

## **APPENDIX D**

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Noise Modeling Data

Appendix XX  
**Long-Term 24 Hour Continuous Noise Monitoring**  
 Model Input Sheet



**Project:** Yuba County General Plan Update  
**Date:** July 11, 2007  
**Site:** Dobbins

Hour	Leq	Lmax	L50	L90
14:00	52.5	76.1	40	34
15:00	48.9	78.6	38	32
16:00	45.5	69.9	38	32
17:00	44.5	64.1	42	34
18:00	46.6	67.8	44	43
19:00	44.9	65.7	43	37
20:00	47.9	74.6	39	36
21:00	41.0	60.1	36	35
22:00	34.1	50.2	33	31
23:00	33.8	50.7	31	29
0:00	33.9	54.9	30	28
1:00	30.9	50.4	29	28
2:00	33.0	50.1	29	28
3:00	35.4	55.1	30	28
4:00	37.5	60.1	29	28
5:00	46.4	77.1	38	32
6:00	41.3	55.4	38	32
7:00	42.3	60.2	39	34
8:00	50.5	70.6	42	36
9:00	43.7	63.4	40	34
10:00	41.2	58.6	38	34
11:00	43.7	61.0	39	33
12:00	46.0	66.1	41	36
13:00	42.9	58.5	40	35

Daytime (7 a.m. - 7 p.m.)  
 Evening (7 p.m. - 9 p.m.)  
 Nighttime (9 p.m. - 7 a.m.)

Averages			
Leq	Lmax	L50	L90
47.1	66.2	40.1	34.7
45.5	66.8	39.3	36.1
39.3	56.0	31.7	29.4

Daytime (7 a.m. - 7 p.m.)  
 Evening (7 p.m. - 9 p.m.)  
 Nighttime (9 p.m. - 7 a.m.)

Uppermost-Level			
Leq	Lmax	L50	L90
52.5	78.6	44.4	42.6
47.9	74.6	42.8	37.3
46.4	77.1	38.0	31.7

Percentage of Energy	
Daytime	77%
Evening	13%
Nighttime	10%

Calculated CNEL, dBA
48.5

Appendix XX  
**Long-Term 24 Hour Continuous Noise Monitoring**  
 Model Input Sheet



**Project:** Yuba County General Plan Update  
**Date:** July 11, 2007  
**Site:** Brownsville

Hour	Leq	Lmax	L50	L90
12:00	57.5	73.4	49.2	41.7
13:00	53.0	79.9	44.2	33.6
14:00	47.0	62.0	40.9	32.2
15:00	49.7	73.3	41.6	33.4
16:00	48.0	67.5	41.3	32.2
17:00	47.2	64.9	42.4	33.1
18:00	46.6	62.2	38.0	28.1
19:00	48.0	75.1	33.8	27.6
20:00	42.8	61.2	32.8	26.8
21:00	43.3	60.0	32.5	26.6
22:00	41.4	61.1	33.4	30.2
23:00	41.6	64.7	32.9	29.7
0:00	53.2	77.3	38.5	30.9
1:00	39.7	60.4	38.5	28.2
2:00	37.1	53.5	31.6	28.4
3:00	41.7	63.0	38.0	30.5
4:00	37.9	52.0	36.5	29.2
5:00	42.8	63.0	34.5	28.6
6:00	43.4	62.4	35.9	31.1
7:00	44.0	62.4	34.7	29.6
8:00	45.5	60.0	39.0	33.9
9:00	46.4	63.9	40.3	31.7
10:00	46.1	64.7	37.2	28.8
11:00	46.5	61.2	39.9	31.2

Averages				
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	50.2	66.3	40.7	32.4
Evening (7 p.m. - 9 p.m.)	45.4	65.4	33.0	27.0
Nighttime (9 p.m. - 7 a.m.)	45.4	61.9	35.5	29.6

Uppermost-Level				
	Leq	Lmax	L50	L90
Daytime (7 a.m. - 7 p.m.)	57.5	79.9	49.2	41.7
Evening (7 p.m. - 9 p.m.)	48.0	75.1	33.8	27.6
Nighttime (9 p.m. - 7 a.m.)	53.2	77.3	38.5	31.1

Percentage of Energy	
Daytime	75%
Evening	6%
Nighttime	19%

Calculated CNEL, dBA
52.9

Appendix XX  
**Long-Term 24 Hour Continuous Noise Monitoring**  
 Model Input Sheet



**Project:** Yuba County General Plan Update  
**Date:** July 11, 2007  
**Site:** Loma Rica

Hour	Leq	Lmax	L50	L90
15:00	45.1	60.2	43	41
16:00	44.2	59.1	42	40
17:00	49.1	67.0	45	41
18:00	53.1	87.1	43	40
19:00	44.6	62.8	43	40
20:00	58.7	81.2	43	41
21:00	57.8	78.1	44	41
22:00	56.2	65.8	45	43
23:00	45.4	54.8	45	44
0:00	45.5	52.2	45	45
1:00	48.5	68.4	44	43
2:00	44.3	51.1	44	43
3:00	43.8	59.5	43	42
4:00	44.4	58.9	43	42
5:00	52.7	80.3	44	42
6:00	50.2	75.4	46	43
7:00	52.3	79.4	46	43
8:00	60.9	80.8	47	45
9:00	52.6	78.0	47	45
10:00	56.2	75.5	48	46
11:00	64.9	86.5	47	45
12:00	55.8	76.6	46	45
13:00	47.8	73.4	46	44
14:00	53.5	82.4	45	43

Daytime (7 a.m. - 7 p.m.)  
 Evening (7 p.m. - 9 p.m.)  
 Nighttime (9 p.m. - 7 a.m.)

Averages			
Leq	Lmax	L50	L90
57.0	75.5	45.4	43.2
56.6	74.0	43.1	40.6
50.1	62.9	44.6	43.0

Daytime (7 a.m. - 7 p.m.)  
 Evening (7 p.m. - 9 p.m.)  
 Nighttime (9 p.m. - 7 a.m.)

Uppermost-Level			
Leq	Lmax	L50	L90
64.9	87.1	47.6	45.8
58.7	81.2	43.7	40.8
56.2	80.3	46.4	44.5

Percentage of Energy	
Daytime	73%
Evening	16%
Nighttime	11%

Calculated CNEL, dBA
59.1

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR

**Project Number :** 07110072.01

**Modeling Condition :** Future 2030 Segments 1-28

**Ground Type :** Hard

**K Factor :**

**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	From	Segment To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
1	5th St (Twin Cities Mem.Bridge)	2nd St	I St	115200	45	100	96	2.5	1.5	87		13	
2	Algodon Rd	Feather River Blvd	SR 70	1800	35	100	96	2.5	1.5	87		13	
3	Arboga Rd	Algodon Rd	Plumas Arboga Rd	14800	55	100	96	2.5	1.5	87		13	
4	Arboga Rd	Plumas Arboga Rd	Ella Ave	16800	55	100	96	2.5	1.5	87		13	
5	Arboga Rd	Ella Ave	McGowan Pkwy	23200	55	100	96	2.5	1.5	87		13	
6	Arboga Rd	McGowan Pkwy	Pasado Rd	23200	55	100	96	2.5	1.5	87		13	
7	Arboga Rd	Pasado Rd	Feather River Blvd	7200	55	100	96	2.5	1.5	87		13	
8	Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	1000	45	100	96	2.5	1.5	87		13	
9	Dairy Rd	Forty Mile Rd	SR 65	4300	45	100	96	2.5	1.5	87		13	
10	Ella Ave	Feather River Blvd	Arboga Rd	6300	45	100	96	2.5	1.5	87		13	
11	Erle Road	Griffith Ave	Virginia Rd	5300	45	100	96	2.5	1.5	87		13	
12	Erle Road	Griffith Ave	Goldfields Parkway	9400	45	100	96	2.5	1.5	87		13	
13	Erle Road	Goldfields Parkway	Lindhurst Ave	25300	45	100	96	2.5	1.5	87		13	
14	Erle Road	Lindhurst Ave	Arboga Rd	33600	45	100	96	2.5	1.5	87		13	
15	Feather River Blvd	Algodon Rd	SR 70	3200	55	100	96	2.5	1.5	87		13	
16	Feather River Blvd	Grand Ave	SR 70	9500	55	100	96	2.5	1.5	87		13	
17	Feather River Blvd	Ella Ave	Grand Ave	8400	55	100	96	2.5	1.5	87		13	
18	Feather River Blvd	Ella Ave	Plumas Arboga Rd	1800	55	100	96	2.5	1.5	87		13	
19	Feather River Blvd	Algodon Rd	Plumas Ave	1700	55	100	96	2.5	1.5	87		13	
20	Forty Mile Road	Plumas Arboga Rd	SR 65	13800	55	100	96	2.5	1.5	87		13	
21	Forty Mile Road	Plumas Arboga Rd	Dairy Rd	17500	55	100	96	2.5	1.5	87		13	
22	Forty Mile Road	Dairy Rd	Wheatland Rd	13900	55	100	96	2.5	1.5	87		13	
23	Frenchtown Rd	Marysville Rd	Willow Glen Rd	1500	45	100	96	2.5	1.5	87		13	
24	Fruitland Rd	Loma Rica Rd	Marysville Rd	1000	45	100	96	2.5	1.5	87		13	
25	Fruitland Rd	Huncut Rd	Loma Rica Rd	2300	45	100	96	2.5	1.5	87		13	
26	Griffith Ave	Erle Rd	Hammonton-Smartville Rd	11500	35	100	96	2.5	1.5	87		13	
27	Hallwood Blvd	SR 20	South of Walnut Ave	1200	25	100	96	2.5	1.5	87		13	
28	Hammonton-Smartville Rd	Simpson Ln	N. Beale Rd	22000	55	100	96	2.5	1.5	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 1-28  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
1	5th St (Twin Cities Mem.Bridge)	2nd St	I St	74.4	66.8	69.1	76.1	407	1286	4065	12856	40653
2	Algodon Rd	Feather River Blvd	SR 70	53.2	47.1	50.0	55.6	4	11	36	114	362
3	Arboga Rd	Algodon Rd	Plumas Arboga Rd	68.0	59.3	61.0	69.3	84	267	845	2671	8446
4	Arboga Rd	Plumas Arboga Rd	Ella Ave	68.6	59.8	61.5	69.8	96	303	959	3032	9587
5	Arboga Rd	Ella Ave	McGowan Pkwy	70.0	61.2	63.0	71.2	132	419	1324	4187	13239
6	Arboga Rd	McGowan Pkwy	Pasado Rd	70.0	61.2	63.0	71.2	132	419	1324	4187	13239
7	Arboga Rd	Pasado Rd	Feather River Blvd	64.9	56.1	57.9	66.1	41	130	411	1299	4109
8	Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	53.8	46.2	48.5	55.5	4	11	35	112	353
9	Dairy Rd	Forty Mile Rd	SR 65	60.1	52.6	54.8	61.8	15	48	152	480	1517
10	Ella Ave	Feather River Blvd	Arboga Rd	61.8	54.2	56.5	63.5	22	70	222	703	2223
11	Erle Road	Griffith Ave	Virginia Rd	61.1	53.5	55.7	62.7	19	59	187	591	1870
12	Erle Road	Griffith Ave	Goldfields Parkway	63.5	55.9	58.2	65.2	33	105	332	1049	3317
13	Erle Road	Goldfields Parkway	Lindhurst Ave	67.8	60.2	62.5	69.5	89	282	893	2823	8928
14	Erle Road	Lindhurst Ave	Arboga Rd	69.1	61.5	63.8	70.7	119	375	1186	3750	11857
15	Feather River Blvd	Algodon Rd	SR 70	61.4	52.6	54.3	62.6	18	58	183	577	1826
16	Feather River Blvd	Grand Ave	SR 70	66.1	57.4	59.1	67.3	54	171	542	1714	5421
17	Feather River Blvd	Ella Ave	Grand Ave	65.6	56.8	58.5	66.8	48	152	479	1516	4794
18	Feather River Blvd	Ella Ave	Plumas Arboga Rd	58.9	50.1	51.8	60.1	10	32	103	325	1027
19	Feather River Blvd	Algodon Rd	Plumas Ave	58.6	49.9	51.6	59.9	10	31	97	307	970
20	Forty Mile Road	Plumas Arboga Rd	SR 65	67.7	59.0	60.7	69.0	79	249	788	2490	7875
21	Forty Mile Road	Plumas Arboga Rd	Dairy Rd	68.7	60.0	61.7	70.0	100	316	999	3158	9986
22	Forty Mile Road	Dairy Rd	Wheatland Rd	67.7	59.0	60.7	69.0	79	251	793	2508	7932
23	Frenchtown Rd	Marysville Rd	Willow Glen Rd	55.6	48.0	50.3	57.2	5	17	53	167	529
24	Fruitland Rd	Loma Rica Rd	Marysville Rd	53.8	46.2	48.5	55.5	4	11	35	112	353
25	Fruitland Rd	Huncut Rd	Loma Rica Rd	57.4	49.8	52.1	59.1	8	26	81	257	812
26	Griffith Ave	Erle Rd	Hammonton-Smartville Rd	61.3	55.1	58.1	63.6	23	73	231	731	2311
27	Hallwood Blvd	SR 20	South of Walnut Ave	47.2	43.0	48.4	51.6	1	5	14	45	143
28	Hammonton-Smartville Rd	Simpson Ln	N. Beale Rd	69.7	61.0	62.7	71.0	126	397	1255	3970	12554

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 29-56  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
29	Hammonton-Smartville Rd	Simpson Ln	Goldfields Parkway	10800	55	100	96	2.5	1.5	87		13	
30	Hammonton-Smartville Rd	Goldfields Parkway	North Erle Rd	9500	55	100	96	2.5	1.5	87		13	
31	Hammonton-Smartville Rd	North Erle Rd	Smartsville Rd	9000	55	100	96	2.5	1.5	87		13	
32	La Porte Rd	Willow Glen Rd	Butte County Line	2200	45	100	96	2.5	1.5	87		13	
33	La Porte Rd	Butte County Line	Plumas County Line	1000	45	100	96	2.5	1.5	87		13	
34	Lindhurst Ave	Erle Rd	Olivehurst Ave	19200	55	100	96	2.5	1.5	87		13	
35	Lindhurst Ave	Erle Rd	N. Beale Rd	30000	55	100	96	2.5	1.5	87		13	
36	Loma Rica Rd	SR 20	Fruitland Road	5300	55	100	96	2.5	1.5	87		13	
37	Loma Rica Rd	Fruitland Rd	Marysville Rd	1700	55	100	96	2.5	1.5	87		13	
38	Los Verjeles Rd	Butte County Line	Loma Rica Rd	1300	45	100	96	2.5	1.5	87		13	
39	Marysville Rd	SR 20	Fruitland Road	10900	55	100	96	2.5	1.5	87		13	
40	Marysville Rd	Fruitland Rd	Willow Glen Rd	7900	55	100	96	2.5	1.5	87		13	
41	Marysville Rd	Willow Glen Rd	Oregon Hill Rd	3200	55	100	96	2.5	1.5	87		13	
42	Marysville Rd	Oregon Hill Rd	SR 49	2300	50	100	96	2.5	1.5	87		13	
43	Mathews Ln	Ramirez St	Woodruff	9300	50	100	96	2.5	1.5	87		13	
44	McGowan Parkway	Arboga Rd	SR 70	13700	50	100	96	2.5	1.5	87		13	
45	McGowan Parkway	SR 70	SR 65	16400	50	100	96	2.5	1.5	87		13	
46	N. Beale Rd	Patrol Rod	Griffith Ave	4900	50	100	96	2.5	1.5	87		13	
47	N. Beale Rd	Griffith Ave	Goldfields Parkway	9100	50	100	96	2.5	1.5	87		13	
48	N. Beale Rd	Goldfields Parkway	Linda Ave	26000	50	100	96	2.5	1.5	87		13	
49	N. Beale Rd	Linda Ave	Hammonton-Smartville Rd	20400	50	100	96	2.5	1.5	87		13	
50	N. Beale Rd	Hammonton-Smartville Rd	Lindhurst Ave	29400	50	100	96	2.5	1.5	87		13	
51	N. Beale Rd	Lindhurst Ave	Feather River Blvd	34400	50	100	96	2.5	1.5	87		13	
52	N. Beale Rd	Feather River Blvd	5th St (Twin Cities Mem. Bridge)	27900	50	100	96	2.5	1.5	87		13	
53	Olivehurst Ave	McGowan Pkwy	SR 70	6300	50	100	96	2.5	1.5	87		13	
54	Oregon Hill Rd	La Porte Rd	Marysville Rd	100	50	100	96	2.5	1.5	87		13	
55	Ostrom Rd	Rancho Rd	South Beale Rd	6600	50	100	96	2.5	1.5	87		13	
56	Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	25000	50	100	96	2.5	1.5	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 29-56  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
29	Hammonton-Smartville Rd	Simpson Ln	Goldfields Parkway	66.7	57.9	59.6	67.9	62	195	616	1949	6163
30	Hammonton-Smartville Rd	Goldfields Parkway	North Erle Rd	66.1	57.4	59.1	67.3	54	171	542	1714	5421
31	Hammonton-Smartville Rd	North Erle Rd	Smartsville Rd	65.9	57.1	58.8	67.1	51	162	514	1624	5136
32	La Porte Rd	Willow Glen Rd	Butte County Line	57.2	49.6	51.9	58.9	8	25	78	246	776
33	La Porte Rd	Butte County Line	Plumas County Line	53.8	46.2	48.5	55.5	4	11	35	112	353
34	Lindhurst Ave	Erle Rd	Olivehurst Ave	69.2	60.4	62.1	70.4	110	346	1096	3465	10957
35	Lindhurst Ave	Erle Rd	N. Beale Rd	71.1	62.3	64.1	72.3	171	541	1712	5414	17120
36	Loma Rica Rd	SR 20	Fruitland Road	63.6	54.8	56.5	64.8	30	96	302	956	3024
37	Loma Rica Rd	Fruitland Rd	Marysville Rd	58.6	49.9	51.6	59.9	10	31	97	307	970
38	Los Verjeles Rd	Butte County Line	Loma Rica Rd	54.9	47.4	49.6	56.6	5	15	46	145	459
39	Marysville Rd	SR 20	Fruitland Road	66.7	57.9	59.7	67.9	62	197	622	1967	6220
40	Marysville Rd	Fruitland Rd	Willow Glen Rd	65.3	56.6	58.3	66.5	45	143	451	1426	4508
41	Marysville Rd	Willow Glen Rd	Oregon Hill Rd	61.4	52.6	54.3	62.6	18	58	183	577	1826
42	Marysville Rd	Oregon Hill Rd	SR 49	58.7	50.5	52.5	60.2	10	33	104	329	1041
43	Mathews Ln	Ramirez St	Woodruff	64.8	56.6	58.6	66.2	42	133	421	1332	4211
44	McGowan Parkway	Arboga Rd	SR 70	66.5	58.3	60.3	67.9	62	196	620	1962	6203
45	McGowan Parkway	SR 70	SR 65	67.3	59.1	61.1	68.7	74	235	743	2348	7426
46	N. Beale Rd	Patrol Rod	Griffith Ave	62.0	53.8	55.8	63.5	22	70	222	702	2219
47	N. Beale Rd	Griffith Ave	Goldfields Parkway	64.7	56.5	58.5	66.1	41	130	412	1303	4120
48	N. Beale Rd	Goldfields Parkway	Linda Ave	69.3	61.1	63.1	70.7	118	372	1177	3723	11772
49	N. Beale Rd	Linda Ave	Hammonton-Smartville Rd	68.2	60.0	62.0	69.7	92	292	924	2921	9237
50	N. Beale Rd	Hammonton-Smartville Rd	Lindhurst Ave	69.8	61.6	63.6	71.2	133	421	1331	4209	13312
51	N. Beale Rd	Lindhurst Ave	Feather River Blvd	70.5	62.3	64.3	71.9	156	493	1558	4925	15575
52	N. Beale Rd	Feather River Blvd	5th St (Twin Cities Mem. Bridge)	69.6	61.4	63.4	71.0	126	399	1263	3995	12632
53	Olivehurst Ave	McGowan Pkwy	SR 70	63.1	54.9	56.9	64.6	29	90	285	902	2852
54	Oregon Hill Rd	La Porte Rd	Marysville Rd	45.1	36.9	38.9	46.6	0	1	5	14	45
55	Ostrom Rd	Rancho Rd	South Beale Rd	63.3	55.1	57.1	64.8	30	94	299	945	2988
56	Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	69.1	60.9	62.9	70.5	113	358	1132	3580	11319

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 57-83  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
57	Plumas Arboga Rd	Feather River Blvd	Arboga Rd	2800	50	100	96	2.5	1.5	87		13	
58	Plumas Arboga Rd	Arboga Rd	SR 70	300	50	100	96	2.5	1.5	87		13	
59	Ramirez Rd	SR 70	Mathews Ln	8800	50	100	96	2.5	1.5	87		13	
60	Rancho Road	McGowan Pkwy	Ostrom Rd	1800	50	100	96	2.5	1.5	87		13	
61	Rancho Road	Ostrom Rd	SR 65	200	50	100	96	2.5	1.5	87		13	
62	River Oaks Blvd	Algodon Rd	Kinsington Dr	17600	50	100	96	2.5	1.5	87		13	
63	River Oaks Blvd	Kinsington Dr	Feather River Blvd	28800	50	100	96	2.5	1.5	87		13	
64	S. Beale Rd	SR 65	Ostrom Rd	3000	50	100	96	2.5	1.5	87		13	
65	Simpson Ln	Ramirez St	Hammonton-Smartville Rd	23500	50	100	96	2.5	1.5	87		13	
66	Smartville Rd	Hammonton-Smartville	SR 20	1400	50	100	96	2.5	1.5	87		13	
67	Spenceville Road	Front St/Olive St	Jasper Ln	7400	50	100	96	2.5	1.5	87		13	
68	Spenceville Road	Jasper Ln	Camp Far West Rd	4700	50	100	96	2.5	1.5	87		13	
69	Spring Valley Rd	SR 20	Marysville Rd	200	35	100	96	2.5	1.5	87		13	
70	SR 49	Nevada County Line	Yuba County Line	2400	50	100	93.1	4.5	2.4	87		13	
71	SR 65	D St	State St	34200	65	100	71.4	12.3	16.3	87		13	
72	SR 65	S Beale Rd	Forty Mile Rd	67800	65	100	71.4	12.3	16.3	87		13	
73	SR 65	Forty Mile Rd	Goldfields Parkway	73000	65	100	71.4	12.3	16.3	87		13	
74	SR 65	Goldfields Parkway	SR 70	57500	65	100	71.4	12.3	16.3	87		13	
75	SR 70	SR 65	Olivehurst Ave	98600	50	100	87.3	4.5	8.2	87		13	
76	SR 70	Olivehurst Ave	Erle Rd	89500	50	100	92.2	2.7	5.1	87		13	
77	SR 70	Erle Rd	Grand Ave	88400	50	100	92.2	2.7	5.1	87		13	
78	SR 70	Feather River Blvd	Yuba/Sutter Line	62200	50	100	90.9	4.1	5	87		13	
79	SR 70	SR 65	McGowan Parkway	73800	50	100	85.2	6.9	7.9	87		13	
80	SR 70	McGowan Parkway	Algodon Rd	64200	50	100	85.2	6.9	7.9	87		13	
81	SR 70	Algodon Rd	Feather River Blvd	55900	50	100	85.2	6.9	7.9	87		13	
82	SR 70	B St	Laurellen Rd	24200	50	100	85.2	6.9	7.9	87		13	
83	SR 70	Laurellen Rd	Ramirez Rd	25000	50	100	89.2	6.2	4.6	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 57-83  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
57	Plumas Arboga Rd	Feather River Blvd	Arboga Rd	59.6	51.4	53.4	61.0	13	40	127	401	1268
58	Plumas Arboga Rd	Arboga Rd	SR 70	49.9	41.7	43.7	51.3	1	4	14	43	136
59	Ramirez Rd	SR 70	Mathews Ln	64.6	56.4	58.4	66.0	40	126	398	1260	3984
60	Rancho Road	McGowan Pkwy	Ostrom Rd	57.7	49.5	51.5	59.1	8	26	81	258	815
61	Rancho Road	Ostrom Rd	SR 65	48.1	39.9	41.9	49.6	1	3	9	29	91
62	River Oaks Blvd	Algodon Rd	Kinsington Dr	67.6	59.4	61.4	69.0	80	252	797	2520	7969
63	River Oaks Blvd	Kinsington Dr	Feather River Blvd	69.7	61.5	63.5	71.2	130	412	1304	4124	13040
64	S. Beale Rd	SR 65	Ostrom Rd	59.9	51.7	53.7	61.3	14	43	136	430	1358
65	Simpson Ln	Ramirez St	Hammonton-Smartville Rd	68.8	60.6	62.6	70.3	106	336	1064	3365	10640
66	Smartville Rd	Hammonton-Smartville	SR 20	56.6	48.4	50.4	58.0	6	20	63	200	634
67	Spenceville Road	Front St/Olive St	Jasper Ln	63.8	55.6	57.6	65.3	34	106	335	1060	3351
68	Spenceville Road	Jasper Ln	Camp Far West Rd	61.8	53.7	55.6	63.3	21	67	213	673	2128
69	Spring Valley Rd	SR 20	Marysville Rd	43.7	37.5	40.5	46.0	0	1	4	13	40
70	SR 49	Nevada County Line	Yuba County Line	58.8	53.3	54.8	61.0	13	40	127	402	1270
71	SR 65	D St	State St	72.5	71.0	75.7	78.3	670	2118	6697	21179	66973
72	SR 65	S Beale Rd	Forty Mile Rd	75.4	73.9	78.6	81.2	1328	4199	13277	41986	132771
73	SR 65	Forty Mile Rd	Goldfields Parkway	75.8	74.3	79.0	81.6	1430	4521	14295	45206	142954
74	SR 65	Goldfields Parkway	SR 70	74.7	73.2	77.9	80.5	1126	3561	11260	35608	112601
75	SR 70	SR 65	Olivehurst Ave	74.7	69.4	76.2	79.0	799	2528	7993	25275	79928
76	SR 70	Olivehurst Ave	Erle Rd	74.5	66.8	73.7	77.5	565	1785	5645	17852	56454
77	SR 70	Erle Rd	Grand Ave	74.4	66.7	73.7	77.5	558	1763	5576	17633	55760
78	SR 70	Feather River Blvd	Yuba/Sutter Line	72.8	67.0	72.1	76.1	404	1276	4035	12761	40354
79	SR 70	SR 65	McGowan Parkway	73.3	70.0	74.8	77.9	616	1949	6164	19493	61642
80	SR 70	McGowan Parkway	Algodon Rd	72.7	69.4	74.2	77.3	536	1696	5362	16957	53624
81	SR 70	Algodon Rd	Feather River Blvd	72.1	68.8	73.6	76.7	467	1477	4669	14765	46691
82	SR 70	B St	Laurellen Rd	68.4	65.2	70.0	73.1	202	639	2021	6392	20213
83	SR 70	Laurellen Rd	Ramirez Rd	68.8	64.9	67.8	72.2	166	525	1659	5247	16592

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 84-103  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
84	SR 70	Ramirez Rd	Yuba/Butte County Line	29500	50	100	89.2	6.2	4.6	87		13	
85	SR20 / Browns Rd	Ramirez St	Goldfields Parkway	27200	50	100	85.2	6.9	7.9	87		13	
86	SR20 / Browns Rd	Goldfields Parkway	Loma Rica Rd	31200	50	100	85.2	6.9	7.9	87		13	
87	SR20 / Browns Rd	Loma Rica Rd	Spring Valley Rd	19900	50	100	85.2	6.9	7.9	87		13	
88	SR20 / Browns Rd	Spring Valley Rd	Marysville Rd	18800	50	100	85.2	6.9	7.9	87		13	
89	SR20 / Browns Rd	Marysville Rd	Smartville Rd	10200	50	100	85.2	6.9	7.9	87		13	
90	Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	1400	50	100	96	2.5	1.5	87		13	
91	Wheatland Road	Forty Mile Rd	Olive St	10300	50	100	96	2.5	1.5	87		13	
92	Willow Glen Rd	Marysville Rd	Frenchtown Rd	3200	50	100	96	2.5	1.5	87		13	
93	Woodruff Ln	Matthews Ln	SR 20	13200	50	100	96	2.5	1.5	87		13	
94	Woodruff Ln	SR 70	Mathews Ln	4000	50	100	96	2.5	1.5	87		13	
95	Hunters Creek	Ella Ave	Plumnas Arboga Rd	9700	35	100	97.5	1.5	1	87		13	
96	Hunters Creek	Plumas Arboga Rd	Broadway St	2800	35	100	97.5	1.5	1	87		13	
97	Hunters Creek	Broadway St	Anderson Ave	3000	35	100	97.5	1.5	1	87		13	
98	Goldfield Parkway	Simpson Dantoni Rd	Hammonton-Smartville Rd	45600	45	100	97.5	1.5	1	87		13	
99	Goldfield Parkway	Hammonton-Smartville Rd	N. Beale Rd	35500	45	100	97.5	1.5	1	87		13	
100	Goldfield Parkway	N. Beale Rd	Erle Rd	37800	45	100	97.5	1.5	1	87		13	
101	Goldfield Parkway	Erle Rd	SR 70	37200	45	100	97.5	1.5	1	87		13	
102	Wheatland Bypass	Placer/Yuba County Line	Spenceville Rd	28000	55	100	97.5	1.5	1	87		13	
103	Wheatland Bypass	Spenceville Rd	S. Beale Rd.	26500	55	100	97.5	1.5	1	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Future 2030 Segments 84-103  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
84	SR 70	Ramirez Rd	Yuba/Butte County Line	69.5	65.6	68.5	72.9	196	619	1958	6191	19578
85	SR20 / Browns Rd	Ramirez St	Goldfields Parkway	69.0	65.7	70.5	73.6	227	718	2272	7184	22719
86	SR20 / Browns Rd	Goldfields Parkway	Loma Rica Rd	69.5	66.3	71.1	74.2	261	824	2606	8241	26060
87	SR20 / Browns Rd	Loma Rica Rd	Spring Valley Rd	67.6	64.3	69.1	72.2	166	526	1662	5256	16622
88	SR20 / Browns Rd	Spring Valley Rd	Marysville Rd	67.3	64.1	68.9	72.0	157	497	1570	4966	15703
89	SR20 / Browns Rd	Marysville Rd	Smartsville Rd	64.7	61.4	66.2	69.3	85	269	852	2694	8520
90	Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	56.6	48.4	50.4	58.0	6	20	63	200	634
91	Wheatland Road	Forty Mile Rd	Olive St	65.3	57.1	59.0	66.7	47	147	466	1475	4664
92	Willow Glen Rd	Marysville Rd	Frenchtown Rd	60.2	52.0	54.0	61.6	14	46	145	458	1449
93	Woodruff Ln	Matthews Ln	SR 20	66.3	58.1	60.1	67.8	60	189	598	1890	5977
94	Woodruff Ln	SR 70	Mathews Ln	61.1	52.9	54.9	62.6	18	57	181	573	1811
95	Hunters Creek	Ella Ave	Plumnas Arboga Rd	60.6	52.2	55.6	62.2	17	53	168	530	1676
96	Hunters Creek	Plumas Arboga Rd	Broadway St	55.2	46.8	50.2	56.8	5	15	48	153	484
97	Hunters Creek	Broadway St	Anderson Ave	55.5	47.1	50.5	57.1	5	16	52	164	518
98	Goldfield Parkway	Simpson Dantoni Rd	Hammonton-Smartville Rd	70.5	60.6	63.3	71.6	144	456	1443	4562	14426
99	Goldfield Parkway	Hammonton-Smartville Rd	N. Beale Rd	69.4	59.5	62.2	70.5	112	355	1123	3551	11230
100	Goldfield Parkway	N. Beale Rd	Erle Rd	69.7	59.8	62.5	70.8	120	378	1196	3781	11958
101	Goldfield Parkway	Erle Rd	SR 70	69.6	59.7	62.4	70.7	118	372	1177	3721	11768
102	Wheatland Bypass	Placer/Yuba County Line	Spenceville Rd	70.9	59.8	62.0	71.7	147	466	1473	4658	14731
103	Wheatland Bypass	Spenceville Rd	S. Beale Rd.	70.6	59.6	61.8	71.4	139	441	1394	4409	13942

Appendix B

Roadway	From	To	2030 Future	Contours			
				70 dB	65 dB	60 dB	
5th St (Twin Cities Mem.Bridge)	2nd St	I St	76	407	1,286	4,065	5th St (Twin Cities Mem.Bridge)
Algodon Rd	Feather River Blvd	SR 70	56	4	11	36	Algodon Rd
Arboga Rd	Algodon Rd	Plumas Arboga Rd	69	84	267	845	Arboga Rd
Arboga Rd	Plumas Arboga Rd	Ella Ave	70	96	303	959	Arboga Rd
Arboga Rd	Ella Ave	McGowan Pkwy	71	132	419	1,324	Arboga Rd
Arboga Rd	McGowan Pkwy	Pasado Rd	71	132	419	1,324	Arboga Rd
Arboga Rd	Pasado Rd	Feather River Blvd	66	41	130	411	Arboga Rd
Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	55	4	11	35	Camp Far West Road
Dairy Rd	Forty Mile Rd	SR 65	62	15	48	152	Dairy Rd
Ella Ave	Feather River Blvd	Arboga Rd	63	22	70	222	Ella Ave
Erle Road	Griffith Ave	Virginia Rd	63	19	59	187	Erle Road
Erle Road	Griffith Ave	Goldfields Parkway	65	33	105	332	Erle Road
Erle Road	Goldfields Parkway	Lindhurst Ave	70	89	282	893	Erle Road
Erle Road	Lindhurst Ave	Arboga Rd	71	119	375	1,186	Erle Road
Feather River Blvd	Algodon Rd	SR 70	63	18	58	183	Feather River Blvd
Feather River Blvd	Grand Ave	SR 70	67	54	171	542	Feather River Blvd
Feather River Blvd	Ella Ave	Grand Ave	67	48	152	479	Feather River Blvd
Feather River Blvd	Ella Ave	Plumas Arboga Rd	60	10	32	103	Feather River Blvd
Feather River Blvd	Algodon Rd	Plumas Ave	60	10	31	97	Feather River Blvd
Forty Mile Road	Plumas Arboga Rd	SR 65	69	79	249	788	Forty Mile Road
Forty Mile Road	Plumas Arboga Rd	Dairy Rd	70	100	316	999	Forty Mile Road
Forty Mile Road	Dairy Rd	Wheatland Rd	69	79	251	793	Forty Mile Road
Frenchtown Rd	Marysville Rd	Willow Glen Rd	57	5	17	53	Frenchtown Rd
Fruitland Rd	Loma Rica Rd	Marysville Rd	55	4	11	35	Fruitland Rd
Fruitland Rd	Huncut Rd	Loma Rica Rd	59	8	26	81	Fruitland Rd
Griffith Ave	Erle Rd	Hammonton-Smartville Rd	64	23	73	231	Griffith Ave
Hallwood Blvd	SR 20	South of Walnut Ave	52	1	5	14	Hallwood Blvd
Hammonton-Smartville Rd	Simpson Ln	Goldfields Parkway	68	62	195	616	Hammonton-Smartville Rd
Hammonton-Smartville Rd	Goldfields Parkway	North Erle Rd	67	54	171	542	Hammonton-Smartville Rd
Hammonton-Smartville Rd	North Erle Rd	Smartsville Rd	67	51	162	514	Hammonton-Smartville Rd
La Porte Rd	Willow Glen Rd	Butte County Line	59	8	25	78	La Porte Rd
La Porte Rd	Butte County Line	Plumas County Line	55	4	11	35	La Porte Rd
Lindhurst Ave	Erle Rd	Olivehurst Ave	70	110	346	1,096	Lindhurst Ave
Lindhurst Ave	Erle Rd	N. Beale Rd	72	171	541	1,712	Lindhurst Ave
Loma Rica Rd	SR 20	Fruitland Road	65	30	96	302	Loma Rica Rd
Loma Rica Rd	Fruitland Rd	Marysville Rd	60	10	31	97	Loma Rica Rd
Los Verjeles Rd	Butte County Line	Loma Rica Rd	57	5	15	46	Los Verjeles Rd
Marysville Rd	SR 20	Fruitland Road	68	62	197	622	Marysville Rd
Marysville Rd	Fruitland Rd	Willow Glen Rd	67	45	143	451	Marysville Rd
Marysville Rd	Willow Glen Rd	Oregon Hill Rd	63	18	58	183	Marysville Rd
Marysville Rd	Oregon Hill Rd	SR 49	60	10	33	104	Marysville Rd
Mathews Ln	Ramirez St	Woodruff	66	42	133	421	Mathews Ln
McGowan Parkway	Arboga Rd	SR 70	68	62	196	620	McGowan Parkway
McGowan Parkway	SR 70	SR 65	69	74	235	743	McGowan Parkway
N. Beale Rd	Patrol Rod	Griffith Ave	63	22	70	222	N. Beale Rd
N. Beale Rd	Griffith Ave	Goldfields Parkway	66	41	130	412	N. Beale Rd
N. Beale Rd	Goldfields Parkway	Linda Ave	71	118	372	1,177	N. Beale Rd
N. Beale Rd	Linda Ave	Hammonton-Smartville Rd	70	92	292	924	N. Beale Rd
N. Beale Rd	Hammonton-Smartville Rd	Lindhurst Ave	71	133	421	1,331	N. Beale Rd
N. Beale Rd	Lindhurst Ave	Feather River Blvd	72	156	493	1,558	N. Beale Rd
							Plumas Arboga Rd to Ella Ave
							Ella Ave to McGowan Pkwy
							McGowan Pkwy to Pasado Rd
							Pasado Rd to Feather River Blvd
							Spenceville Rd (South) to Spenceville Rd (North)
							Forty Mile Rd to SR 65
							Feather River Blvd to Arboga Rd
							Griffith Ave to Virginia Rd
							Griffith Ave to Goldfields Parkway
							Goldfields Parkway to Lindhurst Ave
							Lindhurst Ave to Arboga Rd
							Algodon Rd to SR 70
							Grand Ave to SR 70
							Ella Ave to Grand Ave
							Ella Ave to Plumas Arboga Rd
							Algodon Rd to Plumas Ave
							Plumas Arboga Rd to SR 65
							Plumas Arboga Rd to Dairy Rd
							Dairy Rd to Wheatland Rd
							Marysville Rd to Willow Glen Rd
							Loma Rica Rd to Marysville Rd
							Huncut Rd to Loma Rica Rd
							Erle Rd to Hammonton-Smartville Rd
							SR 20 to South of Walnut Ave
							Simpson Ln to Goldfields Parkway
							Goldfields Parkway to North Erle Rd
							North Erle Rd to Smartsville Rd
							Willow Glen Rd to Butte County Line
							Butte County Line to Plumas County Line
							Erle Rd to Olivehurst Ave
							Erle Rd to N. Beale Rd
							SR 20 to Fruitland Road
							Fruitland Rd to Marysville Rd
							Butte County Line to Loma Rica Rd
							SR 20 to Fruitland Road
							Fruitland Rd to Willow Glen Rd
							Willow Glen Rd to Oregon Hill Rd
							Oregon Hill Rd to SR 49
							Ramirez St to Woodruff
							Arboga Rd to SR 70
							SR 70 to SR 65
							Patrol Rod to Griffith Ave
							Griffith Ave to Goldfields Parkway
							Goldfields Parkway to Linda Ave
							Linda Ave to Hammonton-Smartville Rd
							Hammonton-Smartville Rd to Lindhurst Ave
							Lindhurst Ave to Feather River Blvd

N. Beale Rd	Feather River Blvd	5th St (Twin Cities Mem.Bridge)	71	126	399	1,263	N. Beale Rd	Feather River Blvd to 5th St (Twin Cities Mem.Bridge)
Olivehurst Ave	McGowan Pkwy	SR 70	65	29	90	285	Olivehurst Ave	McGowan Pkwy to SR 70
Oregon Hill Rd	La Porte Rd	Marysville Rd	47	0	1	5	Oregon Hill Rd	La Porte Rd to Marysville Rd
Ostrom Rd	Rancho Rd	South Beale Rd	65	30	94	299	Ostrom Rd	Rancho Rd to South Beale Rd
Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	71	113	358	1,132	Plumas Arboga Rd	Old Marysville Rd to Forty Mile Rd
Plumas Arboga Rd	Feather River Blvd	Arboga Rd	61	13	40	127	Plumas Arboga Rd	Feather River Blvd to Arboga Rd
Plumas Arboga Rd	Arboga Rd	SR 70	51	1	4	14	Plumas Arboga Rd	Arboga Rd to SR 70
Ramirez Rd	SR 70	Mathews Ln	66	40	126	398	Ramirez Rd	SR 70 to Mathews Ln
Rancho Road	McGowan Pkwy	Ostrom Rd	59	8	26	81	Rancho Road	McGowan Pkwy to Ostrom Rd
Rancho Road	Ostrom Rd	SR 65	50	1	3	9	Rancho Road	Ostrom Rd to SR 65
River Oaks Blvd	Algodon Rd	Kinsington Dr	69	80	252	797	River Oaks Blvd	Algodon Rd to Kinsington Dr
River Oaks Blvd	Kinsington Dr	Feather River Blvd	71	130	412	1,304	River Oaks Blvd	Kinsington Dr to Feather River Blvd
S. Beale Rd	SR 65	Ostrom Rd	61	14	43	136	S. Beale Rd	SR 65 to Ostrom Rd
Simpson Ln	Ramirez St	Hammonton-Smartville Rd	70	106	336	1,064	Simpson Ln	Ramirez St to Hammonton-Smartville Rd
Smartville Rd	Hammonton-Smartville	SR 20	58	6	20	63	Smartville Rd	Hammonton-Smartville to SR 20
Spenceville Road	Front St/Olive St	Jasper Ln	65	34	106	335	Spenceville Road	Front St/Olive St to Jasper Ln
Spenceville Road	Jasper Ln	Camp Far West Rd	63	21	67	213	Spenceville Road	Jasper Ln to Camp Far West Rd
Spring Valley Rd	SR 20	Marysville Rd	46	0	1	4	Spring Valley Rd	SR 20 to Marysville Rd
SR 49	Nevada County Line	Yuba County Line	61	13	40	127	SR 49	Nevada County Line to Yuba County Line
SR 65	D St	State St	78	670	2,118	6,697	SR 65	D St to State St
SR 65	S Beale Rd	Forty Mile Rd	81	1,328	4,199	13,277	SR 65	S Beale Rd to Forty Mile Rd
SR 65	Forty Mile Rd	Goldfields Parkway	82	1,430	4,521	14,295	SR 65	Forty Mile Rd to Goldfields Parkway
SR 65	Goldfields Parkway	SR 70	81	1,126	3,561	11,260	SR 65	Goldfields Parkway to SR 70
SR 70	SR 65	Olivehurst Ave	79	799	2,528	7,993	SR 70	SR 65 to Olivehurst Ave
SR 70	Olivehurst Ave	Erle Rd	78	565	1,785	5,645	SR 70	Olivehurst Ave to Erle Rd
SR 70	Erle Rd	Grand Ave	77	558	1,763	5,576	SR 70	Erle Rd to Grand Ave
SR 70	Feather River Blvd	Yuba/Sutter Line	76	404	1,276	4,035	SR 70	Feather River Blvd to Yuba/Sutter Line
SR 70	SR 65	McGowan Parkway	78	616	1,949	6,164	SR 70	SR 65 to McGowan Parkway
SR 70	McGowan Parkway	Algodon Rd	77	536	1,696	5,362	SR 70	McGowan Parkway to Algodon Rd
SR 70	Algodon Rd	Feather River Blvd	77	467	1,477	4,669	SR 70	Algodon Rd to Feather River Blvd
SR 70	B St	Laurellen Rd	73	202	639	2,021	SR 70	B St to Laurellen Rd
SR 70	Laurellen Rd	Ramirez Rd	72	166	525	1,659	SR 70	Laurellen Rd to Ramirez Rd
SR 70	Ramirez Rd	Yuba/Butte County Line	73	196	619	1,958	SR 70	Ramirez Rd to Yuba/Butte County Line
SR20 / Browns Rd	Ramirez St	Goldfields Parkway	74	227	718	2,272	SR20 / Browns Rd	Ramirez St to Goldfields Parkway
SR20 / Browns Rd	Goldfields Parkway	Loma Rica Rd	74	261	824	2,606	SR20 / Browns Rd	Goldfields Parkway to Loma Rica Rd
SR20 / Browns Rd	Loma Rica Rd	Spring Valley Rd	72	166	526	1,662	SR20 / Browns Rd	Loma Rica Rd to Spring Valley Rd
SR20 / Browns Rd	Spring Valley Rd	Marysville Rd	72	157	497	1,570	SR20 / Browns Rd	Spring Valley Rd to Marysville Rd
SR20 / Browns Rd	Marysville Rd	Smartville Rd	69	85	269	852	SR20 / Browns Rd	Marysville Rd to Smartville Rd
Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	58	6	20	63	Waldo Road/ Smartville Rd	Spenceville Rd to Hammonton-Smartville Rd
Wheatland Road	Forty Mile Rd	Olive St	67	47	147	466	Wheatland Road	Forty Mile Rd to Olive St
Willow Glen Rd	Marysville Rd	Frenchtown Rd	62	14	46	145	Willow Glen Rd	Marysville Rd to Frenchtown Rd
Woodruff Ln	Mathews Ln	SR 20	68	60	189	598	Woodruff Ln	Mathews Ln to SR 20
Woodruff Ln	SR 70	Mathews Ln	63	18	57	181	Woodruff Ln	SR 70 to Mathews Ln
Hunters Creek	Ella Ave	Plumas Arboga Rd	62	17	53	168		
Hunters Creek	Plumas Arboga Rd	Broadway St	57	5	15	48		
Hunters Creek	Broadway St	Anderson Ave	57	5	16	52		
Goldfield Parkway	Simpson Dantoni Rd	Hammonton-Smartville Rd	72	144	456	1,443		
Goldfield Parkway	Hammonton-Smartville Rd	N. Beale Rd	71	112	355	1,123		
Goldfield Parkway	N. Beale Rd	Erle Rd	71	120	378	1,196		

5th St (Twin Cities Mem.Bridge)	2nd St	I St	115,200	45
Algodon Rd	Feather River Blvd	SR 70	1,800	35
Arboga Rd	Algodon Rd	Plumas Arboga Rd	14,800	55
Arboga Rd	Plumas Arboga Rd	Ella Ave	16,800	55
Arboga Rd	Ella Ave	McGowan Pkwy	23,200	55
Arboga Rd	McGowan Pkwy	Pasado Rd	23,200	55
Arboga Rd	Pasado Rd	Feather River Blvd	7,200	55
Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	1,000	45
Dairy Rd	Forty Mile Rd	SR 65	4,300	45
Ella Ave	Feather River Blvd	Arboga Rd	6,300	45
Erle Road	Griffith Ave	Virginia Rd	5,300	45
Erle Road	Griffith Ave	Goldfields Parkway	9,400	45
Erle Road	Goldfields Parkway	Lindhurst Ave	25,300	45
Erle Road	Lindhurst Ave	Arboga Rd	33,600	45
Feather River Blvd	Algodon Rd	SR 70	3,200	55
Feather River Blvd	Grand Ave	SR 70	9,500	55
Feather River Blvd	Ella Ave	Grand Ave	8,400	55
Feather River Blvd	Ella Ave	Plumas Arboga Rd	1,800	55
Feather River Blvd	Algodon Rd	Plumas Ave	1,700	55
Forty Mile Road	Plumas Arboga Rd	SR 65	13,800	55
Forty Mile Road	Plumas Arboga Rd	Dairy Rd	17,500	55
Forty Mile Road	Dairy Rd	Wheatland Rd	13,900	55
Frenchtown Rd	Marysville Rd	Willow Glen Rd	1,500	45
Fruitland Rd	Loma Rica Rd	Marysville Rd	1,000	45
Fruitland Rd	Huncut Rd	Loma Rica Rd	2,300	45
Griffith Ave	Erle Rd	Hammonton-Smartville Rd	11,500	35
Hallwood Blvd	SR 20	South of Walnut Ave	1,200	25
Hammonton-Smartville Rd	Simpson Ln	N. Beale Rd	22,000	55
Hammonton-Smartville Rd	Simpson Ln	Goldfields Parkway	10,800	55
Hammonton-Smartville Rd	Goldfields Parkway	North Erle Rd	9,500	55
Hammonton-Smartville Rd	North Erle Rd	Smartville Rd	9,000	55
La Porte Rd	Willow Glen Rd	Butte County Line	2,200	45
La Porte Rd	Butte County Line	Plumas County Line	1,000	45
Lindhurst Ave	Erle Rd	Olivehurst Ave	19,200	55
Lindhurst Ave	Erle Rd	N. Beale Rd	30,000	55
Loma Rica Rd	SR 20	Fruitland Road	5,300	55
Loma Rica Rd	Fruitland Rd	Marysville Rd	1,700	55
Los Verjeles Rd	Butte County Line	Loma Rica Rd	1,300	45
Marysville Rd	SR 20	Fruitland Road	10,900	55
Marysville Rd	Fruitland Rd	Willow Glen Rd	7,900	55
Marysville Rd	Willow Glen Rd	Oregon Hill Rd	3,200	55
Marysville Rd	Oregon Hill Rd	SR 49	2,300	50
Mathews Ln	Ramirez St	Woodruff	9,300	50
McGowan Parkway	Arboga Rd	SR 70	13,700	50
McGowan Parkway	SR 70	SR 65	16,400	50
N. Beale Rd	Patrol Rod	Griffith Ave	4,900	50
N. Beale Rd	Griffith Ave	Goldfields Parkway	9,100	50
N. Beale Rd	Goldfields Parkway	Linda Ave	26,000	50
N. Beale Rd	Linda Ave	Hammonton-Smartville Rd	20,400	50
N. Beale Rd	Hammonton-Smartville Rd	Lindhurst Ave	29,400	50
N. Beale Rd	Lindhurst Ave	Feather River Blvd	34,400	50
N. Beale Rd	Feather River Blvd	5th St (Twin Cities Mem.Bridge)	27,900	50
Olivehurst Ave	McGowan Pkwy	SR 70	6,300	50
Oregon Hill Rd	La Porte Rd	Marysville Rd	100	50
Ostrom Rd	Rancho Rd	South Beale Rd	6,600	50

Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	25,000	50
Plumas Arboga Rd	Feather River Blvd	Arboga Rd	2,800	50
Plumas Arboga Rd	Arboga Rd	SR 70	300	50
Ramirez Rd	SR 70	Mathews Ln	8,800	50
Rancho Road	McGowan Pkwy	Ostrom Rd	1,800	50
Rancho Road	Ostrom Rd	SR 65	200	50
River Oaks Blvd	Algodon Rd	Kinsington Dr	17,600	50
River Oaks Blvd	Kinsington Dr	Feather River Blvd	28,800	50
S. Beale Rd	SR 65	Ostrom Rd	3,000	50
Simpson Ln	Ramirez St	Hammonton-Smartville Rd	23,500	50
Smartville Rd	Hammonton-Smartville	SR 20	1,400	50
Spenceville Road	Front St/Olive St	Jasper Ln	7,400	50
Spenceville Road	Jasper Ln	Camp Far West Rd	4,700	50
Spring Valley Rd	SR 20	Marysville Rd	200	35
SR 49	Nevada County Line	Yuba County Line	2,400	50
SR 65	D St	State St	34,200	65
SR 65	S Beale Rd	Forty Mile Rd	67,800	65
SR 65	Forty Mile Rd	Goldfields Parkway	73,000	65
SR 65	Goldfields Parkway	SR 70	57,500	65
SR 70	SR 65	Olivehurst Ave	98,600	50
SR 70	Olivehurst Ave	Erle Rd	89,500	50
SR 70	Erle Rd	Grand Ave	88,400	50
SR 70	Feather River Blvd	Yuba/Sutter Line	62,200	50
SR 70	SR 65	McGowan Parkway	73,800	50
SR 70	McGowan Parkway	Algodon Rd	64,200	50
SR 70	Algodon Rd	Feather River Blvd	55,900	50
SR 70	B St	Laurellen Rd	24,200	50
SR 70	Laurellen Rd	Ramirez Rd	25,000	50
SR 70	Ramirez Rd	Yuba/Butte County Line	29,500	50
SR20 / Browns Rd	Ramirez St	Goldfields Parkway	27,200	50
SR20 / Browns Rd	Goldfields Parkway	Loma Rica Rd	31,200	50
SR20 / Browns Rd	Loma Rica Rd	Spring Valley Rd	19,900	50
SR20 / Browns Rd	Spring Valley Rd	Marysville Rd	18,800	50
SR20 / Browns Rd	Marysville Rd	Smartville Rd	10,200	50
Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	1,400	50
Wheatland Road	Forty Mile Rd	Olive St	10,300	50
Willow Glen Rd	Marysville Rd	Frenchtown Rd	3,200	50
Woodruff Ln	Matthews Ln	SR 20	13,200	50
Woodruff Ln	SR 70	Mathews Ln	4,000	50

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 1-28  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
1	5th St (Twin Cities Mem.Bridge)	2nd St	I St	33,654	45	100	96	2.5	1.5	87		13	
2	Algodon Rd	Feather River Blvd	SR 70	814	35	100	96	2.5	1.5	87		13	
3	Arboga Rd	Plumas Arboga Rd	McGowan Pkwy	3,689	55	100	96	2.5	1.5	87		13	
4	Arboga Rd	McGowan Pkwy	Pasado Rd	3,404	55	100	96	2.5	1.5	87		13	
5	Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	926	45	100	96	2.5	1.5	87		13	
6	Dairy Rd	Forty Mile Rd	SR 65	528	45	100	96	2.5	1.5	87		13	
7	Ella Ave	Feather River Blvd	Arboga Rd	890	45	100	96	2.5	1.5	87		13	
8	Erle Road	Griffith Ave	Virginia Rd	795	45	100	96	2.5	1.5	87		13	
9	Erle Road	Lindhurst Ave	Griffith Ave	2,885	45	100	96	2.5	1.5	87		13	
10	Feather River Blvd	Algodon Rd	SR 70	458	55	100	96	2.5	1.5	87		13	
11	Feather River Blvd	Grand Ave	SR 70	5,006	55	100	96	2.5	1.5	87		13	
12	Feather River Blvd	Plumas Arboga Rd	Grand Ave	2,567	55	100	96	2.5	1.5	87		13	
13	Feather River Blvd	Algodon Rd	Plumas Ave	826	55	100	96	2.5	1.5	87		13	
14	Forty Mile Road	Plumas Arboga Rd	SR 65	2,194	55	100	96	2.5	1.5	87		13	
15	Forty Mile Road	Plumas Arboga Rd	Wheatland Rd	1,813	55	100	96	2.5	1.5	87		13	
16	Frenchtown Rd	Marysville Rd	Willow Glen Rd	1,160	45	100	96	2.5	1.5	87		13	
17	Fruitland Rd	Loma Rica Rd	Marysville Rd	1,031	45	100	96	2.5	1.5	87		13	
18	Fruitland Rd	Huncut Rd	Loma Rica Rd	346	45	100	96	2.5	1.5	87		13	
19	Griffith Ave	Erle Rd	Hammonton-Smartville Rd	2,194	35	100	96	2.5	1.5	87		13	
20	Hallwood Blvd	SR 20	South of Walnut Ave	988	25	100	96	2.5	1.5	87		13	
21	Hammonton-Smartville Rd	Simpson Ln	N. Beale Rd	11,502	55	100	96	2.5	1.5	87		13	
22	Hammonton-Smartville Rd	Simpson Ln	Griffith Ave	5,876	55	100	96	2.5	1.5	87		13	
23	Hammonton-Smartville Rd	Griffith Ave	North Erle Rd	4,613	55	100	96	2.5	1.5	87		13	
24	Hammonton-Smartville Rd	North Erle Rd	Smartville Rd	5,736	55	100	96	2.5	1.5	87		13	
25	La Porte Rd	Willow Glen Rd	Butte County Line	389	45	100	96	2.5	1.5	87		13	
26	La Porte Rd	Butte County Line	Plumas County Line	324	45	100	96	2.5	1.5	87		13	
27	Lindhurst Ave	Erle Rd	Olivehurst Ave	9,041	55	100	96	2.5	1.5	87		13	
28	Lindhurst Ave	Erle Rd	N. Beale Rd	9,895	55	100	96	2.5	1.5	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 1-28  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
1	5th St (Twin Cities Mem.Bridge)	2nd St	I St	69.1	61.5	63.8	70.7	119	376	1188	3756	11876
2	Algodon Rd	Feather River Blvd	SR 70	49.8	43.6	46.6	52.1	2	5	16	52	164
3	Arboga Rd	Plumas Arboga Rd	McGowan Pkwy	62.0	53.2	55.0	63.2	21	67	211	666	2105
4	Arboga Rd	McGowan Pkwy	Pasado Rd	61.6	52.9	54.6	62.9	19	61	194	614	1943
5	Camp Far West Road	Spenceville Rd (South)	Spenceville Rd (North)	53.5	45.9	48.2	55.1	3	10	33	103	327
6	Dairy Rd	Forty Mile Rd	SR 65	51.0	43.4	45.7	52.7	2	6	19	59	186
7	Ella Ave	Feather River Blvd	Arboga Rd	53.3	45.7	48.0	55.0	3	10	31	99	314
8	Erle Road	Griffith Ave	Virginia Rd	52.8	45.2	47.5	54.5	3	9	28	89	281
9	Erle Road	Lindhurst Ave	Griffith Ave	58.4	50.8	53.1	60.1	10	32	102	322	1018
10	Feather River Blvd	Algodon Rd	SR 70	52.9	44.2	45.9	54.2	3	8	26	83	261
11	Feather River Blvd	Grand Ave	SR 70	63.3	54.6	56.3	64.6	29	90	286	903	2857
12	Feather River Blvd	Plumas Arboga Rd	Grand Ave	60.4	51.7	53.4	61.7	15	46	146	463	1465
13	Feather River Blvd	Algodon Rd	Plumas Ave	55.5	46.7	48.5	56.7	5	15	47	149	471
14	Forty Mile Road	Plumas Arboga Rd	SR 65	59.7	51.0	52.7	61.0	13	40	125	396	1252
15	Forty Mile Road	Plumas Arboga Rd	Wheatland Rd	58.9	50.2	51.9	60.1	10	33	103	327	1035
16	Frenchtown Rd	Marysville Rd	Willow Glen Rd	54.5	46.9	49.1	56.1	4	13	41	129	409
17	Fruitland Rd	Loma Rica Rd	Marysville Rd	53.9	46.3	48.6	55.6	4	12	36	115	364
18	Fruitland Rd	Huncut Rd	Loma Rica Rd	49.2	41.6	43.9	50.9	1	4	12	39	122
19	Griffith Ave	Erle Rd	Hammonton-Smartville Rd	54.1	47.9	50.9	56.4	4	14	44	139	441
20	Hallwood Blvd	SR 20	South of Walnut Ave	46.4	42.2	47.6	50.7	1	4	12	37	118
21	Hammonton-Smartville Rd	Simpson Ln	N. Beale Rd	66.9	58.2	59.9	68.2	66	208	656	2076	6564
22	Hammonton-Smartville Rd	Simpson Ln	Griffith Ave	64.0	55.3	57.0	65.3	34	106	335	1060	3353
23	Hammonton-Smartville Rd	Griffith Ave	North Erle Rd	63.0	54.2	55.9	64.2	26	83	263	832	2632
24	Hammonton-Smartville Rd	North Erle Rd	Smartville Rd	63.9	55.2	56.9	65.1	33	104	327	1035	3273
25	La Porte Rd	Willow Glen Rd	Butte County Line	49.7	42.1	44.4	51.4	1	4	14	43	137
26	La Porte Rd	Butte County Line	Plumas County Line	48.9	41.3	43.6	50.6	1	4	11	36	114
27	Lindhurst Ave	Erle Rd	Olivehurst Ave	65.9	57.1	58.9	67.1	52	163	516	1632	5159
28	Lindhurst Ave	Erle Rd	N. Beale Rd	66.3	57.5	59.2	67.5	56	179	565	1786	5647

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 29-56  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	Segment		Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
		From	To										
29	Loma Rica Rd	SR 20	Fruitland Road	2,759	55	100	96	2.5	1.5	87		13	
30	Loma Rica Rd	Fruitland Rd	Marysville Rd	1,248	55	100	96	2.5	1.5	87		13	
31	Los Verjeles Rd	Butte County Line	Loma Rica Rd	727	45	100	96	2.5	1.5	87		13	
32	Marysville Rd	SR 20	Fruitland Road	5,520	55	100	96	2.5	1.5	87		13	
33	Marysville Rd	Fruitland Rd	Willow Glen Rd	4,999	55	100	96	2.5	1.5	87		13	
34	Marysville Rd	Willow Glen Rd	Oregon Hill Rd	2,862	55	100	96	2.5	1.5	87		13	
35	Marysville Rd	Oregon Hill Rd	SR 49	663	50	100	96	2.5	1.5	87		13	
36	Mathews Ln	Ramirez St	Woodruff	1,468	50	100	96	2.5	1.5	87		13	
37	McGowan Parkway	Arboga Rd	SR 70	6,496	50	100	96	2.5	1.5	87		13	
38	McGowan Parkway	SR 70	SR 65	12,076	50	100	96	2.5	1.5	87		13	
39	N. Beale Rd	Griffith Ave	Lindhurst Ave	25,917	50	100	96	2.5	1.5	87		13	
40	N. Beale Rd	Griffith Ave	Beale Rd	7,343	50	100	96	2.5	1.5	87		13	
41	Olivehurst Ave	McGowan Pkwy	SR 70	2,929	50	100	96	2.5	1.5	87		13	
42	Oregon Hill Rd	La Porte Rd	Marysville Rd	68	50	100	96	2.5	1.5	87		13	
43	Ostrom Rd	Rancho Rd	South Beale Rd	1,100	50	100	96	2.5	1.5	87		13	
44	Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	1,704	50	100	96	2.5	1.5	87		13	
45	Plumas Arboga Rd	Feather River Blvd	Arboga Rd	2,233	50	100	96	2.5	1.5	87		13	
46	Plumas Arboga Rd	Arboga Rd	SR 70	4,122	50	100	96	2.5	1.5	87		13	
47	Ramirez Rd	SR 70	Mathews Ln	1,118	50	100	96	2.5	1.5	87		13	
48	Rancho Road	McGowan Pkwy	Ostrom Rd	1,550	50	100	96	2.5	1.5	87		13	
49	Rancho Road	Ostrom Rd	SR 65	227	50	100	96	2.5	1.5	87		13	
50	River Oaks Blvd	Algodon Rd	Kinsington Dr	3,763	50	100	96	2.5	1.5	87		13	
51	River Oaks Blvd	Kinsington Dr	Feather River Blvd	4,939	50	100	96	2.5	1.5	87		13	
52	S. Beale Rd	SR 65	Ostrom Rd	2,145	50	100	96	2.5	1.5	87		13	
53	Simpson Ln	Ramirez St	Hammonton-Smartville Rd	11,629	50	100	96	2.5	1.5	87		13	
54	Smartville Rd	Hammonton-Smartville	SR 20	3,294	50	100	96	2.5	1.5	87		13	
55	Spenceville Road	Front St/Olive St	Jasper Ln	2,879	50	100	96	2.5	1.5	87		13	
56	Spenceville Road	Jasper Ln	Camp Far West Rd	2,402	50	100	96	2.5	1.5	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 29-56  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
29	Loma Rica Rd	SR 20	Fruitland Road	60.7	52.0	53.7	62.0	16	50	157	498	1574
30	Loma Rica Rd	Fruitland Rd	Marysville Rd	57.3	48.5	50.3	58.5	7	23	71	225	712
31	Los Verjeles Rd	Butte County Line	Loma Rica Rd	52.4	44.8	47.1	54.1	3	8	26	81	257
32	Marysville Rd	SR 20	Fruitland Road	63.7	55.0	56.7	65.0	32	100	315	996	3150
33	Marysville Rd	Fruitland Rd	Willow Glen Rd	63.3	54.6	56.3	64.6	29	90	285	902	2853
34	Marysville Rd	Willow Glen Rd	Oregon Hill Rd	60.9	52.1	53.9	62.1	16	52	163	516	1633
35	Marysville Rd	Oregon Hill Rd	SR 49	53.3	45.1	47.1	54.8	3	9	30	95	300
36	Mathews Ln	Ramirez St	Woodruff	56.8	48.6	50.6	58.2	7	21	66	210	665
37	McGowan Parkway	Arboga Rd	SR 70	63.3	55.1	57.0	64.7	29	93	294	930	2941
38	McGowan Parkway	SR 70	SR 65	65.9	57.7	59.7	67.4	55	173	547	1729	5468
39	N. Beale Rd	Griffith Ave	Lindhurst Ave	69.3	61.1	63.1	70.7	117	371	1173	3711	11735
40	N. Beale Rd	Griffith Ave	Beale Rd	63.8	55.6	57.6	65.2	33	105	332	1051	3325
41	Olivehurst Ave	McGowan Pkwy	SR 70	59.8	51.6	53.6	61.2	13	42	133	419	1326
42	Oregon Hill Rd	La Porte Rd	Marysville Rd	43.5	35.3	37.2	44.9	0	1	3	10	31
43	Ostrom Rd	Rancho Rd	South Beale Rd	55.5	47.3	49.3	57.0	5	16	50	157	498
44	Plumas Arboga Rd	Old Marysville Rd	Forty Mile Rd	57.4	49.2	51.2	58.9	8	24	77	244	772
45	Plumas Arboga Rd	Feather River Blvd	Arboga Rd	58.6	50.4	52.4	60.0	10	32	101	320	1011
46	Plumas Arboga Rd	Arboga Rd	SR 70	61.3	53.1	55.1	62.7	19	59	187	590	1866
47	Ramirez Rd	SR 70	Mathews Ln	55.6	47.4	49.4	57.0	5	16	51	160	506
48	Rancho Road	McGowan Pkwy	Ostrom Rd	57.0	48.8	50.8	58.5	7	22	70	222	702
49	Rancho Road	Ostrom Rd	SR 65	48.7	40.5	42.5	50.1	1	3	10	33	103
50	River Oaks Blvd	Algodon Rd	Kinsington Dr	60.9	52.7	54.7	62.3	17	54	170	539	1704
51	River Oaks Blvd	Kinsington Dr	Feather River Blvd	62.1	53.9	55.9	63.5	22	71	224	707	2236
52	S. Beale Rd	SR 65	Ostrom Rd	58.4	50.2	52.2	59.9	10	31	97	307	971
53	Simpson Ln	Ramirez St	Hammonton-Smartville Rd	65.8	57.6	59.6	67.2	53	167	527	1665	5265
54	Smartville Rd	Hammonton-Smartville	SR 20	60.3	52.1	54.1	61.7	15	47	149	472	1491
55	Spenceville Road	Front St/Olive St	Jasper Ln	59.7	51.5	53.5	61.2	13	41	130	412	1304
56	Spenceville Road	Jasper Ln	Camp Far West Rd	58.9	50.7	52.7	60.4	11	34	109	344	1088

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Model Input Sheet**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 57-83  
**Ground Type :** Hard  
**Metric (L<sub>eq</sub>, L<sub>dn</sub>, CNEL) :** Ldn

**K Factor :**  
**Traffic Desc. (Peak or ADT) :** ADT

Segment	Roadway	From	To	Traffic Vol.	Speed (Mph)	Distance to CL	% Autos	%MT	% HT	Day %	Eve %	Night %	Offset (dB)
57	Spring Valley Rd	SR 20	Marysville Rd	507	35	100	96	2.5	1.5	87		13	
58	SR 20	I Street	E Street	38,664	55	100	93	3.6	3.4	87		13	
59	SR 20	Marysville Rd	Smartsville Rd	6,000	55	100	89.2	6.2	4.6	87		13	
60	SR 20	22nd St	Woodruff Ln	13,076	55	100	90.05	2.9	7.05	87		13	
61	SR 20	Ramirez St	22nd St	20,859	55	100	90.05	2.9	7.05	87		13	
62	SR 20/Feather River Bridge	Sutter St	I St	38,688	55	100	93	3.6	3.4	87		13	
63	SR 49	Nevada County Line	Yuba County Line	1,748	50	100	93.1	4.5	2.4	87		13	
64	SR 65	S Beale Rd	Forty Mile Rd	20,704	65	100	71.4	12.3	16.3	87		13	
65	SR 65	Forty Mile Rd	SR 70	19,785	65	100	71.4	12.3	16.3	87		13	
66	SR 65	Main St	Yuba County Line	20,826	65	100	71.4	12.3	16.3	87		13	
67	SR 65	Main St	First St	18,477	65	100	71.4	12.3	16.3	87		13	
68	SR 65	Second Street	South Beale Rd	19,870	65	100	71.4	12.3	16.3	87		13	
69	SR 70	SR 65	Erle Rd	47,816	50	100	87.3	4.5	8.2	87		13	
70	SR 70	Erle Rd	1st St	62,918	50	100	92.2	2.7	5.1	87		13	
71	SR 70	Feather River Blvd	Yuba/Sutter Line	18,748	50	100	92.2	2.7	5.1	87		13	
72	SR 70	SR 65	Algodon Rd	19,940	50	100	90.9	4.1	5	87		13	
73	SR 70	Algodon Rd	Feather River Blvd	15,362	50	100	85.2	6.9	7.9	87		13	
74	SR 70	Laurellen Rd	Woodruff Ln	13,576	50	100	85.2	6.9	7.9	87		13	
75	SR 70	Woodruff Ln	Yuba/Butte County Line	10,703	50	100	85.2	6.9	7.9	87		13	
76	SR 70	1st St	10th St	62,918	50	100	85.2	6.9	7.9	87		13	
77	SR 70	12th St	Laurellen Rd	21,346	50	100	85.2	6.9	7.9	87		13	
78	SR20 / Browns Rd	Loma Rica Rd	Marysville Rd	10,350	50	100	89.2	6.2	4.6	87		13	
79	Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	613	50	100	96	2.5	1.5	87		13	
80	Wheatland Road	Forty Mile Rd	Olive St	1,481	50	100	96	2.5	1.5	87		13	
81	Willow Glen Rd	Marysville Rd	Frenchtown Rd	1,525	50	100	96	2.5	1.5	87		13	
82	Woodruff Ln	Matthews Ln	SR 20	1,237	50	100	96	2.5	1.5	87		13	
83	Woodruff Ln	SR 70	Mathews Ln	570	50	100	96	2.5	1.5	87		13	

**Appendix B**  
**Traffic Noise Prediction Model, (FHWA RD-77-108)**  
**Predicted Noise Levels**



**Project Name :** Yuba County General Plan Update EIR  
**Project Number :** 07110072.01  
**Modeling Condition :** Existing Segments 57-83  
**Metric (Leq, Ldn, CNEL) :** Ldn

Segment	Roadway	Segment		Noise Levels, dB Ldn				Distance to Traffic Noise Contours, Feet				
		From	To	Auto	MT	HT	Total	70 dB	65 dB	60 dB	55 dB	50 dB
57	Spring Valley Rd	SR 20	Marysville Rd	47.7	41.6	44.5	50.1	1	3	10	32	102
58	SR 20	I Street	E Street	72.1	65.0	68.7	74.3	267	844	2668	8438	26684
59	SR 20	Marysville Rd	Smartsville Rd	63.8	59.3	61.9	66.8	48	152	480	1519	4804
60	SR 20	22nd St	Woodruff Ln	67.2	59.4	67.2	70.5	113	359	1135	3589	11348
61	SR 20	Ramirez St	22nd St	69.2	61.4	69.2	72.6	181	572	1810	5725	18103
62	SR 20/Feather River Bridge	Sutter St	I St	72.1	65.0	68.7	74.3	267	844	2670	8443	26700
63	SR 49	Nevada County Line	Yuba County Line	57.4	51.9	53.4	59.7	9	29	92	292	925
64	SR 65	S Beale Rd	Forty Mile Rd	70.3	68.8	73.5	76.1	405	1282	4054	12821	40545
65	SR 65	Forty Mile Rd	SR 70	70.1	68.6	73.3	75.9	387	1225	3874	12252	38744
66	SR 65	Main St	Yuba County Line	70.3	68.8	73.5	76.1	408	1290	4078	12897	40783
67	SR 65	Main St	First St	69.8	68.3	73.0	75.6	362	1144	3618	11442	36184
68	SR 65	Second Street	South Beale Rd	70.1	68.6	73.3	75.9	389	1230	3891	12305	38911
69	SR 70	SR 65	Erle Rd	71.5	66.3	73.1	75.9	388	1226	3876	12257	38761
70	SR 70	Erle Rd	1st St	72.9	65.3	72.2	76.0	397	1255	3969	12550	39687
71	SR 70	Feather River Blvd	Yuba/Sutter Line	67.7	60.0	67.0	70.7	118	374	1183	3740	11826
72	SR 70	SR 65	Algodon Rd	67.9	62.1	67.1	71.1	129	409	1294	4091	12936
73	SR 70	Algodon Rd	Feather River Blvd	66.5	63.2	68.0	71.1	128	406	1283	4058	12831
74	SR 70	Laurellen Rd	Woodruff Ln	65.9	62.7	67.5	70.5	113	359	1134	3586	11340
75	SR 70	Woodruff Ln	Yuba/Butte County Line	64.9	61.6	66.4	69.5	89	283	894	2827	8940
76	SR 70	1st St	10th St	72.6	69.3	74.1	77.2	526	1662	5255	16619	52553
77	SR 70	12th St	Laurellen Rd	67.9	64.6	69.4	72.5	178	564	1783	5638	17829
78	SR20 / Browns Rd	Loma Rica Rd	Marysville Rd	65.0	61.0	63.9	68.4	69	217	687	2172	6869
79	Waldo Road/ Smartville Rd	Spenceville Rd	Hammonton-Smartville Rd	53.0	44.8	46.8	54.4	3	9	28	88	278
80	Wheatland Road	Forty Mile Rd	Olive St	56.8	48.6	50.6	58.3	7	21	67	212	671
81	Willow Glen Rd	Marysville Rd	Frenchtown Rd	57.0	48.8	50.7	58.4	7	22	69	218	690
82	Woodruff Ln	Matthews Ln	SR 20	56.1	47.9	49.8	57.5	6	18	56	177	560
83	Woodruff Ln	SR 70	Mathews Ln	52.7	44.5	46.5	54.1	3	8	26	82	258

## Appendix B

Roadway	From	To	Existing No Project	Contours			Existing Plus Project	Change
				70 dB	65 dB	60 dB		
5th St (Twin Cities	2nd St	I St	71	119	375.6	1188	-70.7	
Algodon Rd	Feather River Blvd	SR 70	52	2	5.2	16	-52.1	
Arboga Rd	Plumas Arboga Rd	McGowan Pkwy	63	21	66.6	211	-63.2	
Arboga Rd	McGowan Pkwy	Pasado Rd	63	19	61.4	194	-62.9	
Camp Far West R	oenceville Rd (Sout	Spenceville Rd (North)	55	3	10.3	33	-55.1	
Dairy Rd	Forty Mile Rd	SR 65	53	2	5.9	19	-52.7	
Ella Ave	Feather River Blvd	Arboga Rd	55	3	9.9	31	-55.0	
Erle Road	Griffith Ave	Virginia Rd	54	3	8.9	28	-54.5	
Erle Road	Lindhurst Ave	Griffith Ave	60	10	32.2	102	-60.1	
Feather River Blvd	Algodon Rd	SR 70	54	3	8.3	26	-54.2	
Feather River Blvd	Grand Ave	SR 70	65	29	90.3	286	-64.6	
Feather River Blvd	Plumas Arboga Rd	Grand Ave	62	15	46.3	146	-61.7	
Feather River Blvd	Algodon Rd	Plumas Ave	57	5	14.9	47	-56.7	
Forty Mile Road	Plumas Arboga Rd	SR 65	61	13	39.6	125	-61.0	
Forty Mile Road	Plumas Arboga Rd	Wheatland Rd	60	10	32.7	103	-60.1	
Frenchtown Rd	Marysville Rd	Willow Glen Rd	56	4	12.9	41	-56.1	
Fruitland Rd	Loma Rica Rd	Marysville Rd	56	4	11.5	36	-55.6	
Fruitland Rd	Huncut Rd	Loma Rica Rd	51	1	3.9	12	-50.9	
Griffith Ave	Erle Rd	ammonton-Smartville R	56	4	13.9	44	-56.4	
Hallwood Blvd	SR 20	South of Walnut Ave	51	1	3.7	12	-50.7	
Hammonton-Smar	Simpson Ln	N. Beale Rd	68	66	207.6	656	-68.2	
Hammonton-Smar	Simpson Ln	Griffith Ave	65	34	106.0	335	-65.3	
Hammonton-Smar	Griffith Ave	North Erle Rd	64	26	83.2	263	-64.2	
Hammonton-Smar	North Erle Rd	Smartville Rd	65	33	103.5	327	-65.1	
La Porte Rd	Willow Glen Rd	Butte County Line	51	1	4.3	14	-51.4	
La Porte Rd	Butte County Line	Plumas County Line	51	1	3.6	11	-50.6	
Lindhurst Ave	Erle Rd	Olivehurst Ave	67	52	163.2	516	-67.1	