APPENDIX B

Noise Levels at Sensitive Receptors in the Project Corridor

Table B-1
Noise Levels at Sensitive Receptors in the Project Corridor

Receptor	Existing Noise Level (2000) dB(A)	Predicted Noise Level Year 2020 (No-Action) dB(A)	Predicted Noise Level Year 2020 (No Barrier) dB(A)	Noise Level Increase Over Existing dB(A)	Predicted Noise Level Year 2020 (With Barrier) dB(A)	Noise Reduction with Barrier dB(A)	Noise Barrier[t]
Southern Section							
1	**68**	**71**	**71**	3	63	8	E
2	**68**	**70**	**71**	3	**66**	5	E
3	**68**	57	57	-11	57	0	E
*4**	**68**	60	61	-7	60	1	E
5	65	62	63	-2	63	0	NONE
6	65	56	58	-7	58	0	NONE
7	52	34	58	6	58	0	F
8	52	47	**71**	19	**63**	8	F
9	64	46	58	-6	58	0	NONE
*10**	62	64	**67**	5	65	2	G
11	**68**	**71**	**71**	3	64	7	E
12	**68**	56	56	-12	56	0	E
13	65	59	59	-6	59	0	NONE
14	65	54	64	-1	64	0	NONE
15	65	63	63	-2	63	0	NONE
16	65	57	58	-7	58	0	NONE
17*	65	63	64	-1	64	0	NONE
18	52	35	56	4	56	0	F
19*	52	48	57	5	57	0	F
20	62	54	58	-4	58	0	G
21	62	60	64	2	64	0	G
22	62	56	58	-4	58	0	G
23	**71**	**67**	**67**	-4	**66**	1	E
24	**68**	59	63	-5	62	1	E
25	**68**	65	**66**	-2	59	7	E
26	**68**	60	60	-8	60	0	E
27*	64	60	65	1	65	0	NONE
Middle Section							
28	**74**	63	64	-10	64	0	NONE
29	49	46	59	10	56	3	D
*30**	49	46	**72**	23	63	9	D
31	62	48	53	-9	53	0	NONE
*32**	62	**75**	**75**	13	**75**	0	NONE[tt]
33	62	49	53	-9	53	0	NONE
34	**74**	51	57	-17	57	0	NONE
35	**74**	58	63	-11	63	0	NONE
36	**74**	61	63	-11	63	0	NONE
37	**74**	59	60	-14	60	0	NONE

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Noise Levels at Sensitive Receptors in the Project Corridor

Receptor	Existing Noise Level (2000) dB(A)	Predicted Noise Level Year 2020 (No-Action) dB(A)	Predicted Noise Level Year 2020 (No Barrier) dB(A)	Noise Level Increase Over Existing dB(A)	Proposed Noise Level Year 2020 (With Barrier) dB(A)	Noise Reduction with Barrier dB(A)	Noise Barrier[t]
Middle Section Cont.							
38*	**74**	60	64	-10	64	0	NONE
39	49	39	55	6	55	0	D
40	49	38	57	8	53	4	D
41	49	38	57	8	52	5	D
42	49	39	58	9	58	0	D
43	58	47	53	-5	53	0	NONE
44	62	**68**	**69**	7	**69**	0	NONE[tt]
45	62	61	64	2	64	0	NONE
46	62	64	64	2	64	0	NONE
47	62	**67**	**67**	5	**67**	0	NONE[tt]
48	62	53	60	-2	60	0	NONE
49	62	49	56	-6	56	0	NONE
Northern Section							
*50**	62	59	**67**	5	65	2	A
51	62	43	**74**	12	64	10	A
*52**	58	54	58	0	58	0	NONE
53	58	60	61	3	61	0	NONE
54	**73**	47	**69**	-4	61	8	B
*55**	**73**	61	**66**	-7	**66**	0	B
56	45	39	61	16	61	0	NONE[ttt]
*57**	45	36	65	20	65	0	NONE[ttt]
58	45	39	62	17	62	0	NONE[ttt]
*59**	64	**70**	**70**	6	65	5	C
60	64	**72**	**72**	8	63	9	C
61	62	59	63	1	61	2	A
62	62	50	60	2	56	4	A
63	62	49	65	3	61	4	A
64	62	45	**69**	7	64	5	A
65	62	37	55	-7	51	4	A
66	62	52	**72**	10	62	10	A
67	58	52	65	7	65	0	NONE
68	58	43	60	2	60	0	NONE
69	64	**74**	**77**	13	**66**	11	C
70	58	42	63	5	62	1	NONE

Notes**:**
* Receptors that were measured in the field
Italic values represent Receptors identified in original noise analysis performed in 1996
(All other Receptors identified in noise analysis performed in 2000)

Bolded values represent noise levels that exceed the impact criterion level of 66 dB(A).

Underlined values represent noise levels that exceed an increase of greater than 14 dB(A) over existing noise level.
t Receptor Group Barrier labels correspond to ~~Exhibit 4-~~14 Draft SEIS, Exhibit 4-6
tt A continuous wall ~~could not be provided at these locations~~ at this location is not warranted.
ttt Receptors 56, 57 and 58 were modeled for informational purposes only, these are not sensitive receptors.
Existing noise levels were determined using representative receptors:

4 – 1,2,3,11,12,23,24,25,26 ; **17** – 5,6,13,14,15,16 ; **19** – 7,8,18

27 – 9 ; **30** – 29,39,40,41,42 ; **52** – 53,67,68,70

32 – 31,33,43,44,45,46,47,48,49; **50 –** 51,61,62,63,64,65,66

38 – 28,34,35,36,37 ; **55** – 54

57 – 56,58 ; **59** – 60,69

10 – 20,21,22