TABLE 2-1: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 1, 2 AND 3

Segment Number: Inter-changes	Noise Barrier ID (if applicable)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions With K-Factor: No Abatement L_{eq} (dBA)	Future Conditions With K-Factor: Noise Level Exceeds Cat. B NAC?	Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Edge of Shoulder: 1.83 m (6 ft)	Edge of Shoulder: 2.44 m (8 ft)	Edge of Shoulder: 3.05 m (10 ft)	Edge of Shoulder: 3.66 m (12 ft)	Edge of Shoulder: 4.27 m (14 ft)	Edge of Shoulder: 4.88 m (16 ft)	Noise Levels with Right-of-Way Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Right-of-Way: 1.83 m (6 ft)	Right-of-Way: 2.44 m (8 ft)	Right-of-Way: 3.05 m (10 ft)	Right-of-Way: 3.66 m (12 ft)	Right-of-Way: 4.27 m (14 ft)	Right-of-Way: 4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
1: Miramar to Carroll Canyon	1-1	W	103	9745 Mesa Springs Way	67	68	yes	0	71	yes	2.9	71	71	70	68	67	66	2.4	,69	68	67	66	65	64	12' at R/W
		W	102	9745 Mesa Springs Way	65	65	no	0	67	yes		66	65	65	64	64	63		66	65	64	63	63	63	12' at R/W / Top of Slope
		W	101	9715 Mesa Springs Way	67	66	yes	0	67	yes	2.5	67	66	66	65	64	63	4.1	66	65	64	63	63	62	16' at R/W
		W	100	9715 Mesa Springs Way	69	71	yes	0	72	yes		72	72	71	70	69	68		70	69	68	67	66	65	
		W	105C	10208 Maya Linda Rd	66	69	yes	-2	69	yes		69	69	69	69	69	68		69	68	67	66	65	64	
		W	105B	10208 Maya Linda Rd	69	71	yes	0	71	yes	3.2	70	70	69	69	68	67	2.3	70	70	68	67	66	65	14' at R/W
2: Carroll Canyon to Mira Mesa Blvd	2-1	W	105	10208 Maya Linda Rd	69	70	n/a [2]	0	71	n/a [2]	< 1.5	69	68	67	66	65	65	< 1.5	70	68	67	66	64	64	16' at R/W
		W	105A	10208 Maya Linda Rd	68	67	yes	-1	68	yes	< 1.5	67	66	65	64	64	63	< 1.5	67	66	66	65	64	63	
		W	1105	10208 Maya Linda Rd		70	yes	0	71	yes	< 1.5	70	69	68	68	67	66	< 1.5	71	70	69	68	67	67	
		W	104	10208 Maya Linda Rd	74	75	n/a [2]	0	78	n/a [2]	< 1.5	74	72	71	69	68	68	< 1.5	75	72	69	68	67	67	12' at E/S (transitions)
		W	104A	10208 Maya Linda Rd	72	72	yes	-1	75	yes	< 1.5	72	71	70	69	68	67	< 1.5	73	71	70	68	68	67	
		W	1303-1	10320 Maya Linda Rd		66	yes	0	71	yes	1.8	67	66	65	64	63	63								8' at E/S
		W	303	10340B Maya Linda Rd.	65	68	yes	0	73	yes	1.8	69	67	66	65	64	63								
		W	1303-2	10360 Maya Linda Rd		68	yes	0	72	yes	1.8	68	67	65	64	63	63								
		W	302	10380C Maya Linda Rd.	65	68	yes	0	72	yes	2.7	68	66	65	64	63	63								
		W	1302-1	10420 Maya Linda Rd		70	yes	0	74	yes	2.7	70	69	67	66	65	64								
		W	1302-2	10440 Maya Linda Rd		69	yes	0	73	yes	2.7	69	68	66	65	64	63								
		W	301/301R	10480 Maya Linda Rd.	70	71	yes	0	74	yes	2.7	71	69	68	67	66	65								
		W	1301	10480 Maya Linda Rd		70	yes	0	74	yes	2.7	71	69	68	67	66	65								
		W	300/300R	9889 Erma Road	69	71	yes	0	75	yes	2.7	72	70	69	68	67	66								
3: Mira Mesa to Mercy/ Scripps	n/a	W	1112	11297 Spitfire Rd.		60	no	-4	60	no		58	58	57	57	56	56		60	60	60	60	60	60	DNQ [1]
		W	112	11331 Spitfire Rd.	56	58	no	-4	60	no	1.8	58	58	57	57	56	56	<1.5	60	60	60	60	60	60	
		W	112A	11310 Spitfire Rd.	60	63	no	0	64	no		63	62	62	61	60	59		64	64	64	64	64	64	
		W	113	11341 Spitfire Rd.	60	61	no	0	63	no		62	61	61	60	60	60		63	63	63	63	63	63	
		W	114	11365 Spitfire Rd.	53	61	no	0	63	no	<1.5	62	62	61	61	60	60	3.2	63	63	63	63	63	63	
		W	114A	11390 Spitfire Rd.	62	60	no	-3	62	no		61	60	59	58	57	57		62	62	62	62	62	62	
		W	115A	11397 Spitfire Rd.	61	63	no	0	65	no		64	63	62	61	60	60		65	65	65	65	65	65	
		W	116	11445 Spitfire Rd.	53	57	no	-8	59	no		58	57	56	54	53	53		59	59	59	59	59	59	
	3-1	E	106	9848 Erma Drive	68	71	yes	-2	71	yes	4	71	71	71	71	71	70	<1.5	70	70	69	68	67	66	16' at R/W
		E	3	9899 Scripps Westview	75	74	yes	0	75	yes		74	74	74	74	74	73		73	72	71	70	69	68	
		E	107	9899 Erma Way	75	75	n/a [3]	0	75	n/a [3]	PLEASE REFER TO TABLE 2-1A FOR THE DATA FOR THESE SITE ID'S														DNQ [1]
	3-2	E	108	9895 Scripps Westview	73	74	n/a [3]	0	75	n/a [3]															12' at E/S
		E	1002	9889 Scripps Westview		82	n/a [3]	6	83	n/a [3]															
		E	2A	9889 Scripps Westview	78	78	n/a [3]	3	79	n/a [3]															
		E	2	9889 Scripps Westview	79	81	n/a [3]	6	81	n/a [3]															
		E	1109	9906 Scripps Westview		79	n/a [3]	4	80	n/a [3]															
		E	109	9906 Scripps Westview	77	79	n/a [3]	4	80	n/a [3]															
	3-3	E	1110	9926 Scripps Westview		80	n/a [3]	4	80	n/a [3]															14' at R/W
		E	110	9926 Scripps Westview	75	76	n/a [3]	4	77	n/a [3]															
		E	1A	10070 Scripps Vista Way	70	71	yes	-1	72	yes		72	71	70	69	67	66		71	70	69	68	67	66	
		E	1	10070 Scripps Vista Way	65	64	no	-1	65	no		65	65	64	64	64	63		64	64	64	64	63	63	
		E	111	10040 Scripps Vista Way	67	67	yes	-1	67	yes	3.1	67	67	67	66	65	64	6.3	67	67	66	66	65	64	
		E	117	10020 Scripps Vista Way	66	69	yes	-1	70	yes		70	70	70	69	69	68		70	68	67	66	65	64	
		E	3A	9899 Scripps Westview	68	72	yes	0	72	yes	3.5	72	72	72	71	70	69	<1.5	71	70	68	67	66	65	12' at R/W
		E	118	9990 Scripps Vista Way	59	62	no	-3	63	no	3.5	63	63	63	63	62	61	<1.5	61	59	59	58	58	57	

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}.

1 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

2 - Not Applicable. The site is not representative of a noise-sensitive land use.

3 - Not Applicable. The site is not representative of an Activity Category B land use. Site is representative of an Activity Category E land use (interior noise standard). Please refer to Table 2-1A.

TABLE 2-1A: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENT 3

Segment Number: Inter-changes	Noise Barrier ID (if applic-able)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions						Future Conditions With K-Factor																Description of Most Effective Soundwall (Location and Height)
													Interior Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA)							Interior Noise Levels with Right-of-Way Soundwall (L_{eq} dBA)							
					Max Exterior Measured L_{eq} (dBA)	Modeled Existing Exterior Peak-Noise Hour L_{eq} (dBA)	Measured Interior Noise Level (Windows Closed) (dBA)	Measured Insertion Loss (dBA)	Interior Noise Level Exceeds Cat. E NAC?	K-Factor (dBA)	No Abatement Interior L_{eq} (dBA)	Interior Noise Level Exceeds Cat. E NAC?	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	
	3-1	E	107	9899 Erma Way	75	75	50	25	No	0	50	no															DNQ
		E	108	9895 Scripps Westview	73	74	49	25	No	0	50	no															
		E	1002	9889 Scripps Westview		82	57	25	yes	6	58	Yes		57	56	55	53	52	51		58	57	57	56	55	54	12' at E/S
	3-2	E	2A	9889 Scripps Westview	78	78	53	25	yes	3	54	Yes	3.2	54	52	51	49	48	47	4.9	54	54	54	54	52	51	
		E	2	9889 Scripps Westview	79	81	56	25	yes	6	n/a [2]	n/a [2]		56	54	52	51	50	49		56	56	56	55	54	52	
		E	1109	9906 Scripps Westview		79	54	25	yes	4	55	Yes		55	53	51	50	49	48		55	55	55	55	54	52	
		E	109	9906 Scripps Westview	77	79	54	25	yes	4	55	Yes		54	53	51	50	48	47		54	54	54	53	53	51	
	3-3	E	1110	9926 Scripps Westview		80	55	25	yes	4	55	Yes		54	53	52	51	49	48		55	53	52	51	50	49	14' at R/W
		E	110	9926 Scripps Westview	75	76	51	25	No	4	52	Yes	3.5	51	50	50	49	48	46	2.4	51	50	50	48	47	46	

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}

1 - DNQ - Does not qualify for consideration of noise abatement, does not approach or exceed the NAC for Category E land uses of 52 dBA L_{eq} (h)

2 - Not Applicable. The site is not representative of a noise-sensitive land use

TABLE 2-2: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 4, 5

Segment Number: Inter-changes	Noise Barrier ID (if applicable)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions				Future Conditions With K-Factor																							
											Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA)							Noise Levels with Right-of-Way Soundwall (L_{eq} dBA)							Noise Levels with Property Line Soundwall (L_{eq} dBA)							
					Max Measured L_{eq} (dBA)	Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Noise Level Exceeds Cat. B NAC?	K-Factor (dBA)	No Abatement L_{eq} (dBA)	Noise Level Exceeds Cat. B NAC?	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
4: Mercy/ Scripps to Poway Road/ Rancho Penas-quitos	4-1A,B	W	306	9860 Mercy Road	65	66	yes	0	68	yes		66	66	65	64	63	62															
		W	305	9854 Mercy Road	64	66	yes	0	69	yes	2.7	67	67	65	64	63	62															14' at E/S
		W	304	9848 Mercy Road	63	63	no	0	66	yes	1.8	64	64	63	62	61	60															
		W	304A	9933 Kika Ct.	55	58	no	-2	61	no		60	59	58	57	57	56															
		W	307	9842 Mercy Road	61	55	no	-8	58	no		57	56	55	54	53	52															
	4-1B	W	304B	9905 Kika Ct.	57	60	no	-1	63	no		62	61	60	59	58	58															14' at E/S
		W	119	9980 Kika Ct.	61	63	no	0	65	no		64	63	62	61	61	60															
		W	120	9946 Kika Ct.	65	65	no	0	66	yes	<1.5	66	65	64	63	62	62															
		W	120A	9946 Kika Street	59	63	no	-1	65	no		64	63	62	61	60	60															
		W	120B	9946 Kika Street	61	65	no	0	67	yes	<1.5	66	65	64	63	62	61															
		W	121	9952 Kika Ct.	65	66	yes	0	69	yes	1.8	68	66	65	65	64	63															
	n/a	W	1122-2	9741 Paseo Montril		61	no	0	62	no																						DNQ [1]
	4-2	W	1122-1	9749 Paseo Montril		64	no	0	66	yes															<1.5	63	61	59	58	57	56	8' at P/L
		W	122A/AR	9765 Paseo Montril	67	69	yes	0	70	yes															<1.5	67	64	62	60	59	58	
		W	123A	9811 Paseo Montril	67	68	yes	0	70	yes															<1.5	67	65	63	61	59	58	
		W	124A	9829 Paseo Montril	73	74	yes	0	76	yes															<1.5	76	76	76	76	76	76	10' at P/L
		W	125/125R	9829 Paseo Montril	66	67	yes	0	68	yes															<1.5	67	65	62	61	60	59	
		W	1125-2	9841 Paseo Montril	0	65	no	0	66	yes															<1.5	64	63	61	61	60	59	
5: Poway Road/ Rancho Penas-quitos Blvd to SR 56 (Ted Williams Pkwy)	n/a	W	126	10273 Via del Sud	61	61	no	0	63	no																						DNQ [1]
		W	127A	10289 Ave. Grande	62	63	no	0	65	no																						
		W	128	13035 Via del Sud	57	64	no	0	65	no																						
		W	129	10329 Azuaga St.	57	59	no	-3	61	no																						
		W	130	10341 Azuaga St.	59	59	no	-4	61	no																						
	5-1	W	5	10365 Azuaga St.	65	65	no	0	66	yes	<1.5	66	66	66	66	66	66								1.5	66	65	63	62	60	59	14' at Existing Soundwall Location
	n/a	W	131	10377 Azuaga St.	63	63	no	0	65	no															1.5	65	64	62	60	58	57	DNQ [1]
		W	308	Ted Williams Pkwy O/R	60	61	no	-8	61	no		61	60	60	59	59	58															
		W	309	Ted Williams Pkwy O/R	57	60	no	-5	60	no		60	60	59	59	58	58															

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}

1 - DNQ - Does not qualify for consideration of noise abatement, does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h)

TABLE 2-3: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENT 6

Segment Number: Inter-changes	Noise Barrier ID (if applic-able)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions (With K-Factor): No Abatement L_{eq} (dBA)	Future Conditions (With K-Factor): Noise Level Exceeds Cat. B NAC?	Noise Levels w/ Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Noise Levels w/ Edge of Shoulder Soundwall (L_{eq} dBA): 1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels w/ Right-of-Way[1] Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels w/ Property Line Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Modified Berm	Description of Most Effective Soundwall (Location and Height)
6: SR-56 (Ted Williams Pkwy) to Carmel Mountain Rd		W	1312	Caminito Sulmona		57	no	0	63	no		63	63	63	63	62	62		62	61	60	60	59	59									DNQ [3]
	n/a	W	332	10514 Caminito Sulmona	57	57	no	0	62	no		62	62	62	62	62	62		62	62	61	61	60	60									Not Feasible
		W	311	13859 Via Rimini	63	66	yes	0	68	yes	1.9	68	68	67	67	66	66	4.0	68	68	68	68	67	65	<1.5	68	68	68	68	67	65		14' at P/L / R/W
	6-1	W	1310	13883 Via Rimini		66	yes	-1	68	yes		68	68	68	68	67	67		68	67	66	64	63	62		68	67	66	64	63	62		16' at P/L / R/W
		W	310	13899 Via Rimini	62	65	no	-1	68	yes	7.8	68	68	68	68	67	67	<1.5	66	65	63	62	62	61	<1.5	68	68	66	65	64	63		10' at P/L
	6-2	W	1132	14022 Caminito Almonte		72	yes	3	74	yes		74	74	74	73	73	73		74	73	73	72	70	69		72	71	69	68	67	66		
		W	132	14020 Caminito Almonte	73	75	n/a [2]	3	77	n/a [2]																							
		W	6	11093 Via San Marco	70	68	yes	0	70	yes	8.2	70	70	70	70	70	70	5.3	70	70	70	70	70	70	2.1	70	69	66	65	63	62		12' at P/L
		W	1133-1	11094 Via San Marco		69	yes	0	71	yes		71	71	71	71	71	71		71	71	71	71	69	68		71	69	67	65	63	62		
		W	133	14187 Conluito Quevedo	68	69	yes	0	72	yes	4.7	72	72	72	71	71	71	3.4	72	72	72	72	71	71	<1.5	72	70	68	67	65	64		
		W	1133-2	14203 Caminito Quevedo		70	yes	0	75	yes		75	74	73	72	71	70		75	75	75	75	74	70		75	75	71	67	65	63		
	6-3	W	134	10955 Carmel Mountain Rd	66	65	no	0	73	yes	3.4	73	72	71	70	68	67	5.8	73	73	72	71	70	68								67	Modified Berm
		W	1134	10955 Carmel Mountain Rd		65	no	0	75	yes		75	74	72	71	69	68		75	75	74	73	71	70								69	
		W	3135-1	10955 Carmel Mountain Rd		64	no	0	74	yes		74	73	71	70	69	67		74	73	72	71	70	68								67	
		W	135	10955 Carmel Mountain Rd	64	64	no	0	74	yes	3.2	74	73	72	70	69	68	<1.5	74	74	72	71	70	68								67	
		W	8	10955 Carmel Mountain Rd	63	64	no	-2	69	yes		68	68	68	68	67	66		69	68	68	68	68	67								67	
		W	1135-2	10955 Carmel Mountain Rd		67	yes	0	76	yes		75	74	73	72	71	69		75	75	74	73	72	70								69	
		W	136	10955 Carmel Mountain Rd	65	68	yes	0	75	yes	3.6	75	74	73	72	71	70	2.5	75	75	74	74	73	71								70	
		W	1136	10955 Carmel Mountain Rd		66	yes	0	74	yes		74	73	72	70	69	68		74	74	73	71	70	69								69	
		W	137	10955 Carmel Mountain Rd	63	67	yes	0	74	yes	3.2	74	73	71	70	69	67	2.9	74	73	72	70	69	68								69	
		W	1137	10955 Carmel Mountain Rd		65	no	0	74	yes		74	72	70	69	68	67		74	72	70	69	68	67								68	
		W	7	10955 Carmel Mountain Rd	62	64	no	0	71	yes		71	69	68	67	66	66		71	69	68	67	66	66								66	
		W	316	10955 Carmel Mountain Rd.	60	62	no	-2	67	yes		67	67	67	66	65	64		67	67	67	66	65	64								64	
		W	315	10955 Carmel Mountain Rd.	66	66	yes	0	73	yes	3.3	72	72	71	70	68	67	2.3	72	72	71	70	68	67								68	
		W	1314	10955 Carmel Mountain Rd		67	yes	-1	73	yes		73	72	71	70	68	67		73	72	71	69	68	67								68	
		W	314	10955 Carmel Mountain Rd.	62	64	no	-1	69	yes	3.3	68	68	67	66	65	64	3.2	68	68	67	66	65	64								66	
	n/a	W	313	14340 Penasquitos Dr.	67	58	n/a [2]			n/a [2]																							n/a [2]
	6-4	E	138B	Adj to 10282 Rancho Carmel Dr	62	64	no	0	66	yes		66	65	64	63	62	61																16' at E/S [4]
		E	138A	Adj to 10282 Rancho Carmel Dr	62	64	no	-1	66	yes		65	64	63	62	61	60																
		E	1138-1	10278 Rancho Carmel Dr		65	no	0	66	yes		66	65	64	63	62	61									66	65	64	64	64	63		
		E	138	10282 Rancho Carmel Dr	63	65	no	0	67	yes	3.2	66	66	64	63	62	62								1.8	67	66	63	62	60	59		
		E	1138-2	10296 Rancho Carmel Dr		65	no	0	67	yes		66	66	64	64	63	62									67	64	61	60	59	59		
		E	139	10320 Rancho Carmel Dr	58	65	no	0	67	yes	<1.5	66	66	65	64	63	62								3.0	67	67	65	63	61	59		
		E	139Alt	10314 Rancho Carmel Dr	63	65	no	0	67	yes		66	66	65	64	63	62									67	67	66	64	62	61		
		E	1139	1525 Tanglewood		65	no	0	67	yes		67	66	65	64	63	62									67	67	67	64	62	60		
		E	1140-1	10326 Rancho Carmel Dr		62	no	-3	64	no		64	63	62	61	60	59									64	61	59	57	55	54		
		E	140	10326 Rancho Carmel Dr	57	62	no	-3	65	no	3.1	64	63	62	61	60	60								1.4	65	64	61	59	57	56		
		E	1140-2	Rancho Carmel Dr		62	no	-3	64	no		64	63	62	61	60	60									64	63	61	59	58	56		
		E	141	10388 Rancho Carmel Dr	57	59	no	-4	62	no	3.2	62	61	61	60	59	58		62	62	61	61	61	61	1.4	62	61	59	57	56	55		
		E	1141	Rancho Carmel Dr		58	no	-4	61	no		61	61	60	60	59	58		61	61	60	60	60	60		60	60	60	59	57	56		
		E	1142	1525 Tanglewood		61	no	-2	64	no		64	64	64	63	63	62		64	64	63	62	62	61									16' at Existing Berm Location
		E	142A	14042 Chicarita Creek	59	62	no	-2	66	yes	3.3	66	66	65	65	64	63		65	65	64	63	63	62									
		E	143A	14076 Chicarita Creek	68	63	no	-1	69	yes	2.9	69	69	68	67	66	65		68	67	66	65	64	63									
		E	1143	14134 Chicarita Creek		62	no	-1	67	yes		67	67	67	66	65	64		66	65	64	63	63	62									
		E	144	14136 Chicarita Creek	62	63	no	0	66	yes	2.5	66	66	66	66	66	65		66	65	64	64	63	63									
	n/a	E	1144	14174 Chicarita Creek		63	no	0	65	no		65	65	65	65	65	65		65	64	64	64	63	63									DNQ [3]
		E	145	14192 Chicarita Creek	67	63	no	0	65	no		65	65	65	65	64	64		64	64	63	63	63	62									
		E	1145	14222Z Chicarita Creek		61	no		63	no		63	63	63	63	63	63		63	63	63	62	62	61									
		E	9	14228 Woodbrush Rd	58	61	no	0	64	no		64	64	64	64	64	63		64	64	63	62	62	61									
		E	146	14234 Chicarita Creek	63	63	no	0	68	yes		67	67	66	65	65	64		68	67	67	66	65	64									n/a [5]

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}.

1 - Right-of-way soundwall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way.

2 - Not Applicable. The site is not representative of a noise-sensitive land use.

3 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

4 - A 4.88 meter (16 foot) high soundwall constructed at the edge of shoulder (E/S) would provide the minimum 5 decibel insertion loss necessary in order to be considered feasible. Construction of a 4.88 meter high wall at the E/S would require completion of a fact sheet in order to comply with the provisions of Chapter 1100 (see also Section 82.2, "Approvals for Non Standard Design" of the Caltrans Highway Design Manual, 5th edition., July 1, 1995).

5 - Land use in question is hotel/motel. While subject to Category B NAC, there are no apparent exterior living use areas adjacent to the freeway. Based upon prior measurements for similar construction types, interior noise levels would be below interior NAC of 52 dBA L_{eq} (h)

TABLE 2-4: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 7, 8

Segment Number: Inter-changes	Noise Barrier ID (if applicable)	Freeway Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions (With K-Factor): No Abatement L_{eq} (dBA) [4]	Future Conditions: Noise Level Exceeds Cat. B NAC?	Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Right-of-Way[1] Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Property Line Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
7 Carmel Mountain Rd to Camino del Norte	7-1 Alt	W	GC-1	14555 Penasquitos Dr		71	yes	0	72	yes									71	70	69	67	66	65								14' at R/W / Top of Berm Feature
		W	GC-2	14555 Penasquitos Dr		70	yes	0	70	yes									69	69	68	67	66	66								
		W	GC-3	14555 Penasquitos Dr		70	yes	0	68	yes									66	66	65	64	63	63								
	n/a	W	GC-4	14555 Penasquitos Dr		67	yes	0	63	no																						DNQ [2]
		W	GC-5	14555 Penasquitos Dr		71	yes	0	65	no																						
		W	147	15025 Andorra Way	57	60	no	-3	62	no																						
		W	148	15081 Andorra Way	61	64	no	0	64	no																						
		W	149	15205 Andorra Way	63	65	no	-1	63	no								3.4	62	62	61	61	61	61	1.5	63	62	61	60	58	57	
	7-1	W	150	15255 Andorra Way	72	72	yes	0	72	yes								5.5	72	71	70	69	68	67	1.5	70	67	65	63	62	61	14' at P/L
		W	151	15305 Andorra Way	67	70	yes	0	70	yes								2.7	69	68	68	67	66	66	1.5	69	68	67	66	64	63	
		W	1151	Andorra Way		66	yes	0	67	yes								4.3	67	67	66	66	65	65	1.5	67	66	64	63	62	61	
	n/a	W	152	15304 Paseo Ajanta	56	58	no	-2	60	no																						DNQ [2]
		W	13	15314 Paseo Ajanta	52	55	no	-4	58	no																						
		W	153A	15346 Paseo Ajanta	57	59	no	0	63	no																						
		W	154	15404 Paseo Ajanta	51	53	no	-2	61	no																						
		W	32	11397 Paseo Albacete	52	54	no	-1	61	no																						
		W	155	15494 Paseo Ajanta	47	49	no	-4	53	no																						
		W	156	11253 Corte Montanoso	57	60	no	-2	63	no																						
		W	157	Corte Montanoso		61	no	-1	64	no																						
8 Camino del Norte to Bernardo Center Dr (southern crossing)	8-1A, B	W	1358	Lofty Trail Ct.		65	no	0	66	yes		63	64	63	62	63	60		66	66	66	66	66	66		66	66	66	66	66	65	14' at E/S
		W	158	15508 Lofty Trail Ct	64	65	no	0	66	yes	2.2	65	64	63	62	61	60	6.0	66	66	66	66	66	66	2.0	66	66	66	65	65	63	
		W	159	15717 Lofty Trail Ct.	60	63	no	-2	64	no		63	62	61	60	59	58		64	64	64	64	64	64		64	64	64	64	63	63	
		W	160	15765 Lofty Trail Dr	63	65	no	0	65	no	3.7	64	63	63	62	61	60	10.6	65	65	65	65	65	65	2.5	65	65	65	65	65	64	16' at E/S [3]
		W	161	15813 Lofty Trail Dr	64	67	yes	0	66	yes		65	65	64	63	62	61		66	66	66	66	66	66		66	66	66	65	63	62	
		W	165A	15853 Lofty Trail Dr	67	69	yes	-1	71	yes	4.6	70	68	68	66	65	64	6.2	71	71	71	71	71	71	2.0	71	71	69	68	66	65	12' at E/S [3]
	8-2	W	1365	Lofty Trail Dr		67	yes	-3	69	yes		69	69	69	69	68	68		69	69	69	69	69	69		69	68	67	66	66	65	10' at P/L
		W	166	11515 Windy Summit	68	68	yes	0	70	yes	8.3	70	70	70	70	70	70	5.5	70	70	69	68	67	66	<1.5	68	66	64	62	61	60	
		W	1166	Windy Summit		69	yes	0	71	yes		71	71	71	71	70	70		70	70	70	69	69	68		69	66	64	63	62	61	
		W	167	15945 Lofty Trail Dr	65	68	yes	0	69	yes	7.6	69	69	69	69	69	69	4.7	69	69	69	68	68	67	<1.5	67	64	62	60	59	58	
		W	168	15991 Lofty Trail Dr	66	69	yes	0	70	yes		70	70	70	69	69	69		70	70	69	69	69	69		68	66	64	63	61	60	
		W	1168	16029 Lofty Trail Dr		70	yes	0	70	yes		70	70	70	70	69	69		70	70	70	70	70	69		68	65	64	62	61	60	
		W	169	16403 Lofty Trail Dr	65	68	yes	-3	68	yes	10.0	68	68	68	68	68	68	7.3	68	68	68	68	68	68	<1.5	66	64	62	61	60	59	
		W	170	11525 Eaglesview	71	70	yes	0	70	yes		70	70	69	69	69	69		70	70	70	70	70	69		66	64	62	61	60	59	
		W	171	10525 Earthstar Ct	70	70	yes	6	71	yes		71	70	70	70	70	70		71	71	71	71	71	70		69	67	66	65	65	65	
		W	1171	10512 Earthstar Ct		71	yes	6	72	yes		72	72	72	72	72	72		72	72	72	72	72	72		70	69	67	66	66	65	
		W	1172-1	16165 Lofty Trail Dr		60	no	0	62	no		62	62	62	62	62	62									60	59	58	58	58	57	
		W	18	16133 Lofty Trail Dr	60	57	no	0	59	no		59	59	59	59	59	59									58	57	57	56	56	56	
		W	172A	16149 Lofty Trail Dr	64	69	yes	0	70	yes	15.5	70	70	69	69	69	69								<1.5	66	63	61	59	58	57	
		W	1172-2	16165 Lofty Trail Dr		68	yes	0	70	yes		69	69	69	69	69	68									66	63	60	58	57	57	
		W	173	16181 Lofty Trail Dr	61	64	no	-3	66	yes	8.0	66	66	66	66	66	65								<1.5	63	61	59	58	57	56	
		W	1173	11488 Turtleback		64	no	-1	66	yes		66	66	66	66	66	66									66	64	61	59	57	57	
		W	174A	11476 Turtleback	62	66	yes	0	68	yes		68	68	68	68	68	68									67	65	63	61	59	58	
		W	17	11464 Turtleback	53	56	no	-2	58	no		58	58	58	58	58	58									58	57	56	56	55	55	
		W	175	11452 Turtleback	60	63	no	-2	65	no	7.5	65	65	65	65	65	65								<1.5	65	64	60	58	56	55	
	8-3	E	1162	Avenida Sivrita		66	yes	-2	67	yes		67	67	68	67	67	66		67	66	65	64	63	63		67	65	64	62	61	60	12' at P/L
		E	162	11503 Avenida Sivrita	64	67	yes	-2	69	yes		69	69	69	69	68	68		69	69	67	66	65	64		69	67	65	63	62	60	
		E	163	Avenida Sivrita	67	69	yes	0	72	yes	7.7	72	72	72	72	72	72	6.0	72	72	72	72	72	71	<1.5	72	70	68	65	64	62	
		E	164	Avenida Sivrita	62	66	yes	-2	68	yes		68	68	68	67	67	66		68	68	68	67	67	67		68	66	65	63	62	61	
	8-4	E	1176	El Paracho		67	yes	0	68	yes		68	68	68	67	67	66									66	63	61	59	58	58	10' at P/L
		E	176	11698 El Paracho	70	70	yes	0	72	yes		72	72	72	71	70	70									71	68	66	63	62	61	
		E	177	11722 Calle Vivienda	69	70	yes	0	72	yes	12.2	72	72	72	72	71	71	10.2	72	72	72	71	70	69	<1.5	69	67	65	64	63	62	
		E	178	11740 Calle Vivienda	66	69	yes	0	70	yes		70	70	70	70	70	70		70	70	70	70	69	69		68	66	64	63	62	61	
		E	179D	11762 Vivienda	69	70	yes	3	71	yes	13.0	71	71	71	71	71	71	<1.5	71	70	69	69	68	68	<1.5	71	71	71	69	68	66	
		E	179	11762 Calle Vivienda	63	63	no	0	64	no		64	64	64	64	64	64		64	64	64	63	63	63		64	64	64	63	62	61	
		E	179C	11762 Vivienda	60	62	no	0	64	no		64	64	64	64	64	64		64	63	63	63	63	62		64	63	63	62	61	61	
		E	180	11658 Corte Giera	65	67	yes	-3	68	yes	16.8	68	68	68	68	68	68	<1.5	68	68	68	68	68	67	<1.5	67	65	64	63	63	62	12' at P/L
		E	1180	11650 Corte Giera		70	yes	3	71	yes		71	71	71	71	71	71		71	71	71	71	70	70		69	67	65	63	62	61	
	8-5	E	181	11705 Debas Misiones	59	70	yes	-2	71	yes	14.7	71	71	71	71	71	70								<1.5	70	65	62	60	58	58	10' at P/L
		E	1181-1	16042 Caminito Tomas		66	yes	-2	67	yes		67	67	67	67	67	66									65	63	61	60	58	57	
		E	1181-2	16082 Caminito Tomas		68	yes	-2	69	yes		69	69	69	69	68	68									68	64	62	60	58	57	
	8-6	E	318	16146 Avenida Venusto	69	70	yes	0	72	yes	12.0	72	72	72	72	72	71								1.5	72	70	68	66	64	63	14' at P/L
		E	1318	16150 Avenida Venusto		72	yes	0	74	yes		74	74	74	74	74	73									74	73	72	71	69	67	
		E	317	16156 Avenida Venusto	69	71	yes	0	73	yes	12.3	73	73	73	73	73	72								<1.5	73	73	73	71	69	66	16' at P/L
	8-7	E	1019-1	11705 Corte Sosegada		66	yes	-4	67	yes		67	67	67	67	67	67									67	65	63	61	59	56	12' at P/L
		E	19	11706 Corte Sosegada	60	62	no	-4	61	no	9.9	61	61	61	61	61	61								<1.5	61	60	59	59	58	58	
		E	1019-2	11706 Corte Sosegada		64	no	-4	66	yes		66	66	66	66	66	66									66	64	62	60	58	56	
		E	1019-3	11705 Corte Templanza		65	no	-4	66	yes		66	66	66	66	66	66									66	65	62	61	59	58	
		E	1019-4	Corte Templanza		63	no	-4	64	no		64	64	64	64	64	64									64	62	60	58	57	56	

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}

1 - Right-of-way soundwall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way

2 - DNQ - Does not qualify for consideration of noise abatement, does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h)

3 - As shown in Figure 19, Receiver 165A would have the benefit of two barriers (Barriers 8-1B and 8-2), although the most effective barrier at this site would be the edge-of-shoulder barrier. Receiver 165A is located in an area of transition from freeway below-grade to freeway above-grade, therefore Barriers 8-1B and 8-2 overlap in this area

4 - No Abatement L_{eq} and future noise levels with abatement for Segment 7 receptors incorporates a berm as a design feature of the project

5 - A 4.88 meter (16 foot) high soundwall constructed at the edge of shoulder (E/S) would provide the minimum 5 decibel insertion loss necessary in order to be considered feasible. Construction of a 4.88 meter high wall at the E/S would require completion of a fact sheet in order to comply with the provisions of Chapter 1100 (see also Section 82.2, "Approvals for Non Standard Design" of the Caltrans Highway Design Manual, 5th edition, July 1, 1995)

TABLE 2-5: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 9, 10

Segment Number: Inter-changes	Noise Barrier ID (if applicable)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions (With K-Factor): No Abatement L_{eq} (dBA)	Future Conditions (With K-Factor): Noise Level Exceeds Cat. B NAC?	Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Right-of-Way[1] Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Property Line Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
9: Rancho Bernardo Rd to Bernardo Center Dr (northern crossing) Duenda Rd.	n/a	W	182	17051 W Bernardo Drive	59	62	no	-3	64	no	3.1	63	62	61	60	59	58	2.0	64	64	64	64	64	63							DNQ[2]
		W	183	17412 Caminito Canasto	61	63	no	0	66	yes	2.9	65	64	63	62	61	61	3.0	66	65	65	65	65	65							
		W	1183	17131 W Bernardo Drive		65	no	0	65	no		65	65	64	64	63	62		65	64	64	63	63	62							
		W	22	17133 W Bernardo Drive	64	64	no	0	65	no	3.2	65	65	65	64	64	63	3.3	65	64	64	63	62	62							
		W	184	17147 Caminito Canasto	62	63	no	0	65	no		65	65	65	65	64	63		64	64	63	62	62	61							
		W	23	17343 Caminito Canasto	63	63	no	0	64	no		64	64	64	64	64	63		64	63	62	62	61	61							
		W	1023	17353 Caminito Canasto		64	no	0	65	no		65	65	65	65	64	64		65	64	63	62	62	61							
		W	185	17373 Jocatal	64	66	yes	0	67	yes	<1.5	67	67	67	66	66	65	<1.5	66	65	64	64	63	62							
		W	24	17443 Caminito Canasto	62	65	no	0	66	yes	2.4	66	66	66	65	65	64	1.9	65	64	64	63	62	62							
		W	1186	17453 Caminito Canasto		63	no	0	65	no		65	65	64	64	64	63		64	63	63	62	61	61							
		W	186	17495 Valladares	61	63	no	0	65	no		65	65	65	65	64	63		64	64	63	62	62	61							
		W	191	17523 Caminito Canasto	59	62	no	-2	64	no	2.7	64	63	63	62	62	61	2.6	63	62	61	61	60	60							
	9-1	E	187	11819 Bernardo Terrace	69	70	yes	0	72	yes	3.7	72	72	72	71	71	70	1.5	71	70	69	67	66	65							12' at R/W
		E	188A	11819 Bernardo Terrace	63	63	no	0	64	no		64	64	64	64	63	63		64	63	62	61	61	60							14' at R/W
		E	20	11816 Bernardo Terrace	68	69	yes	0	71	yes	5.3	71	71	71	71	71	70	<1.5	70	69	68	67	65	64							
		E	189	17426 Ashburton	71	72	yes	3	74	yes	9.1	74	74	74	74	74	74	<1.5	73	71	70	68	67	66							12' at R/W
		E	1189	17438 Ashburton		72	yes	3	73	yes		73	73	73	73	73	74		73	71	69	68	67	66							
		E	21	17466 Ashburton	70	69	yes	0	70	yes		70	70	70	70	70	71		70	67	65	64	63	63							
		E	1021	17466 Ashburton		71	yes	0	73	yes		73	73	73	73	73	73		72	70	68	67	65	64							
		E	190	17426 Ashburton	70	72	yes	0	74	yes	6.9	74	74	74	74	74	73	<1.5	73	69	67	65	64	63							10' at R/W / P/L
		E	1190	17548 Ashburton		70	yes	0	71	yes		71	71	72	71	71	70		71	68	66	65	63	62							
		E	25	17625 Fairlie	67	69	yes	0	71	yes	6.5	71	71	71	71	70	70	<1.5	70	67	65	64	63	62							
10: Bernardo Center Dr (northern crossing) Duenda Rd. to Green Valley Creek Bridge	n/a	W	1192	11616 Duena Rd		66	yes	0	67	yes		67	66	66	66	65	65		66	66	65	65	64	63							Not Feasible
		W	192	11616 Duena Rd	76	75	n/a[3]	0	78	n/a[3]	2.7	77	75	75	73	72	71	4.7	76	74	73	72	70	69							n/a[3]
	10-1	W	1027-1	17616 Valladares		65	no	-2	66	yes		66	65	65	64	63	62		65	64	63	62	61	61							14' at R/W / Terrain Line
		W	27	17616 Valladares	63	65	no	-2	66	yes	<1.5	66	65	64	63	63	62	3.1	65	64	63	62	61	60							
		W	1027-2	17605 Valladares		66	yes	-2	68	yes		67	67	66	65	64	63		67	66	65	64	63	62							
	n/a	W	1193-1	31681 Jocatal		60	no	-1	61	no		61	61	61	60	60	60		61	60	60	60	59	59							DNQ[2]
		W	193	11686 Jocatal	58	60	no	-1	62	no	2.0	62	62	61	61	61	60	3.1	61	61	61	60	60	60							
		W	1193-2	31696 Agreste Pl.		59	no	-1	61	no		61	61	60	60	60	60		60	60	60	60	59	59							
		W	194	17957 Almendro Ln.	57	58	no	0	61	no		61	61	61	61	60	60		61	60	60	60	60	59							
		W	1195-1	18037 Valladares		59	no	0	62	no		62	62	62	61	61	61		61	61	61	60	60	60							
		W	195	18057 Valladares	57	60	no	0	62	no	<1.5	62	62	62	62	62	62	<1.5	62	61	61	61	61	60							
		W	1195-2	18107 Valladares		61	no	0	63	no		63	63	63	63	63	62		63	62	62	62	61	61							
		W	1197	18157 Valladares		60	no	-1	62	no		62	62	62	62	61	61		62	61	61	61	60	60							
		W	197	18177 Valladares	54	61	no	-1	63	no		63	63	63	62	61	61		62	62	61	61	61	60							
		W	30	18198 Valladares	61	64	no	0	65	no	2.5	65	65	64	64	63	62	7.0	65	64	63	62	61	61							
		W	198	11646 Andanza	54	57	no	-6	58	no		58	57	56	56	55	54		57	56	55	55	54	53							
		W	322	Bernardo Street	63	61	no	0	61	no		61	60	60	60	60	60		61	61	61	61	61	61							
	10-2	E	21320	Ashborton		67	yes	0	67	yes		67	67	67	66	65	65									67	66	65	64	63	62	16' at P/L / Top-of-Slope
		E	320	11820 Caminito Ronaldo Bldg. 5	67	69	n/a[3]	0	70	n/a[3]	2.9	70	70	70	69	68	67								<1.5	70	68	66	64	63	62	
		E	1320	Caminito Pinero		68	yes	0	68	yes		68	68	68	68	67	66									68	67	66	64	63	62	
		E	26	17865 Caminito Pinero Bldg. 14	67	69	n/a[3]	-2	70	n/a[3]	7.5	70	70	70	70	70	70								<1.5	70	67	65	62	61	60	
		E	1026-1	17865 Caminito Pinero		65	no	-2	66	yes		66	66	66	66	66	66									66	65	64	63	62	61	
		E	1026-2	17865 Caminito Pinero		~65	no	-2	66	yes		66	66	66	66	66	66									66	65	64	63	62	61	
		E	319	17865 Caminito Pinero Bldg. 24	66	68	n/a[3]	0	70	n/a[3]	6.5	70	70	70	70	70	70								<1.5	70	69	67	65	64	62	14' at P/L / Top-of-Slope
		E	1319	17865 Caminito Pinero		65	no	0	67	yes		67	67	67	67	67	67									67	66	65	65	64	63	
	n/a	E	1029-1	11956 Voisin Court		68	yes	0	69	yes		69	69	69	69	69	69									69	69	69	68	68	67	Not Feasible
		E	1029-2	11954 Corte Tezcuco		68	yes	0	69	yes		69	69	69	69	69	69									69	69	69	69	68	67	
		E	29	S. Curb Cibreteo / Escala	68	69	n/a[3]	0	70	n/a[3]	4.1	70	70	70	70	70	70								1.5	69	68	67	66	65	64	n/a[3]
		E	323	Escala Dr.	62	61	no	0	63	no		63	62	62	62	62	62		63	63	63	63	63	63								DNQ[2]

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}.

1 - Right-of-way sound-wall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way.

2 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

3 - Not Applicable. The site is not representative of a noise-sensitive land use.

TABLE 2-6: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 11, 12

Segment Number: Inter-changes	Noise Barrier ID (if applicable)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions				Future Conditions																								
											With K-Factor																						
												Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA)							Noise Levels with Right-of-Way[1] Soundwall (L_{eq} dBA)							Noise Levels with Property Line Soundwall (L_{eq} dBA)							
					Max Measured L_{eq} (dBA)	Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Noise Level Exceeds Cat. B NAC?	K-Factor (dBA)	No Abatement L_{eq} (dBA)	Noise Level Exceeds Cat. B NAC?	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
11: Green Valley Creek Bridge to Pomerado Rd (northern crossing)	11-3	W	321	18500 W. Bernardo Dr	62	64	no	-1	65	no	3.0	64	64	62	62	61	60	< 3.0	64	63	62	62	61	60	1.9	65	65	65	65	65	65	16' at Top of Existing Berm
		W	324A	18800 Bernardo Ave.	70	65	no	-1	66	yes		65	64	63	62	61	60		65	64	63	62	61	60		66	66	66	66	66	66	
		W	1324	18800 Bernardo Ave.		64	no	-1	65	no		65	64	63	62	61	60		65	64	63	61	61	60		65	65	65	65	65	65	
		W	324	18800 Bernardo Ave.	62	65	no	-1	66	yes	2.8	66	65	64	63	62	61	< 3.0	66	64	63	62	61	60	2.5	66	66	66	66	66	66	
	11-1	W	1031A-1	18655 W. Bernardo Ave.		76	yes	4	77	yes	7.7	77	77	77	77	76	76	3.1	77	77	76	75	74	73	2.0	77	76	74	72	70	69	12' at P/L / Top-of-Slope
		W	1031A-2	18655 W. Bernardo Ave.		74	yes	4	75	yes		75	75	75	75	75	75		75	75	75	74	74	73		74	73	72	71	70	69	14' at P/L / Top-of-Slope
		W	31A	18755 W. Bernardo Ave.	60	74	yes	4	76	yes	14.4	76	76	76	76	76	76	4.3	75	75	75	74	74	73	2.3	75	75	74	73	72	71	16' at P/L / Top-of-Slope
		W	1031A-3	18755 W. Bernardo Ave.		70	yes	4	70	yes		70	70	70	70	70	70		70	70	69	69	68	68		70	69	69	68	67	67	12' at P/L / Top-of-Slope
		W	31B	18755 W. Bernardo Ave.	79	79	n/a[3]	6	78	n/a[3]																						
		W	1031B	18755 W. Bernardo Ave.		73	yes	6	74	yes		74	74	74	74	74	74		74	73	73	72	72	72		72	71	70	69	68	68	
		W	201	18655 W. Bernardo Dr.	77	78	yes	4	79	yes	10.8	79	79	79	79	79	79	5.5	78	78	78	77	76	76	<1.5	78	76	74	71	69	67	10' at P/L / Top-of-Slope
		W	202	18655 W. Bernardo Dr.	62	65	no	0	66	yes		66	66	66	66	66	66		66	66	66	65	65	65		65	64	61	60	58	58	
	n/a	W	203	18655 W. Bernardo Dr	60	61	no	0	63	no		63	63	63	63	63	63		63	63	62	62	62	62		63	62	60	58	57	56	DNQ[2]
	11-2	E	199	18614 Caminito Pasadero	64	65	no	0	67	yes	7.5	67	67	67	67	67	67	6.4	67	67	67	67	67	67	2.2	66	64	63	62	61	60	12' at P/L / Top-of-Slope
		E	1199	18630 Caminito Cantilena		63	no	0	65	no		65	65	65	65	65	65		65	65	65	65	65	65		65	64	63	62	61	61	
		E	200	18656 Caminito Cantilena	67	68	yes	3	70	yes	5.9	70	70	70	70	70	70	6.8	70	70	70	70	70	70	<1.5	70	69	67	66	65	65	14' at P/L
		E	31	8692 Caminito Cantilena	64	66	n/a[3]	-2	68	n/a[3]	5.4	68	68	68	68	68	68	4.8	68	68	68	68	68	68	<1.5	68	67	65	64	62	61	
		E	1031-1	18736 Caminito Cantilena		66	yes	-2	67	yes		67	67	67	67	68	67		67	67	67	67	67	66		67	67	65	63	62	61	
		E	1031-2	18752 Caminito Cantilena		63	no	-2	65	no		65	65	65	65	65	65		65	65	65	64	64	63		65	64	63	61	60	59	
		E	1031-3	18812 Caminito Cantilena		62	no	-2	64	no	5.8	64	64	64	64	63	63	<1.5	63	63	63	62	62	61	<1.5	64	63	62	61	61	60	
		E	325	18826 Caminito Cantilena	63	65	no	0	69	yes	6.4	69	69	69	69	69	69	1.7	66	65	64	63	62	62	1.7	69	68	65	64	62	61	
		E	1325-1	18840 Caminito Cantilena		65	no	0	66	yes		66	66	66	66	66	66		66	66	66	66	65	65		66	66	64	63	62	61	
		E	325A	18840 Caminito Cantilena	65	64	no	0	66	yes	12.6	66	66	66	66	66	66	<1.5	66	66	66	66	66	66	<1.5	66	65	63	62	61	60	
		E	1325-2	Caminito Cantilena		65	no	0	66	yes		66	66	66	66	66	66		66	66	66	66	65	65		66	65	62	60	59	58	12' at P/L
12: Pomerado Rd to Via Rancho Pkwy	n/a	W	328	None (open-space)	57	70	n/a[3]	-1	72	n/a[3]																						n/a[3]
	12-2	W	327	None (open-space)	70	68	yes	0	70	yes	<1.8	67	66	65	64	63	63															16' at E/S[4]
		W	1327-1	None (open-space)		72	yes	0	72	yes	<3.1	71	70	69	68	67	66															
		W	1327-2	None (open-space)		69	yes	0	71	yes	3.1	69	69	68	67	66	65															
		W	1327-3	None (open-space)		67	yes	0	68	yes		67	67	66	65	64	63															
	n/a	W	1204-1	3640 Vista de la Canada		60	no	0	61	no																						DNQ[2]
	12-3	W	204	3630 Vista de la Canada	72	71	yes	0	72	yes															3.1	70	68	67	65	63	61	10' at P/L / Top-of-Slope
	n/a	W	1204-2	3610 Avenida Amarosa		62	no	0	64	no																						DNQ[2]
		W	205	3538 Avenida Amarosa	60	61	no	0	63	no																						
		W	1205	3542 Avenida Amarosa		59	no	0	61	no																						
		W	1206	3530 Avenida Amarosa		63	no	-1	64	no																						
		W	206	3526 Avenida Amarosa	58	60	no	-1	62	no																						
	12-1	E	326	None (open-space)	68	70	yes	0	72	yes		70	69	69	68	68	68															12' at E/S
		E	206B	None (open-space)	64	69	yes	0	70	yes	1.8	68	67	66	65	64	63															
		E	206A	None (open-space)	69	69	yes	0	71	yes	1.8	69	67	66	65	64	64															10' at E/S
		E	206C	None (open-space)		68	yes	0	69	yes	2.4	68	67	66	65	64	63															14' at E/S

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}.

1 - Right-of-way soundwall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way.

2 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

3 - Not Applicable. The site is not representative of a noise-sensitive land use.

4 - A 4.88 meter (16 foot) high soundwall constructed at the edge of shoulder (E/S) would provide the minimum 5 decibel insertion loss necessary in order to be considered feasible. Construction of a 4.88 meter high wall at the E/S would require completion of a fact sheet in order to comply with the provisions of Chapter 1100 (see also Section 82.2, "Approvals for Non Standard Design" of the Caltrans Highway Design Manual, 5th edition., July 1, 1995).

TABLE 2-7: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENTS 13, 14

Segment Number: Inter-changes	Noise Barrier ID (if applic-able)	Free-way Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions (With K-Factor): No Abatement L_{eq} (dBA)	Future Conditions (With K-Factor): Noise Level Exceeds Cat. B NAC?	Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Edge of Shoulder: 1.83 m (6 ft)	Edge of Shoulder: 2.44 m (8 ft)	Edge of Shoulder: 3.05 m (10 ft)	Edge of Shoulder: 3.66 m (12 ft)	Edge of Shoulder: 4.27 m (14 ft)	Edge of Shoulder: 4.88 m (16 ft)	Noise Levels with Right-of-Way[1] Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Right-of-Way: 1.83 m (6 ft)	Right-of-Way: 2.44 m (8 ft)	Right-of-Way: 3.05 m (10 ft)	Right-of-Way: 3.66 m (12 ft)	Right-of-Way: 4.27 m (14 ft)	Right-of-Way: 4.88 m (16 ft)	Noise Levels with Property Line Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	Property Line: 1.83 m (6 ft)	Property Line: 2.44 m (8 ft)	Property Line: 3.05 m (10 ft)	Property Line: 3.66 m (12 ft)	Property Line: 4.27 m (14 ft)	Property Line: 4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
13: Del Lago Blvd to Centre City Pkwy		W	329	3278 Via Ribera	57	61	no	-3	61	no																					
		W	330	3248 Via Ribera	62	63	no	-2	64	no																					DNQ [2]
		W	331	3218 Via Ribera	60	58	no	0	59	no																					
		W	3333	3218 Via Ribera		65	no	0	66	yes														<1.5	66	66	65	63	62	62	
	n/a	W	333	106 Camino Bailen	63	65	n/a[3]	0	67	n/a[3]														<1.5	67	66	64	62	61	60	Not Feasible
		W	332	140 Camino Bailen	47	50	no	-9	51	no																					
		W	207	232 Silver Creek	50	54	no	0	55	no																					DNQ [2]
		W	209	226 Clarence	61	65	no	-1	66	yes									66	65	65	65	64	64							
		W	1209	226 Clarence		66	yes	-1	67	yes									67	67	66	66	65	65							Not Feasible
	13-2	W	210	3018 South Center City Pkwy.	77	78	yes	0	79	yes									79	78	76	76	75	74							16' at R/W / Top of Slope
	13-1	E	334	3165 El Ku Ave.	66	64	no	0	65	no		63	63	62	61	61	60														DNQ [2]
		E	3208	3127 El Ku Ave.		63	no	0	66	yes	<1.5	65	64	63	62	61	61														
		E	208	3137 El Ku Ave.	61	62	no	0	65	no		64	63	62	62	61	61														16' at E/S [4]
	n/a	E	32	3115 El Ku Ave.	61	62	no	-2	64	no		63	62	61	60	59	58														
		E	1032	3105 El Ku Ave.		62	no	-2	64	no		62	61	60	60	59	58														
		E	1335-1	3039 El Ku Ave.		63	no	-2	63	no		62	61	60	60	59	58														DNQ [2]
		E	335	3014 El Ku Ave.	66	63	no	-2	64	no		63	62	61	60	59	58														
		E	1335-2	3014 El Ku Ave.		62	no	-2	63	no		62	61	60	59	58	57														
14: Centre City Pkwy to Felicita Ave	14-5	W	211	302 Woodland Hills Dr.	66	67	yes	0	68	yes														<1.5	67	65	62	60	59	57	10' at P/L
	14-7	W	1211	2456 Alexander Dr.		71	yes	0	71	yes														<1.5	70	68	65	63	61	60	10' at P/L
	n/a	W	215	2448 Alexander Dr.	53	63	no	-2	64	no																					DNQ [2]
	14-6	W	1215	2418 Alexander Dr.		67	yes	-2	67	yes														<1.5	67	66	64	63	62	60	14' at P/L
		W	216	2413 Alexander Dr.	53	55	no	-5	56	no																					
		W	1216	2411 Alexander Dr.		58	no	-5	58	no																					DNQ [2]
		W	36A	2407 Alexander Dr.	61	63	no	-3	64	no																					
	n/a	W	217A	Miller Ave.	61	64	no	-1	65	no																					
		W	218A	2315 Miller Ave.	64	67	yes	-2	68	yes									68	67	67	66	66	65							Not Feasible
		W	1218	2315 Miller Ave.		64	no	-2	64	no									64	64	63	62	62	61							
		W	219	2324 Miller Ave.	59	61	no	-2	62	no																					DNQ [2]
		W	224	800 Monticello Drive	55	58	no	-5	59	no																					
	14-1	E	213	2865 South Center City Pkwy.	67	68	yes	0	70	yes	3.0	68	66	65	64	63	62	3.0	70	69	69	69	69	69							
		E	212	2851 South Center City Pkwy.	63	66	yes	-2	68	yes	3.4	66	65	64	63	62	61	3.4	68	67	67	65	64	63							12' at E/S
	14-2	E	1214	2789 South Center City Pkwy.		66	yes	-4	66	yes								2.7	65	65	64	63	62	61							16' at Top of Slope
		E	214	2777 South Center City Pkwy.	55	56	no	-5	58	no																					
	n/a	E	33	491 Lost Oak Lane	55	56	no	-4	58	no																					DNQ [2]
		E	1336	535 Lost Oak Ln.		60	no	0	60	no																					
	14-3	E	336	571 Lost Oak Ln.		68	yes	0	69	yes								<1.5	69	68	66	65	64	63							14' at Top of Slope
	14-3A	E	220	594 Lost Oak Ln.	73	72	yes	0	74	yes															<1.5	73	71	70	69	68	67	12' at Top of Slope / P/L
		E	1221	401 Rancho La Mirada Ln.		66	yes	0	66	yes															<1.5	66	66	65	64	64	63	Not Feasible
	n/a	E	221	2242 Alexander Dr.	60	63	no	0	65	no																					
		E	222	2205 Alexander Dr.	66	63	no	0	65	no								3.0	64	64	64	63	63	63							DNQ [2]
	14-4	E	1222	2183 Alexander Dr.		67	yes	0	68	yes								3.0	67	66	66	65	64	63							
		E	223	2187 Alexander Dr.	72	72	yes	3	75	yes								<1.5	74	73	72	70	69	68							16' at Top of Slope

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}.

1 - Right-of-way soundwall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way.

2 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

3 - Not Applicable. The site is not representative of a noise-sensitive land use.

4 - A 4.88 meter (16 foot) high soundwall constructed at the edge of shoulder (E/S) would provide the minimum 5 decibel insertion loss necessary in order to be considered feasible. Construction of a 4.88 meter high wall at the E/S would require completion of a fact sheet in order to comply with the provisions of Chapter 1100 (see also Section 82.2, "Approvals for Non Standard Design" of the Caltrans Highway Design Manual, 5th edition., July 1, 1995).

TABLE 2-8: SUMMARY OF RESULTS: SOUND32 NOISE MODELING: SEGMENT 15

Segment Number/ Interchange	Noise Barrier ID (if applicable)	Freeway Side (East or West)	Site ID	Site Address	Existing Conditions: Max Measured L_{eq} (dBA)	Existing Conditions: Modeled Existing Peak-Noise Hour L_{eq} (dBA)	Existing Conditions: Noise Level Exceeds Cat. B NAC?	Existing Conditions: K-Factor (dBA)	Future Conditions (With K-Factor): No Abatement L_{eq} (dBA)	Future Conditions (With K-Factor): Noise Level Exceeds Cat. B NAC?	Noise Levels with Edge of Shoulder Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Right-of-Way[1] Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Noise Levels with Property Line Soundwall (L_{eq} dBA): Break-Line-of-Sight Height (meters)	1.83 m (6 ft)	2.44 m (8 ft)	3.05 m (10 ft)	3.66 m (12 ft)	4.27 m (14 ft)	4.88 m (16 ft)	Description of Most Effective Soundwall (Location and Height)
15 Felicita Ave to 9th Ave	15-5	W	1225A-1	964 Gamble Lane		66	yes	-1	68	yes	3.0	67	66	65	64	63	62		68	68	68	68	66	65								16' at E/S[4]
		W	225A	964 Gamble Lane	64	67	yes	-1	70	yes	2.7	68	67	66	65	64	63	2.4	69	69	69	67	65	64								
		W	1225A-2	964 Gamble Lane		67	yes	-1	70	yes	2.7	68	67	66	65	64	63	2.4	70	70	69	68	66	65								
		W	39A	Gamble Lane	57	60	no	-5	62	no		62	62	61	60	59	58		62	62	62	61	60	60								
		W	1039	Gamble Lane		64	no	-4	66	yes	3.0	66	65	64	63	62	61		66	66	66	65	64	64								
		W	39	Gamble Lane	60	62	no	-4	65	no		63	63	62	61	60	59		64	64	64	64	63	63								
		W	226	Gamble Lane	64	69	yes	0	71	yes		71	71	71	71	70	69	<1.5	69	68	67	66	65	64								14' at R/W / Top of Slope
		W	1233	2064 Bernardo Ave.		67	yes	0	70	yes	2.4	70	70	70	69	67	67	<1.5	68	67	66	65	64	63								
		W	231	2064 Bernardo Ave.	64	69	yes	0	71	yes	3.0	71	70	69	69	68	67	1.5	69	69	68	67	66	65								
		W	232	Bernardo Ave.	64	66	yes	-1	68	yes	3.7	68	68	67	66	66	65	2.4	67	67	66	65	64	64								Not Feasible
	n/a	W	337	Bernardo Ave.	67	69	n/a[1]	-1	72	n/a[1]		71	71	70	69	68	67		72	71	70	69	68	67								n/a[1]
		W	338	Bernardo Ave.	69	70	n/a[1]	0	72	n/a[1]		71	71	70	69	68	67		72	72	71	70	69	68								
		W	1338	Bernardo Ave.		71	n/a[1]	0	73	n/a[1]		72	71	70	69	68	67		73	72	71	70	69	68								
	15-8	W	339	Lemon Ave.	70	73	yes	-2	74	yes		73	72	70	68	67	66		74	72	69	67	66	65								14' at R/W / Top of Slope
		W	1339	Bernardo Ave.		69	yes	-2	70	yes		70	70	69	68	67	67		70	69	69	68	67	66								
		W	340	Bernardo Ave.	68	71	yes	0	74	yes									71	69	67	66	64	63								
		W	340A	1476 Knoll Glenn Park	68	70	yes	0	72	yes									70	70	68	67	66	65								
		W	340B	adj. to 1476 Knoll Glenn Park	71	70	yes	0	72	yes									71	70	69	68	67	65								
	n/a	W	1340	1525 Tanglewood		62	no	0	63	no									63	63	62	62	61	60								DNQ[2]
		W	1342-1	Tanglewood		62	no	-2	63	no									62	61	60	60	59	58								
		W	342B	1295 Ridgegrove	62	54	no	-8	55	no									55	55	54	53	53	52								
		W	342A	1303 Bernardo Ave.	61	62	no	-2	65	no									64	63	62	61	60	59								
		W	1342-2	Bernardo Ave.		62	no	-2	63	no									63	62	61	60	59	59								
		W	1343	Bernardo Ave.		64	no	-2	65	no								<1.5	65	64	63	62	61	60								
	15-9	W	343	1225 Bernardo Ave.	60	64	no	-2	66	yes								<1.5	64	64	62	61	60	59								12' at R/W / Top-of-Slope
	n/a	W	236	R/W @ 1464 W. 11th Ave.	74	73	n/a[1]	0	78	n/a[1]																						n/a[3]
		W	1236	1464 W. 11th Ave.		70	yes	0	72	yes									71	70	70	69	69	68								Not Feasible
	15-6A,B	W	237	1564 Tanglewood	71	73	yes	0	74	yes		74	73	72	70	69	68		73	71	69	67	65	64								14' at E/S
		W	1238	Tanglewood		69	yes	0	71	yes	1.8	70	69	67	66	65	64		71	71	71	70	68	67								
		W	238	1561 Tanglewood	63	68	yes	-3	69	yes	1.8	68	67	65	65	62	61		69	68	67	65	64	62								
		W	238A	1561 Tanglewood	61	66	yes	-3	68	yes	4.3	67	66	65	64	62	61		67	67	67	66	65	64								
		W	244	1525 Tanglewood	63	66	yes	-1	68	yes	2.4	67	66	65	64	63	62		68	68	68	67	67	67								
	15-1	E	227	809 Palm Terrace	64	65	yes	-1	70	yes	2.1	68	66	65	64	63	62	2.1	68	66	65	64	63	62								16' at E/S[4]
		E	227A	809 Palm Terrace	61	68	yes	0	70	yes	2.1	69	69	68	67	66	55	2.1	69	69	68	67	65	64								
		E	1227-1	9946 Kika Street		67	yes	-1	69	yes	2.4	68	68	67	66	65	54	2.4	68	67	67	66	65	63								
		E	228	825 Palm Terrace	63	67	yes	0	69	yes	<1.5	66	65	64	64	63	53	<1.5	67	66	65	64	63	63								
		E	1228-1	2130 Felicita Rd.		69	yes	0	71	yes	1.8	69	68	66	66	65	64	1.8	69	68	66	65	64	64								
		E	1228-2	2111 Felicita Rd.		69	yes	0	69	yes	<1.5	67	67	66	66	65	54	<1.5	68	67	66	65	64	63								
	n/a	E	229	2000 Felicita Rd.	62	65	no	-1	66	yes									66	66	65	64	63	62		66	66	65	64	63	62	Not Feasible
		E	38	2025 Felicita Ave.	62	66	yes	0	67	yes									67	67	67	66	66	65								
		E	1038	Felicita		70	yes	0	72	yes									72	72	72	71	71	70								
	15-2	E	230	2035 Felicita Rd.	72	74	yes	0	79	yes								3.0	77	77	76	75	74	73								14' at Top of Slope / R/W
		E	1230	Rohn Read		69	yes	0	72	yes									71	71	70	70	69	68								
		E	1233	1996 Rohn Read		67	yes	0	70	yes								4.0	69	69	68	67	66	65								16' at Top of Slope
		E	233A	1994 Bernardo Ave.	71	71	yes	0	74	yes								1.8	74	72	71	70	69	68								
		E	234	1992 Bernardo Ave.	69	69	yes	0	71	yes								4.0	71	70	70	69	68	67								
		E	37	1971 Bernardo Ave.	60	68	yes	-1	71	yes								4.0	71	70	69	69	68	67								
		E	235	1975 Bernardo Ave.	73	73	yes	0	76	yes								4.3	75	73	72	71	70	69								
		E	1235	1971 Bernardo Ave.		72	yes	0	74	yes								4.3	73	73	72	71	70	69								
		E	341	1967 Bernardo Ave.	61	79	yes	3	81	yes								3.7	80	79	77	76	75	73								
		E	1341	1967 Bernardo Ave.		75	yes	3	77	yes								6.1	77	76	76	75	74	74								
	15-3	E	1041-2	1931 Morton Glen		64	no	0	67	yes									67	68	68	67	67	67	1.5	67	65	63	61	60	59	12' at P/L
		E	1041-1	1927 Morton Glen		68	yes	0	70	yes									70	70	70	70	70	70	1.5	70	68	65	64	62	61	10' at P/L
		E	41A	1923 Morton Glen	69	68	yes	0	70	yes									70	70	70	70	70	70	1.5	70	66	64	62	60	59	
	n/a	E	5016	1240 Pinecrest Dr.		66	n/a[1]	0	67	n/a[1]															1.5	66	65	64	62	61	61	n/a[3]
		E	5008	11th Ave		67	yes	0	68	yes															1.5	67	67	67	66	65	65	Not Feasible
		E	1042-2	11th Ave		69	yes	0	70	yes									69	69	69	68	67	66								
	15-4	E	1042-1	11th Ave		69	yes	0	70	yes								<1.5	70	69	66	65	64	63								12' at R/W
		E	42	1325 11th Ave.	75	77	n/a[1]	0	78	n/a[1]								<1.5	72	69	66	64	62	61								6' at R/W
		E	1042-3	1430 W. 11th Ave		69	yes	0	70	yes								<1.5	70	69	68	66	65	64								14' at R/W

NOTES:

Noise levels shown in bold text indicate that a 5-decibel noise reduction is achieved, compared with the No-Abatement L_{eq}

1 - Right-of-way soundwall location, or (for those cases in which a barrier located at the right-of-way would be ineffective because of site geometry) an intermediate location such as atop an existing berm within Caltrans right-of-way.

2 - DNQ - Does not qualify for consideration of noise abatement; does not approach or exceed the NAC for Category B land uses of 67 dBA L_{eq} (h).

3 - Not Applicable. The site is not representative of a noise-sensitive land use.

4 - A 4.88 meter (16 foot) high soundwall constructed at the edge of shoulder (E/S) would provide the minimum 5 decibel insertion loss necessary in order to be considered feasible. Construction of a 4.88 meter high wall at the E/S would require completion of a fact sheet in order to comply with the provisions of Chapter 1100 (see also Section 82.2, "Approvals for Non Standard Design" of the Caltrans Highway Design Manual, 5th edition., July 1, 1995).