

APPENDIX I

Noise and Vibration

Appendix I contains the following components:

- I.1 Long Term Noise Monitoring
- I.2 Noise Impact Calculations

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I.1 Long Term Noise Monitoring

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Calculated DNL from long-term noise monitoring data Mission Blue Road

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...		
7/3/2007	Midnight	0 / 24	54.1	257040	2570396	812831
	am 1:00	100	51.5	141254	1412538	446684
	2:00	200	50.9	123027	1230269	389045
	3:00	300	49.1	81283	812831	257040
	4:00	400	53.6	229087	2290868	724436
	5:00	500	59.7	933254	9332543	2951209
	6:00	600	61.6	1445440	14454398	4570882
	7:00	700	63.6	2290868	22908677	7244360
	8:00	800	61.9	1548817	15488166	4897788
	9:00	900	61.0	1258925	12589254	3981072
	10:00	1000	58.7	741310	7413102	2344229
	11:00	1100	59.5	891251	8912509	2818383
	12:00	1200	60.5	1122018	11220185	3548134
	pm 1:00	1300	60.6	1148154	11481536	3630781
	2:00	1400	61.6	1445440	14454398	4570882
	3:00	1500	61.0	1258925	12589254	3981072
	4:00	1600	61.2	1318257	13182567	4168694
	5:00	1700	61.9	1548817	15488166	4897788
	6:00	1800	61.8	1513561	15135612	4786301
	7:00	1900	61.0	1258925	12589254	3981072
	8:00	2000	59.7	933254	9332543	2951209
	9:00	2100	60.4	1096478	10964782	3467369
	10:00	2200	58.8	758578	7585776	2398833
	pm 11:00	2300	55.6	363078	3630781	1148154

Leq Morning Peak Hour 7:00-10:00 a.m.

62 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

61 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

57 dBA

Leq Daytime 7:00 am-10:00 p.m.

61 dBA

Leq 24-Hour

60 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

64 dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.**

65 dBA

CNEL - Ldn 0.46659513

Notes:

Overlooks project site and Bayshore Boulevard

Calculated Ldn from long-term noise monitoring data northeast perimeter

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...
6/28/2007	Midnight	0 / 24	65.1	3235937 32359366 10232930
	am 1:00	100	63.0	1995262 19952623 6309573
	2:00	200	62.6	1819701 18197009 5754399
	3:00	300	63.3	2137962 21379621 6760830
	4:00	400	67.6	5754399 57543994 18197009
	5:00	500	70.9	12302688 123026877 38904514
	6:00	600	72.8	19054607 190546072 60255959
	7:00	700	71.6	14454398 144543977 45708819
	8:00	800	68.8	7585776 75857758 23988329
	9:00	900	68.8	7585776 75857758 23988329
	10:00	1000	68.1	6456542 64565423 20417379
	11:00	1100	66.8	4786301 47863009 15135612
	12:00	1200	66.4	4365158 43651583 13803843
	pm 1:00	1300	68.2	6606934 66069345 20892961
	2:00	1400	68.4	6918310 69183097 21877616
	3:00	1500	68.2	6606934 66069345 20892961
	4:00	1600	67.5	5623413 56234133 17782794
	5:00	1700	69.3	8511380 85113804 26915348
	6:00	1800	69.3	8511380 85113804 26915348
	7:00	1900	70.0	10000000 100000000 31622777
	8:00	2000	68.1	6456542 64565423 20417379
	9:00	2100	69.4	8709636 87096359 27542287
	10:00	2200	70.7	11748976 117489755 37153523
	pm 11:00	2300	70.0	10000000 100000000 31622777

Leq Morning Peak Hour 7:00-10:00 a.m.

70 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

69 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

69 dBA

Leq Daytime 7:00 am-10:00 p.m.

69 dBA

Leq 24-Hour

69 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

75 dBA

**CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.**

75 dBA

CNEL - Ldn 0.28799932

APPX 300 feet from centerline of US101

Calculated Ldn from long-term noise monitoring data northern phase 1 area

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...
7/3/2007	Midnight	0 / 24	58.4	691831 6918310 2187762
	am 1:00	100	51.9	154882 1548817 489779
	2:00	200	58.4	691831 6918310 2187762
	3:00	300	59.8	954993 9549926 3019952
	4:00	400	58.3	676083 6760830 2137962
	5:00	500	59.7	933254 9332543 2951209
	6:00	600	58.1	645654 6456542 2041738
	7:00	700	60.6	1148154 11481536 3630781
	8:00	800	61.5	1412538 14125375 4466836
	9:00	900	60.3	1071519 10715193 3388442
	10:00	1000	57.2	524807 5248075 1659587
	11:00	1100	60.2	1047129 10471285 3311311
	12:00	1200	60.9	1230269 12302688 3890451
	pm 1:00	1300	64.1	2570396 25703958 8128305
	2:00	1400	64.6	2884032 28840315 9120108
	3:00	1500	62.9	1949845 19498446 6165950
	4:00	1600	62.5	1778279 17782794 5623413
	5:00	1700	59.1	812831 8128305 2570396
	6:00	1800	61.1	1288250 12882496 4073803
	7:00	1900	59.2	831764 8317638 2630268
	8:00	2000	56.8	478630 4786301 1513561
	9:00	2100	56.8	478630 4786301 1513561
	10:00	2200	56.1	407380 4073803 1288250
	pm 11:00	2300	54.2	263027 2630268 831764

Leq Morning Peak Hour 7:00-10:00 a.m.

61 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

61 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

58 dBA

Leq Daytime 7:00 am-10:00 p.m.

61 dBA

Leq 24-Hour

60 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

65 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.

65 dBA

CNEL - Ldn 0.22218211

Notes:

APPX 120 feet from edge of the closest Caltrain rail

Calculated Ldn from long-term noise monitoring data northwest perimeter

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...	
6/28/2007	Midnight	0 / 24	55.8	380189 3801894	1202264
	am 1:00	100	48.3	67608 676083	213796
	2:00	200	49.7	93325 933254	295121
	3:00	300	50.5	112202 1122018	354813
	4:00	400	47.1	51286 512861	162181
	5:00	500	51.6	144544 1445440	457088
	6:00	600	54.1	257040 2570396	812831
	7:00	700	57.3	537032 5370318	1698244
	8:00	800	58.2	660693 6606934	2089296
	9:00	900	59.4	870964 8709636	2754229
	10:00	1000	57.5	562341 5623413	1778279
	11:00	1100	56.7	467735 4677351	1479108
	12:00	1200	56.9	489779 4897788	1548817
	pm 1:00	1300	57.4	549541 5495409	1737801
	2:00	1400	58.5	707946 7079458	2238721
	3:00	1500	55.8	380189 3801894	1202264
	4:00	1600	57.7	588844 5888437	1862087
	5:00	1700	60.9	1230269 12302688	3890451
	6:00	1800	55.0	316228 3162278	1000000
	7:00	1900	52.7	186209 1862087	588844
	8:00	2000	54.2	263027 2630268	831764
	9:00	2100	56.0	398107 3981072	1258925
	10:00	2200	51.0	125893 1258925	398107
	pm 11:00	2300	50.6	114815 1148154	363078

Leq Morning Peak Hour 7:00-10:00 a.m.	58 dBA
Leq Evening Peak Hour 4:00-8:00 p.m.	58 dBA
Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)	52 dBA
Leq Daytime 7:00 am-10:00 p.m.	57 dBA
Leq 24-Hour	56 dBA
Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.	60 dBA
CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m., and 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.	60 dBA
CNEL - Ldn 0.35237041	

Notes:

APPX 150 feet from centerline of Tunnel road and 580 feet from Caltrain rail

Calculated Ldn from long-term noise monitoring data southeast perimeter

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...
6/28/2007	Midnight	0 / 24	58.9	776247 7762471 2454709
	am 1:00	100	54.8	301995 3019952 954993
	2:00	200	56.0	398107 3981072 1258925
	3:00	300	56.5	446684 4466836 1412538
	4:00	400	62.7	1862087 18620871 5888437
	5:00	500	66.9	4897788 48977882 15488166
	6:00	600	68.6	7244360 72443596 22908677
	7:00	700	61.3	1348963 13489629 4265795
	8:00	800	59.8	954993 9549926 3019952
	9:00	900	60.7	1174898 11748976 3715352
	10:00	1000	60.4	1096478 10964782 3467369
	11:00	1100	61.0	1258925 12589254 3981072
	12:00	1200	59.4	870964 8709636 2754229
	pm 1:00	1300	59.8	954993 9549926 3019952
	2:00	1400	60.7	1174898 11748976 3715352
	3:00	1500	59.0	794328 7943282 2511886
	4:00	1600	60.5	1122018 11220185 3548134
	5:00	1700	60.8	1202264 12022644 3801894
	6:00	1800	62.4	1737801 17378008 5495409
	7:00	1900	59.5	891251 8912509 2818383
	8:00	2000	57.7	588844 5888437 1862087
	9:00	2100	59.9	977237 9772372 3090295
	10:00	2200	62.9	1949845 19498446 6165950
	pm 11:00	2300	61.6	1445440 14454398 4570882

Leq Morning Peak Hour 7:00-10:00 a.m.

61 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

61 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

63 dBA

Leq Daytime 7:00 am-10:00 p.m.

60 dBA

Leq 24-Hour

62 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

69 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.

70 dBA

CNEL - Ldn 0.10883855

APPX 500 feet from centerline of US101

Spike at 5 and 6 am may not be traffic. Similar spike the following day

Calculated Ldn from long-term noise monitoring data San Francisco Street

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...
7/3/2007	Midnight	0 / 24	60.0	1000000 10000000 3162278
	am 1:00	100	58.8	758578 7585776 2398833
	2:00	200	61.3	1348963 13489629 4265795
	3:00	300	59.3	851138 8511380 2691535
	4:00	400	60.9	1230269 12302688 3890451
	5:00	500	64.1	2570396 25703958 8128305
	6:00	600	66.2	4168694 41686938 13182567
	7:00	700	67.7	5888437 58884366 18620871
	8:00	800	68.4	6918310 69183097 21877616
	9:00	900	68.3	6760830 67608298 21379621
	10:00	1000	67.3	5370318 53703180 16982437
	11:00	1100	67.0	5011872 50118723 15848932
	12:00	1200	67.4	5495409 54954087 17378008
	pm 1:00	1300	67.6	5754399 57543994 18197009
	2:00	1400	67.2	5248075 52480746 16595869
	3:00	1500	66.6	4570882 45708819 14454398
	4:00	1600	66.3	4265795 42657952 13489629
	5:00	1700	67.7	5888437 58884366 18620871
	6:00	1800	66.8	4786301 47863009 15135612
	7:00	1900	66.8	4786301 47863009 15135612
	8:00	2000	64.7	2951209 29512092 9332543
	9:00	2100	64.8	3019952 30199517 9549926
	10:00	2200	63.6	2290868 22908677 7244360
	pm 11:00	2300	61.9	1548817 15488166 4897788

Leq Morning Peak Hour 7:00-10:00 a.m.

68 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

67 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

62 dBA

Leq Daytime 7:00 am-10:00 p.m.

67 dBA

Leq 24-Hour

66 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

70 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.

70 dBA

CNEL - Ldn 0.41091487

Notes:

Overlooks project site and Bayshore Boulevard
Includes construction noise from new overpass

Calculated Ldn from long-term noise monitoring data southern phase 1 area

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...
7/3/2007	Midnight	0 / 24	56.1	407380 4073803 1288250
	am 1:00	100	62.3	1698244 16982437 5370318
	2:00	200	57.3	537032 5370318 1698244
	3:00	300	48.5	70795 707946 223872
	4:00	400	49.6	91201 912011 288403
	5:00	500	59.1	812831 8128305 2570396
	6:00	600	57.5	562341 5623413 1778279
	7:00	700	60.8	1202264 12022644 3801894
	8:00	800	63.1	2041738 20417379 6456542
	9:00	900	62.2	1659587 16595869 5248075
	10:00	1000	59.8	954993 9549926 3019952
	11:00	1100	59.4	870964 8709636 2754229
	12:00	1200	62.1	1621810 16218101 5128614
	pm 1:00	1300	64.1	2570396 25703958 8128305
	2:00	1400	68.0	6309573 63095734 19952623
	3:00	1500	67.8	6025596 60255959 19054607
	4:00	1600	70.0	10000000 ##### 31622777
	5:00	1700	63.9	2454709 24547089 7762471
	6:00	1800	68.2	6606934 66069345 20892961
	7:00	1900	68.6	7244360 72443596 22908677
	8:00	2000	59.4	870964 8709636 2754229
	9:00	2100	57.3	537032 5370318 1698244
	10:00	2200	56.1	407380 4073803 1288250
	pm 11:00	2300	52.5	177828 1778279 562341

Leq Morning Peak Hour 7:00-10:00 a.m.

62 dBA

Leq Evening Peak Hour 4:00-8:00 p.m.

68 dBA

Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)

57 dBA

Leq Daytime 7:00 am-10:00 p.m.

65 dBA

Leq 24-Hour

64 dBA

Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.

66 dBA

CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
and 10 dBA penalty for noise between
10:00 p.m. and 7:00 a.m.

67 dBA

CNEL - Ldn 0.75438742

Notes:

APPX 150 feet from edge of the closest Caltrain rail

Hill on western edge provides shielding from traffic on Bayshore Road but adds reflective noise from train passby events

Calculated Ldn from long-term noise monitoring data southwest perimeter

10 dBA 5 dBA

	TIME	dBA	Numbers...	More Numbers...	
6/28/2007	Midnight	0 / 24	55.7	371535 3715352 1174898	Leq Morning Peak Hour 7:00-10:00 a.m.
	am 1:00	100	55.6	363078 3630781 1148154	60 dBA
	2:00	200	53.4	218776 2187762 691831	
	3:00	300	54.8	301995 3019952 954993	Leq Evening Peak Hour 4:00-8:00 p.m.
	4:00	400	54.5	281838 2818383 891251	58 dBA
	5:00	500	54.0	251189 2511886 794328	
	6:00	600	57.0	501187 5011872 1584893	Leq Nighttime 10:00 pm-7:00 a.m. (not penalized)
	7:00	700	58.8	758578 7585776 2398833	55 dBA
	8:00	800	59.4	870964 8709636 2754229	
	9:00	900	61.7	1479108 14791084 4677351	Leq Daytime 7:00 am-10:00 p.m.
	10:00	1000	59.5	891251 8912509 2818383	59 dBA
	11:00	1100	59.0	794328 7943282 2511886	
	12:00	1200	58.4	691831 6918310 2187762	Leq 24-Hour
	pm 1:00	1300	58.3	676083 6760830 2137962	58 dBA
	2:00	1400	59.3	851138 8511380 2691535	
	3:00	1500	56.2	416869 4168694 1318257	Ldn: 10 dBA penalty for noise between 10:00 p.m. and 7:00 a.m.
	4:00	1600	57.6	575440 5754399 1819701	62 dBA
	5:00	1700	60.5	1122018 11220185 3548134	
	6:00	1800	56.2	416869 4168694 1318257	CNEL: 5 dBA penalty for noise between 7:00p.m. and 10:00 p.m.,
	7:00	1900	56.1	407380 4073803 1288250	63 dBA and 10 dBA penalty for noise between
	8:00	2000	57.1	512861 5128614 1621810	10:00 p.m. and 7:00 a.m.
	9:00	2100	57.2	524807 5248075 1659587	
	10:00	2200	53.7	234423 2344229 741310	
	pm 11:00	2300	55.4	346737 3467369 1096478	CNEL - Ldn 0.32905087

Notes:

APPX 150 feet from centerline of Tunnel road and 850 feet from Caltrain rail

I.2 Noise Impact Calculations

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Vibration propagation from Construction Equipment

Formula from FTA, 2006 = $PPV_{equip} = PPV_{ref} \times (25/D)^{1.5}$
 where

PPV refs @ 25 ft =		<u>PPV@25ft</u>
	pile driver (impact)	0.644
	pile driver (sonic)	0.17
	Bulldozer (large)	0.089
	Truck(loaded)	0.076
	Jackhammer	0.035

PPV refs @ 25 ft =		<u>PPV@25ft</u>
	pile driver (impact)	0.644
	pile driver (sonic)	0.17
	Bulldozer (large)	0.089
	Truck(loaded)	0.076
	Jackhammer	0.035

Enter distance = Adjacent Buildings

Enter distance = Phase 1 Residences

Resultant PPV =		
	pile driver (impact)	0.012294
	pile driver (sonic)	0.003245
	Bulldozer (large)	0.001699
	Truck(loaded)	0.001451
	Jackhammer	0.000668

Resultant PPV =		
	pile driver (impact)	0.010063
	pile driver (sonic)	0.002656
	Bulldozer (large)	0.001391
	Truck(loaded)	0.001188
	Jackhammer	0.000547

	<u>Lv@25 ft</u>
pile driver (impact)	104
pile driver (sonic)	93
Bulldozer (large)	87
Truck(loaded)	86
Jackhammer	79

Resultant Lv =		
	pile driver (impact)	69.61616
	pile driver (sonic)	58.61616
	Bulldozer (large)	52.61616
	Truck(loaded)	51.61616
	Jackhammer	44.61616

	<u>Lv@25 ft</u>
pile driver (impact)	104
pile driver (sonic)	93
Bulldozer (large)	87
Truck(loaded)	86
Jackhammer	79

Resultant Lv =		
	pile driver (impact)	67.8764
	pile driver (sonic)	56.8764
	Bulldozer (large)	50.8764
	Truck(loaded)	49.8764
	Jackhammer	42.8764

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Existing
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	67.1	12	39	123	389	1230
2	Guaplupe Cyn	West of Bayshore	62.5	4	13	42	132	419
3	Old County Road	West of Bayshore	61.2	3	10	32	100	315
4	Bayshore	South of Old County Rd	67.2	12	39	124	394	1245
5	San Bruno Ave	West of Bayshore	51.9	0	1	4	12	37
6	Harney Way	East of Thomas mellon	55.7	1	3	9	28	88
7	Tunnel Avenue	South of Blanken	59.1	2	6	19	62	195
8	Blanken Avenue	East of Bayshore	56.7	1	4	11	35	112
9	Sunnydale Ave	West of Bayshore	56.9	1	4	12	37	116
10	Geneva Ave	East of Carter	67.6	14	43	136	429	1356
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Existing
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	14885	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	6775	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	6045	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	20135	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1100	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	2645	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	4030	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	3355	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	3470	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	16415	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Existing
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	64.3	58.9	62.4	67
2	Guaplupe Cyn	West of Bayshore	61.0	50.8	56.0	62
3	Old County Road	West of Bayshore	56.1	52.8	58.6	61
4	Bayshore	South of Old County Rd	65.7	55.5	60.7	67
5	San Bruno Ave	West of Bayshore	48.9	40.6	48.2	52
6	Harney Way	East of Thomas mellon	52.7	44.4	52.0	56
7	Tunnel Avenue	South of Blanken	56.8	47.5	54.6	59
8	Blanken Avenue	East of Bayshore	53.7	45.4	53.1	57
9	Sunnydale Ave	West of Bayshore	53.9	45.6	53.2	57
10	Geneva Ave	East of Carter	64.7	59.4	62.8	68

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

Project #: 206069
 Description: Existing
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	12	39	123	389	1230
2	Guaplupe Cyn	West of Bayshore	4	13	42	132	419
3	Old County Road	West of Bayshore	3	10	32	100	315
4	Bayshore	South of Old County Rd	12	39	124	394	1245
5	San Bruno Ave	West of Bayshore	0	1	4	12	37
6	Harney Way	East of Thomas mellon	1	3	9	28	88
7	Tunnel Avenue	South of Blanken	2	6	19	62	195
8	Blanken Avenue	East of Bayshore	1	4	11	35	112
9	Sunnydale Ave	West of Bayshore	1	4	12	37	116
10	Geneva Ave	East of Carter	14	43	136	429	1356

ADT Volumes

Project # : 206069

Description: Existing

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	2977	14885
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1355	6775
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	4027	20135
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1209	6045
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	220	1100
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	529	2645
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	806	4030
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	671	3355
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	694	3470
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	3283	16415
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Existing + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	68.5	17	53	167	529	1674
2	Guaplue Cyn	West of Bayshore	63.9	6	18	58	183	578
3	Old County Road	West of Bayshore	63.4	5	16	52	163	516
4	Bayshore	South of Old County Rd	68.0	15	48	150	476	1504
5	San Bruno Ave	West of Bayshore	51.9	0	1	4	12	37
6	Harney Way	East of Thomas mellon	56.2	1	3	10	31	100
7	Tunnel Avenue	South of Blanken	61.6	3	11	34	108	341
8	Blanken Avenue	East of Bayshore	57.2	1	4	12	39	124
9	Sunnydale Ave	West of Bayshore	58.0	2	5	15	48	150
10	Geneva Ave	East of Carter	68.8	18	56	178	563	1782
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Existing + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	20260	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	9350	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	9905	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	24325	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1100	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	2980	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	7060	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	3725	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	4500	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	21565	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Existing + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	65.6	60.3	63.7	68
2	Guaplupe Cyn	West of Bayshore	62.4	52.2	57.4	64
3	Old County Road	West of Bayshore	58.3	54.9	60.8	63
4	Bayshore	South of Old County Rd	66.5	56.3	61.5	68
5	San Bruno Ave	West of Bayshore	48.9	40.6	48.2	52
6	Harney Way	East of Thomas mellon	53.2	44.9	52.5	56
7	Tunnel Avenue	South of Blanken	59.2	49.9	57.0	62
8	Blanken Avenue	East of Bayshore	54.2	45.9	53.5	57
9	Sunnydale Ave	West of Bayshore	55.0	46.7	54.3	58
10	Geneva Ave	East of Carter	65.9	60.6	64.0	69

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

Project #: 206069
 Description: Existing + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	17	53	167	529	1674
2	Guaplupe Cyn	West of Bayshore	6	18	58	183	578
3	Old County Road	West of Bayshore	5	16	52	163	516
4	Bayshore	South of Old County Rd	15	48	150	476	1504
5	San Bruno Ave	West of Bayshore	0	1	4	12	37
6	Harney Way	East of Thomas mellon	1	3	10	31	100
7	Tunnel Avenue	South of Blanken	3	11	34	108	341
8	Blanken Avenue	East of Bayshore	1	4	12	39	124
9	Sunnydale Ave	West of Bayshore	2	5	15	48	150
10	Geneva Ave	East of Carter	18	56	178	563	1782

ADT Volumes

Project # : 206069

Description: Existing + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4052	20260
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1870	9350
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	4865	24325
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1981	9905
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	220	1100
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	596	2980
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	1412	7060
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	745	3725
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	900	4500
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	4313	21565
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Existing + DSP Entertainment
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	68.7	17	55	174	550	1739
2	Guaplue Cyn	West of Bayshore	64.0	6	19	60	191	603
3	Old County Road	West of Bayshore	63.6	5	17	55	173	547
4	Bayshore	South of Old County Rd	68.0	15	47	149	471	1491
5	San Bruno Ave	West of Bayshore	51.9	0	1	4	12	37
6	Harney Way	East of Thomas mellon	56.4	1	3	10	32	103
7	Tunnel Avenue	South of Blanken	62.1	4	12	39	122	386
8	Blanken Avenue	East of Bayshore	57.5	1	4	13	42	132
9	Sunnydale Ave	West of Bayshore	58.2	2	5	16	49	156
10	Geneva Ave	East of Carter	68.9	18	58	185	584	1846
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Existing + DSP Entertainment
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	21055	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	9745	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	10490	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	24110	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1100	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	3070	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	7990	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	3950	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	4660	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	22345	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069

Description: Existing + DSP Entertainment

Ldn/CNEL: Ldn

Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	65.8	60.5	63.9	69
2	Guaplupe Cyn	West of Bayshore	62.6	52.3	57.5	64
3	Old County Road	West of Bayshore	58.5	55.1	61.0	64
4	Bayshore	South of Old County Rd	66.5	56.3	61.5	68
5	San Bruno Ave	West of Bayshore	48.9	40.6	48.2	52
6	Harney Way	East of Thomas mellon	53.3	45.0	52.7	56
7	Tunnel Avenue	South of Blanken	59.8	50.4	57.6	62
8	Blanken Avenue	East of Bayshore	54.4	46.1	53.8	57
9	Sunnydale Ave	West of Bayshore	55.1	46.9	54.5	58
10	Geneva Ave	East of Carter	66.0	60.7	64.1	69

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

Project #: 206069
 Description: Existing + DSP Entertainment
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	17	55	174	550	1739
2	Guaplupe Cyn	West of Bayshore	6	19	60	191	603
3	Old County Road	West of Bayshore	5	17	55	173	547
4	Bayshore	South of Old County Rd	15	47	149	471	1491
5	San Bruno Ave	West of Bayshore	0	1	4	12	37
6	Harney Way	East of Thomas mellon	1	3	10	32	103
7	Tunnel Avenue	South of Blanken	4	12	39	122	386
8	Blanken Avenue	East of Bayshore	1	4	13	42	132
9	Sunnydale Ave	West of Bayshore	2	5	16	49	156
10	Geneva Ave	East of Carter	18	58	185	584	1846

ADT Volumes

Project # : 206069

Description: Existing + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4211	21055
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1949	9745
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	4822	24110
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	2098	10490
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	220	1100
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	614	3070
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	1598	7990
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	790	3950
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	932	4660
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	4469	22345
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Existing + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	68.5	17	53	168	532	1682
2	Guaplue Cyn	West of Bayshore	64.0	6	19	59	186	589
3	Old County Road	West of Bayshore	63.4	5	16	52	164	520
4	Bayshore	South of Old County Rd	67.7	14	44	139	440	1391
5	San Bruno Ave	West of Bayshore	51.9	0	1	4	12	37
6	Harney Way	East of Thomas mellon	56.4	1	3	10	33	103
7	Tunnel Avenue	South of Blanken	62.3	4	13	40	127	401
8	Blanken Avenue	East of Bayshore	57.6	1	4	14	43	135
9	Sunnydale Ave	West of Bayshore	58.1	2	5	15	48	153
10	Geneva Ave	East of Carter	68.8	18	57	181	573	1811
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Existing + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	20365	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	9530	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	9970	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	22500	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1100	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	3090	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	8295	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	4045	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	4570	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	21915	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Existing + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	65.6	60.3	63.7	69
2	Guaplupe Cyn	West of Bayshore	62.5	52.2	57.4	64
3	Old County Road	West of Bayshore	58.3	54.9	60.8	63
4	Bayshore	South of Old County Rd	66.2	56.0	61.2	68
5	San Bruno Ave	West of Bayshore	48.9	40.6	48.2	52
6	Harney Way	East of Thomas mellon	53.4	45.1	52.7	56
7	Tunnel Avenue	South of Blanken	59.9	50.6	57.7	62
8	Blanken Avenue	East of Bayshore	54.5	46.2	53.9	58
9	Sunnydale Ave	West of Bayshore	55.1	46.8	54.4	58
10	Geneva Ave	East of Carter	65.9	60.6	64.1	69

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

Project #: 206069
 Description: Existing + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	17	53	168	532	1682
2	Guaplupe Cyn	West of Bayshore	6	19	59	186	589
3	Old County Road	West of Bayshore	5	16	52	164	520
4	Bayshore	South of Old County Rd	14	44	139	440	1391
5	San Bruno Ave	West of Bayshore	0	1	4	12	37
6	Harney Way	East of Thomas mellon	1	3	10	33	103
7	Tunnel Avenue	South of Blanken	4	13	40	127	401
8	Blanken Avenue	East of Bayshore	1	4	14	43	135
9	Sunnydale Ave	West of Bayshore	2	5	15	48	153
10	Geneva Ave	East of Carter	18	57	181	573	1811

ADT Volumes

Project # : 206069

Description: Existing + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4073	20365
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1906	9530
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	4500	22500
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1994	9970
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	220	1100
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	618	3090
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	1659	8295
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	809	4045
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	914	4570
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	4383	21915
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Existing + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Existing + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	68.4	17	52	165	522	1651
2	Guaplupe Cyn	West of Bayshore	63.9	6	18	58	183	577
3	Old County Road	West of Bayshore	63.4	5	16	51	163	515
4	Bayshore	South of Old County Rd	67.7	14	44	139	439	1387
5	San Bruno Ave	West of Bayshore	51.9	0	1	4	12	37
6	Harney Way	East of Thomas mellon	56.3	1	3	10	32	102
7	Tunnel Avenue	South of Blanken	62.1	4	12	38	122	385
8	Blanken Avenue	East of Bayshore	57.5	1	4	13	42	133
9	Sunnydale Ave	West of Bayshore	58.0	2	5	15	48	150
10	Geneva Ave	East of Carter	68.8	18	56	178	563	1779
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Existing + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	19980	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	9335	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	9880	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	22440	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1100	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	3060	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	7960	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	3990	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	4500	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	21535	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Existing + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	65.5	60.2	63.7	68
2	Guaplupe Cyn	West of Bayshore	62.4	52.2	57.3	64
3	Old County Road	West of Bayshore	58.3	54.9	60.8	63
4	Bayshore	South of Old County Rd	66.2	56.0	61.2	68
5	San Bruno Ave	West of Bayshore	48.9	40.6	48.2	52
6	Harney Way	East of Thomas mellon	53.3	45.0	52.7	56
7	Tunnel Avenue	South of Blanken	59.8	50.4	57.5	62
8	Blanken Avenue	East of Bayshore	54.5	46.2	53.8	57
9	Sunnydale Ave	West of Bayshore	55.0	46.7	54.3	58
10	Geneva Ave	East of Carter	65.9	60.6	64.0	69

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

Project #: 206069
 Description: Existing + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	17	52	165	522	1651
2	Guaplupe Cyn	West of Bayshore	6	18	58	183	577
3	Old County Road	West of Bayshore	5	16	51	163	515
4	Bayshore	South of Old County Rd	14	44	139	439	1387
5	San Bruno Ave	West of Bayshore	0	1	4	12	37
6	Harney Way	East of Thomas mellon	1	3	10	32	102
7	Tunnel Avenue	South of Blanken	4	12	38	122	385
8	Blanken Avenue	East of Bayshore	1	4	13	42	133
9	Sunnydale Ave	West of Bayshore	2	5	15	48	150
10	Geneva Ave	East of Carter	18	56	178	563	1779

ADT Volumes

Project # : 206069

Description: Existing + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection: 0	0	0
			Through			South of intersection: 0	0	0
			Left Turn			East of intersection: 0	0	0
			Right Turn			West of intersection: 3996	19980	
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection: 0	0	0
			Through			South of intersection: 0	0	0
			Left Turn			East of intersection: 0	0	0
			Right Turn			West of intersection: 1867	9335	
			Through					
			Left Turn					
			Right Turn					
			Through					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection: 0	0	0
			Through			South of intersection: 4488	22440	
			Left Turn			East of intersection: 0	0	0
			Right Turn			West of intersection: 1976	9880	
			Through					
			Left Turn					
			Right Turn					
			Through					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection: 0	0	0
			Through			South of intersection: 0	0	0
			Left Turn			East of intersection: 0	0	0
			Right Turn			West of intersection: 220	1100	
			Through					
			Left Turn					
			Right Turn					
			Through					
Harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection: 0	0	0
			Through			South of intersection: 0	0	0
			Left Turn			East of intersection: 612	3060	
			Right Turn			West of intersection: 0	0	0
			Through					
			Left Turn					
			Right Turn					
			Through					

ADT Volumes

Project # : 206069

Description: Existing + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	1592	7960
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	798	3990
			Right Turn			West of intersection:	0	0
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	900	4500
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	4307	21535
			Right Turn			West of intersection:	0	0
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0

ADT Volumes

Project # : 206069

Description: Existing + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
	12	Southbound	Through					
		Southbound	Left Turn					
		Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
	13	Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
		Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
	14	Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
		Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
	15	Northbound	Through					
		Northbound	Left Turn					
		Northbound	Right Turn			North of intersection:	0	0
		Northbound	Through			South of intersection:	0	0
		Northbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Eastbound	Through					
		Eastbound	Left Turn					
		Eastbound	Right Turn					
		Southbound	Through					

ADT Volumes

Project # : 206069

Description: Existing + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0
	17	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0
	18	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0
	19	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0
	20	Westbound	Right Turn			North of intersection:	0	0
			Through			South of intersection:	0	0
			Left Turn			East of intersection:	0	0
			Right Turn			West of intersection:	0	0

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Cumulative + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	71.9	37	116	368	1164	3680
2	Guaplue Cyn	West of Bayshore	67.3	13	40	126	399	1263
3	Old County Road	West of Bayshore	65.3	8	25	80	253	801
4	Bayshore	South of Old County Rd	68.9	18	58	182	576	1820
5	San Bruno Ave	West of Bayshore	54.0	1	2	6	19	60
6	Harney Way	East of Thomas mellon	66.2	10	31	99	312	988
7	Tunnel Avenue	South of Blanken	64.2	6	20	63	198	627
8	Blanken Avenue	East of Bayshore	61.9	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	60.9	3	9	29	93	293
10	Geneva Ave	East of Carter	73.1	49	154	486	1536	4858
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Cumulative + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	44540	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	20425	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	15360	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	29435	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1800	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	29580	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	12975	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	11060	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	8780	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	58800	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Cumulative + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	69.0	63.7	67.1	72
2	Guaplupe Cyn	West of Bayshore	65.8	55.6	60.7	67
3	Old County Road	West of Bayshore	60.2	56.8	62.7	65
4	Bayshore	South of Old County Rd	67.4	57.1	62.3	69
5	San Bruno Ave	West of Bayshore	51.0	42.7	50.4	54
6	Harney Way	East of Thomas mellon	63.2	54.9	62.5	66
7	Tunnel Avenue	South of Blanken	61.9	52.5	59.7	64
8	Blanken Avenue	East of Bayshore	58.9	50.6	58.2	62
9	Sunnydale Ave	West of Bayshore	57.9	49.6	57.2	61
10	Geneva Ave	East of Carter	70.2	64.9	68.3	73

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

Project #: 206069
 Description: Cumulative + DSP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	37	116	368	1164	3680
2	Guaplupe Cyn	West of Bayshore	13	40	126	399	1263
3	Old County Road	West of Bayshore	8	25	80	253	801
4	Bayshore	South of Old County Rd	18	58	182	576	1820
5	San Bruno Ave	West of Bayshore	1	2	6	19	60
6	Harney Way	East of Thomas mellon	10	31	99	312	988
7	Tunnel Avenue	South of Blanken	6	20	63	198	627
8	Blanken Avenue	East of Bayshore	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	3	9	29	93	293
10	Geneva Ave	East of Carter	49	154	486	1536	4858

ADT Volumes

Project # : 206069

Description: Cumulative + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	8908	44540
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Guadalupe Cyn & bayshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4085	20425
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	5887	29435
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	3072	15360
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	360	1800
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	5916	29580
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	2595	12975
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	2212	11060
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1756	8780
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	11760	58800
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069

Description: Cumulative + DSP Entertainment

Ldn/CNEL: Ldn

Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	72.0	37	118	374	1184	3744
2	Guaplue Cyn	West of Bayshore	68.7	17	55	175	553	1750
3	Old County Road	West of Bayshore	65.4	8	26	83	263	831
4	Bayshore	South of Old County Rd	68.8	18	57	181	573	1812
5	San Bruno Ave	West of Bayshore	54.0	1	2	6	19	60
6	Harney Way	East of Thomas mellon	66.2	10	32	100	315	997
7	Tunnel Avenue	South of Blanken	64.3	6	20	64	202	640
8	Blanken Avenue	East of Bayshore	61.9	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	61.0	3	9	30	94	299
10	Geneva Ave	East of Carter	73.2	49	156	492	1557	4922
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Cumulative + DSP Entertainment
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	45320	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	28300	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	15950	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	29305	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1800	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	29830	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	13235	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	11060	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	8940	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	59580	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069

Description: Cumulative + DSP Entertainment

Ldn/CNEL: Ldn

Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	69.1	63.8	67.2	72
2	Guaplupe Cyn	West of Bayshore	67.2	57.0	62.2	69
3	Old County Road	West of Bayshore	60.4	57.0	62.8	65
4	Bayshore	South of Old County Rd	67.3	57.1	62.3	69
5	San Bruno Ave	West of Bayshore	51.0	42.7	50.4	54
6	Harney Way	East of Thomas mellon	63.2	54.9	62.5	66
7	Tunnel Avenue	South of Blanken	62.0	52.6	59.7	64
8	Blanken Avenue	East of Bayshore	58.9	50.6	58.2	62
9	Sunnydale Ave	West of Bayshore	58.0	49.7	57.3	61
10	Geneva Ave	East of Carter	70.3	65.0	68.4	73

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

Project #: 206069
 Description: Cumulative + DSP Entertainment
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	37	118	374	1184	3744
2	Guaplupe Cyn	West of Bayshore	17	55	175	553	1750
3	Old County Road	West of Bayshore	8	26	83	263	831
4	Bayshore	South of Old County Rd	18	57	181	573	1812
5	San Bruno Ave	West of Bayshore	1	2	6	19	60
6	Harney Way	East of Thomas mellon	10	32	100	315	997
7	Tunnel Avenue	South of Blanken	6	20	64	202	640
8	Blanken Avenue	East of Bayshore	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	3	9	30	94	299
10	Geneva Ave	East of Carter	49	156	492	1557	4922

ADT Volumes

Project # : 206069

Description: Cumulative + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	9064	45320
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	5660	28300
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	5861	29305
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	3190	15950
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	360	1800
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	5966	29830
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	2647	13235
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	2212	11060
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1788	8940
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	11916	59580
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + DSP Entertainment

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Cumulative + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	72.0	38	120	379	1199	3791
2	Guaplupe Cyn	West of Bayshore	67.4	13	41	130	413	1305
3	Old County Road	West of Bayshore	65.6	9	27	85	270	854
4	Bayshore	South of Old County Rd	68.7	18	56	178	562	1778
5	San Bruno Ave	West of Bayshore	54.0	1	2	6	19	60
6	Harney Way	East of Thomas mellon	66.2	10	32	100	316	1000
7	Tunnel Avenue	South of Blanken	64.3	6	20	63	200	633
8	Blanken Avenue	East of Bayshore	61.9	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	61.1	3	10	30	96	302
10	Geneva Ave	East of Carter	73.2	50	157	497	1571	4969
11	Geneva Avenue	East of Tunnel						

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

Project #: 206069
 Description: Cumulative + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	45890	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	21100	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	16375	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	28750	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1800	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	29930	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	13105	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	11060	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	9050	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	60150	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	0	83			1	1	25	75	

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

Project #: 206069
 Description: Cumulative + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	69.2	63.8	67.3	72
2	Guaplupe Cyn	West of Bayshore	65.9	55.7	60.9	67
3	Old County Road	West of Bayshore	60.5	57.1	63.0	66
4	Bayshore	South of Old County Rd	67.3	57.0	62.2	69
5	San Bruno Ave	West of Bayshore	51.0	42.7	50.4	54
6	Harney Way	East of Thomas mellon	63.2	54.9	62.6	66
7	Tunnel Avenue	South of Blanken	61.9	52.6	59.7	64
8	Blanken Avenue	East of Bayshore	58.9	50.6	58.2	62
9	Sunnydale Ave	West of Bayshore	58.0	49.7	57.4	61
10	Geneva Ave	East of Carter	70.3	65.0	68.4	73

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

Project #: 206069
 Description: Cumulative + CPP
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	38	120	379	1199	3791
2	Guaplupe Cyn	West of Bayshore	13	41	130	413	1305
3	Old County Road	West of Bayshore	9	27	85	270	854
4	Bayshore	South of Old County Rd	18	56	178	562	1778
5	San Bruno Ave	West of Bayshore	1	2	6	19	60
6	Harney Way	East of Thomas mellon	10	32	100	316	1000
7	Tunnel Avenue	South of Blanken	6	20	63	200	633
8	Blanken Avenue	East of Bayshore	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	3	10	30	96	302
10	Geneva Ave	East of Carter	50	157	497	1571	4969

ADT Volumes

Project # : 206069

Description: Cumulative + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	9178	45890
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4220	21100
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	5750	28750
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	3275	16375
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	360	1800
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	5986	29930
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	2621	13105
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	2212	11060
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1810	9050
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	12030	60150
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

**FHWA-RD-77-108 Highway Traffic Noise Prediction Model
Output Summary Sheet**

Project #: 206069
 Description: Cumulative + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Ldn	----- Distances to Traffic Noise Contours -----				
				75	70	65	60	55
1	Geneva	West of Bayshore	72.1	39	122	386	1220	3859
2	Guaplue Cyn	West of Bayshore	67.5	13	42	133	421	1330
3	Old County Road	West of Bayshore	65.7	9	28	89	280	886
4	Bayshore	South of Old County Rd	68.7	18	56	178	561	1775
5	San Bruno Ave	West of Bayshore	54.0	1	2	6	19	60
6	Harney Way	East of Thomas mellon	66.3	10	32	101	319	1008
7	Tunnel Avenue	South of Blanken	64.3	6	20	64	202	640
8	Blanken Avenue	East of Bayshore	61.9	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	61.1	3	10	31	97	308
10	Geneva Ave	East of Carter	73.3	50	159	504	1593	5037
11	Geneva Avenue	East of Tunnel	67.7	14	44	140	443	1400

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

Project #: 206069
 Description: Cumulative + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	ADT	Day %	Eve %	Night %	% Med. Trucks	% Hvy. Trucks	Speed	Distance	Offset (dB)
1	Geneva	West of Bayshore	46710	83		17	3	2	35	75	
2	Guaplupe Cyn	West of Bayshore	21515	83		17	1	1	35	75	
3	Old County Road	West of Bayshore	16990	83		17	3	2	25	75	
4	Bayshore	South of Old County Rd	28710	83		17	1	1	35	75	
5	San Bruno Ave	West of Bayshore	1800	83		17	1	1	25	75	
6	Harney Way	East of Thomas mellon	30180	83		17	1	1	25	75	
7	Tunnel Avenue	South of Blanken	13240	83		17	1	1	30	75	
8	Blanken Avenue	East of Bayshore	11060	83		17	1	1	25	75	
9	Sunnydale Ave	West of Bayshore	9215	83		17	1	1	25	75	
10	Geneva Ave	East of Carter	60975	83		17	3	2	35	75	
11	Geneva Avenue	East of Tunnel	41920	83		17	1	1	25	75	

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

Project #: 206069
 Description: Cumulative + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	Autos	Medium Trucks	Heavy Trucks	Total
1	Geneva	West of Bayshore	69.2	63.9	67.3	72
2	Guaplupe Cyn	West of Bayshore	66.0	55.8	61.0	67
3	Old County Road	West of Bayshore	60.6	57.2	63.1	66
4	Bayshore	South of Old County Rd	67.3	57.0	62.2	69
5	San Bruno Ave	West of Bayshore	51.0	42.7	50.4	54
6	Harney Way	East of Thomas mellon	63.3	55.0	62.6	66
7	Tunnel Avenue	South of Blanken	62.0	52.6	59.7	64
8	Blanken Avenue	East of Bayshore	58.9	50.6	58.2	62
9	Sunnydale Ave	West of Bayshore	58.1	49.8	57.4	61
10	Geneva Ave	East of Carter	70.4	65.1	68.5	73
11	Geneva Ave	East of Tunnel	64.7	56.4	64.0	68

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

Project #: 206069
 Description: Cumulative + CPP Recology
 Ldn/CNEL: Ldn
 Hard/Soft: Hard

Segment	Roadway Name	Segment Description	----- Distances to Traffic Noise Contours -----				
			75	70	65	60	55
1	Geneva	West of Bayshore	39	122	386	1220	3859
2	Guaplupe Cyn	West of Bayshore	13	42	133	421	1330
3	Old County Road	West of Bayshore	9	28	89	280	886
4	Bayshore	South of Old County Rd	18	56	178	561	1775
5	San Bruno Ave	West of Bayshore	1	2	6	19	60
6	Harney Way	East of Thomas mellon	10	32	101	319	1008
7	Tunnel Avenue	South of Blanken	6	20	64	202	640
8	Blanken Avenue	East of Bayshore	4	12	37	117	369
9	Sunnydale Ave	West of Bayshore	3	10	31	97	308
10	Geneva Ave	East of Carter	50	159	504	1593	5037
11	Geneva Avenue	East of Tunnel	14	44	140	443	1400

ADT Volumes

Project # : 206069

Description: Cumulative + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Geneva & Bayshore	1	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	9342	46710
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Guadalupe Cyn & batshore	2	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	4303	21515
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Old County & Bayshore	3	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	5742	28710
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	3398	16990
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
San Bruno & Bayshore	4	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	360	1800
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
harney & Thomas Mellon	5	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	6036	30180
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
Blanken & Tunnel	6	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	2648	13240
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Blanken & Bayshore	7	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	2212	11060
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Sunnydale & Bayshore	8	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	1843	9215
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Carter	9	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	12195	60975
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
Geneva & Tunnel	10	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	8384	41920
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	11	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	12	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	13	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	14	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	15	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					

ADT Volumes

Project # : 206069

Description: Cumulative + CPP Recology

Hourly to Daily Multiplier: 5

Intersection (N-S/E-W)	#	Approach:	Turning Movement	AM Inputs	PM Inputs	Traffic Volumes	Peak Hour	ADT
	16	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	17	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	18	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	19	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					
	20	Westbound	Right Turn			North of intersection:	0	0
		Westbound	Through			South of intersection:	0	0
		Westbound	Left Turn			East of intersection:	0	0
		Northbound	Right Turn			West of intersection:	0	0
		Northbound	Through					
		Northbound	Left Turn					
		Eastbound	Right Turn					
		Eastbound	Through					
		Eastbound	Left Turn					
		Southbound	Right Turn					
		Southbound	Through					
		Southbound	Left Turn					