benson Avenue	Riverside Drive to Chino Avenue	Secondary Arterial	88	67.0	66.7	66.6	-0.4	1.5		-0.1	3		-0.3	1.5	
92	Benson Avenue	Chino Avenue to Schaefer Avenue	Secondary Arterial	88	66.2	65.7	66.2	0								

ID	ROAD_NAME	SEGMENT	Classification	Width*	EXISTING 2024	ADOPTED GP 2045	GPU 2045	ΔdB GPU over Existing	Limit	Exceed?	ΔdB over Adopted	Limit	Exceed?	ΔdB Adopted over Existing	Limit	Exceed?
93	Benson Avenue	South of Schaefer Avenue	Secondary Arterial	88	66.2	65.7	66.2	0.0	1.5		0.5	3		-0.5	1.5	
94	Central Avenue	North of Philadelphia Street	Major Arterial	120	73.9	74.7	74.6	0.7	1.5		-0.1	3		0.8	1.5	
95	Central Avenue	Philadelphia Street to SR-60	Major Arterial	120	72.6	72.9	72.8	0.2	1.5		-0.1	3		0.3	1.5	
96	Central Avenue	SR-60 to Walnut Avenue	Major Arterial	120	72.2	72.0	71.9	-0.3	1.5		-0.1	3		-0.2	1.5	
97	Central Avenue	Walnut Avenue to Riverside Drive	Major Arterial	120	71.5	72.0	71.7	0.2	1.5		-0.3	3		0.5	1.5	
98	Central Avenue	Riverside Drive to Chino Avenue	Major Arterial	120	71.5	71.7	71.0	-0.5	1.5		-0.7	3		0.2	1.5	
99	Central Avenue	Chino Avenue to Schaefer Avenue	Major Arterial	120	71.8	72.8	72.0	0.2	1.5		-0.8	3		1.0	1.5	
100	Central Avenue	Schaefer Avenue to Edison Avenue	Major Arterial	120	71.5	72.2	71.1	-0.4	1.5		-1.1	3		0.7	1.5	
101	Central Avenue	Edison Avenue to Eucalyptus Avenue	Major Arterial	120	71.5	72.3	71.2	-0.3	1.5		-1.1	3		0.8	1.5	
102	Central Avenue	Eucalyptus Avenue to Chino Hills Parkway	Major Arterial	120	72.0	73.1	72.3	0.3	1.5		-0.8	3		1.1	1.5	
103	Central Avenue	Chino Hills Parkway to El Prado Road	Major Arterial	120	73.1	73.6	73.3	0.2	1.5		-0.3	3		0.5	1.5	
104	Central Avenue	El Prado Road to SR-71	Major Arterial	120	74.7	75.0	74.7	0.0	1.5		-0.3	3		0.3	1.5	
105	Mountain Avenue	North of SR-60	Major Arterial	120	72.1	72.2	72.2	0.1	1.5		0.0	3		0.1	1.5	
106	Mountain Avenue	SR-60 to Riverside Drive	Major Arterial	120	72.1	73.0	72.9	0.8	1.5		-0.1	3		0.9	1.5	
107	Mountain Avenue	Riverside Drive to Chino Avenue	Primary Arterial	98	70.9	70.3	70.7	-0.2	1.5		0.4	3		-0.6	1.5	
108	Mountain Avenue	Chino Avenue to Schaefer Avenue	Primary Arterial	98	70.9	70.0	70.2	-0.7	1.5		0.2	3		-0.9	1.5	
109	Mountain Avenue	Schaefer Avenue to Edison Avenue	Primary Arterial	98	67.7	66.8	66.9	-0.8	1.5		0.1	3		-0.9	1.5	
110	Mountain Avenue	Edison Avenue to Eucalyptus Avenue	Secondary Arterial	88	62.6	58.3	59.3	-3.3	3		1.0	3		-4.3	3	
111	Fern Avenue	Riverside Drive to Chino Avenue	Secondary Arterial	88	59.4	60.9	60.0	0.6	5		-0.9	5		1.5	5	
112	Fern Avenue	Chino Avenue to Schaefer Avenue	Primary Arterial	98	54.8	57.9	56.0	1.2	5		-1.9	5		3.1	5	
113	Fern Avenue	Schaefer Avenue to Edison Avenue	Primary Arterial	98	57.8	58.2	58.2	0.4	5		0.0	5		0.4	5	
114	Fern Avenue	Edison Avenue to Eucalyptus Avenue	Secondary Arterial	88	60.5	48.2	47.9	-12.6	3		-0.3	3		-12.3	3	
115	Euclid Avenue	North of SR-60	Expressway	190	67.2	66.7	66.7	-0.5	1.5		0.0	3		-0.5	1.5	
116	Euclid Avenue	SR-60 to Walnut Avenue	Expressway	190	69.0	69.6	69.6	0.6	1.5		0.0	3		0.6	1.5	
117	Euclid Avenue	Walnut Avenue to Riverside Drive	Expressway	190	67.9	69.0	69.0	1.1	1.5		0.0	3		1.1	1.5	
118	Euclid Avenue	Riverside Drive to Chino Avenue	Expressway	160	71.8	73.7	73.6	1.8	1.5	YES	-0.1	3		1.9	1.5	YES
119	Euclid Avenue	Chino Avenue to Schaefer Avenue	Expressway	140	73.0	75.0	74.9	1.9	1.5	YES	-0.1	3		2.0	1.5	YES
120	Euclid Avenue	Schaefer Avenue to Edison Avenue	Expressway	130	75.4	77.7	77.6	2.2	1.5	YES	-0.1	3		2.3	1.5	YES
121	Euclid Avenue	Edison Avenue to Eucalyptus Avenue	Expressway	130	75.1	77.5	77.2	2.1	1.5	YES	-0.3	3		2.4	1.5	YES
122	Euclid Avenue	Eucalyptus to Merrill Avenue	Expressway	130	75.2	77.7	77.5	2.3	1.5	YES	-0.2	3		2.5	1.5	YES
123	Euclid Avenue	Merrill Avenue to Kimball Avenue	Expressway	130	75.2	77.9	77.7	2.5	1.5	YES	-0.2	3		2.7	1.5	YES
124	Euclid Avenue	Kimball Avenue to Pine Avenue	Expressway	130	74.0	77.3	76.9	2.9	1.5	YES	-0.4	3		3.3	1.5	YES
125	Euclid Avenue	Pine Avenue to SR-73	Expressway	130	72.6	75.0	74.9	2.3	1.5	YES	-0.1	3		2.4	1.5	YES
126	Hellman Avenue	Merrill Avenue to Kimball Avenue	Primary Arterial	98	60.8	67.9	66.0	7.2	3	YES	0.1	3		7.1	3	YES
127	Hellman Avenue	Kimball Avenue to Pine Avenue	Primary Arterial	98	68.0	66.0	69.0	1.0	1.5		1.0	3		0.0	1.5	
128	Hellman Avenue	Pine Avenue to Chino Corona Road	Primary Arterial	98	59.7	63.5	63.2	3.5	5		-0.3	5		3.8	5	
129	Hellman Avenue	Chino Corona Road to River Road	Primary Arterial	98	67.3	68.3	68.5	1.2	1.5		0.2	3		1.0	1.5	
130	Walnut Avenue	West of Pipeline Avenue	Collector	60	64.7	65.5	65.5	0.8	3		0.0	3		0.8	3	
131	Walnut Avenue	Pipeline Avenue to Ramona Avenue	Collector	60	68.2	68.4	68.6	0.4	1.5		0.2	3		0.2	1.5	
132	Walnut Avenue	Ramona Avenue to Central Avenue	Collector	60	67.3	65.4	66.0	-1.3	1.5		0.6	3		-1.9	1.5	
133	Walnut Avenue	Central Avenue to Mountain Avenue	Collector	60	65.3	65.4	65.5	0.2	1.5		0.1	3		0.1	1.5	
134	Walnut Avenue	Mountain Avenue to Euclid Avenue	Collector	60	65.0	64.8	65.0	0.0	3		0.2	3		-0.2	3	
135	Walnut Avenue	East of Euclid Avenue	Collector	60	71.1	71.8	71.8	0.7	1.5		0.0	3		0.7	1.5	
				MIN:	50.5	47.7	47.5									
				MAX:	75.8	77.9	77.7									

*SR-71 and SR-60 widths were modeled as 200 feet, Euclid Avenue widths were based on aerial measurements, and other roadway widths are based on GP Circulation Element ROW distances.

SoundPLAN Data - Railroad

Track Station km	Rail track:	Direction:	Section:	Km:	Coordinates of track axis			Track type [dB]	Curve radius [dB]	Multiple reflections [dB]	Corrected Emission level		
					X	Y	Z				day	Evening	night
0+000	Rail1		1	0+000									
6+795	Rail1		1	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	1	0	16	61	yes	42.8	-	44
					432606.7	3767493	-	-	-	-	-	42.8	-
					437072.6	3763613	-	-	-	-	-	42.8	-
0+000	Rail1		2	0+000									
3+541	Rail1		2	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	1	0	16	61	yes	42.8	-	44
					436322.3	3763679	-	-	-	-	-	42.8	-
					434144.9	3762119	-	-	-	-	-	42.8	-
0+000	Rail1		3	0+000									
1+683	Rail1		3	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	2	0	16	61	yes	45.8	-	47
					434180.7	3761796	-	-	-	-	-	45.8	-
					435099.2	3762473	-	-	-	-	-	45.8	-
0+000	Rail1		4	0+000									
0+404	Rail1		4	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	2	0	16	61	yes	45.8	-	47
					434320	3761673	-	-	-	-	-	45.8	-
					434194.9	3762004	-	-	-	-	-	45.8	-
0+000	Rail1		5	0+000									
2+308	Rail1		5	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	2	0	16	61	yes	45.8	-	47
					436145.9	3761209	-	-	-	-	-	45.8	-
					435877.2	3762473	-	-	-	-	-	45.8	-
0+000	Rail1		6	0+000									
0+192	Rail1		6	0+000									
	Train type				Number of trains			Speed	Length per		Emission level		
					day	Evening	night	km/h	m	Max	day	Evening	night
					0	2	0	16	61	yes	45.8	-	47
					435640.7	3762473	-	-	-	-	-	45.8	-
					435756.1	3762345	-	-	-	-	-	45.8	-