City of Santa Rosa—College Creek Apartments Project	
CEQA Guidelines Section 15183 Environmental Checklist	

Appendix C: Noise Supporting Information



Project Number: 52 Project Name: Colk Test Personnel: 52	88.000 ge Creek Apart encer P.	ments		Sheetof
	Noise M	leasurement S	urvey	
Site Number: 57-1	Date: 11/7/2	019 Time:	From 1:34 pm	Го <u>1:49 pm</u>
Site Location: Southwest Corner Station	of site 20fo	cet to proporty	line, adjacent	to CALFIRE
Primary Noise Source	ces: <u>Minimal noise</u>	Some mainten	ance work and i	NOTE
Measurement Resu	ults O	bserved Noise Sour	ces/Events	
dB Leq 43 Lmax 51 25 25 25 25 25 25 25	A Tir	me Noi	se Source/Event	dBA
Comments:				

Equipment:	ed⊠ Other□	Measu Slow ∑	red Difference: <u>←0</u> Fast□ Wir	dBA dscreen
Atmospheric Cond Maximum Wind	litions: Average Wind		Relative	
Velocity (mph)	Velocity (mph)	Temperature (F)	Humidity (%)	
2.8	1.0	700		
Comments:	Partly Cloud	ly w/ slight wi	nds	

Project Number: _5 Project Name: _6] Test Personnel: \$6	1288.000 lege Creek Apart near P.	ments		Sheetof
	Noise M	Ieasurement S	urvey	
Site Number: 57-2	Date: 11/7/20	7)9 Time:	From 1:15 p.m.	ro 1:30 pm
Site Location: North east work	-purtion of proj	ect site, man	ferro line alja	unt to creek
Primary Noise Source	ces: Tiaffic of	Wost College	Ave/Stony	Point Rd.
Measurement Resu	ılts O	bserved Noise Sour		
dB	A Tin	me Noi	se Source/Event	dBA
Leq 50.	.]			
Lmax 64	7			
Lmin 41.6				
L5 54.				
L10 51,1	,			
L50 46.0	2			
L90 43				
Ldn				
CNEL				
Comments:				
Equipment: <u>LXT-</u> Settings: A-Weight	ed⊠ Other□		red Difference: <u>-</u> Ò Fast□ Wir	dBA dscreen
Atmospheric Cond	T .		Deletion	
Maximum Wind	Average Wind	Tomporeture (E)	Relative	
Velocity (mph) 2.8	Velocity (mph)	Temperature (F)	Humidity (%)	
L.D	1.0	10		1

Comments:

Partly Cloudy W/ slight winds

Project Number 528 Project Name: College Test Personnel: Special Project Name: Special Project Number 528	8.000 Creek Apa	tmants	_	Sheetof
	Noise M	Ieasurement S	urvey	
Site Number: ST-3	Date: 11/7/20	7 <u>19</u> Time:	From 12:49 pm	To 1:04 pm
Site Location: Northern boundary across from Na				•
Primary Noise Sour	ces: Fraffizan	West College F	Ive	
Measurement Resu	ults O	bserved Noise Sour	rces/Events	
dB Leq 72.2 Lmax 83.0 Lmin 45.4 L5 77.1 L10 75.9 L50 70.3 L90 60.2 Ldn CNEL		me Noi	se Source/Event	dBA
Comments:				
Equipment: LXT- Settings: A-Weight	ed⊠ Other□		red Difference: <u>C</u> Fast□ Wi	0.05 dBA ndscreep⊠
Maximum Wind Velocity (mph)	Average Wind Velocity (mph)	Temperature (F)	Relative Humidity (%)	
Comments:		y w/ slight win	x's	

Summary			
Filename	LxT_Data.110		
Serial Number	4397		
Model	SoundTrack LxT®		
Firmware Version	2.301		
User			
Location			
Job Description			
Note			
Measurement Description			
Start	2019/11/07 13:59:13		
Stop	2019/11/08 13:59:15		
Duration	1 Day 00:00:01.7		
Run Time	1 Day 00:00:01.7		
Pause	0:00:00.0		
Pre Calibration	2019/11/07 13:56:33		
Post Calibration	None		
Calibration Deviation	None		
Calibration Deviation			
0			
Overall Settings			
RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamp	PRMLxT2B		
Microphone Correction	Off		
Integration Method	Exponential		
Overload	145.7 dB		
	Α	С	z
Under Range Peak	101.9	98.9	103.9
Under Range Limit	38.0	36.0	44.0
_			
Noise Floor	25.2	25.7	33.2
Results			
LASeq	47.0 dB		
LASE	96.4 dB		
EAS	484.406 μPa²	h	
EAS8	161.465 μPa²	h	
EAS40	807.327 μPa ²	h	
LApeak (max)	2019/11/08 13:25:14	119.0 dB	
LASmax	2019/11/08 13:25:14	88.3 dB	
EASITION			
I A Smin	2010/11/00 1-26-50	21 2 dp	
LASmin	2019/11/08 1:36:50	31.3 dB	
LASmin SEA	2019/11/08 1:36:50 -99.9 dB	31.3 dB	
SEA	-99.9 dB		
SEA LAS > 85.0 dB (Exceedence Counts / Duration)	-99.9 dB 1	1.8 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0		
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration)	-99.9 dB 1	1.8 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0	1.8 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0 0	1.8 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0 0	1.8 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0 0 0 0	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s	2:00-07:00
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration)	-99.9 dB 1 0 0 0 0	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise	-99.9 dB 1 0 0 0 0 0 Ldn LDa 48.4	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s	2:00-07:00 37.4
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq	-99.9 dB 1 0 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
SEA LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq LAeq	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	
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LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LASeq LASeq LAleq LAeq LAleq LAeq UAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 9 07:00-22:00 LNight 2 48.9	
LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LASeq LASeq LAleq LAleq LAleq LAleq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level	-99.9 dB 1 0 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s 48.9 OSHA-2 5 dB 80 dB 90 dB	
LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LASeq LASeq LAleq LAeq LAleq LAeq UAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold	-99.9 dB 1 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 9 07:00-22:00 LNight 2 48.9	
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LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq LAleq LAleq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level Criterion Duration Results	-99.9 dB 1 0 0 0 0 0 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s	1.8 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s y 07:00-22:00 LNight 2 48.9	
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LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq LAleq LAleq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level Criterion Duration Results Dose Projected Dose TWA (Projected) TWA (t) Lep (t) Statistics LAS5.00 LAS10.00 LAS33.30	-99.9 dB 1 0 0 0 0 0 1 Ldn LDa' 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 s 0 0.0 s OSHA-1 5 90 90 90 8 -99.9 -99.9 -99.9 -99.9 51.8	1.8 s 0.0 s	
LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq LAleq LAleq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level Criterion Duration Results Dose Projected Dose TWA (Projected) TWA (t) Lep (t) Statistics LAS5.00 LAS50.00 LAS33.30 LAS50.00	-99.9 dB 1 0 0 0 0 0 1 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s OSHA-1 5 90 90 8 -99.9 -99.9 -99.9 51.8 50.8 dB 48.5 dB 48.5 dB 42.3 dB	1.8 s 0.0 s	
LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level Criterion Duration Results Dose Projected Dose TWA (Projected) TWA (t) Lep (t) Statistics LASS.00 LAS31.30 LAS50.00 LAS31.30 LAS50.00 LAS66.60	-99.9 dB 1 0 0 0 0 0 1dn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s OSHA-1 5 90 90 8 -99.9 -99.9 -99.9 -99.9 51.8	1.8 s 0.0 s	
LAS > 85.0 dB (Exceedence Counts / Duration) LAS > 115.0 dB (Exceedence Counts / Duration) LApeak > 135.0 dB (Exceedence Counts / Duration) LApeak > 137.0 dB (Exceedence Counts / Duration) LApeak > 140.0 dB (Exceedence Counts / Duration) Community Noise LCSeq LASeq LCSeq - LASeq LAleq LAleq LAleq LAleq - LAeq # Overloads Overload Duration Dose Settings Dose Name Exch. Rate Threshold Criterion Level Criterion Duration Results Dose Projected Dose TWA (Projected) TWA (t) Lep (t) Statistics LAS5.00 LAS50.00 LAS33.30 LAS50.00	-99.9 dB 1 0 0 0 0 0 1 Ldn LDa 48.4 63.1 dB 47.0 dB 16.0 dB 53.4 dB 47.0 dB 6.4 dB 0 0.0 s OSHA-1 5 90 90 8 -99.9 -99.9 -99.9 51.8 50.8 dB 48.5 dB 48.5 dB 42.3 dB	1.8 s 0.0 s	

Summary

TABLE Existing-01 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Putney Drive to Navarro Street

NOTES: 2150 West College Avenue - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

NIGHT
9.34
0.19
0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTERI	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	68.2	139.7	297.3

TABLE Existing-02 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Navarro Street to Marlow Road

NOTES: 2150 West College Avenue - Existing

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12700 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

NTGHT
9.34
0.19
0.08

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTERI	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	67.9	144.4	310.1

TABLE Existing plus Project-01 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Putney Drive to Navarro Street

NOTES: 2150 West College Avenue - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11900 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTERI	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	68.2	139.7	297.3

TABLE Existing plus Project-02 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Navarro Street to Marlow Road

NOTES: 2150 West College Avenue - Existing plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13400 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NTGHT
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTER	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	70.3	149.6	321.4

TABLE Future-01 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Putney Drive to Navarro Street

NOTES: 2150 West College Avenue - Future

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12500 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NTGHT.
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTERI	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	70.2	144.2	307.2

TABLE Future-02 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Navarro Street to Marlow Road

NOTES: 2150 West College Avenue - Future

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13600 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

NTGHT
9.34
0.19
0.08

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTER	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	70.9	151.1	324.6

TABLE Future plus Project-01 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Putney Drive to Navarro Street

NOTES: 2150 West College Avenue - Future plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12600 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTER	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	70.6	144.9	308.8

TABLE Future plus Project-02 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 11/27/2019

ROADWAY SEGMENT: West College Avenue - Navarro Street to Marlow Road

NOTES: 2150 West College Avenue - Future plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14300 SPEED (MPH): 40 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	
88.08	9.34
M-TRUCKS	
1.65	0.19
H-TRUCKS	
0.66	0.08

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

DISTANCE	(FEET) FROM	ROADWAY CENTERI	LINE TO Ldn
70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	73.3	156.2	335.6