Appendix I: Noise Information

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-BalboaSuperiorCoastAM Year 2011 Weekday

Location: Balboa Boulevard/Superior Avenue at Coast Highway

	Traffic Volume		Noise	Noise Level (dB Ldn) Centerline Distance (feet)						
			Reference	175	350	700	1400	2800	5600	11200
Vehicle Type	24-hr volume	Equiv 1-hr	Level (15 meters	53	107	213 (meters)	427	853	1707	3414
EXISTING (2006/2007/2008)										
Autos	5381	527	63.8	55.6	51.1	46.5	42.0	37.5	33.0	28.5
Med Trucks	633	62	65.5	57.3	52.8	48.2	43.7	39.2	34.7	30.2
Hvy Trucks	317	31	67.3	59.1	54.5	50.0	45.5	41.0	36.5	32.0
TOTAL	6330	620	70.6	62.3	57.8	53.3	48.8	44.2	39.7	35.2
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	5910	579	64.2	56.0	51.5	47.0	42.4	37.9	33.4	28.9
Med Trucks	695	68	65.9	57.7	53.2	48.6	44.1	39.6	35.1	30.6
Hvy Trucks	348	34	67.7	59.5	55.0	50.4	45.9	41.4	36.9	32.4
TOTAL	6953	681	71.0	62.7	58.2	53.7	49.2	44.7	40.1	35.6
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	5912	579	64.2	56.0	51.5	47.0	42.4	37.9	33.4	28.9
Med Trucks	696	68	65.9	57.7	53.2	48.6	44.1	39.6	35.1	30.6
Hvy Trucks	348	34	67.7	59.5	55.0	50.4	45.9	41.4	36.9	32.4
TOTAL	6955	681	71.0	62.7	58.2	53.7	49.2	44.7	40.1	35.6
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	531	52	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Med Trucks	63	6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Hvy Trucks	31	3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
TOTAL	625	61	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
CHANGE FROM FUTURE NO PROJECT										
Autos	2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-BalboaSuperiorCoastPM Year 2011 Weekday

Location: Balboa Boulevard/Superior Avenue at Coast Highway

	Traffic Volume		Noise	Noise Level (dB Ldn) Centerline Distance (feet)						
			Reference	175	350	700	1400	2800	5600	11200
Vehicle Type	24-hr volume	Equiv 1-hr	Level (15 meters	53	107	213 (meters)	427	853	1707	3414
EXISTING (2006/2007/2008)										
Autos	5542	543	64.0	55.7	51.2	46.7	42.2	37.6	33.1	28.6
Med Trucks	652	64	65.7	57.4	52.9	48.4	43.9	39.3	34.8	30.3
Hvy Trucks	326	32	67.5	59.2	54.7	50.2	45.6	41.1	36.6	32.1
TOTAL	6520	638	70.7	62.4	57.9	53.4	48.9	44.4	39.9	35.3
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	6280	615	64.5	56.2	51.7	47.2	42.7	38.2	33.7	29.2
Med Trucks	739	72	66.2	57.9	53.4	48.9	44.4	39.9	35.4	30.8
Hvy Trucks	369	36	68.0	59.7	55.2	50.7	46.2	41.7	37.2	32.6
TOTAL	7388	723	71.2	63.0	58.5	53.9	49.4	44.9	40.4	35.9
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	6282	615	64.5	56.2	51.7	47.2	42.7	38.2	33.7	29.2
Med Trucks	739	72	66.2	57.9	53.4	48.9	44.4	39.9	35.4	30.9
Hvy Trucks	370	36	68.0	59.7	55.2	50.7	46.2	41.7	37.2	32.6
TOTAL	7391	724	71.2	63.0	58.5	53.9	49.4	44.9	40.4	35.9
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	740	72	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Med Trucks	87	9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hvy Trucks	44	4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
TOTAL	871	85	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CHANGE FROM FUTURE NO PROJECT										
Autos	3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-Newport32ndAM Year 2011 Weekday

Location: Newport Boulevard at 32nd Street

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 200 (61 meters)	400 (122 meters)	800 (244 meters)	1600 (488 meters)	3200 (975 meters)	6400 (1951 meters)	12800 (3901 meters)
EXISTING (2006/2007/2008)										
Autos	2499	245	60.5	51.4	46.9	42.3	37.8	33.3	28.8	24.3
Med Trucks	294	29	62.2	53.1	48.6	44.0	39.5	35.0	30.5	26.0
Hvy Trucks	147	14	64.0	54.9	50.3	45.8	41.3	36.8	32.3	27.8
TOTAL	2940	288	67.2	58.1	53.6	49.1	44.6	40.0	35.5	31.0
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	2515	246	60.5	51.4	46.9	42.4	37.9	33.3	28.8	24.3
Med Trucks	296	29	62.2	53.1	48.6	44.1	39.6	35.0	30.5	26.0
Hvy Trucks	148	14	64.0	54.9	50.4	45.9	41.3	36.8	32.3	27.8
TOTAL	2959	290	67.3	58.1	53.6	49.1	44.6	40.1	35.6	31.0
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	2525	247	60.6	51.4	46.9	42.4	37.9	33.4	28.8	24.3
Med Trucks	297	29	62.2	53.1	48.6	44.1	39.6	35.1	30.5	26.0
Hvy Trucks	149	15	64.0	54.9	50.4	45.9	41.4	36.8	32.3	27.8
TOTAL	2971	291	67.3	58.2	53.6	49.1	44.6	40.1	35.6	31.1
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	26	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	31	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHANGE FROM FUTURE NO PROJECT										
Autos	10	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	12	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-Newport32ndPM Year 2011 Weekday

Location: Newport Boulevard at 32nd Street

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 200	400	800	1600	3200	6400	12800
				(meters) 61	122	244	488	975	1951	3901
EXISTING (2006/2007/2008)										
Autos	2984	292	61.3	52.1	47.6	43.1	38.6	34.1	29.6	25.1
Med Trucks	351	34	63.0	53.8	49.3	44.8	40.3	35.8	31.3	26.7
Hvy Trucks	176	17	64.8	55.6	51.1	46.6	42.1	37.6	33.1	28.5
TOTAL	3510	344	68.0	58.9	54.4	49.8	45.3	40.8	36.3	31.8
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	3020	296	61.3	52.2	47.7	43.2	38.7	34.1	29.6	25.1
Med Trucks	355	35	63.0	53.9	49.4	44.9	40.3	35.8	31.3	26.8
Hvy Trucks	178	17	64.8	55.7	51.2	46.7	42.1	37.6	33.1	28.6
TOTAL	3553	348	68.1	58.9	54.4	49.9	45.4	40.9	36.3	31.8
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	3036	297	61.4	52.2	47.7	43.2	38.7	34.2	29.6	25.1
Med Trucks	357	35	63.0	53.9	49.4	44.9	40.4	35.9	31.3	26.8
Hvy Trucks	179	17	64.8	55.7	51.2	46.7	42.2	37.6	33.1	28.6
TOTAL	3572	350	68.1	59.0	54.4	49.9	45.4	40.9	36.4	31.9
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	53	5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Med Trucks	6	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hvy Trucks	3	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TOTAL	62	6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CHANGE FROM FUTURE NO PROJECT										
Autos	16	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	19	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportCoastAM Year 2011 Weekday

Location: Newport Boulevard at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Traffic Volume Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 375 (114 meters)	750 (229 meters)	1500 (457 meters)	3000 (914 meters)	6000 (1829 meters)	12000 (3658 meters)	24000 (7315 meters)
EXISTING (2006/2007/2008)										
Autos	4539	444	63.1	49.9	45.4	40.8	36.3	31.8	27.3	22.8
Med Trucks	534	52	64.8	51.6	47.1	42.5	38.0	33.5	29.0	24.5
Hvy Trucks	267	26	66.6	53.4	48.8	44.3	39.8	35.3	30.8	26.3
TOTAL	5340	523	69.8	56.6	52.1	47.6	43.1	38.5	34.0	29.5
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	5019	491	63.5	50.3	45.8	41.3	36.8	32.2	27.7	23.2
Med Trucks	591	58	65.2	52.0	47.5	43.0	38.5	33.9	29.4	24.9
Hvy Trucks	295	29	67.0	53.8	49.3	44.8	40.2	35.7	31.2	26.7
TOTAL	5905	578	70.3	57.0	52.5	48.0	43.5	39.0	34.5	29.9
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	5024	492	63.5	50.3	45.8	41.3	36.8	32.3	27.7	23.2
Med Trucks	591	58	65.2	52.0	47.5	43.0	38.5	33.9	29.4	24.9
Hvy Trucks	296	29	67.0	53.8	49.3	44.8	40.3	35.7	31.2	26.7
TOTAL	5910	579	70.3	57.0	52.5	48.0	43.5	39.0	34.5	29.9
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	485	47	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Med Trucks	57	6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Hvy Trucks	29	3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
TOTAL	570	56	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
CHANGE FROM FUTURE NO PROJECT										
Autos	4	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportCoastPM Year 2011 Weekday

Location: Newport Boulevard at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Traffic Volume Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 375 (114 meters)	750 (229 meters)	1500 (457 meters)	3000 (914 meters)	6000 (1829 meters)	12000 (3658 meters)	24000 (7315 meters)
EXISTING (2006/2007/2008)										
Autos	4837	474	63.4	50.1	45.6	41.1	36.6	32.1	27.6	23.1
Med Trucks	569	56	65.1	51.8	47.3	42.8	38.3	33.8	29.3	24.7
Hvy Trucks	285	28	66.9	53.6	49.1	44.6	40.1	35.6	31.1	26.5
TOTAL	5690	557	70.1	56.9	52.4	47.8	43.3	38.8	34.3	29.8
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	5484	537	63.9	50.7	46.2	41.7	37.1	32.6	28.1	23.6
Med Trucks	645	63	65.6	52.4	47.9	43.4	38.8	34.3	29.8	25.3
Hvy Trucks	323	32	67.4	54.2	49.7	45.1	40.6	36.1	31.6	27.1
TOTAL	6452	632	70.7	57.4	52.9	48.4	43.9	39.4	34.8	30.3
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	5487	537	63.9	50.7	46.2	41.7	37.1	32.6	28.1	23.6
Med Trucks	646	63	65.6	52.4	47.9	43.4	38.8	34.3	29.8	25.3
Hvy Trucks	323	32	67.4	54.2	49.7	45.2	40.6	36.1	31.6	27.1
TOTAL	6455	632	70.7	57.4	52.9	48.4	43.9	39.4	34.8	30.3
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	650	64	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Med Trucks	77	7	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Hvy Trucks	38	4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
TOTAL	765	75	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CHANGE FROM FUTURE NO PROJECT										
Autos	3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	3	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportHospitalAM Year 2011 Weekday

Location: Newport Boulevard at Hospital Road

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 300	600	1200	2400	4800	9600	19200
				91	183	366 (meters)	732	1463	2926	5852
EXISTING (2006/2007/2008)										
Autos	4164	408	62.7	51.0	46.4	41.9	37.4	32.9	28.4	23.9
Med Trucks	490	48	64.4	52.6	48.1	43.6	39.1	34.6	30.1	25.6
Hvy Trucks	245	24	66.2	54.4	49.9	45.4	40.9	36.4	31.9	27.3
TOTAL	4899	480	69.5	57.7	53.2	48.6	44.1	39.6	35.1	30.6
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	4406	431	63.0	51.2	46.7	42.2	37.6	33.1	28.6	24.1
Med Trucks	518	51	64.7	52.9	48.4	43.9	39.3	34.8	30.3	25.8
Hvy Trucks	259	25	66.5	54.7	50.2	45.7	41.1	36.6	32.1	27.6
TOTAL	5183	508	69.7	57.9	53.4	48.9	44.4	39.9	35.3	30.8
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	4411	432	63.0	51.2	46.7	42.2	37.7	33.1	28.6	24.1
Med Trucks	519	51	64.7	52.9	48.4	43.9	39.3	34.8	30.3	25.8
Hvy Trucks	259	25	66.5	54.7	50.2	45.7	41.1	36.6	32.1	27.6
TOTAL	5189	508	69.7	57.9	53.4	48.9	44.4	39.9	35.4	30.8
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	247	24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Med Trucks	29	3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Hvy Trucks	15	1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TOTAL	290	28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
CHANGE FROM FUTURE NO PROJECT										
Autos	5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	6	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportHospitalPM Year 2011 Weekday

Location: Newport Boulevard at Hospital Road

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 300	600	1200	2400	4800	9600	19200
				91	183	366 (meters)	732	1463	2926	5852
EXISTING (2006/2007/2008)										
Autos	4099	401	62.7	50.9	46.4	41.9	37.3	32.8	28.3	23.8
Med Trucks	482	47	64.4	52.6	48.1	43.5	39.0	34.5	30.0	25.5
Hvy Trucks	241	24	66.1	54.4	49.9	45.3	40.8	36.3	31.8	27.3
TOTAL	4822	472	69.4	57.6	53.1	48.6	44.1	39.6	35.0	30.5
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	4434	434	63.0	51.2	46.7	42.2	37.7	33.2	28.6	24.1
Med Trucks	522	51	64.7	52.9	48.4	43.9	39.4	34.9	30.3	25.8
Hvy Trucks	261	26	66.5	54.7	50.2	45.7	41.2	36.6	32.1	27.6
TOTAL	5216	511	69.7	58.0	53.4	48.9	44.4	39.9	35.4	30.9
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	4440	435	63.0	51.2	46.7	42.2	37.7	33.2	28.7	24.1
Med Trucks	522	51	64.7	52.9	48.4	43.9	39.4	34.9	30.3	25.8
Hvy Trucks	261	26	66.5	54.7	50.2	45.7	41.2	36.7	32.1	27.6
TOTAL	5224	512	69.7	58.0	53.4	48.9	44.4	39.9	35.4	30.9
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	342	33	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Med Trucks	40	4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Hvy Trucks	20	2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TOTAL	402	39	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
CHANGE FROM FUTURE NO PROJECT										
Autos	7	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	8	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportViaLidoAM Year 2011 Weekday

Location: Newport Boulevard at Via Lido

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 75	150	300	600	1200	2400	4800
				(meters) 23	46	91	183	366	732	1463
EXISTING (2006/2007/2008)										
Autos	3179	311	61.6	58.8	54.3	49.8	45.3	40.7	36.2	31.7
Med Trucks	374	37	63.2	60.5	56.0	51.5	47.0	42.4	37.9	33.4
Hvy Trucks	187	18	65.0	62.3	57.8	53.3	48.8	44.2	39.7	35.2
TOTAL	3740	366	68.3	65.5	61.0	56.5	52.0	47.5	43.0	38.4
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	3211	314	61.6	58.9	54.3	49.8	45.3	40.8	36.3	31.8
Med Trucks	378	37	63.3	60.5	56.0	51.5	47.0	42.5	38.0	33.5
Hvy Trucks	189	18	65.1	62.3	57.8	53.3	48.8	44.3	39.8	35.2
TOTAL	3778	370	68.3	65.6	61.1	56.6	52.0	47.5	43.0	38.5
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	3221	315	61.6	58.9	54.4	49.8	45.3	40.8	36.3	31.8
Med Trucks	379	37	63.3	60.6	56.0	51.5	47.0	42.5	38.0	33.5
Hvy Trucks	189	19	65.1	62.4	57.8	53.3	48.8	44.3	39.8	35.3
TOTAL	3789	371	68.3	65.6	61.1	56.6	52.0	47.5	43.0	38.5
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	42	4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Med Trucks	5	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hvy Trucks	2	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TOTAL	49	5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CHANGE FROM FUTURE NO PROJECT										
Autos	9	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	11	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-NewportViaLidoPM Year 2011 Weekday

Location: Newport Boulevard at Via Lido

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 75 (23 meters)	150 (46 meters)	300 (91 meters)	600 (183 meters)	1200 (366 meters)	2400 (732 meters)	4800 (1463 meters)
EXISTING (2006/2007/2008)										
Autos	3732	365	62.3	59.5	55.0	50.5	46.0	41.4	36.9	32.4
Med Trucks	439	43	63.9	61.2	56.7	52.2	47.7	43.1	38.6	34.1
Hvy Trucks	220	21	65.7	63.0	58.5	54.0	49.4	44.9	40.4	35.9
TOTAL	4390	430	69.0	66.2	61.7	57.2	52.7	48.2	43.7	39.1
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	3792	371	62.3	59.6	55.1	50.5	46.0	41.5	37.0	32.5
Med Trucks	446	44	64.0	61.3	56.8	52.2	47.7	43.2	38.7	34.2
Hvy Trucks	223	22	65.8	63.1	58.5	54.0	49.5	45.0	40.5	36.0
TOTAL	4461	437	69.0	66.3	61.8	57.3	52.8	48.2	43.7	39.2
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	3807	373	62.3	59.6	55.1	50.6	46.0	41.5	37.0	32.5
Med Trucks	448	44	64.0	61.3	56.8	52.3	47.7	43.2	38.7	34.2
Hvy Trucks	224	22	65.8	63.1	58.6	54.0	49.5	45.0	40.5	36.0
TOTAL	4479	439	69.1	66.3	61.8	57.3	52.8	48.3	43.7	39.2
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	76	7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Med Trucks	9	1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Hvy Trucks	4	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TOTAL	89	9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CHANGE FROM FUTURE NO PROJECT										
Autos	15	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	2	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	18	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 72.4 km/hr= 45.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	85.0%	Autos
15.0%	Evening	10.0%	Medium Trucks
15.0%	Night	5.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-RiversideCoastAM Year 2011 Weekday

Location: Riverside Avenue at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 600 (183 meters)	1200 (366 meters)	2400 (732 meters)	4800 (1463 meters)	9600 (2926 meters)	19200 (5852 meters)	38400 (11704 meters)
EXISTING (2006/2007/2008)										
Autos	4035	395	59.5	43.2	38.7	34.2	29.7	25.2	20.7	16.1
Med Trucks	314	31	59.9	43.6	39.1	34.6	30.0	25.5	21.0	16.5
Hvy Trucks	134	13	62.0	45.7	41.2	36.7	32.2	27.7	23.1	18.6
TOTAL	4483	439	65.4	49.1	44.6	40.1	35.6	31.0	26.5	22.0
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	4594	450	60.1	43.8	39.3	34.8	30.2	25.7	21.2	16.7
Med Trucks	357	35	60.4	44.2	39.6	35.1	30.6	26.1	21.6	17.1
Hvy Trucks	153	15	62.6	46.3	41.8	37.3	32.7	28.2	23.7	19.2
TOTAL	5104	500	66.0	49.7	45.1	40.6	36.1	31.6	27.1	22.6
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	4598	450	60.1	43.8	39.3	34.8	30.3	25.7	21.2	16.7
Med Trucks	358	35	60.4	44.2	39.6	35.1	30.6	26.1	21.6	17.1
Hvy Trucks	153	15	62.6	46.3	41.8	37.3	32.7	28.2	23.7	19.2
TOTAL	5109	500	66.0	49.7	45.2	40.6	36.1	31.6	27.1	22.6
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	563	55	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Med Trucks	44	4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Hvy Trucks	19	2	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
TOTAL	626	61	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
CHANGE FROM FUTURE NO PROJECT										
Autos	5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 56.3 km/hr= 35.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	90.0%	Autos
15.0%	Evening	7.0%	Medium Trucks
15.0%	Night	3.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-RiversideCoastPM Year 2011 Weekday

Location: Riverside Avenue at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 600	1200	2400	4800	9600	19200	38400
				(meters) 183	366	732	1463	2926	5852	11704
EXISTING (2006/2007/2008)										
Autos	4594	450	60.1	43.8	39.3	34.8	30.2	25.7	21.2	16.7
Med Trucks	357	35	60.4	44.2	39.6	35.1	30.6	26.1	21.6	17.1
Hvy Trucks	153	15	62.6	46.3	41.8	37.3	32.7	28.2	23.7	19.2
TOTAL	5104	500	66.0	49.7	45.1	40.6	36.1	31.6	27.1	22.6
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	5353	524	60.8	44.5	39.9	35.4	30.9	26.4	21.9	17.4
Med Trucks	416	41	61.1	44.8	40.3	35.8	31.3	26.8	22.2	17.7
Hvy Trucks	178	17	63.2	47.0	42.4	37.9	33.4	28.9	24.4	19.9
TOTAL	5948	582	66.6	50.3	45.8	41.3	36.8	32.3	27.7	23.2
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	5362	525	60.8	44.5	40.0	35.4	30.9	26.4	21.9	17.4
Med Trucks	417	41	61.1	44.8	40.3	35.8	31.3	26.8	22.2	17.7
Hvy Trucks	179	18	63.3	47.0	42.4	37.9	33.4	28.9	24.4	19.9
TOTAL	5958	583	66.6	50.3	45.8	41.3	36.8	32.3	27.8	23.2
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	769	75	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Med Trucks	60	6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Hvy Trucks	26	3	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
TOTAL	854	84	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
CHANGE FROM FUTURE NO PROJECT										
Autos	9	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	1	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	10	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 56.3 km/hr= 35.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	90.0%	Autos
15.0%	Evening	7.0%	Medium Trucks
15.0%	Night	3.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-TustinCoastAM Year 2011 Weekday

Location: Tustin Avenue at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 450	900	1800	3600	7200	14400	28800
				(meters) 137	274	549	1097	2195	4389	8778
EXISTING (2006/2007/2008)										
Autos	3731	365	55.1	40.7	36.1	31.6	27.1	22.6	18.1	13.6
Med Trucks	77	8	50.3	35.9	31.3	26.8	22.3	17.8	13.3	8.8
Hvy Trucks	38	4	54.4	40.0	35.5	31.0	26.5	22.0	17.5	12.9
TOTAL	3846	377	58.5	44.1	39.6	35.0	30.5	26.0	21.5	17.0
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	4337	425	55.7	41.3	36.8	32.3	27.8	23.3	18.7	14.2
Med Trucks	89	9	50.9	36.5	32.0	27.5	23.0	18.5	13.9	9.4
Hvy Trucks	45	4	55.1	40.7	36.2	31.7	27.1	22.6	18.1	13.6
TOTAL	4471	438	59.1	44.7	40.2	35.7	31.2	26.7	22.2	17.6
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	4341	425	55.7	41.3	36.8	32.3	27.8	23.3	18.7	14.2
Med Trucks	90	9	50.9	36.5	32.0	27.5	23.0	18.5	13.9	9.4
Hvy Trucks	45	4	55.1	40.7	36.2	31.7	27.1	22.6	18.1	13.6
TOTAL	4475	438	59.2	44.7	40.2	35.7	31.2	26.7	22.2	17.6
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	610	60	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Med Trucks	13	1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Hvy Trucks	6	1	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
TOTAL	629	62	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
CHANGE FROM FUTURE NO PROJECT										
Autos	4	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	4	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 40.2 km/hr= 25.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	97.0%	Autos
15.0%	Evening	2.0%	Medium Trucks
15.0%	Night	1.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.

Table 1
TRAFFIC NOISE IMPACT
FILE: NOISE-TustinCoastPM Year 2011 Weekday

Location: Tustin Avenue at Coast Highway

Vehicle Type	Traffic Volume 24-hr volume	Equiv 1-hr	Noise Reference Level (15 meters	Noise Level (dB Ldn) Centerline Distance (feet) 450	900	1800	3600	7200	14400	28800
				(meters) 137	274	549	1097	2195	4389	8778
EXISTING (2006/2007/2008)										
Autos	4320	423	55.7	41.3	36.8	32.3	27.8	23.2	18.7	14.2
Med Trucks	89	9	50.9	36.5	32.0	27.5	23.0	18.4	13.9	9.4
Hvy Trucks	45	4	55.1	40.7	36.2	31.6	27.1	22.6	18.1	13.6
TOTAL	4454	436	59.1	44.7	40.2	35.7	31.2	26.7	22.1	17.6
Attenuation from existing walls:										
FUTURE NO PROJECT (2011)										
Autos	5142	503	56.5	42.1	37.5	33.0	28.5	24.0	19.5	15.0
Med Trucks	106	10	51.7	37.3	32.7	28.2	23.7	19.2	14.7	10.2
Hvy Trucks	53	5	55.8	41.4	36.9	32.4	27.9	23.4	18.8	14.3
TOTAL	5301	519	59.9	45.5	41.0	36.4	31.9	27.4	22.9	18.4
Attenuation from existing walls:										
FUTURE WITH PROJECT (2011)										
Autos	5149	504	56.5	42.1	37.5	33.0	28.5	24.0	19.5	15.0
Med Trucks	106	10	51.7	37.3	32.7	28.2	23.7	19.2	14.7	10.2
Hvy Trucks	53	5	55.8	41.4	36.9	32.4	27.9	23.4	18.9	14.3
TOTAL	5308	520	59.9	45.5	41.0	36.4	31.9	27.4	22.9	18.4
Attenuation from existing walls:										
CHANGE FROM EXISTING										
Autos	828	81	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Med Trucks	17	2	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Hvy Trucks	9	1	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
TOTAL	854	84	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
CHANGE FROM FUTURE NO PROJECT										
Autos	7	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Med Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hvy Trucks	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	7	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Average speed: 40.2 km/hr= 25.0 mi/hr

Time of day:		Fleet Mi	
70.0%	Day	97.0%	Autos
15.0%	Evening	2.0%	Medium Trucks
15.0%	Night	1.0%	Heavy Trucks
100.0%		100.0%	

Notes: Based on methods of Federal Highway Administration "Highway Traffic Noise Model", FHWA-RD-77-108, December, 1978.
Traffic data obtained from Austin-Foust Associates, Inc.