

Appendix B

Vibration Measurement Site Photographs



EXHIBIT B-1
Site V-1, 32nd Avenue South and South Day Street, Seattle



EXHIBIT B-2
Site V-2, South Bellevue Park-and-Ride, Bellevue



EXHIBIT B-3
Site V-3, King County District Court Parking Lot, Bellevue



EXHIBIT B-4
Site V-4, NE 12th Street Bore Hole, Bellevue



EXHIBIT B-5
Site V-5, Overlake Hospital, Bellevue



EXHIBIT B-6
Site V-6, King County Park, Bellevue



EXHIBIT B-7

Site V-7, 154th Avenue NE and NE54th Street, Redmond



EXHIBIT B-8

Site V-8, Redmond Town Center, Redmond

Appendix C

Noise Measurement Data

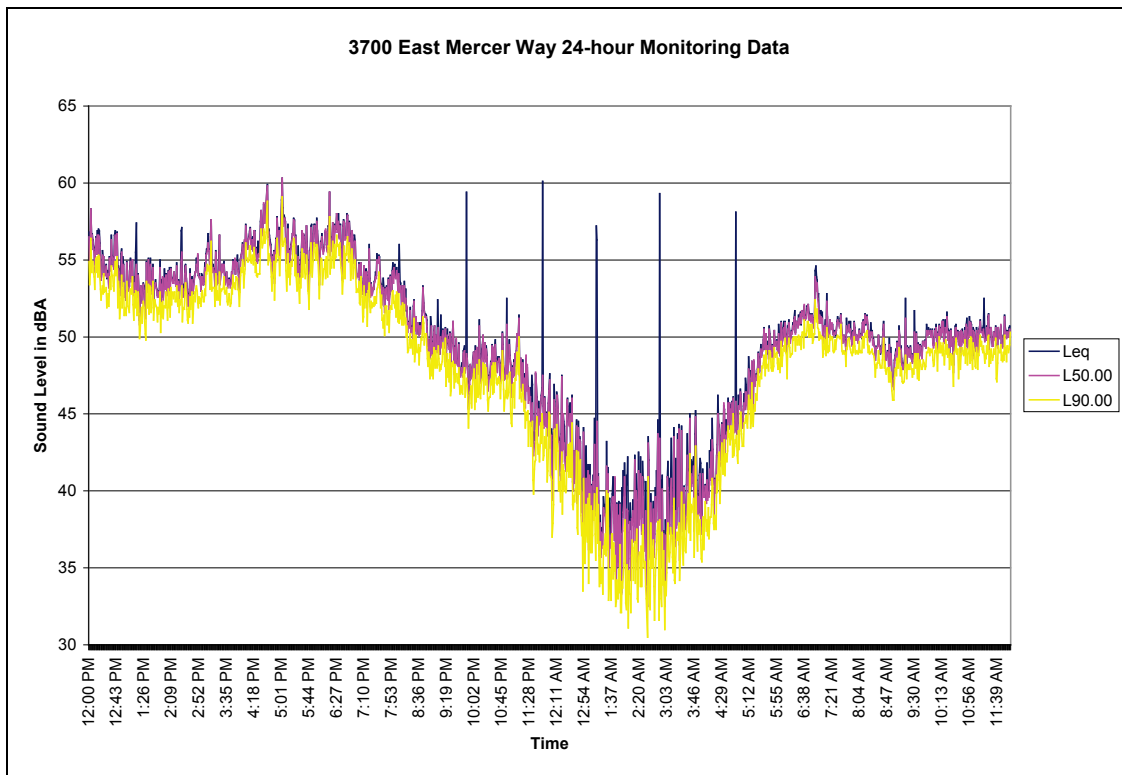


EXHIBIT C-1
Noise Survey Results, Site MA-5

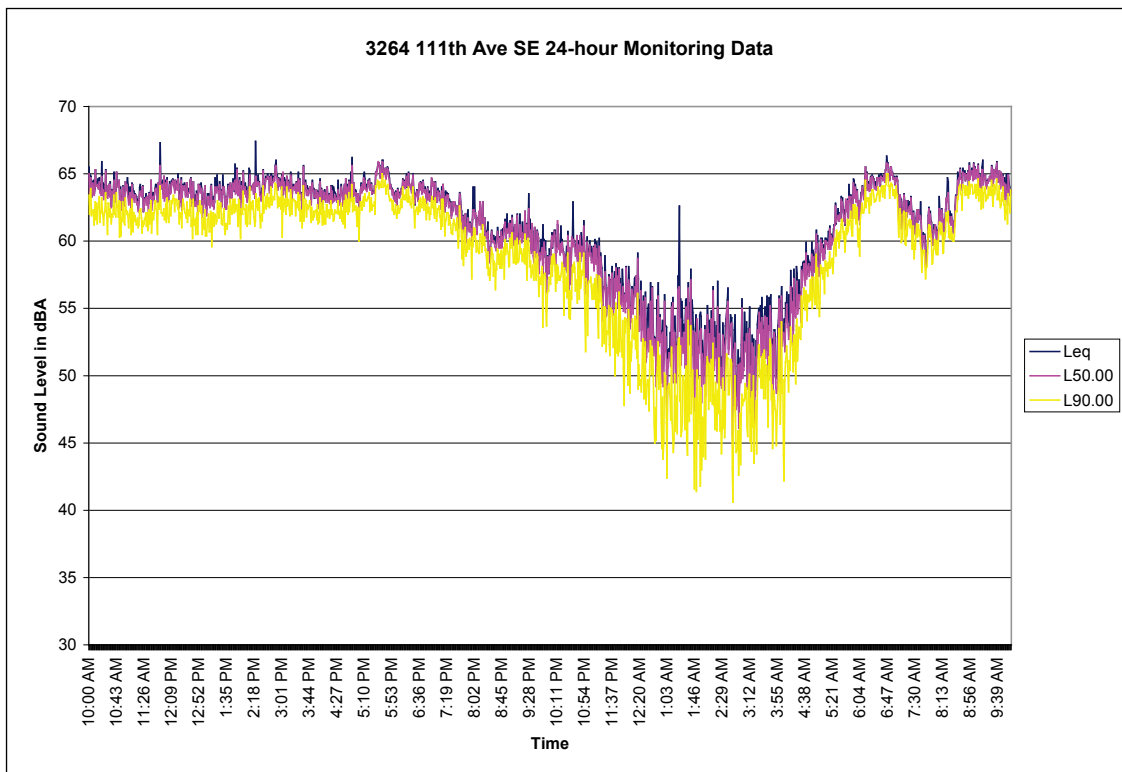


EXHIBIT C-2
Noise Survey Results, Site MB-4

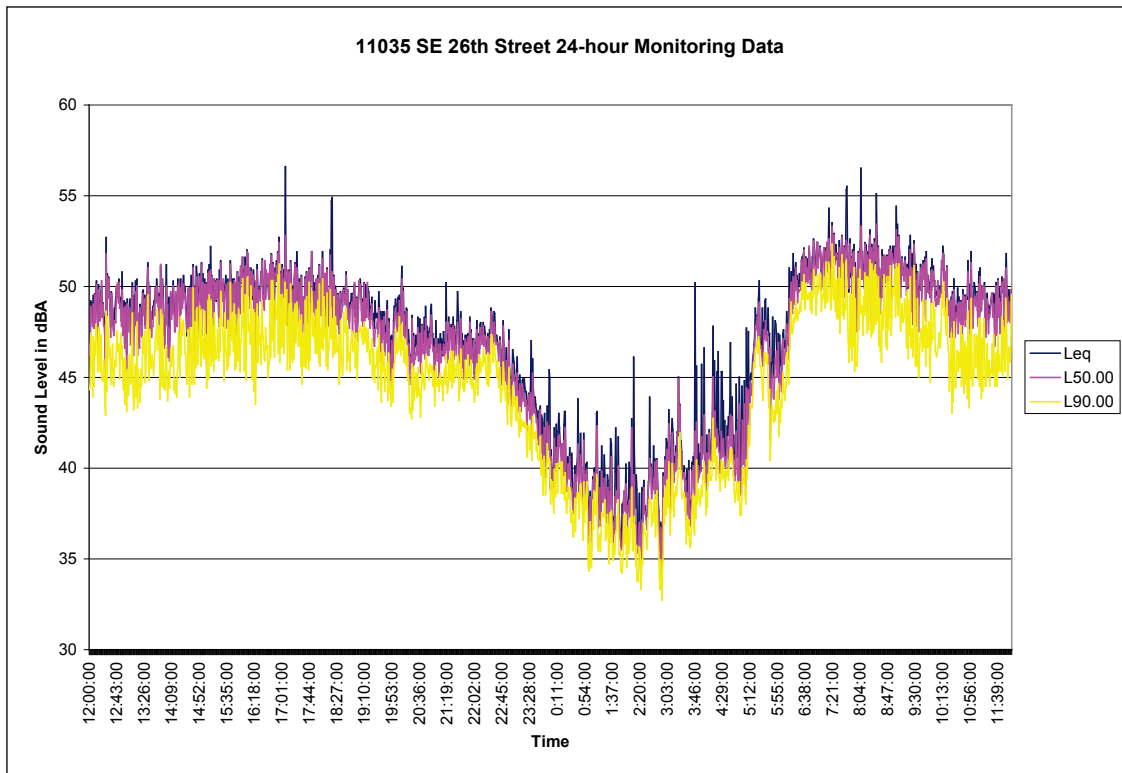


EXHIBIT C-3
Noise Survey Results, Site MB-7

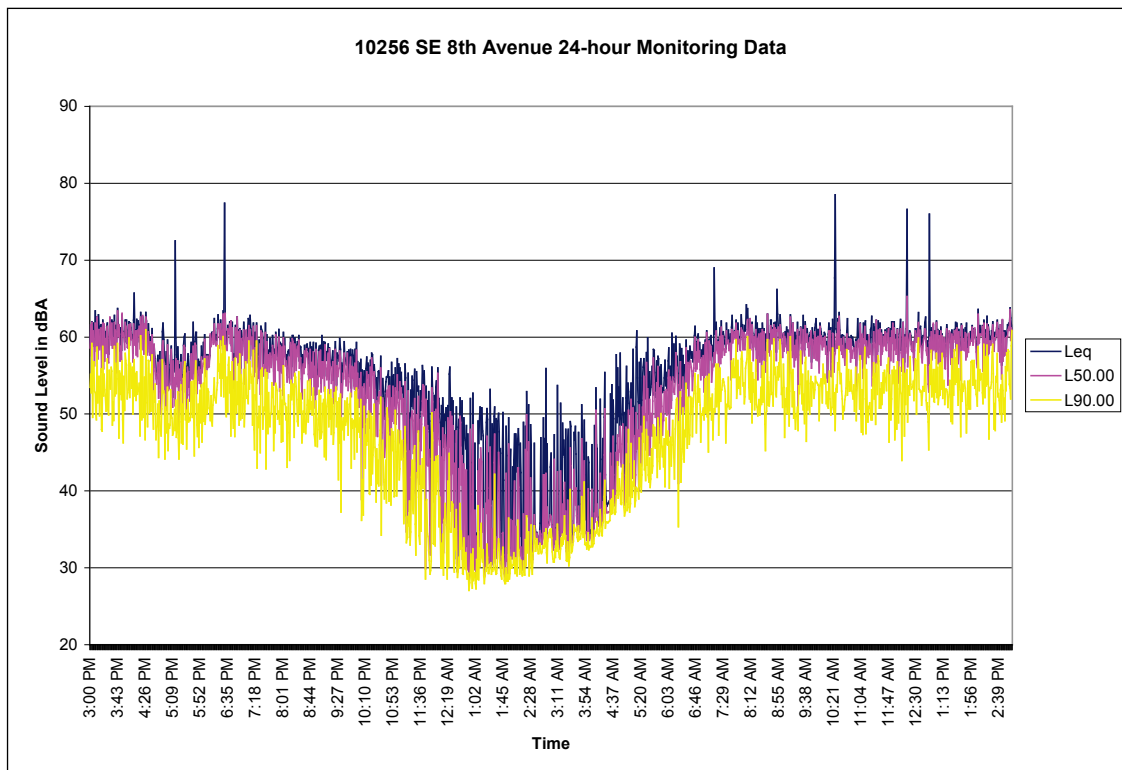


EXHIBIT C-4
Noise Survey Results, Site MB-13

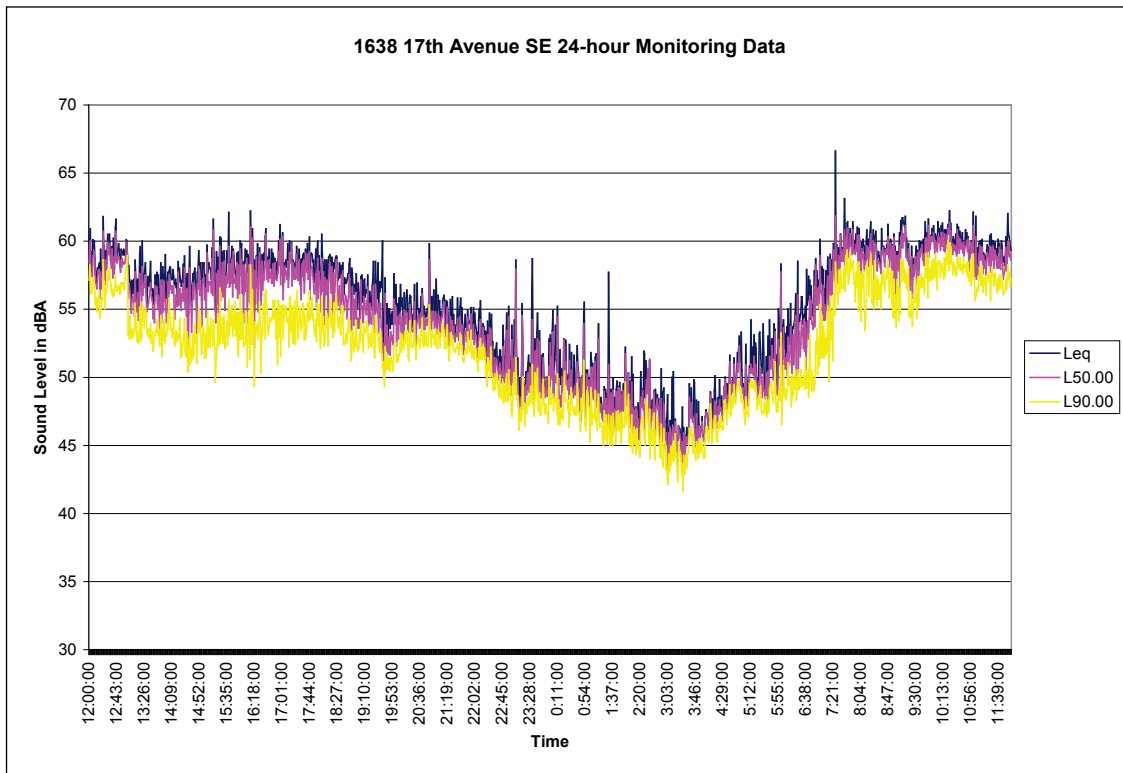


EXHIBIT C-5
Noise Survey Results, Site MB-14

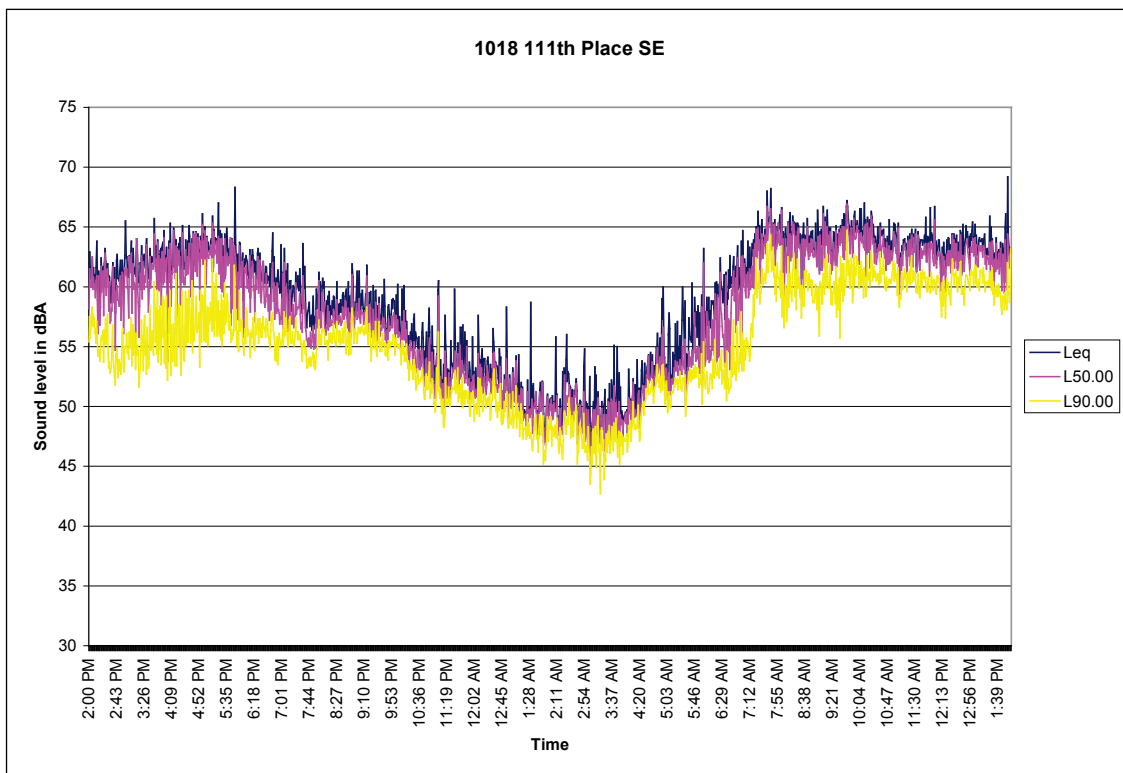


EXHIBIT C-6
Noise Survey Results, Site MB-16

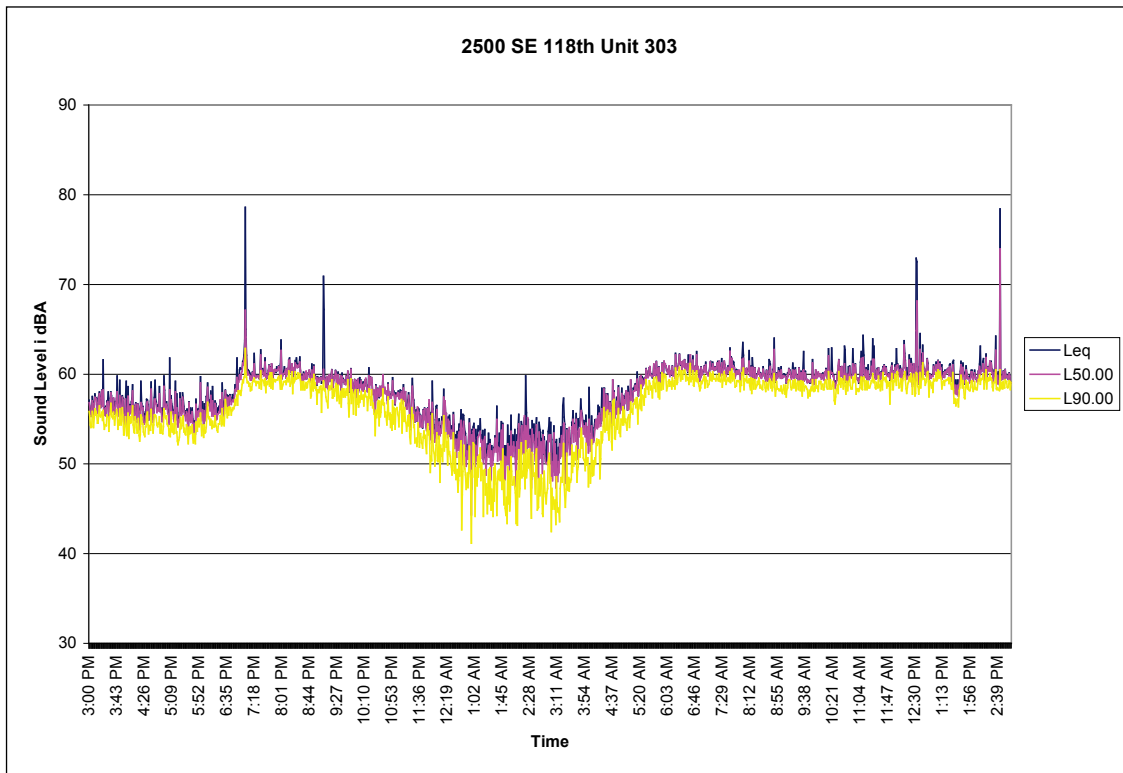


EXHIBIT C-7
Noise Survey Results, Site MB-18

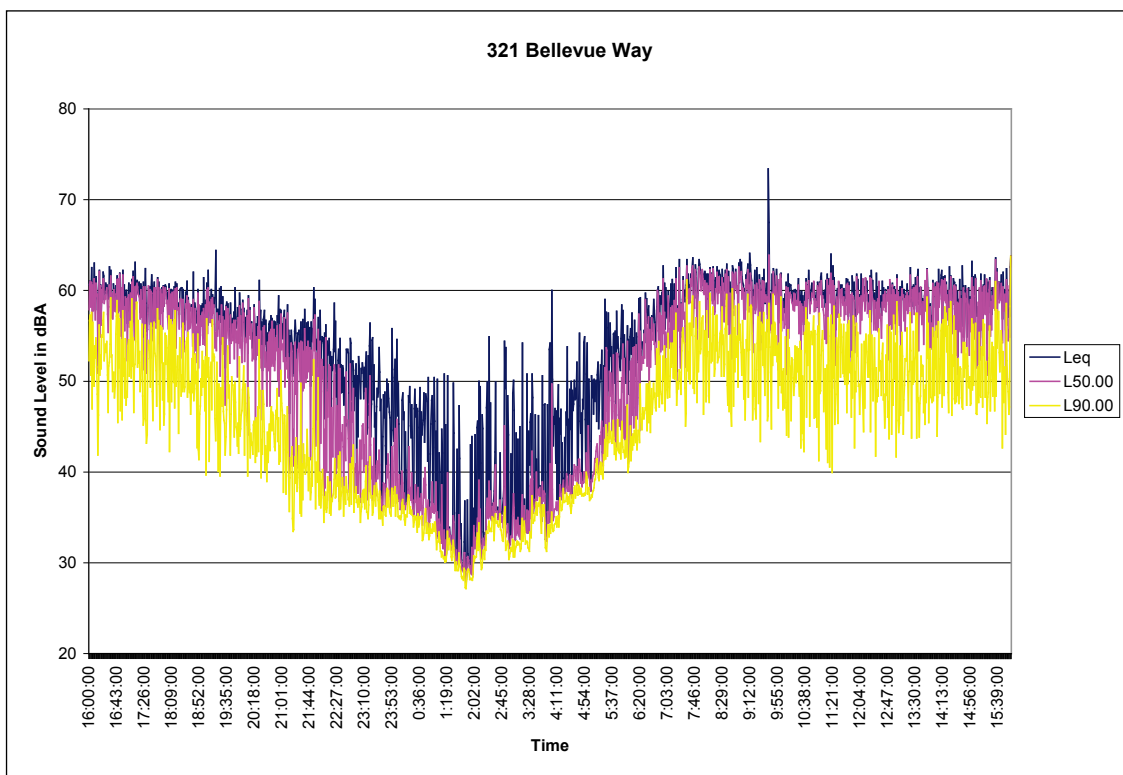


EXHIBIT C-8
Noise Survey Results, Site MC-2

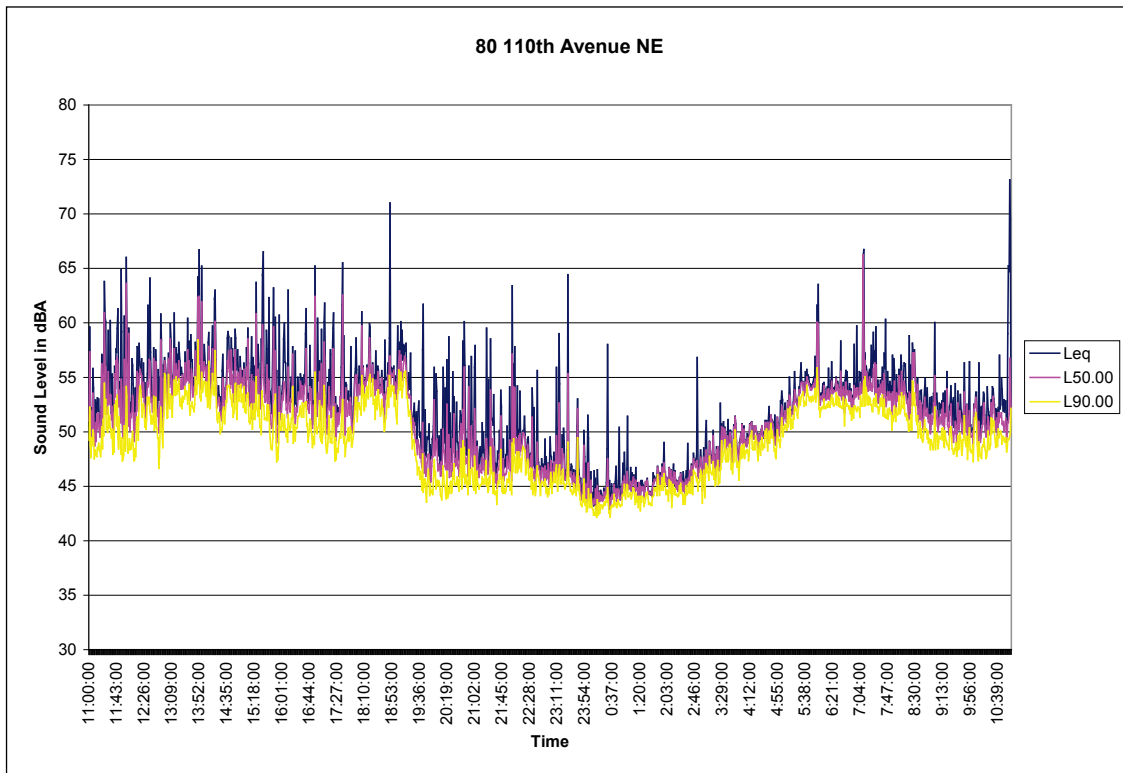


EXHIBIT C-9
Noise Survey Results, Site MC-6

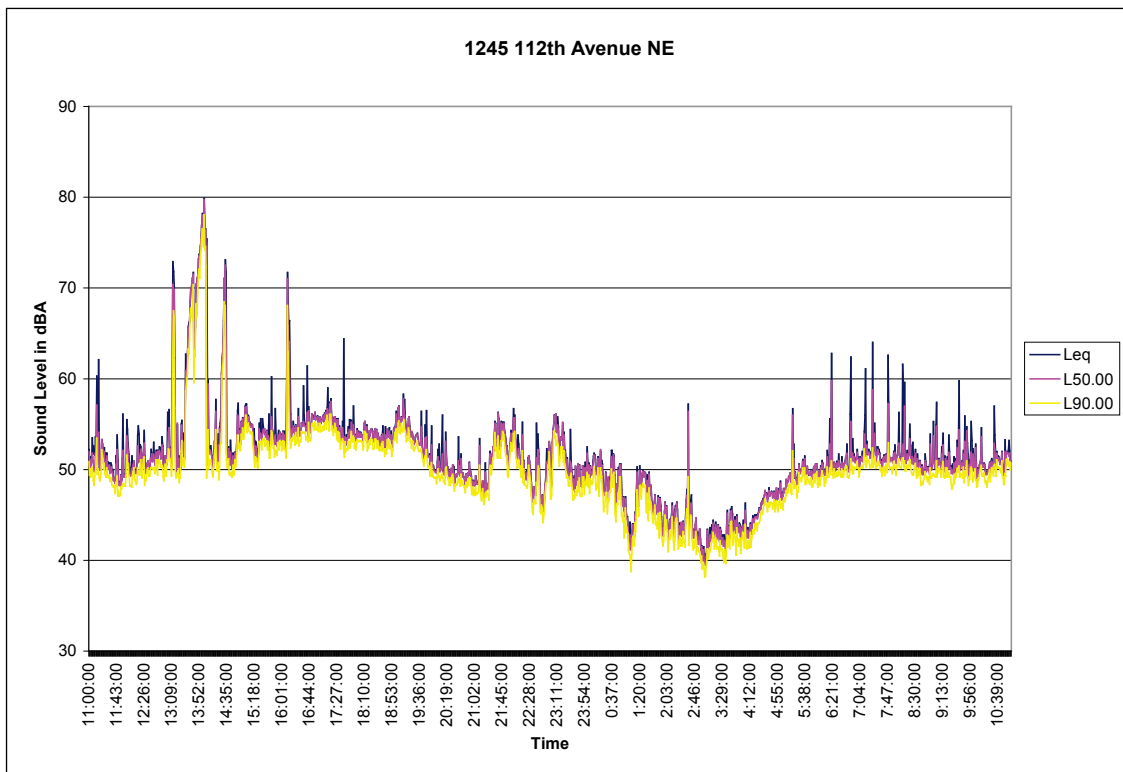


EXHIBIT C-10
Noise Survey Results, Site MC-13

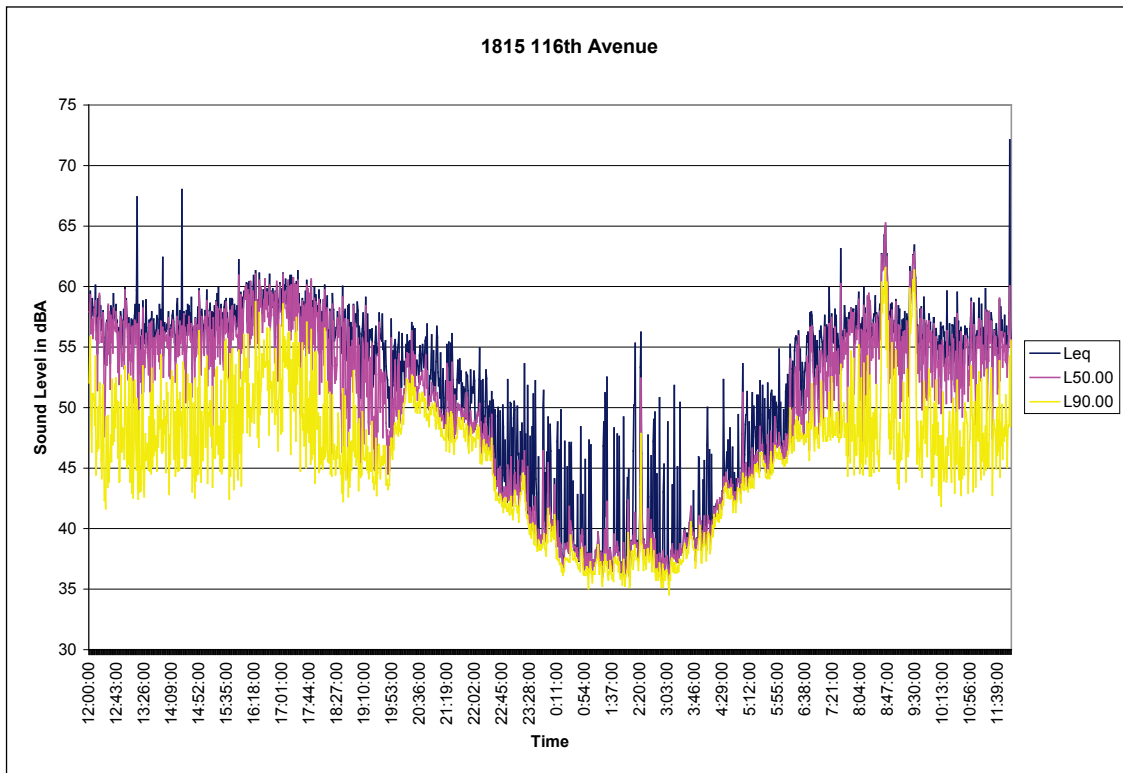


EXHIBIT C-11
Noise Survey Results, Site MD-1

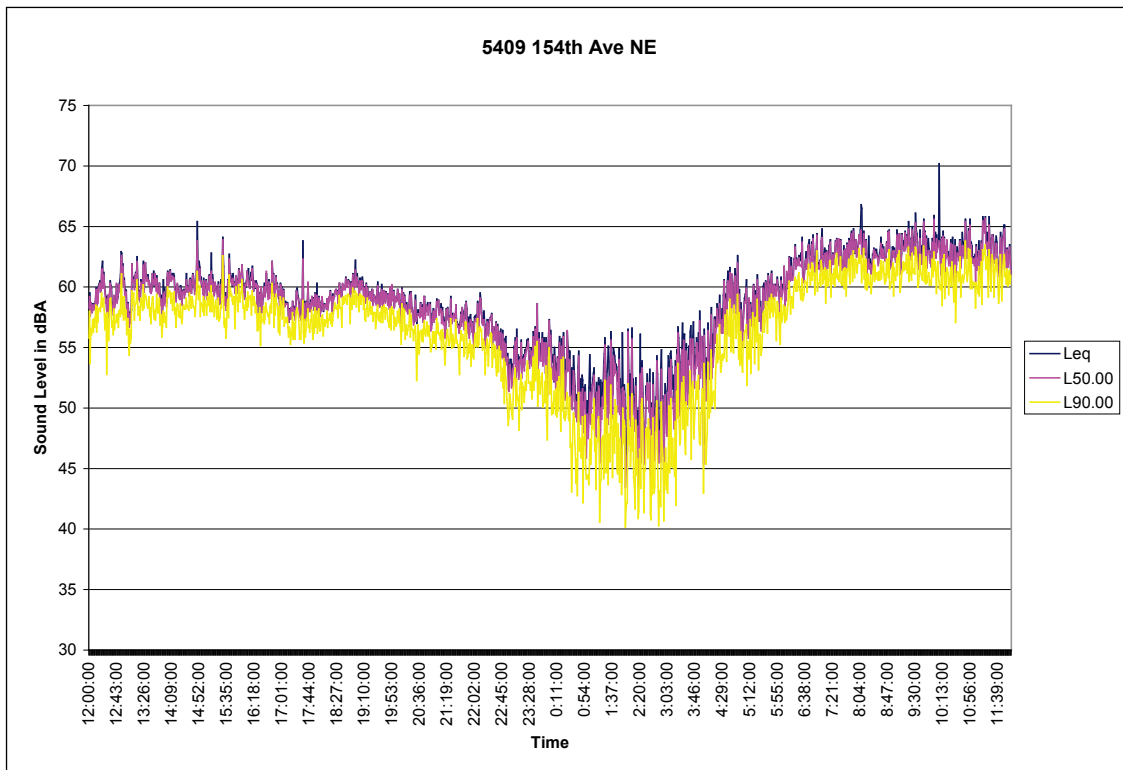


EXHIBIT C-12
Noise Survey Results, Site ME-1

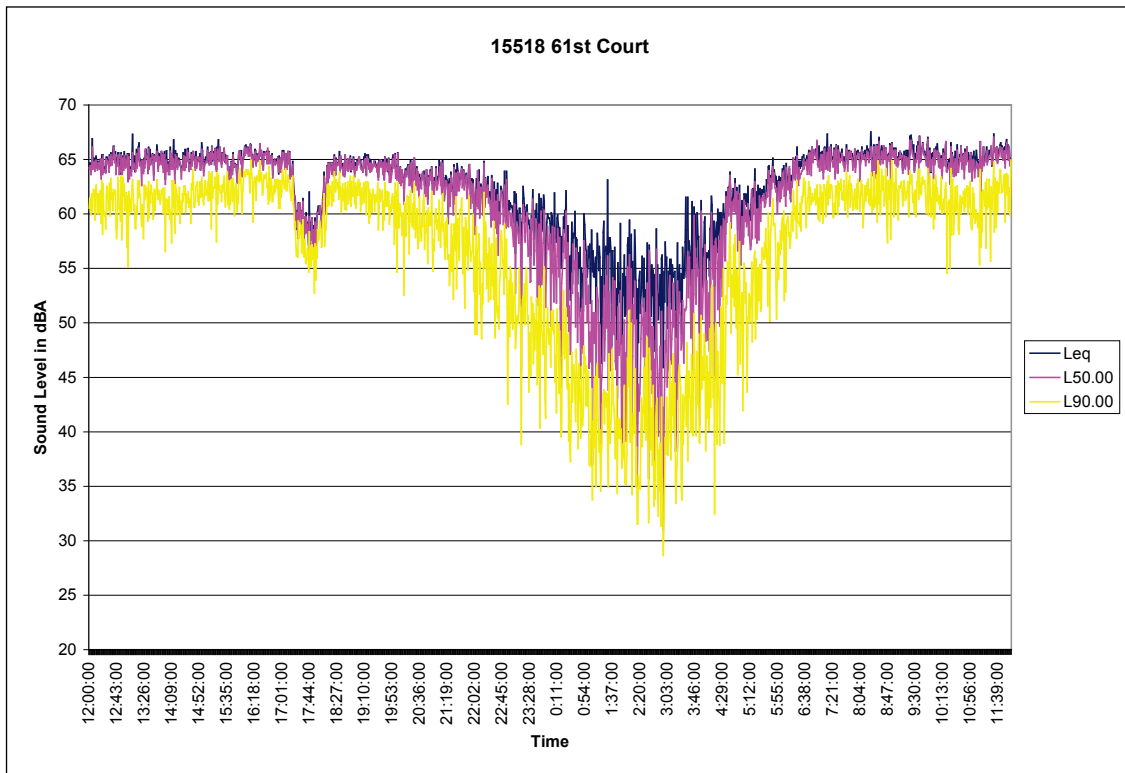


EXHIBIT C-13
Noise Survey Results, Site ME-2

Appendix D

Vibration Propagation Data

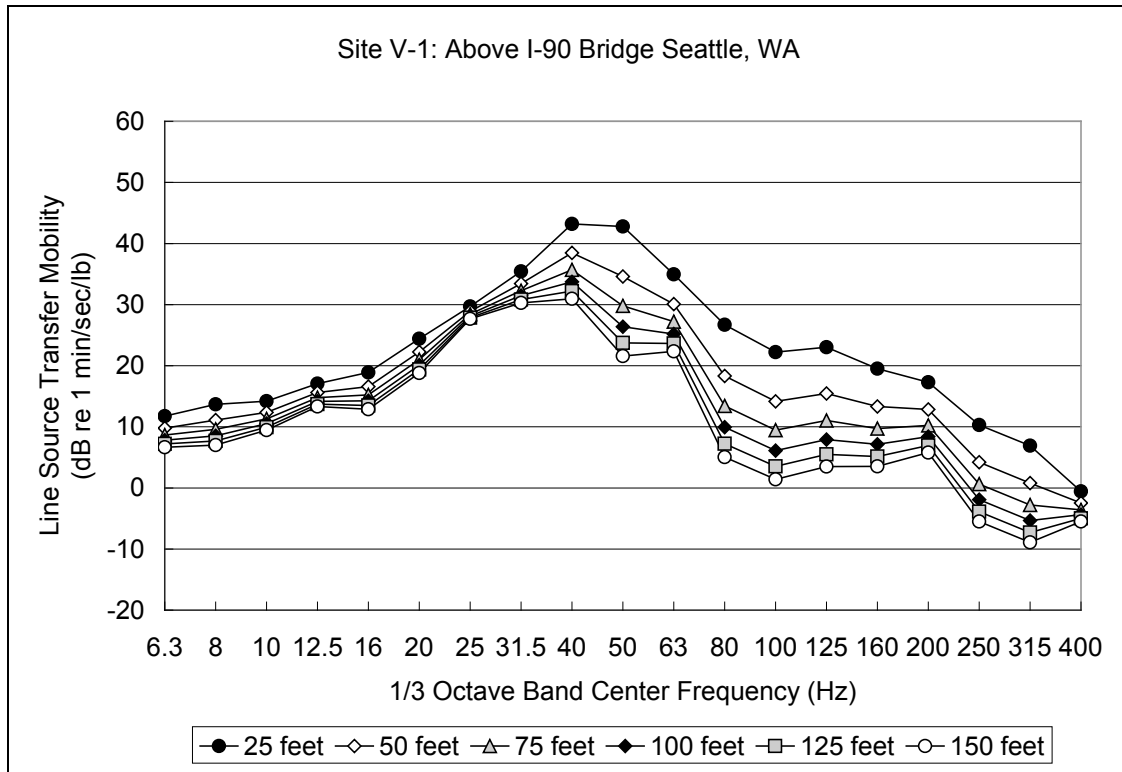


EXHIBIT D-1.
Representative Transfer Mobility Functions, Site V-1

TABLE D-1
Line Source Transfer Mobility Coefficients, Site V-1

Frequency (Hz)	A	B	C
6.3	20.90	-6.54	0.00
8	25.70	-8.59	0.00
10	22.71	-6.09	0.00
12.5	23.84	-4.83	0.00
16	29.75	-7.75	0.00
20	34.46	-7.19	0.00
25	33.31	-2.59	0.00
31.5	44.65	-6.59	0.00
40	65.18	-15.72	0.00
50	80.85	-27.23	0.00
63	57.65	-16.22	0.00
80	65.58	-27.82	0.00
100	59.63	-26.75	0.00
125	58.09	-25.09	0.00
160	48.20	-20.53	0.00
200	37.98	-14.79	0.00
250	38.69	-20.30	0.00
315	35.41	-20.37	0.00
400	8.33	-6.35	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

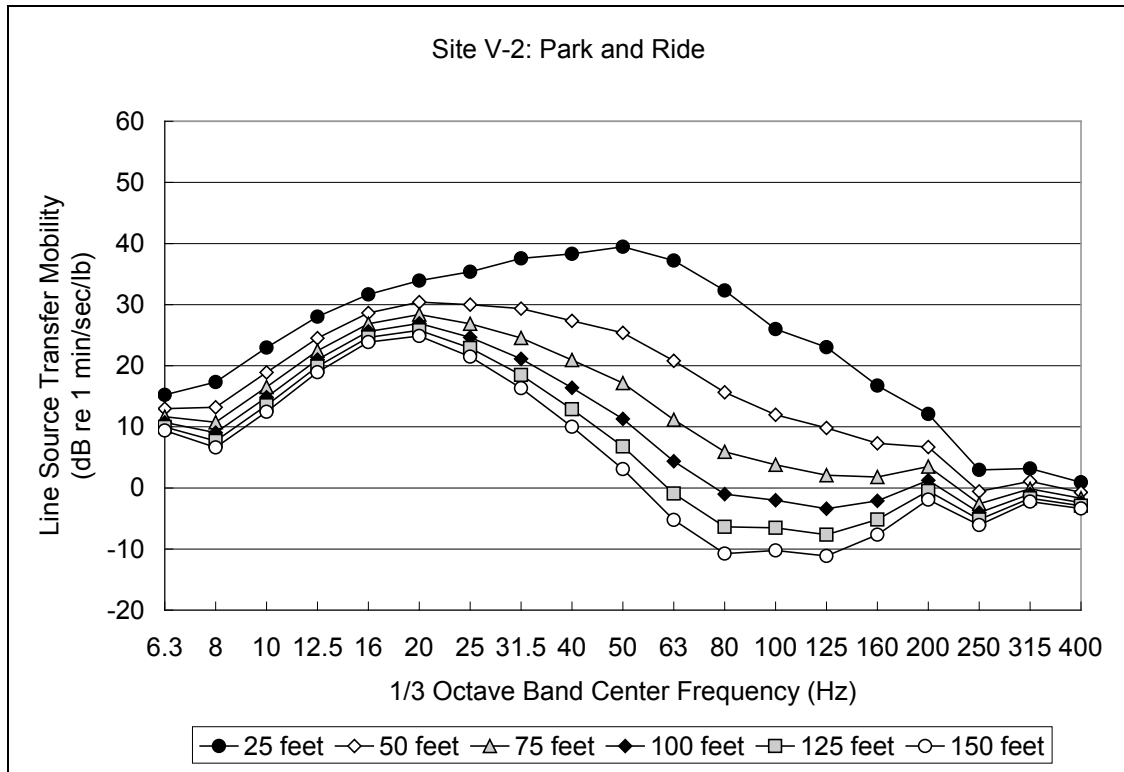


EXHIBIT D-2.
Representative Transfer Mobility Functions, Site V-2

TABLE D-2
Line Source Transfer Mobility Coefficients, Site V-2

Frequency (Hz)	A	B	C
6.3	25.72	-7.50	0.00
8	36.60	-13.78	0.00
10	41.86	-13.51	0.00
12.5	44.36	-11.68	0.00
16	45.70	-10.04	0.00
20	50.22	-11.65	0.00
25	60.29	-17.83	0.00
31.5	75.75	-27.32	0.00
40	89.18	-36.39	0.00
50	104.88	-46.78	0.00
63	113.52	-54.58	0.00
80	109.72	-55.36	0.00
100	91.03	-46.53	0.00
125	84.38	-43.89	0.00
160	60.52	-31.32	0.00
200	37.29	-18.02	0.00
250	19.18	-11.61	0.00
315	12.88	-6.95	0.00
400	8.64	-5.51	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

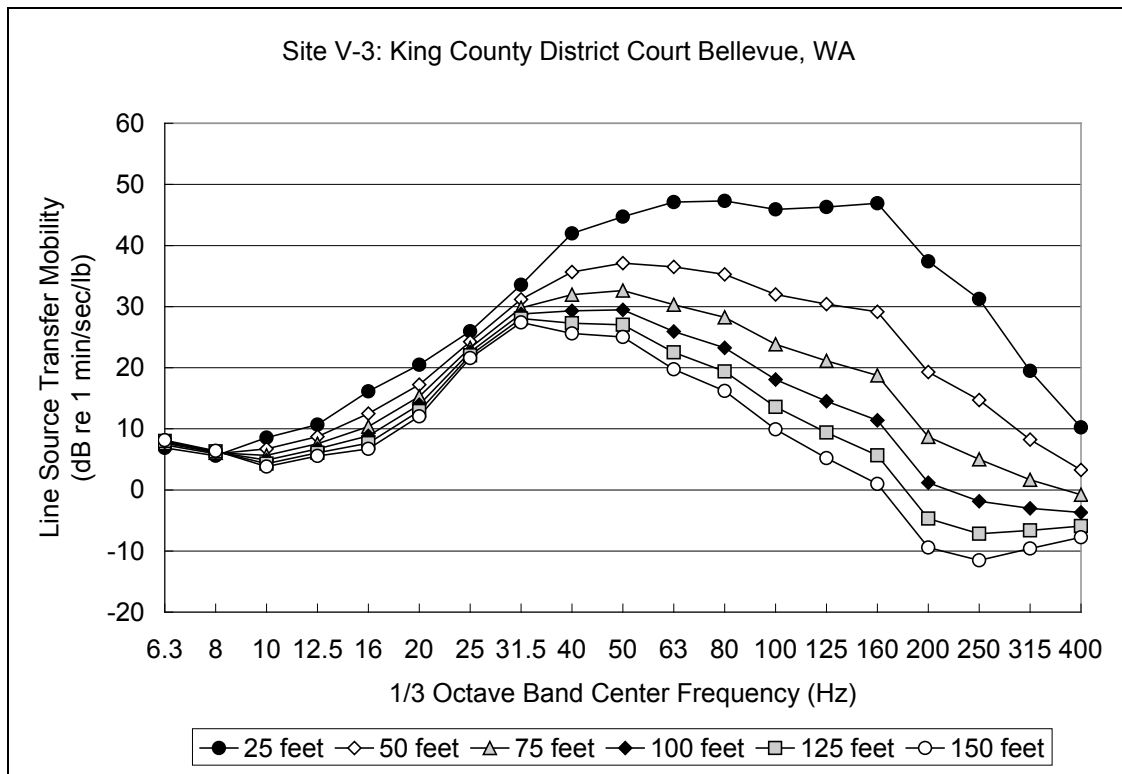


EXHIBIT D-3.
Representative Transfer Mobility Functions, Site V-3

TABLE D-3
Line Source Transfer Mobility Coefficients, Site V-3

Frequency (Hz)	A	B	C
6.3	4.64	1.61	0.00
8	4.20	1.00	0.00
10	17.12	-6.12	0.00
12.5	19.90	-6.59	0.00
16	33.04	-12.10	0.00
20	35.67	-10.86	0.00
25	33.81	-5.62	0.00
31.5	44.59	-7.89	0.00
40	71.43	-21.06	0.00
50	80.08	-25.30	0.00
63	96.25	-35.16	0.00
80	103.20	-39.98	0.00
100	110.57	-46.26	0.00
125	120.12	-52.80	0.00
160	129.38	-59.00	0.00
200	121.57	-60.20	0.00
250	108.07	-54.96	0.00
315	71.75	-37.38	0.00
400	42.48	-23.08	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

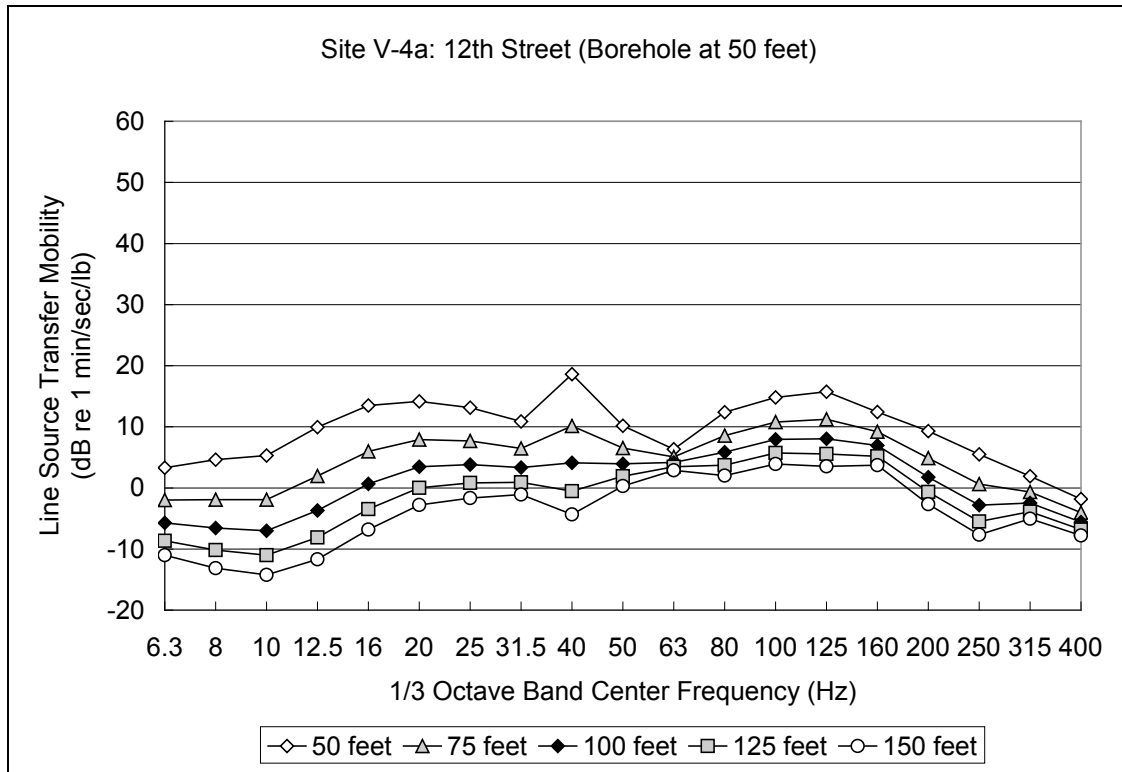


EXHIBIT D-4.
Representative Transfer Mobility Functions, Site V-4a

TABLE D-4
Line Source Transfer Mobility Coefficients, Site V-4a

Frequency (Hz)	A	B	C
6.3	54.32	-30.02	0.00
8	67.81	-37.19	0.00
10	74.90	-40.96	0.00
12.5	86.94	-45.32	0.00
16	85.84	-42.59	0.00
20	74.60	-35.56	0.00
25	65.84	-31.01	0.00
31.5	53.44	-25.05	0.00
40	100.37	-48.12	0.00
50	45.32	-20.69	0.00
63	18.58	-7.21	0.00
80	49.34	-21.75	0.00
100	53.58	-22.82	0.00
125	59.29	-25.62	0.00
160	43.36	-18.21	0.00
200	51.86	-25.06	0.00
250	52.39	-27.60	0.00
315	26.59	-14.53	0.00
400	19.37	-12.48	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

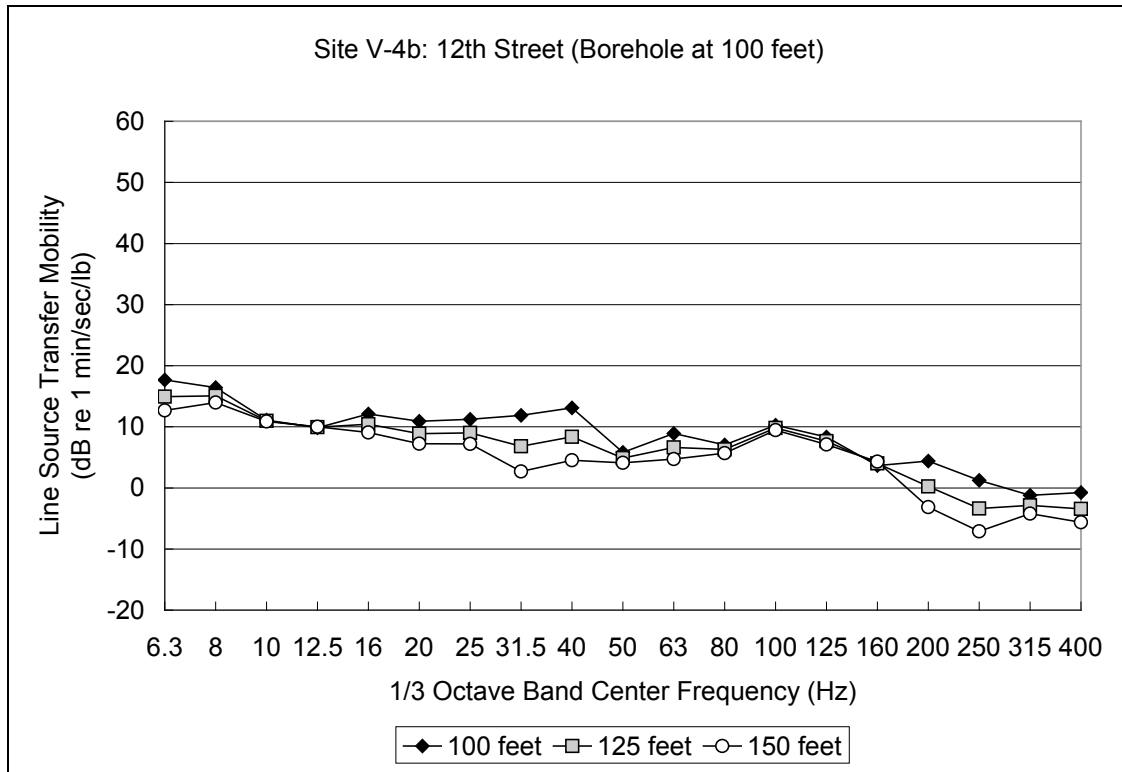


EXHIBIT D-5.
Representative Transfer Mobility Functions, Site V-4b

TABLE D-5
Line Source Transfer Mobility Coefficients, Site V-4b

Frequency (Hz)	A	B	C
6.3	74.56	-28.43	0.00
8	43.93	-13.76	0.00
10	13.57	-1.24	0.00
12.5	8.10	0.88	0.00
16	46.57	-17.23	0.00
20	52.61	-20.86	0.00
25	57.16	-22.96	0.00
31.5	115.84	-51.99	0.00
40	110.36	-48.64	0.00
50	25.25	-9.71	0.00
63	56.46	-23.77	0.00
80	22.62	-7.79	0.00
100	19.32	-4.53	0.00
125	22.24	-6.96	0.00
160	-3.78	3.72	0.00
200	90.02	-42.81	0.00
250	95.93	-47.35	0.00
315	32.69	-16.95	0.00
400	54.49	-27.63	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

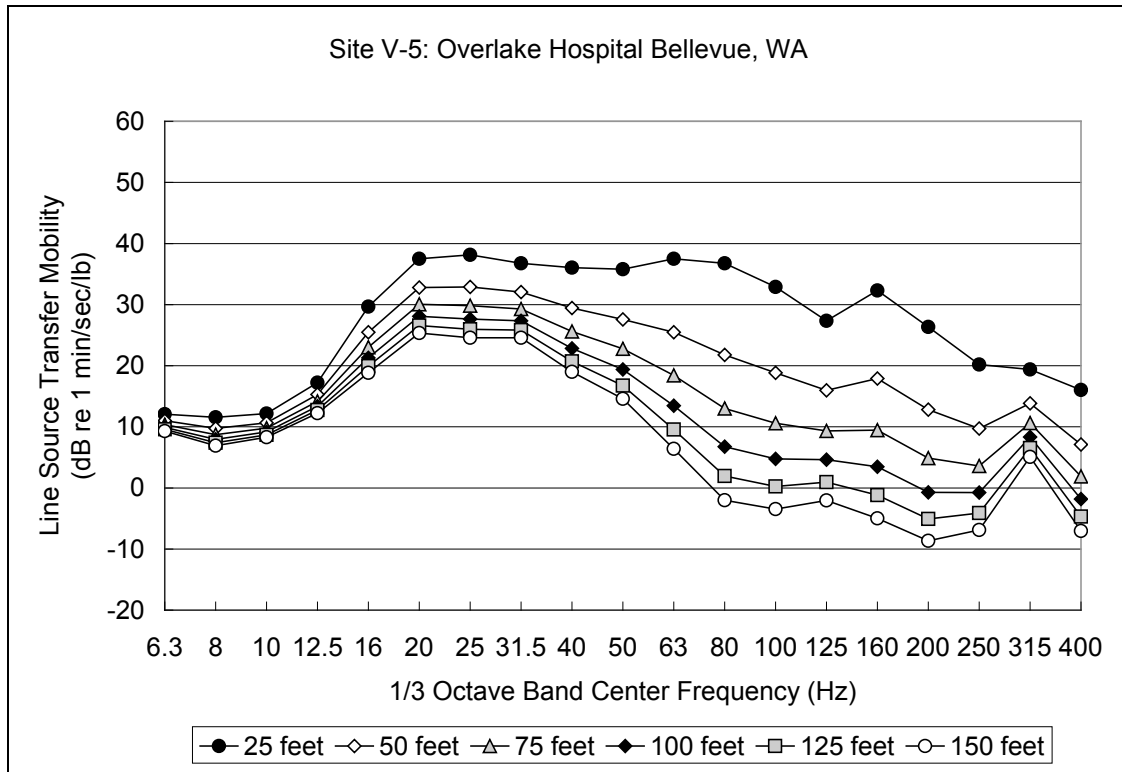


EXHIBIT D-6.
Representative Transfer Mobility Functions, Site V-5

TABLE D-6
Line Source Transfer Mobility Coefficients, Site V-5

Frequency (Hz)	A	B	C
6.3	17.01	-3.54	0.00
8	19.90	-5.97	0.00
10	19.11	-4.97	0.00
12.5	26.19	-6.41	0.00
16	49.18	-13.95	0.00
20	59.36	-15.63	0.00
25	62.49	-17.43	0.00
31.5	58.66	-15.66	0.00
40	66.75	-21.95	0.00
50	73.92	-27.27	0.00
63	93.36	-39.96	0.00
80	106.44	-49.84	0.00
100	98.17	-46.70	0.00
125	80.15	-37.77	0.00
160	99.32	-47.92	0.00
200	89.19	-44.96	0.00
250	68.77	-34.76	0.00
315	45.12	-18.40	0.00
400	57.47	-29.64	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

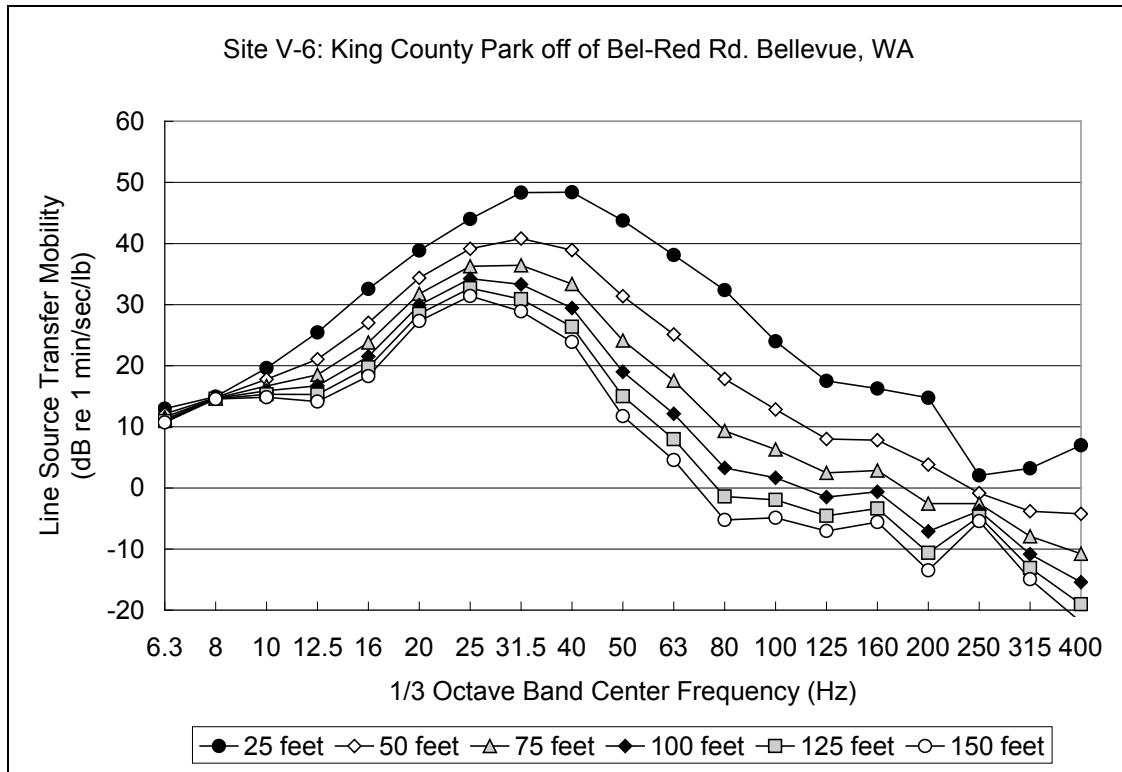


EXHIBIT D7.
Representative Transfer Mobility Functions, Site V-6

TABLE D-7
Line Source Transfer Mobility Coefficients, Site V-6

Frequency (Hz)	A	B	C
6.3	17.03	-2.91	0.00
8	15.60	-0.49	0.00
10	28.19	-6.14	0.00
12.5	45.77	-14.53	0.00
16	58.21	-18.35	0.00
20	59.59	-14.84	0.00
25	66.64	-16.19	0.00
31.5	83.24	-24.97	0.00
40	92.46	-31.51	0.00
50	101.24	-41.12	0.00
63	98.45	-43.15	0.00
80	99.99	-48.36	0.00
100	75.87	-37.10	0.00
125	61.66	-31.57	0.00
160	55.51	-28.08	0.00
200	65.42	-36.26	0.00
250	15.46	-9.61	0.00
315	35.82	-23.33	0.00
400	58.98	-37.20	0.00

$$TM = A + B \log(d) + C(\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

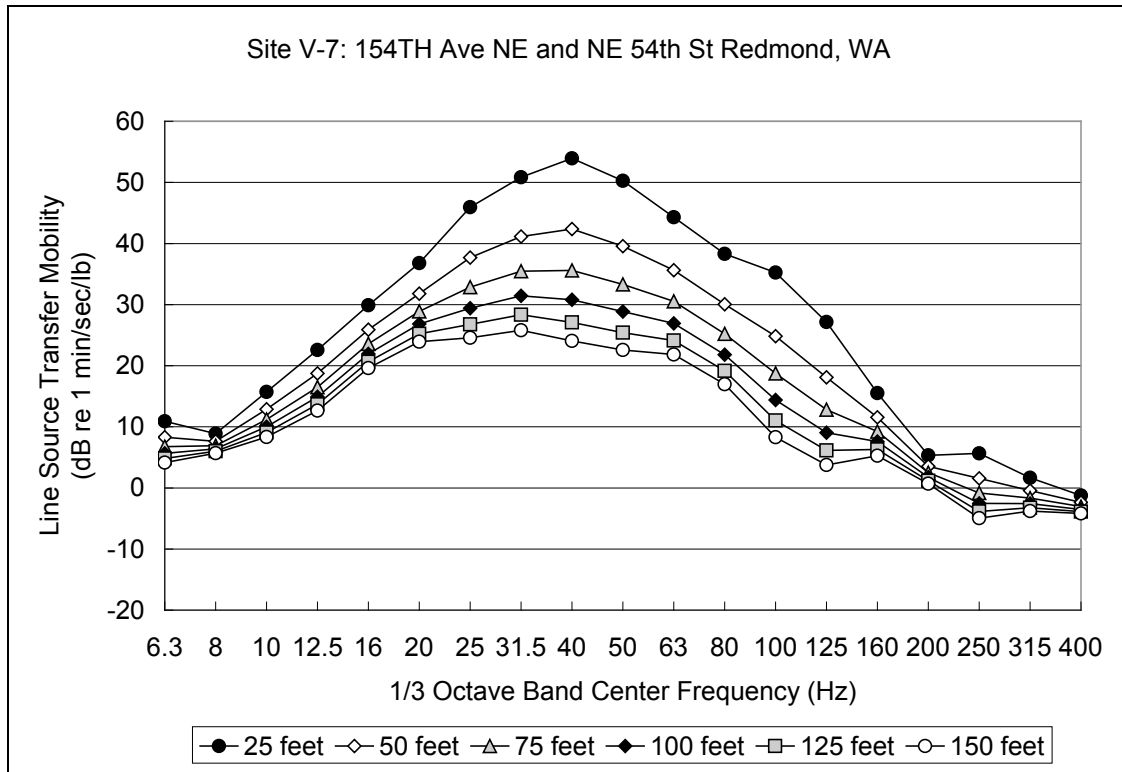


EXHIBIT D-8.
Representative Transfer Mobility Functions, Site V-7

TABLE D-8
Line Source Transfer Mobility Coefficients, Site V-7

Frequency (Hz)	A	B	C
6.3	23.05	-8.69	0.00
8	14.62	-4.11	0.00
10	29.02	-9.51	0.00
12.5	40.39	-12.74	0.00
16	48.33	-13.20	0.00
20	59.87	-16.52	0.00
25	84.34	-27.46	0.00
31.5	95.87	-32.20	0.00
40	107.59	-38.39	0.00
50	100.02	-35.58	0.00
63	84.64	-28.85	0.00
80	76.58	-27.39	0.00
100	83.65	-34.62	0.00
125	69.15	-30.05	0.00
160	33.97	-13.19	0.00
200	13.62	-5.94	0.00
250	24.72	-13.63	0.00
315	11.43	-6.99	0.00
400	4.05	-3.78	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

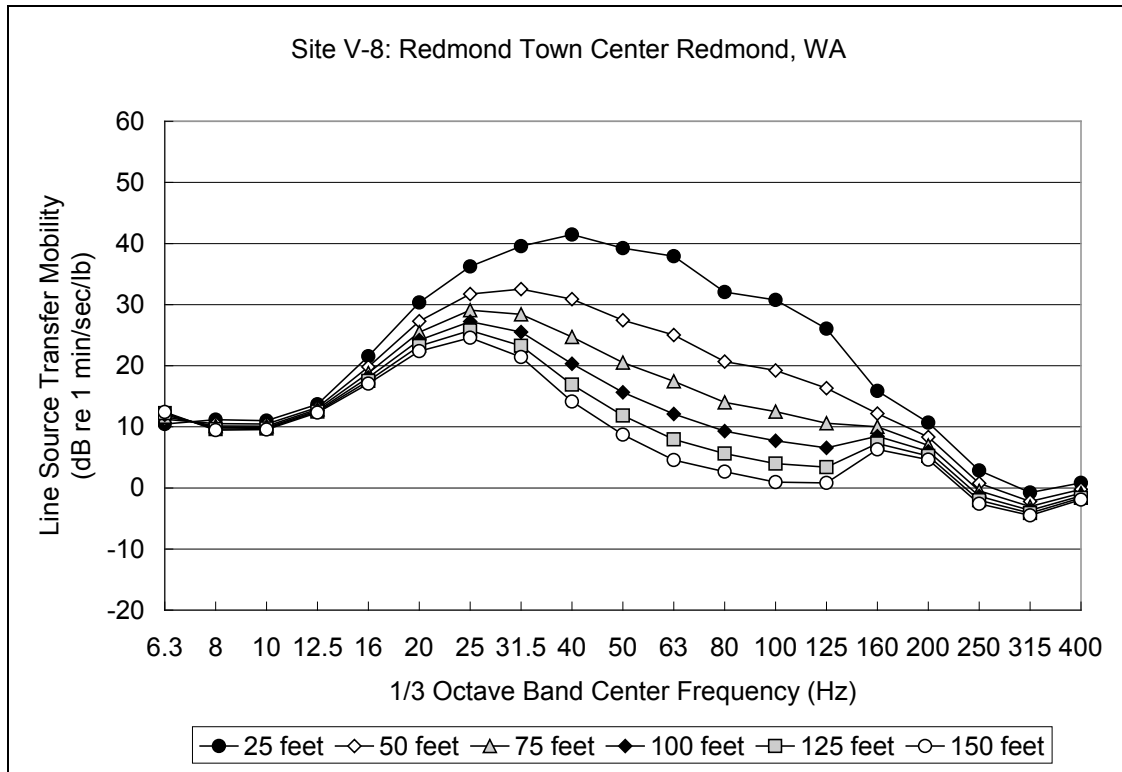


EXHIBIT D-9.
Representative Transfer Mobility Functions, Site V-8

TABLE D-9
Line Source Transfer Mobility Coefficients, Site V-8

Frequency (Hz)	A	B	C
6.3	6.97	2.50	0.00
8	14.26	-2.21	0.00
10	13.59	-1.85	0.00
12.5	16.11	-1.73	0.00
16	29.62	-5.77	0.00
20	44.63	-10.22	0.00
25	57.24	-15.01	0.00
31.5	72.14	-23.31	0.00
40	90.61	-35.15	0.00
50	94.03	-39.20	0.00
63	97.87	-42.88	0.00
80	84.86	-37.78	0.00
100	84.28	-38.29	0.00
125	71.42	-32.44	0.00
160	33.12	-12.33	0.00
200	21.59	-7.80	0.00
250	12.66	-7.00	0.00
315	5.94	-4.80	0.00
400	5.78	-3.53	0.00

$$TM = A + B \cdot \log(d) + C \cdot (\log(d))^2$$

Where:

TM = Transfer Mobility in dB re 1µin/sec/lb/(ft)^{1/2}
d = Distance in feet

Appendix E

Detailed Noise Impact Assessment

Preferred Interstate 90 Alternative (A1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers West of Tunnel: Seattle		Sturgus Ave S	18	68	2	No	No	60	Ldn	63	69	--	--	No Wall	N/A	No	60
		Sturgus Ave S	5	68	2	No	No	60	Ldn	63	69	--	--	No Wall	N/A	No	60
		S Atlantic St at 17th Ave S	12	68	2	No	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
		18th and 19th Ave S	6	68	2	No	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
		19th Ave S and Valentine Pl	6	68	2	No	No	60	Ldn	63	69	--	--	No Wall	N/A	No	60
		20th Ave at S Atlantic St	5	68	2	No	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
		20th Ave at S Atlantic St	6	68	2	No	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
		S Atlantic St	6	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
Receiver East of the Tunnel: Seattle		Judkins Park and Playfield	1	67	3	No	No	61	Leq	69	73	--	--	No Wall	N/A	No	61
		Irving Street	2	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
		Irving Street	1	67	2	No	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
		Lake Washington Blvd	2	67	2	No	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
		35th Ave S	3	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
		36th Ave S	2	67	2	No	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	1250204665	Lake Washington Blvd	1	67	2	No	Yes	63	Ldn	63	68	1	--	No Wall	Special	No	60
Mercer Island West Shore Landing		60th Ave	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
		60th Ave	1	67	2	No	No	55	Ldn	63	68	--	--	No Wall	N/A	No	55
		60th Ave	2	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
		60th Ave	1	67	2	No	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
Mercer Island East Shore Landing		SE 35th Pl	6	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
		SE 36th Pl	0	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58

Preferred 112th SE Modified Alternative (B2M) to Preferred 108th NE At-Grade Alternative (C11A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2003	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2008	Lot	0	69	2	No	No	67	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2030	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	53
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2036	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	67	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2073	SF residence	1	69	2	No	Yes	66	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2094	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2045	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	51
	2055	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2070	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2078	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51

Preferred 112th SE Modified Alternative (B2M) to Preferred 108th NE At-Grade Alternative (C11A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Same as above, second row	2144	SF residence	1	69	2	Yes	No	58	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	49
	2160	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2210	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2225	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2235	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2130	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2137	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2146	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2166	SF residence	1	67	2	Yes	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2170	SF residence	1	65	2	Yes	No	52	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	43
Receptors from 23rd St to 25th St	2181	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2183	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2211	SF residence	1	67	2	No	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2230	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2246	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2252	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2265	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2275	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2284	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2288	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2296	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2300	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
25th St to 112th "Y"	2251	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2307	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2317	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2326	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2333	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2345	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2351	SF residence	1	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	2361	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2367	SF residence	1	69	2	No	No	48	Ldn	64	70	--	--	No Wall	N/A	No	48
	2375	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2384	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
Station change to C9T	2397	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2378	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2385	SF residence	1	69	2	No	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	2393	SF residence	1	69	2	No	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	2401	SF residence	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	2407	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	2413	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2421	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	3001	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	2414	SF residence	1	67	2	No	No	49	Ldn	63	68	--	--	No Wall	N/A	No	49
	2418	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3000	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3004	SF residence	1	67	2	No	No	48	Ldn	63	68	--	--	No Wall	N/A	No	48
	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
MF Units at the 112th "Y"	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	3010	MF Units at Y	4	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56

Preferred 112th SE Modified Alternative (B2M) to Preferred 108th NE At-Grade Alternative (C11A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units forth of Y, south of Bellefield Park	3010	MF Units at Y	4	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	3010	MF Units at Y	4	69	2	No	No	48	Ldn	64	70	--	--	No Wall	N/A	No	48
	3010	MF Units at Y	4	67	2	No	No	50	Ldn	63	68	--	--	No Wall	N/A	No	50
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	50	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	44
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	49
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	63	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	57
	4005	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	63	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	57
	4007	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4010	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	63	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4017	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	63	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4024	Lot	0	60	2	Yes	No	63	Ldn	58	64	0	--	Potential Sound Wall	N/A	Yes	59
	4025	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4029	SF up hill on retaining wall, north of Apts	1	60	2	Yes	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
Bellefield Park																	
	4050	MF units at Bellefield Park	2	64	2	Yes	No	64	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	58
	4050	MF units at Bellefield Park	2	64	2	Yes	No	64	Ldn	61	66	2	--	Potential Sound Wall	N/A	Yes	61
	4050	MF units at Bellefield Park	2	63	2	Yes	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	65	2	No	No	65	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	59
	4050	MF units at Bellefield Park	3	63	2	No	No	62	Ldn	60	66	3	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	4	64	2	No	No	64	Ldn	61	66	4	--	Potential Sound Wall	N/A	Yes	61
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	60
	4050	MF units at Bellefield Park	2	63	2	No	No	58	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	53
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	63	2	No	No	62	Ldn	60	66	2	--	Potential Sound Wall	N/A	No	56
SF Units along 111th Place																	
	4065	SF residence	1	62	2	Yes	No	58	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	52
	4063	SF residence	1	66	2	Yes	No	66	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	60
	4067	SF residence	1	66	2	Yes	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	59
	4074	SF residence	1	66	2	Yes	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	59
	4079	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	4084	SF residence	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5000	SF residence	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	Yes	61
	5006	SF residence	1	65	2	Yes	No	66	Ldn	61	67	1	--	Potential Sound Wall	N/A	Yes	61
	5013	SF residence	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5021	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5026	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	Yes	61
	5036	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	Yes	61
	5039	SF residence	1	66	2	Yes	No	63	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	61
	5050	SF residence	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	58

Preferred 112th SE Modified Alternative (B2M) to Preferred 110th NE Tunnel Alternative (C9T)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2003	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2008	Lot	0	69	2	No	No	67	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2030	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	53
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2036	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	67	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2073	SF residence	1	69	2	No	Yes	66	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2094	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2045	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	51
	2055	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2070	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2078	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51

Preferred 112th SE Modified Alternative (B2M) to Preferred 110th NE Tunnel Alternative (C9T)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Same as above, second row	2144	SF residence	1	69	2	Yes	No	58	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	49
	2160	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2210	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2225	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2235	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2130	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2137	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2146	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2166	SF residence	1	67	2	Yes	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2170	SF residence	1	65	2	Yes	No	52	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	43
Receptors from 23rd St to 25th St	2181	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2183	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2211	SF residence	1	67	2	No	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2230	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2246	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2252	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2265	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2275	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2284	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2288	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2296	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2300	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
25th St to 112th "Y"	2251	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2307	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2317	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2326	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2333	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2345	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2351	SF residence	1	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	2361	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2367	SF residence	1	69	2	No	No	48	Ldn	64	70	--	--	No Wall	N/A	No	48
	2375	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2384	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
Station change to C9T	2397	SF residence	1	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	2378	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2385	SF residence	1	69	2	No	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	2393	SF residence	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	2401	SF residence	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	2407	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2413	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2421	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	3001	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	2414	SF residence	1	67	2	No	No	49	Ldn	63	68	--	--	No Wall	N/A	No	49
	2418	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3000	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3004	SF residence	1	67	2	No	No	48	Ldn	63	68	--	--	No Wall	N/A	No	48
	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
MF Units at the 112th "Y"	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	3010	MF Units at Y	4	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61

Preferred 112th SE Modified Alternative (B2M) to Preferred 110th NE Tunnel Alternative (C9T)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units forth of Y, south of Bellefield Park	3010	MF Units at Y	4	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	3010	MF Units at Y	4	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3010	MF Units at Y	4	67	2	No	No	55	Ldn	63	68	--	--	No Wall	N/A	No	55
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	49
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4024	Lot	0	60	2	No	No	59	Ldn	58	64	0	--	Potential Sound Wall	N/A	No	53
	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	52
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	No Wall	N/A	No	55
Bellefield Park																	
	4050	MF units at Bellefield Park	2	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	Yes	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	49
	4050	MF units at Bellefield Park	2	65	2	Yes	No	64	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	3	63	2	Yes	No	60	Ldn	60	66	3	--	No Wall	N/A	Yes	60
	4050	MF units at Bellefield Park	4	64	2	Yes	No	63	Ldn	61	66	4	--	No Wall	N/A	Yes	63
	4050	MF units at Bellefield Park	2	64	2	Yes	No	60	Ldn	61	66	--	--	No Wall	N/A	No	60
	4050	MF units at Bellefield Park	2	63	2	Yes	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	48
	4050	MF units at Bellefield Park	2	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
SF Units along 111th Place	4050	MF units at Bellefield Park	2	63	2	Yes	No	58	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	52
	4065	SF residence	1	62	2	Yes	No	55	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	48
	4063	SF residence	1	66	2	Yes	No	60	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	54
	4067	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	55
	4074	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	55
	4079	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	4084	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5000	SF residence	1	65	2	Yes	No	65	Ldn	61	67	1	--	No Wall	N/A	Yes	65
	5006	SF residence	1	65	2	Yes	No	65	Ldn	61	67	1	--	No Wall	N/A	Yes	65
	5013	SF residence	1	65	2	Yes	No	64	Ldn	61	67	1	--	No Wall	N/A	Yes	64
	5021	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5026	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5036	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5039	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	55
	5050	SF residence	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53

Preferred 112th SE Modified Alternative (B2M) to Alternative C9T - East Main Station Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2003	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2008	Lot	0	69	2	No	No	67	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2030	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	53
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2036	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	67	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2073	SF residence	1	69	2	No	Yes	66	Ldn	64	70	1	--	Potential Sound Wall	Special	No	56
	2094	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2045	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	51
	2055	SF residence	1	67	2	No	Yes	61	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2070	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2078	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51

Preferred 112th SE Modified Alternative (B2M) to Alternative C9T - East Main Station Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Same as above, second row	2144	SF residence	1	69	2	Yes	No	58	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	49
	2160	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2210	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2225	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2235	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2130	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2137	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2146	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2166	SF residence	1	67	2	Yes	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2170	SF residence	1	65	2	Yes	No	52	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	43
Receptors from 23rd St to 25th St	2181	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2183	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	47
	2211	SF residence	1	67	2	No	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2230	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2246	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2252	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2265	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2275	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2284	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2288	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2296	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2300	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
25th St to 112th "Y"	2251	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2307	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2317	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2326	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	2333	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2345	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2351	SF residence	1	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	2361	SF residence	1	69	2	No	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	2367	SF residence	1	69	2	No	No	48	Ldn	64	70	--	--	No Wall	N/A	No	48
	2375	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2384	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
Station change to C9T	2397	SF residence	1	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	2378	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	2385	SF residence	1	69	2	No	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	2393	SF residence	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	2401	SF residence	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	2407	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2413	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	2421	SF residence	1	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	3001	SF residence	1	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	2414	SF residence	1	67	2	No	No	49	Ldn	63	68	--	--	No Wall	N/A	No	49
	2418	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3000	SF residence	1	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3004	SF residence	1	67	2	No	No	48	Ldn	63	68	--	--	No Wall	N/A	No	48
	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
MF Units at the 112th "Y"	3010	MF Units at Y	4	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	3010	MF Units at Y	4	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61

Preferred 112th SE Modified Alternative (B2M) to Alternative C9T - East Main Station Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units forth of Y, south of Bellefield Park	3010	MF Units at Y	4	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
	3010	MF Units at Y	4	69	2	No	No	53	Ldn	64	70	--	--	No Wall	N/A	No	53
	3010	MF Units at Y	4	67	2	No	No	55	Ldn	63	68	--	--	No Wall	N/A	No	55
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	49
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	4024	Lot	0	60	2	No	No	59	Ldn	58	64	0	--	Potential Sound Wall	N/A	No	53
	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	52
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	55	Ldn	58	64	--	--	No Wall	N/A	No	55
Bellefield Park																	
	4050	MF units at Bellefield Park	2	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	Yes	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	49
	4050	MF units at Bellefield Park	2	65	2	Yes	No	64	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	3	63	2	Yes	No	60	Ldn	60	66	3	--	No Wall	N/A	Yes	60
	4050	MF units at Bellefield Park	4	64	2	Yes	No	63	Ldn	61	66	4	--	No Wall	N/A	Yes	63
	4050	MF units at Bellefield Park	2	64	2	Yes	No	60	Ldn	61	66	--	--	No Wall	N/A	No	60
	4050	MF units at Bellefield Park	2	63	2	Yes	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	48
	4050	MF units at Bellefield Park	2	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
SF Units along 111th Place	4050	MF units at Bellefield Park	2	63	2	Yes	No	58	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	52
	4065	SF residence	1	62	2	Yes	No	55	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	48
	4063	SF residence	1	66	2	Yes	No	60	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	54
	4067	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	55
	4074	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	55
	4079	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	4084	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5000	SF residence	1	65	2	Yes	Yes	65	Ldn	61	67	1	--	No Wall	Special	Yes	64
	5006	SF residence	1	65	2	Yes	Yes	66	Ldn	61	67	1	--	No Wall	Special	Yes	64
	5013	SF residence	1	65	2	Yes	Yes	67	Ldn	61	67	--	1	No Wall	Special	Yes	61
	5021	SF residence	1	65	2	Yes	Yes	67	Ldn	61	67	--	1	Potential Sound Wall	Special	No	55
	5026	SF residence	1	65	2	Yes	Yes	66	Ldn	61	67	1	--	Potential Sound Wall	Special	No	55
	5036	SF residence	1	65	2	Yes	Yes	66	Ldn	61	67	1	--	Potential Sound Wall	Special	No	55
	5039	SF residence	1	66	2	Yes	Yes	66	Ldn	62	68	1	--	Potential Sound Wall	Special	No	55
	5050	SF residence	1	64	2	Yes	Yes	60	Ldn	61	66	--	--	Potential Sound Wall	Special	No	53

Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers north of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	1103	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1137	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1152/3	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1164	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1172	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1182	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1195	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
Same as above, second row	1203	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	1086	SF residence	1	65	2	No	No	55	Ldn	61	67	--	--	No Wall	N/A	No	55
	1106	SF residence	1	65	2	No	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1136	SF residence	1	65	2	No	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1151	SF residence	1	65	2	No	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1163	SF residence	1	65	2	No	No	53	Ldn	61	67	--	--	No Wall	N/A	No	53
	1175	SF residence	1	65	2	No	No	52	Ldn	61	67	--	--	No Wall	N/A	No	52
	1177	SF residence	1	65	2	No	No	53	Ldn	61	67	--	--	No Wall	N/A	No	53
Receivers east of 112th to SE 30th and 111th	1194	SF residence	1	65	2	No	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1202	SF residence	1	65	2	No	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1210	SF residence	1	69	2	Yes	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	1217	SF residence	1	69	2	Yes	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	2001	SF residence	1	69	2	Yes	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	2003	SF residence	1	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	2008	Lot	0	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	2012	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
Same as above, second row	2015 E	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	9819	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2017	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2023	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2026	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2030	SF residence	1	69	2	Yes	Yes	69	Ldn	64	70	1	--	No Wall	Special	Yes	67
	1209	SF residence	1	67	2	Yes	No	53	Ldn	63	68	--	--	No Wall	N/A	No	53
	2000	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
Triangle north of SE 30th	2015 W	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	9820	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	2021	SF residence	1	67	2	Yes	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	2032	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	No Wall	N/A	No	57
	2036	SF residence	1	67	2	Yes	Yes	60	Ldn	63	68	--	--	No Wall	Special	No	59
	2038	SF residence	1	65	2	Yes	Yes	56	Ldn	61	67	--	--	No Wall	Special	No	55
	2040	SF residence	1	69	2	Yes	Yes	71	Ldn	64	70	--	1	No Wall	Special	Yes	66
	2049	SF residence	1	69	2	Yes	Yes	75	Ldn	64	70	--	1	No Wall	Special	Yes	67
Receptors on 112th Ave SE and near Station Area	2061	SF residence	1	69	2	Yes	Yes	73	Ldn	64	70	--	1	No Wall	Special	Yes	68
	2073	SF residence	1	69	2	Yes	Yes	70	Ldn	64	70	--	1	No Wall	Special	Yes	68
	2094	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	2045	SF residence	1	67	2	Yes	Yes	62	Ldn	63	68	--	--	No Wall	Special	No	59
	2055	SF residence	1	67	2	Yes	Yes	63	Ldn	63	68	1	--	No Wall	Special	No	60
	2050	SF residence	1	65	2	Yes	Yes	55	Ldn	61	67	--	--	No Wall	Special	No	55
	2054	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	2060	SF residence	1	65	2	Yes	Yes	57	Ldn	61	67	--	--	No Wall	Special	No	56
	2070	SF residence	1	67	2	Yes	Yes	60	Ldn	63	68	--	--	No Wall	Special	No	60
Receptors on 112th Ave SE and near Station Area	2078	SF residence	1	67	2	Yes	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62
	2095	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	2109	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2124	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	2144	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64

Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	2160	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2178	Lot	0	69	2	Yes	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	2193	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2210	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2225	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2235	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
Same as above, second row																	
	2104	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	2116	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	No Wall	N/A	No	55
	2130	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	2137	SF residence	1	67	2	Yes	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
	2146	SF residence	1	65	2	Yes	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	2166	SF residence	1	67	2	Yes	No	65	Ldn	63	68	1	--	No Wall	N/A	Yes	65
	2170	SF residence	1	65	2	Yes	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	2181	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	No Wall	N/A	Yes	63
	2183	SF residence	1	67	2	Yes	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	2211	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	2230	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
Receptors from 23rd St to 25th St																	
	2246	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2252	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2265	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2275	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2284	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2288	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2296	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2300	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2306	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
Same as above, second row																	
	2254	SF residence	1	65	2	No	No	55	Ldn	61	67	--	--	No Wall	N/A	No	55
	2251	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	2289	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
	2297	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	2307	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
25th St to 112th Y																	
	2317	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2326	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2333	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2345	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2351	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2361	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2367	SF residence	1	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	2375	Displacement	0	69	2	No	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	2384	Displacement	0	69	2	No	No	66	Ldn	64	70	0	--	No Wall	N/A	Yes	66
	2397	Displacement	0	69	2	No	No	68	Ldn	64	70	0	--	No Wall	N/A	Yes	68
	2378	SF residence	1	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	2385	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2393	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2401	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	2407	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	2413	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2421	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3001	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	2414	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
	2418	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3000	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3004	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	No Wall	N/A	No	58
MF Units at the 112th "Y"																	
	3010	MF Units at Y	4	69	2	Yes	No	66	Ldn	64	70	4	--	No Wall	N/A	Yes	66
	3010	MF Units at Y	4	69	2	Yes	No	64	Ldn	64	70	4	--	No Wall	N/A	Yes	64
	3010	MF Units at Y	4	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	3010	MF Units at Y	4	69	2	Yes	No	65	Ldn	64	70	4	--	No Wall	N/A	Yes	65
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62

Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
W of Alignment from S 19th St to SE 16th	3010	MF Units at Y	4	67	2	Yes	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
	3029	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	3049	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	3075	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3094	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3109	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	3133	MF Units	4	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3133	MF Units	4	69	2	Yes	No	64	Ldn	64	70	4	--	No Wall	N/A	Yes	64
	3133	MF Units	2	69	2	Yes	No	66	Ldn	64	70	2	--	No Wall	N/A	Yes	66
Pool at 112th	3133	MF Units	2	69	2	Yes	No	67	Ldn	64	70	2	--	No Wall	N/A	Yes	67
	3083	Pool and Recreation	1	69	3	Yes	No	65	Leq	70	75	--	--	No Wall	N/A	No	65
Same as Above, 2nd Row																	
	3052	SF residence	1	66	2	Yes	No	56	Ldn	62	68	--	--	No Wall	N/A	No	56
	3087	SF residence	1	66	2	Yes	No	57	Ldn	62	68	--	--	No Wall	N/A	No	57
	3101	SF residence	1	66	2	Yes	No	57	Ldn	62	68	--	--	No Wall	N/A	No	57
	3114	SF residence	1	66	2	Yes	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3117	SF residence	1	65	2	No	No	55	Ldn	61	67	--	--	No Wall		No	55
	3125	SF residence	1	66	2	Yes	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
	3140	SF residence	1	66	2	Yes	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3147	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	No Wall	N/A	No	61
	3165	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3183	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
E side, S of SE 16th St	3097	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3110	SF residence	1	69	2	Yes	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	3116	SF residence	1	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3121	SF residence	1	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3129	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	3143	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	3149	SF residence	1	66	2	Yes	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3150	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3170	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
E side, SE 16th St to just North of SE 13th St	3223	MF Residence	0	69	2	Yes	No	66	Ldn	64	70	0	--	No Wall	N/A	Yes	66
	3223	MF Residence	6	65	2	Yes	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	3223	MF Residence	4	69	2	Yes	No	66	Ldn	64	70	4	--	No Wall	N/A	Yes	66
	3246	MF Residence	4	69	2	Yes	No	66	Ldn	64	70	4	--	No Wall	N/A	Yes	66
	3246	MF Residence	4	69	2	Yes	No	66	Ldn	64	70	4	--	No Wall	N/A	Yes	66
	3267	MF Residence	4	69	2	No	No	67	Ldn	64	70	4	--	No Wall	N/A	Yes	67
	3267	MF Residence	6	65	2	No	No	55	Ldn	61	67	--	--	No Wall	N/A	No	55
	3267	MF Residence	4	69	2	No	No	67	Ldn	64	70	4	--	No Wall	N/A	Yes	67
	3288	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3300	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	3305	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3319	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
W side from 16 St to 11th St	3204	Displacement	0	69	2	Yes	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	3220	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3237	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3252	Displacement	0	69	2	Yes	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	9823	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3302	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3329	Displacement	0	69	2	No	No	68	Ldn	64	70	0	--	No Wall	N/A	Yes	68
	3368	Church Bldg	1	69	3	No	No	68	Leq	70	75	--	--	No Wall	N/A	No	68
	3387	Church Bldg	1	69	3	No	No	64	Leq	70	75	--	--	No Wall	N/A	No	64
Same as above, 2nd and 3rd rows	3208	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	3215	SF residence	1	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3226	Lot	0	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63

Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	3239	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3257	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3260	SF residence	1	66	2	Yes	No	60	Ldn	62	68	--	--	No Wall	N/A	No	60
	9824	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	9825	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3279	SF residence	1	66	2	No	No	60	Ldn	62	68	--	--	No Wall	N/A	No	60
	9828	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	9830	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	9826	SF residence	1	66	2	No	No	62	Ldn	62	68	1	--	No Wall	N/A	Yes	62
	9827	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	No Wall	N/A	No	58
	9829	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	3306	SF residence	1	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3310	SF residence	1	66	2	No	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
	3334	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	3337	SF residence	1	66	2	No	No	60	Ldn	62	68	--	--	No Wall	N/A	No	60
East side, S of SE 11th to 10th																	
	3339	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3362	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3376	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3396	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3403	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3415	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3423	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3432	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3447	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
Same as above, 2nd/3rd rows																	
	3336	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3355	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	3369	SF residence	1	66	2	No	No	57	Ldn	62	68	--	--	No Wall	N/A	No	57
	3350	SF residence	1	66	2	No	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
	3394	SF residence	1	66	2	No	No	60	Ldn	62	68	--	--	No Wall	N/A	No	60
	3409	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3421	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3437	SF residence	1	66	2	No	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
West side, 11th St to 8th St																	
	3434	Church Bldg	1	69	3	No	No	68	Leq	70	75	--	--	No Wall	N/A	No	68
East side 10th to 8th																	
	3493	Displacement	0	69	2	No	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
West side 10th to 8th																	
	3482	SF residence	1	66	2	No	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
	3487	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	3492	SF residence	1	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3494	SF residence	1	66	2	No	No	58	Ldn	62	68	--	--	No Wall	N/A	No	58
	3501	Lot	0	69	2	No	No	64	Ldn	64	70	0	--	No Wall	N/A	Yes	64
	3508	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	3516	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
West side, SE 8th to 6th St																	
	3544	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3561	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3573	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66
	3600	Displacement	0	69	2	No	No	68	Ldn	64	70	0	--	No Wall	N/A	Yes	68
	3605	Displacement	0	69	2	No	No	68	Ldn	64	70	0	--	No Wall	N/A	Yes	68
Same as above, 2nd and 3rd rows																	
	3546	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	3574	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	No Wall	N/A	Yes	67
	3575	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	No Wall	N/A	Yes	62
	3576	SF residence	1	65	2	Yes	No	59	Ldn	61	67	--	--	No Wall	N/A	No	59
	3601	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3606	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
East side, SE 8th to N of 6th St																	
	3545	Fire Department	1	69	2	Yes	No	68	Ldn	64	70	1	--	No Wall	N/A	Yes	68
	3578	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	No Wall	N/A	Yes	66

Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis							Project Mitigation				
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	3578	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	No Wall	N/A	No	61
	3578	SF residence	1	65	2	Yes	No	58	Ldn	61	67	--	--	No Wall	N/A	No	58
	3578	SF residence	1	65	2	Yes	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	3578	SF residence	1	65	2	Yes	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	3578	SF residence	1	65	2	Yes	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	3578	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	No Wall	N/A	No	55
	3597	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3597	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	No Wall	N/A	No	61
	3597	SF residence	1	65	2	Yes	No	58	Ldn	61	67	--	--	No Wall	N/A	No	58
	3597	SF residence	1	65	2	Yes	No	57	Ldn	61	67	--	--	No Wall	N/A	No	57
	3597	SF residence	1	65	2	Yes	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	3597	SF residence	1	65	2	Yes	No	56	Ldn	61	67	--	--	No Wall	N/A	No	56
	3597	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3597	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3597	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3597	SF residence	4	69	2	No	No	66	Ldn	64	70	4	--	No Wall	N/A	Yes	66

112th SE At-Grade Alternative (B2A)																	
Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2001	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2003	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2008	Lot	0	69	2	No	No	66	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2030	SF residence	1	69	2	No	Yes	72	Ldn	64	70	--	1	Potential Sound Wall	Special	No	59
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2036	SF residence	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2073	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2094	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2045	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2055	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	49
	2070	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2078	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52

112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, existing Noise Levels and FTA Category						Noise Sources		Project Analysis		FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Same as above, second row	2144	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2160	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2210	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2225	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2235	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Receptors from 23rd St to 25th St	2130	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2137	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2146	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2166	SF residence	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2170	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2181	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	46
	2183	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2211	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2230	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
Same as above, second row	2246	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2252	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2265	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2275	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2284	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2288	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2296	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2300	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
25th St to 112th "Y"	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2251	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2307	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2317	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2326	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2333	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
MF Units at the 112th "Y"	2345	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2351	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2361	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2367	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2375	Displacement	0	69	2	No	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	2384	Displacement	0	69	2	No	No	64	Ldn	64	70	0	--	No Wall	N/A	Yes	64
	2397	Displacement	0	69	2	No	No	66	Ldn	64	70	0	--	No Wall	N/A	Yes	66
	2378	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2385	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	2393	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2401	SF residence	1	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	2407	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2413	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2421	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3001	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2414	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	2418	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3000	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3004	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	3010	MF Units at Y	4	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56

112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units north of "Y", south of Bellefield Park	3010	MF Units at Y	4	69	2	Yes	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	3010	MF Units at Y	4	67	2	Yes	No	57	Ldn	63	68	--	--	No Wall	N/A	No	57
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4024	Lot	0	60	2	No	No	61	Ldn	58	64	0	--	Potential Sound Wall	N/A	No	55
Bellefield Park	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	51
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	64	2	No	No	62	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	63	2	No	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
	4050	MF units at Bellefield Park	2	65	2	No	No	63	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	3	63	2	No	No	58	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	55
	4050	MF units at Bellefield Park	4	64	2	No	No	61	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	58
	4050	MF units at Bellefield Park	2	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	No	No	55	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
SF Units along 111th Place	4050	MF units at Bellefield Park	2	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	No	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	53
	4065	SF residence	1	62	2	Yes	No	55	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	50
	4063	SF residence	1	66	2	Yes	No	64	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	58
	4067	SF residence	1	66	2	Yes	No	64	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	58
	4074	SF residence	1	66	2	Yes	No	64	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	58
	4079	SF residence	1	65	2	Yes	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	56
	4084	SF residence	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5000	SF residence	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5006	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	57
SF Units along 111th Place	5013	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	5021	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	5026	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5036	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5039	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	58
	5050	SF residence	1	64	2	Yes	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	55

112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1106	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2001	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2003	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2008	Lot	0	69	2	No	No	66	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	Yes	69	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2030	SF residence	1	69	2	No	Yes	72	Ldn	64	70	--	1	Potential Sound Wall	Special	No	59
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2036	SF residence	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2073	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2094	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2045	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2055	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	49
	2070	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2078	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52

112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	2144	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2160	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2210	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2225	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2235	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	Same as above, second row																
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2130	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2137	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2146	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2166	SF residence	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2170	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2181	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	46
	2183	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2211	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2230	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	Receptors from 23rd St to 25th St																
	2246	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2252	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2265	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2275	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2284	SF residence	1	69	2	No	No	70	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	60
	2288	SF residence	1	69	2	No	No	70	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	61
	2296	SF residence	1	69	2	No	No	74	Ldn	64	70	--	1	Potential Sound Wall	N/A	Yes	64
	2300	SF residence	1	69	2	No	No	74	Ldn	64	70	--	1	Potential Sound Wall	N/A	Yes	64
	2306	SF residence	1	69	2	No	No	72	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	63
	Same as above, second row																
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2251	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2307	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	25th St to 112th "Y"																
	2317	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	2326	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	2333	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	2345	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	2351	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2361	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	2367	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2375	SF residence	1	69	2	No	No	73	Ldn	64	70	--	1	Potential Sound Wall	N/A	Yes	64
	2384	SF residence	1	69	2	No	No	70	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	61
	2397	SF residence	0	69	2	No	No	70	Ldn	64	70	--	0	Potential Sound Wall	N/A	No	61
	2378	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2385	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2393	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2401	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2407	SF residence	1	69	2	No	No	74	Ldn	64	70	--	1	Potential Sound Wall	N/A	Yes	65
	2413	SF residence	1	69	2	No	No	74	Ldn	64	70	--	1	Potential Sound Wall	N/A	Yes	65
	2421	SF residence	1	69	2	No	No	71	Ldn	64	70	--	1	Potential Sound Wall	N/A	No	62
	3001	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2414	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2418	SF residence	1	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3000	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	3004	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	MF Units at the 112th "Y"																
	3010	MF Units at Y	4	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	3010	MF Units at Y	4	69	2	No	No	64	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	55
	3010	MF Units at Y	4	69	2	No	No	64	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	55
	3010	MF Units at Y	4	69	2	No	No	58	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	49

112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units north of "Y", south of Bellefield Park	3010	MF Units at Y	4	69	2	No	No	57	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	48
	3010	MF Units at Y	4	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	50
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	65	Ldn	58	64	--	1	Potential Sound Wall	N/A	No	56
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	64	Ldn	58	64	--	1	Potential Sound Wall	N/A	No	55
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	64	Ldn	58	64	--	1	Potential Sound Wall	N/A	No	55
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	64	Ldn	58	64	--	1	Potential Sound Wall	N/A	No	55
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	64	Ldn	58	64	--	1	Potential Sound Wall	N/A	No	55
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	63	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4024	Lot	0	60	2	No	No	64	Ldn	58	64	--	0	Potential Sound Wall	N/A	No	55
Bellefield Park	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	51
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	51
	4050	MF units at Bellefield Park	2	64	2	No	No	65	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	64	2	No	No	64	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	55
	4050	MF units at Bellefield Park	2	63	2	No	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
	4050	MF units at Bellefield Park	2	65	2	No	No	64	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	3	63	2	No	No	62	Ldn	60	66	3	--	Potential Sound Wall	N/A	No	53
	4050	MF units at Bellefield Park	4	64	2	No	No	64	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	55
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	No	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
SF Units along 111th Place	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	54
	4050	MF units at Bellefield Park	2	63	2	No	No	62	Ldn	60	66	2	--	Potential Sound Wall	N/A	No	53
	4065	SF residence	1	62	2	No	No	58	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	49
	4063	SF residence	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	4067	SF residence	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	4074	SF residence	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	4079	SF residence	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	4084	SF residence	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5000	SF residence	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5006	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	5013	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5021	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	5026	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5036	SF residence	1	65	2	Yes	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	60
	5039	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	60
	5050	SF residence	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	58

112th SE Bypass Alternative (B3)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2001	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2003	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2008	Lot	0	69	2	No	No	66	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
Same as above, second row																	
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2030	SF residence	1	69	2	No	Yes	72	Ldn	64	70	--	1	Potential Sound Wall	Special	No	59
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
Triangle North of SE 30th																	
	2036	SF residence	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2040	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2073	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2094	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2045	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2055	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	49
	2070	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2078	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52

112th SE Bypass Alternative (B3)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	2144	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2160	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2210	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2225	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2235	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	Same as above, second row																
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2130	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2137	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2146	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2166	SF residence	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2170	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
	2181	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	46
	2183	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2211	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2230	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	Receptors from 23rd St to 25th St																
	2246	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2252	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2265	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2275	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2284	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2288	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2296	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2300	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	Same as above, second row																
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2251	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2307	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	25th St to 112th "Y"																
	2317	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2326	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2333	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2345	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2351	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2361	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2367	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2375	Displacement	0	69	2	No	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	2384	Displacement	0	69	2	No	No	64	Ldn	64	70	0	--	No Wall	N/A	Yes	64
	2397	Displacement	0	69	2	No	No	66	Ldn	64	70	0	--	No Wall	N/A	Yes	66
	2378	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2385	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	2393	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2401	SF residence	1	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	2407	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2413	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2421	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3001	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2414	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	2418	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3000	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3004	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	MF Units at the 112th "Y"																
	3010	MF Units at Y	4	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56

112th SE Bypass Alternative (B3)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units north of "Y", south of Bellefield Park	3010	MF Units at Y	4	69	2	Yes	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	3010	MF Units at Y	4	67	2	Yes	No	57	Ldn	63	68	--	--	No Wall	N/A	No	57
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4024	Lot	0	60	2	No	No	61	Ldn	58	64	0	--	Potential Sound Wall	N/A	No	55
Bellefield Park	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	51
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	64	2	No	No	62	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	63	2	No	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
	4050	MF units at Bellefield Park	2	65	2	No	No	63	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	3	63	2	No	No	58	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	55
	4050	MF units at Bellefield Park	4	64	2	No	No	64	Ldn	61	66	4	--	Potential Sound Wall	N/A	Yes	61
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	63	2	No	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	54
SF Units along 111th Place	4050	MF units at Bellefield Park	2	64	2	No	No	64	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	58
	4050	MF units at Bellefield Park	2	63	2	No	No	63	Ldn	60	66	2	--	Potential Sound Wall	N/A	No	57
	4065	SF residence	1	62	2	No	No	59	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	53
	4063	SF residence	1	66	2	No	No	67	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	60
	4067	SF residence	1	66	2	No	No	68	Ldn	62	68	--	1	Potential Sound Wall	N/A	No	59
	4074	SF residence	1	66	2	No	No	68	Ldn	62	68	--	1	Potential Sound Wall	N/A	No	59
	4079	SF residence	1	65	2	No	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	56
	4084	SF residence	1	65	2	No	No	68	Ldn	61	67	--	1	Potential Sound Wall	N/A	No	59
	5000	SF residence	1	65	2	No	No	66	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	57
	5006	SF residence	1	65	2	No	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	55
	5013	SF residence	1	65	2	No	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	54
	5021	SF residence	1	65	2	No	No	62	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	53
	5026	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	5036	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	5039	SF residence	1	66	2	No	No	59	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	50
	5050	SF residence	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48

B3 - 114th Extension Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	1217	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2001	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2003	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2008	Lot	0	69	2	No	No	66	Ldn	64	70	0	--	Potential Sound Wall	N/A	No	58
	2012	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2015 E	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	9819	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2017	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2023	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2026	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2030	SF residence	1	69	2	No	Yes	72	Ldn	64	70	--	1	Potential Sound Wall	Special	No	59
Same as above, second row																	
	1209	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2000	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2015 W	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	9820	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2021	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2032	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2036	SF residence	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	2038	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
Triangle North of SE 30th																	
	2040	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2049	SF residence	1	69	2	No	Yes	68	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	2061	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2073	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2094	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2045	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2055	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2050	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2054	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2060	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	49
	2070	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2078	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
Receptors on 112th Ave SE and near Station Area																	
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2124	SF residence	1	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52

B3 - 114th Extension Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Same as above, second row	2144	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2160	SF residence	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	2178	Lot	0	69	2	Yes	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2193	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2210	SF residence	1	69	2	Yes	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2225	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2235	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
	2116	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	2130	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2137	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2146	SF residence	1	65	2	Yes	No	54	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	45
	2166	SF residence	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2170	SF residence	1	65	2	Yes	No	53	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	44
Receptors from 23rd St to 25th St	2181	SF residence	1	65	2	Yes	No	55	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	46
	2183	SF residence	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	2211	SF residence	1	67	2	Yes	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2230	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2246	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2252	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2265	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2275	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2284	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2288	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2296	SF residence	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2300	SF residence	1	69	2	No	No	68	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	59
	2306	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	58
	2254	SF residence	1	65	2	No	No	56	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	47
Same as above, second row	2251	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2271	SF residence	1	67	2	No	No	58	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	49
	2289	SF residence	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	2297	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	2307	SF residence	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
25th St to 112th "Y"	2317	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2326	SF residence	1	69	2	No	No	67	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	2333	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2345	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	No Wall	N/A	Yes	64
	2351	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2361	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2367	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2375	Displacement	0	69	2	No	No	67	Ldn	64	70	0	--	No Wall	N/A	Yes	67
	2384	Displacement	0	69	2	No	No	64	Ldn	64	70	0	--	No Wall	N/A	Yes	64
	2397	Displacement	0	69	2	No	No	66	Ldn	64	70	0	--	No Wall	N/A	Yes	66
	2378	SF residence	1	69	2	No	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	2385	SF residence	1	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	2393	SF residence	1	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	2401	SF residence	1	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
MF Units at the 112th "Y"	2407	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2413	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2421	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	3001	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1	--	No Wall	N/A	Yes	65
	2414	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	2418	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3000	SF residence	1	69	2	Yes	No	59	Ldn	64	70	--	--	No Wall	N/A	No	59
	3004	SF residence	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	3010	MF Units at Y	4	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	3010	MF Units at Y	4	69	2	Yes	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56

B3 - 114th Extension Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Units north of "Y", south of Bellefield Park	3010	MF Units at Y	4	69	2	Yes	No	54	Ldn	64	70	--	--	No Wall	N/A	No	54
	3010	MF Units at Y	4	67	2	Yes	No	57	Ldn	63	68	--	--	No Wall	N/A	No	57
	4000	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4001	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4004	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4005	SF up hill on retaining wall, north of Apts	1	60	2	No	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	56
	4007	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4010	SF up hill on retaining wall, north of Apts	1	60	2	No	No	61	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	4017	SF up hill on retaining wall, north of Apts	1	60	2	No	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	4024	Lot	0	60	2	No	No	61	Ldn	58	64	0	--	Potential Sound Wall	N/A	No	55
Bellefield Park	4025	SF up hill on retaining wall, north of Apts	1	60	2	No	No	56	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	50
	4029	SF up hill on retaining wall, north of Apts	1	60	2	No	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	51
	4050	MF units at Bellefield Park	2	64	2	No	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	64	2	No	No	62	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	63	2	No	No	56	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	50
	4050	MF units at Bellefield Park	2	65	2	Yes	No	66	Ldn	61	67	2	--	Potential Sound Wall	N/A	No	60
	4050	MF units at Bellefield Park	3	63	2	No	No	61	Ldn	60	66	3	--	Potential Sound Wall	N/A	No	58
	4050	MF units at Bellefield Park	4	64	2	Yes	No	64	Ldn	61	66	4	--	Potential Sound Wall	N/A	Yes	61
	4050	MF units at Bellefield Park	2	64	2	Yes	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	57
	4050	MF units at Bellefield Park	2	63	2	Yes	No	59	Ldn	60	66	--	--	Potential Sound Wall	N/A	No	53
SF Units along 111th Place	4050	MF units at Bellefield Park	2	64	2	Yes	No	63	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	56
	4050	MF units at Bellefield Park	2	63	2	No	No	61	Ldn	60	66	2	--	Potential Sound Wall	N/A	No	55
	4065	SF residence	1	62	2	Yes	No	58	Ldn	59	65	--	--	Potential Sound Wall	N/A	No	51
	4063	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	4067	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	4074	SF residence	1	66	2	Yes	No	61	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	54
	4079	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	52
	4084	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	53
	5000	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	52
	5006	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	5013	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	5021	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	No Wall	N/A	No	59
	5026	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	No Wall	N/A	No	59
	5036	SF residence	1	65	2	No	No	58	Ldn	61	67	--	--	No Wall	N/A	No	58
	5039	SF residence	1	66	2	No	No	57	Ldn	62	68	--	--	No Wall	N/A	No	57
	5050	SF residence	1	64	2	No	No	57	Ldn	61	66	--	--	No Wall	N/A	No	57

BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
	1087	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1103	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	1137	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1152/3	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1164	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1172	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1182	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1195	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	56
Same as above, second row																	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	48
	1106	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1136	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1163	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1175	SF residence	1	65	2	No	No	59	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	50
	1177	SF residence	1	65	2	No	No	60	Ldn	61	67	--	--	Potential Sound Wall	N/A	No	51
	1194	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
	1202	SF residence	1	65	2	No	No	61	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	52
Receivers East of 112th to SE 30th and 111th																	
	1210	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	1217	SF residence	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF residence	1	69	2	No	No	65	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	56
	2003	SF residence	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	2008	Lot	0	69	2	No	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
	2012	SF residence	1	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	1209	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
	2000	SF residence	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
MF Units: Emerald Ridge Condominiums (3000 118th Ave S - 180 units, 16 3-story buildings)																	
	6097	MF Residence	8	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	6097	MF Residence	4	64	2	No	Yes	59	Ldn	61	66	--	--	Potential Sound Wall	Special	No	52
	6097	MF Residence	4	64	2	No	Yes	65	Ldn	61	66	4	--	Potential Sound Wall	Special	No	56
	6097	MF Residence	10	64	2	No	Yes	66	Ldn	61	66	--	10	Potential Sound Wall	Special	No	57
	6097	MF Residence	10	64	2	No	Yes	66	Ldn	61	66	--	10	Potential Sound Wall	Special	No	57
	6097	MF Residence	10	64	2	No	Yes	66	Ldn	61	66	--	10	Potential Sound Wall	Special	No	57
	6097	MF Residence	6	64	2	No	No	65	Ldn	61	66	6	--	Potential Sound Wall	N/A	No	59
	6097	MF Residence	2	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
MF Units: Townhomes (1 bldg., 6 - 2-story units)																	
	6176	MF Residence	4	64	2	No	No	61	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	55
MF Units: Mercer Park Condominiums (2680 118TH AVE SE, 17 Buildings, 3 story, 122 units)																	
	6209	MF Residence	4	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	6209	MF Residence	9	64	2	No	No	64	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	58
	6209	MF Residence	4	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	6209	MF Residence	9	64	2	No	No	67	Ldn	61	66	--	9	Potential Sound Wall	N/A	No	60
	6209	MF Residence	9	64	2	No	No	65	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	58
	6209	MF Residence	9	64	2	No	No	65	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	58
	6209	MF Residence	9	64	2	No	No	61	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	54
	6209	MF Residence	9	64	2	No	No	67	Ldn	61	66	--	9	Potential Sound Wall	N/A	No	60
	6209	MF Residence	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	58
	6209	MF Residence	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	59
	6209	MF Residence	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	59
	6209	MF Residence	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	59

BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
MF Units: Condominiums North End (1600 118th Ave SE - 6 bldgs., 50 units)																	
	6394	MF Residence	9	64	2	No	No	65	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	58
	6394	MF Residence	9	64	2	No	No	66	Ldn	61	66	--	9	Potential Sound Wall	N/A	No	57
	6394	MF Residence	12	64	2	No	No	63	Ldn	61	66	12	--	Potential Sound Wall	N/A	No	54
	6394	MF Residence	9	64	2	No	No	62	Ldn	61	66	9	--	Potential Sound Wall	N/A	No	53
	6394	MF Residence	5	64	2	No	No	66	Ldn	61	66	--	5	Potential Sound Wall	N/A	No	57
	6394	MF Residence	6	64	2	No	No	69	Ldn	61	66	--	6	Potential Sound Wall	N/A	No	60

Preferred 108th NE At-Grade Alternative (C11A) from Preferred 112th SE Modified Alternative (B2M)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	2001	SF Second Line	1	67	2	Yes	Yes	63	Ldn	63	68	1	--	Potential Sound Wall	Special	No	57
	2002	SF Third Line	1	64	2	Yes	Yes	58	Ldn	61	66	--	--	Potential Sound Wall	Special	No	51
	4003	SF Second Line	1	67	2	Yes	Yes	66	Ldn	63	68	1	--	Potential Sound Wall	Special	No	56
	4004	SF Third Line	1	64	2	Yes	Yes	59	Ldn	61	66	--	--	Potential Sound Wall	Special	No	51
SF Residences along 111th PL SE	4005	SF Homes Along SE 111th Pl	1	64	2	No	Yes	68	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4007	SF Homes Along SE 111th Pl	1	64	2	No	Yes	68	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4009	SF Homes Along SE 111th Pl	1	64	2	No	Yes	69	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4011	SF Homes Along SE 111th Pl	1	64	2	No	Yes	67	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4015	SF Homes Along SE 111th Pl	1	64	2	No	Yes	68	Ldn	61	66	--	1	Potential Sound Wall	Special	No	58
	4019	SF Homes Along SE 111th Pl	1	64	2	No	Yes	67	Ldn	61	66	--	1	Potential Sound Wall	Special	No	59
	4024	SF Homes Along SE 111th Pl	1	64	2	No	Yes	66	Ldn	61	66	--	1	Potential Sound Wall	Special	No	59
	4028	SF Homes Along SE 111th Pl	1	64	2	No	No	66	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
	4032	SF Homes Along SE 111th Pl	1	64	2	No	No	66	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
	4036	SF Homes Along SE 111th Pl	1	64	2	No	No	66	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
	4040	SF Homes Along SE 111th Pl	1	64	2	No	No	66	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	67	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	58
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	67	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	58
	4044	SF Homes Along SE 111th Pl	1	67	2	No	No	66	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
SF Homes South of Main East of 110th Pl	5009	SF Homes near DT	1	64	2	No	No	64	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	5010	SF Homes near DT	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	5011	SF Homes near DT	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	59
	5017	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	5016	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	5015	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5026	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5025	SF Homes near DT	1	64	2	Yes	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences along 111th Ave SE	5034	SF Homes near DT	1	64	2	Yes	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	5033	SF Homes near DT	1	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	5032	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5031	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5040	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5039	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	5038	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences along 1st Street	5044	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5046	SF Homes near DT	1	67	2	Yes	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5042	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	3068	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	3061	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3076	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	3071	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	3067	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3060	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
MF Residences along 108th Ave SE	3075	Duplex Units	2	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	3072	Duplex Units	2	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
	3069	Duplex Units	2	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	3063	Duplex Units	2	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	56
110th Ave Corridor	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
108th Ave Corridor	C5050	MF Units near Main	12	66	2	Yes	No	65	Ldn	62	68	12	--	No Wall	N/A	Yes	65
	C5051	MF Units near Main	16	66	2	Yes	No	65	Ldn	62	68	16	--	No Wall	N/A	Yes	65

Preferred 108th NE At-Grade Alternative (C11A) from Preferred 112th SE Modified Alternative (B2M)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	C6015	MF Units near 2nd Pl	20	66	2	Yes	No	67	Ldn	62	68	20	--	No Wall	N/A	Yes	67
Multi-Family Residences along NE 6th St																	
	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Hotels																	
	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4020	Bellevue Hilton South	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	4020	Bellevue Hilton North	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	10001	Coast Hotel	36	69	2	No	Yes	80	Ldn	64	70	--	36	Potential Sound Wall	Special	No	61
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	No	No	64	Leq	70	75	--	--	No Wall	N/A	No	64

Preferred 108th NE At-Grade Alternative (C11A) from 112th SE Bypass (B3) or BNSF (B7) Alternative

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave - Front Line Condos																	
	4037	MF Units	5	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	4037	MF Units	4	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	4037	MF Units	4	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
SF Residences along 111th PL SE																	
	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	No Wall	N/A	No	60
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	No Wall	N/A	No	60
	4044	SF Homes Along SE 111th Pl	1	67	2	No	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61
SF Homes South of Main East of 110th Pl																	
	4045	SF Homes Along SE 111th Pl	1	69	2	No	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	5009	SF Homes near DT	1	64	2	No	No	64	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	5010	SF Homes near DT	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
SF Residences on 110th Place SE																	
	5011	SF Homes near DT	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5018	SF Homes near DT	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	59
	5017	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
SF Residences along 111th Ave SE																	
	5016	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	5015	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5026	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
SF Residences along 111th Ave SE																	
	5025	SF Homes near DT	1	64	2	Yes	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5034	SF Homes near DT	1	64	2	Yes	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
SF Residences along 1st Street																	
	5033	SF Homes near DT	1	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	5032	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5031	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences along 108th Ave SE																	
	5040	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5039	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	5038	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
MF Residences along 108th Ave SE																	
	5044	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5046	SF Homes near DT	1	67	2	Yes	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5042	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
110th Ave Corridor																	
	3068	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	3061	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3076	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
Multi-Family Residences along NE 6th St																	
	3071	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	3067	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3060	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
Bellevue Lake Condominiums																	
	3075	Duplex Units	2	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	3072	Duplex Units	2	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
	3069	Duplex Units	2	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
108th Ave Corridor																	
	3063	Duplex Units	2	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	56
	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
Bellevue Lake Condominiums																	
	C5050	MF Units near Main	12	66	2	Yes	No	65	Ldn	62	68	12	--	No Wall	N/A	Yes	65
	C5051	MF Units near Main	16	66	2	Yes	No	65	Ldn	62	68	16	--	No Wall	N/A	Yes	65
	C6015	MF Units near 2nd Pl	20	66	2	Yes	No	67	Ldn	62	68	20	--	No Wall	N/A	Yes	67
Bellevue Lake Condominiums																	
	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55

Preferred 108th NE At-Grade Alternative (C11A) from 112th SE Bypass (B3) or BNSF (B7) Alternative

Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Hotels																	
	4020	Bellevue Hilton South	18	71	2	No	No	67	Ldn	66	71	18	--	No Wall	N/A	Yes	67
	4020	Bellevue Hilton North	18	71	2	No	No	67	Ldn	66	71	18	--	No Wall	N/A	Yes	67
	10001	Coast Hotel	36	69	2	No	Yes	80	Ldn	64	70	--	36	Potential Sound Wall	Special	No	61
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	No	No	64	Leq	70	75	--	--	No Wall	N/A	No	64

Preferred 110th NE Tunnel Alternative (C9T) from Preferred 112th SE Modified Alternative (B2M)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	2001	SF Second Line	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	Yes	63
	2002	SF Third Line	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	4003	SF Second Line	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	Yes	63
	4004	SF Third Line	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
SF Residences along 111th PL SE	4005	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4007	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4009	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4011	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4015	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4019	SF Homes Along SE 111th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4024	SF Homes Along SE 111th Pl	1	64	2	No	Yes	64	Ldn	61	66	1	--	Potential Sound Wall	Special	No	56
	4028	SF Homes Along SE 111th Pl	1	64	2	No	Yes	66	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4032	SF Homes Along SE 111th Pl	1	64	2	No	Yes	68	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4036	SF Homes Along SE 111th Pl	1	64	2	No	Yes	69	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4040	SF Homes Along SE 111th Pl	1	64	2	No	Yes	69	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4041	SF Homes Along SE 111th Pl	1	64	2	No	Yes	67	Ldn	61	66	--	1	Potential Sound Wall	Special	No	56
	4042	SF Homes Along SE 111th Pl	1	64	2	No	Yes	64	Ldn	61	66	1	--	Potential Sound Wall	Special	No	56
	4044	SF Homes Along SE 111th Pl	1	67	2	No	Yes	65	Ldn	63	68	1	--	Potential Sound Wall	Special	No	57
SF Homes South of Main East of 110th Pl	5009	SF Homes near DT	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	5010	SF Homes near DT	1	64	2	No	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	5011	SF Homes near DT	1	64	2	No	No	48	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	43
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	5017	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	No Wall	N/A	No	52
	5016	SF Homes near DT	1	64	2	Yes	No	50	Ldn	61	66	--	--	No Wall	N/A	No	50
	5015	SF Homes near DT	1	64	2	Yes	No	49	Ldn	61	66	--	--	No Wall	N/A	No	49
	5026	SF Homes near DT	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	5025	SF Homes near DT	1	64	2	Yes	No	51	Ldn	61	66	--	--	No Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	49	Ldn	61	66	--	--	No Wall	N/A	No	49
Multi-Family Residences along NE 6th St	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Hotels	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4020	Bellevue Hilton South	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	4020	Bellevue Hilton North	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	10001	Coast Hotel	36	69	2	No	Yes	79	Ldn	64	70	--	36	Potential Sound Wall	Special	No	60
Meydenbauer Center	9005	Performing Arts Center	1	69	1	No	No	65	Leq	70	75	--	--	No Wall	N/A	No	65

Preferred 110th NE Tunnel Alternative (C9T) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave - Front Line Condos	4037	MF Units	5	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4037	MF Units	4	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4037	MF Units	4	69	2	No	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	4037	MF Units	4	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
SF Residences along 111th PL SE	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	54
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	54
	4044	SF Homes Along SE 111th Pl	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	4045	SF Homes Along SE 111th Pl	1	69	2	No	No	62	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	53
SF Homes South of Main East of 110th Pl	5009	SF Homes near DT	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	5010	SF Homes near DT	1	64	2	No	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	5011	SF Homes near DT	1	64	2	No	No	48	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	43
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	No	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	5017	SF Homes near DT	1	64	2	No	No	51	Ldn	61	66	--	--	No Wall	N/A	No	51
	5016	SF Homes near DT	1	64	2	No	No	49	Ldn	61	66	--	--	No Wall	N/A	No	49
	5015	SF Homes near DT	1	64	2	No	No	48	Ldn	61	66	--	--	No Wall	N/A	No	48
	5026	SF Homes near DT	1	67	2	No	No	55	Ldn	63	68	--	--	No Wall	N/A	No	55
	5025	SF Homes near DT	1	64	2	No	No	50	Ldn	61	66	--	--	No Wall	N/A	No	50
	5024	SF Homes near DT	1	64	2	No	No	48	Ldn	61	66	--	--	No Wall	N/A	No	48
Multi-Family Residences along NE 6th St	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Hotels	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4020	Bellevue Hilton South	18	69	2	No	No	65	Ldn	64	70	18	--	No Wall	N/A	Yes	65
	4020	Bellevue Hilton North	18	69	2	No	No	65	Ldn	64	70	18	--	No Wall	N/A	Yes	65
	10001	Coast Hotel	36	69	2	No	Yes	79	Ldn	64	70	--	36	Potential Sound Wall	Special	No	60
Meydenbauer Center	9005	Performing Arts Center	1	69	1	No	No	65	Leq	70	75	--	--	No Wall	N/A	No	65

Alternative C9T - East Main Station Design Option

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	2001	SF Second Line	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	Yes	63
	2002	SF Third Line	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	4003	SF Second Line	1	67	2	Yes	No	67	Ldn	63	68	1	--	Potential Sound Wall	N/A	Yes	63
	4004	SF Third Line	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
SF Residences along 111th PL SE	4005	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4007	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4009	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4011	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4015	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4019	SF Homes Along SE 111th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4024	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4028	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4032	SF Homes Along SE 111th Pl	1	64	2	Yes	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4036	SF Homes Along SE 111th Pl	1	64	2	Yes	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4040	SF Homes Along SE 111th Pl	1	64	2	Yes	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4041	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4042	SF Homes Along SE 111th Pl	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	4044	SF Homes Along SE 111th Pl	1	67	2	Yes	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
SF Homes South of Main East of 110th Pl	5009	SF Homes near DT	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	5010	SF Homes near DT	1	64	2	No	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	5011	SF Homes near DT	1	64	2	No	No	48	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	43
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	5017	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	No Wall	N/A	No	52
	5016	SF Homes near DT	1	64	2	Yes	No	50	Ldn	61	66	--	--	No Wall	N/A	No	50
	5015	SF Homes near DT	1	64	2	Yes	No	49	Ldn	61	66	--	--	No Wall	N/A	No	49
	5026	SF Homes near DT	1	67	2	Yes	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	5025	SF Homes near DT	1	64	2	Yes	No	51	Ldn	61	66	--	--	No Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	49	Ldn	61	66	--	--	No Wall	N/A	No	49
Multi-Family Residences along NE 6th St	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Hotels	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4001	Bellevue Club Rooms	16	68	2	Yes	No	61	Ldn	63	69	--	--	No Wall	N/A	No	61
	4020	Bellevue Hilton South	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	4020	Bellevue Hilton North	18	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	10001	Coast Hotel	36	69	2	No	Yes	79	Ldn	64	70	--	36	Potential Sound Wall	Special	No	60
Meydenbauer Center	9005	Performing Arts Center	1	69	1	No	No	65	Leq	70	75	--	--	No Wall	N/A	No	65

Bellevue Way Tunnel Alternative (C1T) from Bellevue Way Alternative (B1)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
West Side of Bellevue Way, Segment B to Tunnel																	
	1000	MF north of SE 6th	5	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	1005	Displacement	8	64	2	No	No	55	Ldn	61	66	--	--	No Wall	N/A	No	55
	1008	Displacement	1	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	1008	Displacement	1	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	1012	2nd Row MF	16	64	2	No	No	55	Ldn	61	66	--	--	No Wall	N/A	No	55
	1015	MF Units	8	67	2	No	No	56	Ldn	63	68	--	--	No Wall	N/A	No	56
	1017	Displacement	1	69	2	No	No	55	Ldn	64	70	--	--	No Wall	N/A	No	55
	1024	MF Units	1	69	2	No	No	49	Ldn	64	70	--	--	No Wall	N/A	No	49
East Side of Bellevue Way, Segment B to Tunnel																	
	1004	Two "L" shaped MF Bldgs.	10	69	2	No	No	58	Ldn	64	70	--	--	No Wall	N/A	No	58
	1007	MF Units on Bellevue Way	6	69	2	No	No	56	Ldn	64	70	--	--	No Wall	N/A	No	56
	1009	MF Units on Bellevue Way	4	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	1011	MF Units on Bellevue Way	12	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	1014	MF Units on Bellevue Way	6	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
Multi-Family Residences along NE 6th St																	
	C8031	MF Bravern	48	67	2	Yes	No	64	Ldn	63	68	48	--	No Wall	N/A	Yes	64
Coast Hotel																	
	10001	Coast Hotel	36	69	2	No	Yes	82	Ldn	64	70	--	36	Potential Sound Wall	Special	No	61
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	8	58	2	No	No	65	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	55
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	Yes	No	65	Leq	70	75	--	--	No Wall	N/A	No	65

106th NE Tunnel Alternative (C2T) from 112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Multi-Family Residences along NE 6th St																	
	C8031	MF Bravern	48	67	2	No	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	8	58	2	No	No	63	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
Hotels																	
	10001	Coast Hotel	36	69	2	No	Yes	80	Ldn	64	70	--	36	Potential Sound Wall	Special	No	59
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	No	No	66	Leq	70	75	--	--	No Wall	N/A	No	66

106th NE Tunnel Alternative (C2T) from 112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	4000	SF Intersection	1	69	2	No	Yes	73	Ldn	64	70	--	1	Potential Sound Wall	Special	No	57
	2001	SF Second Line	1	67	2	No	Yes	64	Ldn	63	68	1	--	Potential Sound Wall	Special	No	52
	2002	SF Third Line	1	64	2	No	Yes	58	Ldn	61	66	--	--	Potential Sound Wall	Special	No	48
	4002	SF Intersection	1	69	2	No	Yes	73	Ldn	64	70	--	1	Potential Sound Wall	Special	No	57
	4003	SF Second Line	1	67	2	No	Yes	64	Ldn	63	68	1	--	Potential Sound Wall	Special	No	52
	4004	SF Third Line	1	64	2	No	Yes	58	Ldn	61	66	--	--	Potential Sound Wall	Special	No	48
112th Ave - Front Line Condos	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	70	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	70	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	65	Ldn	64	70	3	--	Potential Sound Wall	Special	No	54
	4014	MF Units	3	69	2	No	Yes	66	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	5	69	2	No	No	66	Ldn	64	70	5	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	4	69	2	No	No	65	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	56
	4037	MF Units	4	69	2	No	No	65	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	56
	4037	MF Units	4	69	2	No	No	63	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
	4005	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4007	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
SF Residences along 111th PL SE	4011	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4015	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4019	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4028	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4032	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4036	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4040	SF Homes Along SE 111th Pl	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	4044	SF Homes Along SE 111th Pl	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	4045	SF Homes Along SE 111th Pl	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	5009	Displacement	0	64	2	No	No	62	Ldn	61	66	0	--	Potential Sound Wall	N/A	No	52
	5010	Displacement	0	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5011	Displacement	0	64	2	No	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
Multi-Family Residences along NE 6th St	C8031	MF Bravern	48	67	2	No	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	63	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	54
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	54
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	54
Hotels	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16	--	Potential Sound Wall	Special	No	55
	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16	--	Potential Sound Wall	Special	No	55
	4020	Bellevue Hilton South	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4020	Bellevue Hilton North	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	10001	Coast Hotel	36	69	2	No	Yes	80	Ldn	64	70	--	36	Potential Sound Wall	Special	No	59
Meydenbauer Center	9005	Performing Arts Center	1	69	1	No	No	47	Leq	70	75	--	--	No Wall	N/A	No	47

106th NE Tunnel Alternative (C2T) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Multi-Family Residences along NE 6th St																	
	C8031	MF Bravern	48	67	2	No	No	65	Ldn	63	68	48	--	No Wall	N/A	Yes	65
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	8	58	2	No	No	63	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
Hotels	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
	4020	Bellevue Hilton South	18	71	2	No	No	71	Ldn	66	71	--	18	Potential Sound Wall	N/A	No	62
	4020	Bellevue Hilton North	18	71	2	No	No	68	Ldn	66	71	18	--	Potential Sound Wall	N/A	No	61
	10001	Coast Hotel	36	69	2	No	Yes	80	Ldn	64	70	--	36	Potential Sound Wall	Special	No	59
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	No	No	66	Leq	70	75	--	--	No Wall	N/A	No	66

108th NE Tunnel Alternative (C3T) from 112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Residences Along NE 12th Street	8061	SF residences north of NE 12th	1	64	2	No	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	8064	SF residences north of NE 12th	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	8071	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8078	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8083	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	9018	SF residences north of NE 12th	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
MF Residences Along NE 12th Street	8084	SF residences north of NE 12th	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52
	8055	MF Building 11011 NE 12th St	14	67	2	No	No	60	Ldn	63	68	--	--	No Wall	N/A	No	60
	9017	Verona Apartments, West Bldg	15	67	2	No	No	63	Ldn	63	68	15	--	Potential Sound Wall	N/A	No	57
	9017	Verona Apartments, East Bldg	6	67	2	No	No	64	Ldn	63	68	6	--	Potential Sound Wall	N/A	No	55
Medical	9024	Overlake Hospital (childbirth)	1	67	2	No	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62

108th NE Tunnel Alternative (C3T) from 112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	4000	SF Intersection	1	69	2	No	Yes	73	Ldn	64	70	--	1	Potential Sound Wall	Special	No	57
	2001	SF Second Line	1	67	2	No	Yes	64	Ldn	63	68	1	--	Potential Sound Wall	Special	No	52
	2002	SF Third Line	1	64	2	No	Yes	58	Ldn	61	66	--	--	Potential Sound Wall	Special	No	48
	4002	SF Intersection	1	69	2	No	Yes	73	Ldn	64	70	--	1	Potential Sound Wall	Special	No	57
	4003	SF Second Line	1	67	2	No	Yes	64	Ldn	63	68	1	--	Potential Sound Wall	Special	No	52
	4004	SF Third Line	1	64	2	No	Yes	58	Ldn	61	66	--	--	Potential Sound Wall	Special	No	48
112th Ave - Front Line Condos	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	70	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	70	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	65	Ldn	64	70	3	--	Potential Sound Wall	Special	No	54
	4014	MF Units	3	69	2	No	Yes	66	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	5	69	2	No	No	66	Ldn	64	70	5	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	4	69	2	No	No	65	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	56
	4037	MF Units	4	69	2	No	No	65	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	56
	4037	MF Units	4	69	2	No	No	63	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
	4005	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4007	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
SF Residences along 111th PL SE	4011	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4015	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4019	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4028	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4032	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4036	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4040	SF Homes Along SE 111th Pl	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	4044	SF Homes Along SE 111th Pl	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	4045	SF Homes Along SE 111th Pl	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	5009	Displacement	0	64	2	No	No	62	Ldn	61	66	0	--	Potential Sound Wall	N/A	No	52
	5010	Displacement	0	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5011	Displacement	0	64	2	No	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences Along NE 12th Street	8061	SF residences north of NE 12th	1	64	2	No	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	8064	SF residences north of NE 12th	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	8071	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8078	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8083	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	9018	SF residences north of NE 12th	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	8084	SF residences north of NE 12th	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52
MF Residences Along NE 12th Street	8055	MF Building 11011 NE 12th St	14	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	9017	Verona Apartments, West Bldg.	15	67	2	No	No	63	Ldn	63	68	15	--	Potential Sound Wall	N/A	No	54
	9017	Verona Apartments, East Bldg.	6	67	2	No	No	64	Ldn	63	68	6	--	Potential Sound Wall	N/A	No	55
Medical	9024	Overlake Hospital (childbirth)	1	67	2	No	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62
Hotels	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16	--	Potential Sound Wall	Special	No	55
	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16	--	Potential Sound Wall	Special	No	55
	4020	Bellevue Hilton South	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4020	Bellevue Hilton North	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60

108th NE Tunnel Alternative (C3T) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
SF Residences Along NE 12th Street																	
	8061	SF residences north of NE 12th	1	64	2	No	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	8064	SF residences north of NE 12th	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	8071	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8078	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
	8083	SF residences north of NE 12th	1	64	2	No	No	63	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	56
MF Residences Along NE 12th Street	9018	SF residences north of NE 12th	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	8084	SF residences north of NE 12th	1	69	2	No	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52
	8055	MF Building 11011 NE 12th St	14	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	9017	Verona Apartments, West Bldg	15	67	2	No	No	63	Ldn	63	68	15	--	Potential Sound Wall	N/A	No	54
	9017	Verona Apartments, East Bldg	6	67	2	No	No	64	Ldn	63	68	6	--	Potential Sound Wall	N/A	No	55
Medical																	
	9024	Overlake Hospital (childbirth)	1	67	2	No	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62
Hotels																	
	4020	Bellevue Hilton South	18	71	2	No	No	71	Ldn	66	71	--	18	Potential Sound Wall	N/A	No	62
	4020	Bellevue Hilton North	18	71	2	No	No	68	Ldn	66	71	18	--	Potential Sound Wall	N/A	No	61

Couplet Alternative (C4A) from 112th SE At-Grade Alternative (B2A) or 112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th	4000	SF Intersection	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF Second Line	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2002	SF Third Line	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	4002	SF Intersection	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	4003	SF Second Line	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	4004	SF Third Line	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
112th Ave - Front Line Condos	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	No	63	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
	4014	MF Units	3	69	2	No	No	66	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4014	MF Units	3	69	2	No	Yes	67	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	67	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4037	MF Units	5	69	2	No	Yes	70	Ldn	64	70	--	5	Potential Sound Wall	Special	No	57
	4037	MF Units	4	69	2	No	Yes	71	Ldn	64	70	--	4	Potential Sound Wall	Special	No	56
	4037	MF Units	4	69	2	No	Yes	70	Ldn	64	70	--	4	Potential Sound Wall	Special	No	56
	4037	MF Units	4	69	2	No	Yes	67	Ldn	64	70	4	--	Potential Sound Wall	Special	No	54
SF Residences along 111th PL SE	4005	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4007	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4009	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4011	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4015	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4019	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4028	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4032	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4036	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4040	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	50
	4041	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	50
	4042	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	49
	4044	SF Homes Along SE 111th Pl	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
	4045	SF Homes Along SE 111th Pl	1	69	2	No	Yes	67	Ldn	64	70	1	--	Potential Sound Wall	Special	No	55
SF Homes South of Main East of 110th Pl	5006	SF Homes near DT	1	67	2	Yes	Yes	68	Ldn	63	68	--	1	Potential Sound Wall	Special	No	57
	5009	SF Homes near DT	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	5010	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
	5011	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	Yes	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	58
	5017	SF Homes near DT	1	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	5016	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5015	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5026																
	5025	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences along 111th Ave SE	5034																
	5033	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5032	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	5031	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5040	SF Homes near DT	1	67	2	Yes	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	55
	5039	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5038	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
SF Residences along 1st Street	5044	SF Homes near DT	1	67	2	Yes	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	52
	5046	SF Homes near DT	1	67	2	Yes	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	55
	5042	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46

Couplet Alternative (C4A) from 112th SE At-Grade Alternative (B2A) or 112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	3068	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	45
	3061	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	44
	3076	SF Homes near DT	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	51
	3071	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3067	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
	3060	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
MF Residences along 108th Ave SE																	
	3075	Duplex Units	2	64	2	Yes	No	57	Ldn	61	66	--	--	No Wall	N/A	No	57
	3072	Duplex Units	2	64	2	Yes	No	55	Ldn	61	66	--	--	No Wall	N/A	No	55
	3069	Duplex Units	2	64	2	Yes	No	54	Ldn	61	66	--	--	No Wall	N/A	No	54
	3063	Duplex Units	2	64	2	Yes	No	52	Ldn	61	66	--	--	No Wall	N/A	No	52
	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
110th Ave Corridor																	
	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C5021	MF - Sir Gallahad 110th at Main	8	66	2	Yes	No	64	Ldn	62	68	8	--	No Wall	N/A	Yes	64
	C6015	MF - Pinnacle Bell Centre	4	66	2	Yes	No	62	Ldn	62	68	4	--	No Wall	N/A	Yes	62
	C6015	MF - Pinnacle Bell Centre	16	66	2	Yes	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	C8024	MF - Abella on 110th	18	66	2	Yes	No	64	Ldn	62	68	18	--	No Wall	N/A	Yes	64
	C8024	MF - Abella on 110th	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C8031	MF Bravern	48	66	2	Yes	No	64	Ldn	62	68	48	--	No Wall	N/A	Yes	64
	C8037	Marriott Hotel	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C8045	MF Units on 110th (9th to 10th)	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C8051	MF units on 110th (10th to 11th)	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C8051	MF units on 110th (10th to 11th)	12	66	2	Yes	No	62	Ldn	62	68	12	--	No Wall	N/A	Yes	62
	C8054	MF units on 110th at 12th	24	66	2	Yes	No	66	Ldn	62	68	24	--	No Wall	N/A	Yes	66
	C8052	Bellevue Library	1	67	3	Yes	No	64	Leq	69	73	--	--	No Wall	N/A	No	64
108th Ave Corridor																	
	C5050	MF Units near Main	12	66	2	Yes	No	65	Ldn	62	68	12	--	No Wall	N/A	Yes	65
	C5051	MF Units near Main	16	66	2	Yes	No	64	Ldn	62	68	16	--	No Wall	N/A	Yes	64
	C6015	MF Units near 2nd Pl	20	66	2	Yes	No	67	Ldn	62	68	20	--	No Wall	N/A	Yes	67
	C6054	MF Units near 10th	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
	C6056	MF Units near 10th	16	66	2	Yes	No	64	Ldn	62	68	16	--	No Wall	N/A	Yes	64
	C6060	MF Units near 10th	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C6062	MF Units near 12th	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
	C6066	MF Units near 12th	16	66	2	Yes	No	63	Ldn	62	68	16	--	No Wall	N/A	Yes	63
	C6058	MF Units near 10th	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
Units along NE 12th St. west of 110th																	
	6080	Row Houses	4	66	2	Yes	No	63	Ldn	62	68	4	--	Potential Sound Wall	N/A	No	56
	6080	Row Houses	4	66	2	Yes	No	59	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	55
	6083	SF Homes north of 12th	1	67	2	Yes	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	58
	6090	SF Homes north of 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	6089	Displacement	0	67	2	Yes	No	65	Ldn	63	68	0	--	Potential Sound Wall	N/A	No	62
	6102	SF Homes north of 12th	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	6101	SF Homes north of 12th	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	8061	SF Homes north of 12th	1	64	2	Yes	No	65	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	58
	8064	SF Homes north of 12th	1	64	2	Yes	No	67	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
Units along NE 12th St. west of 112th																	
	8071	SF residences north of NE 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	8078	SF residences north of NE 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	54
	8083	SF residences north of NE 12th	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	9018	Displacement	0	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	55
	8084	SF residences north of NE 12th	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
MF Residences Along NE 12th Street																	
	8055	MF Building 11011 NE 12TH ST	14	67	2	No	No	63	Ldn	63	68	14	--	No Wall	N/A	Yes	63
	9017	Verona Apartments, West Bldg.	15	67	2	No	No	63	Ldn	63	68	15	--	Potential Sound Wall	N/A	No	56
	9017	Verona Apartments, East Bldg.	6	67	2	No	No	64	Ldn	63	68	6	--	Potential Sound Wall	N/A	No	55
Medical																	
	9024	Overlake Hospital (childbirth)	1	67	2	No	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62
Hotels																	
	4001	Bellevue Club Rooms	16	68	2	No	No	62	Ldn	63	69	--	--	No Wall	N/A	No	62
	4001	Bellevue Club Rooms	16	68	2	No	No	62	Ldn	63	69	--	--	No Wall	N/A	No	62
	4020	Bellevue Hilton South	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4020	Bellevue Hilton North	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60

Couplet Alternative (C4A) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave - Front Line Condos	4037	MF Units	5	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	4037	MF Units	4	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
	4037	MF Units	4	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
	4037	MF Units	4	69	2	Yes	No	59	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
SF Residences along 111th PL SE	4041	SF Homes Along SE 111th Pl	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
	4042	SF Homes Along SE 111th Pl	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	4044	SF Homes Along SE 111th Pl	1	67	2	Yes	No	57	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	48
	4045	SF Homes Along SE 111th Pl	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	50
SF Homes South of Main East of 110th Pl	5006	SF Homes near DT	1	67	2	Yes	No	66	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	5009	SF Homes near DT	1	64	2	Yes	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	5010	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
	5011	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
SF Residences on 110th Place SE	5018	SF Homes near DT	1	67	2	Yes	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	58
	5017	SF Homes near DT	1	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	5016	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5015	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
SF Residences along 111th Ave SE	5025	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5024	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5033	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	5032	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
SF Residences along 1st Street	5031	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5040	SF Homes near DT	1	67	2	Yes	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	55
	5039	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	5038	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
MF Residences along 108th Ave SE	5044	SF Homes near DT	1	67	2	Yes	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	52
	5046	SF Homes near DT	1	67	2	Yes	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	55
	5042	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	3068	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	45
MF Residences along 108th Ave SE	3061	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	44
	3076	SF Homes near DT	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	51
	3071	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	3067	SF Homes near DT	1	64	2	Yes	No	54	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
MF Residences along 108th Ave SE	3060	SF Homes near DT	1	64	2	Yes	No	52	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	46
	3075	Duplex Units	2	64	2	Yes	No	57	Ldn	61	66	--	--	No Wall	N/A	No	57
	3072	Duplex Units	2	64	2	Yes	No	55	Ldn	61	66	--	--	No Wall	N/A	No	55
	3069	Duplex Units	2	64	2	Yes	No	54	Ldn	61	66	--	--	No Wall	N/A	No	54
110th Ave Corridor	3063	Duplex Units	2	64	2	Yes	No	52	Ldn	61	66	--	--	No Wall	N/A	No	52
	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68	--	--	No Wall	N/A	No	59
	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C5021	MF - Sir Gallahad 110th at Main	8	66	2	Yes	No	64	Ldn	62	68	8	--	No Wall	N/A	Yes	64
C6015	C6015	MF - Pinnacle Bell Centre	4	66	2	Yes	No	62	Ldn	62	68	4	--	No Wall	N/A	Yes	62
	C6015	MF - Pinnacle Bell Centre	16	66	2	Yes	No	59	Ldn	62	68	--	--	No Wall	N/A	No	59
	C8024	MF - Abella on 110th	18	66	2	Yes	No	64	Ldn	62	68	18	--	No Wall	N/A	Yes	64
	C8024	MF - Abella on 110th	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
C8031	C8031	MF Bravern	48	66	2	Yes	No	64	Ldn	62	68	48	--	No Wall	N/A	Yes	64
	C8037	Marriott Hotel	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C8045	MF Units on 110th (9th to 10th)	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C8051	MF units on 110th (10th to 11th)	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
C8051	C8051	MF units on 110th (10th to 11th)	12	66	2	Yes	No	62	Ldn	62	68	12	--	No Wall	N/A	Yes	62
	C8054	MF units on 110th at 12th	24	66	2	Yes	No	66	Ldn	62	68	24	--	No Wall	N/A	Yes	66
	C8052	Bellevue Library	1	67	3	Yes	No	64	Leq	69	73	--	--	No Wall	N/A	No	64

Couplet Alternative (C4A) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
108th Ave Corridor	C5050	MF Units near Main	12	66	2	Yes	No	65	Ldn	62	68	12	--	No Wall	N/A	Yes	65
	C5051	MF Units near Main	16	66	2	Yes	No	64	Ldn	62	68	16	--	No Wall	N/A	Yes	64
	C6015	MF Units near 2nd Pl	20	66	2	Yes	No	67	Ldn	62	68	20	--	No Wall	N/A	Yes	67
	C6054	MF Units near 10th	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
	C6056	MF Units near 10th	16	66	2	Yes	No	64	Ldn	62	68	16	--	No Wall	N/A	Yes	64
	C6060	MF Units near 10th	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	C6062	MF Units near 12th	12	66	2	Yes	No	63	Ldn	62	68	12	--	No Wall	N/A	Yes	63
	C6066	MF Units near 12th	16	66	2	Yes	No	63	Ldn	62	68	16	--	No Wall	N/A	Yes	63
Units along NE 12th St. west of 110th	C6058	MF Units near 10th	24	66	2	Yes	No	64	Ldn	62	68	24	--	No Wall	N/A	Yes	64
	6080	Row Houses	4	66	2	Yes	No	63	Ldn	62	68	4	--	Potential Sound Wall	N/A	No	56
	6080	Row Houses	4	66	2	Yes	No	59	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	55
	6083	SF Homes north of 12th	1	67	2	Yes	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	58
	6090	SF Homes north of 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	6089	SF Homes north of 12th	1	67	2	Yes	No	65	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	62
	6102	SF Homes north of 12th	1	65	2	Yes	No	63	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
	6101	SF Homes north of 12th	1	65	2	Yes	No	64	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	59
Units along NE 12th St. west of 112th	8061	SF Homes north of 12th	1	64	2	Yes	No	65	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	58
	8064	SF Homes north of 12th	1	64	2	Yes	No	67	Ldn	61	66	--	1	Potential Sound Wall	N/A	No	59
SF residences north of NE 12th	8071	SF residences north of NE 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	57
	8078	SF residences north of NE 12th	1	64	2	Yes	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	54
	8083	SF residences north of NE 12th	1	64	2	Yes	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	54
	9018	SF residences north of NE 12th	1	69	2	Yes	No	61	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	55
	8084	SF residences north of NE 12th	1	69	2	Yes	No	58	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	51
MF Residences Along NE 12th Street	8055	MF Building 11011 NE 12TH ST	14	67	2	No	No	63	Ldn	63	68	14	--	No Wall	N/A	Yes	63
	9017	Verona Apartments, West Bldg.	15	67	2	No	No	63	Ldn	63	68	15	--	Potential Sound Wall	N/A	No	56
	9017	Verona Apartments, East Bldg.	6	67	2	No	No	64	Ldn	63	68	6	--	Potential Sound Wall	N/A	No	55
Medical	9024	Overlake Hospital (childbirth)	1	67	2	No	No	62	Ldn	63	68	--	--	No Wall	N/A	No	62
Hotels	4020	Bellevue Hilton South	18	71	2	No	No	71	Ldn	66	71	--	18	No Wall	N/A	Yes	71
	4020	Bellevue Hilton North	18	71	2	No	No	68	Ldn	66	71	18	--	No Wall	N/A	Yes	68

112th SE Elevated Alternative (C7E) from 112th SE At-Grade Alternative (B2A) or 112th SE Elevated Alternative (B2E)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th																	
	4000	SF Intersection	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	2001	SF Second Line	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	2002	SF Third Line	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	4002	SF Intersection	1	69	2	No	Yes	69	Ldn	64	70	1	--	Potential Sound Wall	Special	No	57
	4003	SF Second Line	1	67	2	No	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	52
112th Ave - Front Line Condos	4004	SF Third Line	1	64	2	No	Yes	57	Ldn	61	66	--	--	Potential Sound Wall	Special	No	48
	4014	MF Units	3	69	2	No	Yes	70	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	71	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	73	Ldn	64	70	--	3	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	66	Ldn	64	70	3	--	Potential Sound Wall	Special	No	54
	4014	MF Units	3	69	2	No	Yes	68	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	Yes	67	Ldn	64	70	3	--	Potential Sound Wall	Special	No	57
	4014	MF Units	3	69	2	No	No	65	Ldn	64	70	3	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	5	69	2	No	No	66	Ldn	64	70	5	--	Potential Sound Wall	N/A	No	57
	4037	MF Units	4	69	2	No	No	66	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	57
SF Residences along 111th PL SE	4037	MF Units	4	69	2	No	No	66	Ldn	64	70	4	--	Potential Sound Wall	N/A	No	57
	4005	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4007	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4011	SF Homes Along SE 111th Pl	1	64	2	No	Yes	63	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4015	SF Homes Along SE 111th Pl	1	64	2	No	Yes	62	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4019	SF Homes Along SE 111th Pl	1	64	2	No	Yes	61	Ldn	61	66	1	--	Potential Sound Wall	Special	No	51
	4024	SF Homes Along SE 111th Pl	1	64	2	No	Yes	60	Ldn	61	66	--	--	Potential Sound Wall	Special	No	51
	4028	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4032	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4036	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4040	SF Homes Along SE 111th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	4041	SF Homes Along SE 111th Pl	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	4042	SF Homes Along SE 111th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
4044	SF Homes Along SE 111th Pl	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52	
4045	SF Homes Along SE 111th Pl	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55	
SF Homes South of Main East of 110th Pl																	
	5003	SF Homes near DT	1	67	2	No	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	55
	5006	SF Homes near DT	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	5009	SF Homes near DT	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	5010	SF Homes near DT	1	64	2	No	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
MF-SF Units west of 112th Ave NE	5011	SF Homes near DT	1	64	2	No	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
	7007	MF Units 112th at NE 2nd	48	69	2	No	No	66	Ldn	64	70	48	--	Potential Sound Wall	N/A	No	57
	7014	Meydenbauer Apartments	15	69	2	No	No	66	Ldn	64	70	15	--	Potential Sound Wall	N/A	No	57
	7017	Apartments	9	69	2	No	No	66	Ldn	64	70	9	--	Potential Sound Wall	N/A	No	57
	7024	Apartments	48	69	2	No	No	66	Ldn	64	70	48	--	Potential Sound Wall	N/A	No	57
	9009	Apartments	24	69	2	No	No	64	Ldn	64	70	24	--	Potential Sound Wall	N/A	No	55
	9017	Apartments	16	69	2	No	No	65	Ldn	64	70	16	--	Potential Sound Wall	N/A	No	56
	9017	Apartments	8	69	2	No	No	65	Ldn	64	70	8	--	Potential Sound Wall	N/A	No	56
	9018	SF residences north of 112th	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	8084	SF residences north of 112th	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	8082	SF residences north of 112th	1	67	2	No	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	53

112th SE Elevated Alternative (C7E) from 112th SE At-Grade Alternative (B2A) or 112th SE Elevated Alternative (B2E)																	
Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Hotels																	
	4001	Bellevue Club Rooms	16	68	2	No	No	64	Ldn	63	69	16	--	Potential Sound Wall	N/A	No	55
	4001	Bellevue Club Rooms	16	68	2	No	No	64	Ldn	63	69	16	--	Potential Sound Wall	N/A	No	55
	4020	Bellevue Hilton South	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4020	Bellevue Hilton North	18	69	2	No	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	5002	Bellevue Red Lion (112th)	28	70	2	No	No	66	Ldn	65	70	28	--	Potential Sound Wall	N/A	No	57
	5002	Bellevue Red Lion (405)	28	70	2	No	No	64	Ldn	65	70	--	--	Potential Sound Wall	N/A	No	55
	7003	Sheraton Bellevue	60	70	2	No	No	64	Ldn	65	70	--	--	No Wall	N/A	No	64
Medical																	
	9024	Overlake Hospital (childbirth)	1	67	2	Yes	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61

112th SE Elevated Alternative (C7E) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave - Front Line Condos	4037	MF Units	5	69	2	Yes	No	60	Ldn	64	70	--	--	No Wall	N/A	No	60
	4037	MF Units	4	69	2	Yes	No	51	Ldn	64	70	--	--	No Wall	N/A	No	51
	4037	MF Units	4	69	2	Yes	No	61	Ldn	64	70	--	--	No Wall	N/A	No	61
	4037	MF Units	4	69	2	Yes	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
SF Residences along 111th PL SE	4036	SF Homes Along SE 111th Pl	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	4040	SF Homes Along SE 111th Pl	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	4041	SF Homes Along SE 111th Pl	1	64	2	Yes	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
	4042	SF Homes Along SE 111th Pl	1	64	2	Yes	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	4044	SF Homes Along SE 111th Pl	1	67	2	Yes	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	4045	SF Homes Along SE 111th Pl	1	69	2	Yes	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
SF Homes South of Main East of 110th Pl	5003	SF Homes near DT	1	67	2	Yes	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	55
	5006	SF Homes near DT	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	5009	SF Homes near DT	1	64	2	Yes	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
MF-SF Units west of 112th Ave NE	7007	MF Units 112th at NE 2nd	48	69	2	No	No	66	Ldn	64	70	48	--	Potential Sound Wall	N/A	No	57
	7014	Meydenbauer Apartments	15	69	2	No	No	66	Ldn	64	70	15	--	Potential Sound Wall	N/A	No	57
	7017	Apartments	9	69	2	No	No	66	Ldn	64	70	9	--	Potential Sound Wall	N/A	No	57
	7024	Apartments	48	69	2	No	No	66	Ldn	64	70	48	--	Potential Sound Wall	N/A	No	57
	9009	Apartments	24	69	2	No	No	64	Ldn	64	70	24	--	Potential Sound Wall	N/A	No	55
	9017	Apartments	16	69	2	No	No	65	Ldn	64	70	16	--	Potential Sound Wall	N/A	No	56
	9017	Apartments	8	69	2	No	No	65	Ldn	64	70	8	--	Potential Sound Wall	N/A	No	56
	9018	SF residences north of 112th	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	8084	SF residences north of 112th	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	8082	SF residences north of 112th	1	67	2	No	No	62	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	53
Hotels	4020	Bellevue Hilton South	18	69	2	No	No	66	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	57
	4020	Bellevue Hilton North	18	69	2	No	No	67	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	58
	7003	Sheraton Bellevue	60	70	2	No	No	64	Ldn	65	70	--	--	Potential Sound Wall	N/A	No	55
Medical	9024	Overlake Hospital (childbirth)	1	67	2	Yes	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61

110th Ave NE Elevated Alternative (C8E) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
MF-SF Units west of 112th Ave NE	7004	MF Units 112th at NE 2nd	36	69	2	No	No	64	Ldn	64	70	36	--	Potential Sound Wall	N/A	No	55
	7007	MF Units 112th at NE 2nd	24	69	2	No	No	71	Ldn	64	70	--	24	Potential Sound Wall	N/A	No	62
	7007	MF Units 112th at NE 2nd	24	69	2	No	No	68	Ldn	64	70	24	--	Potential Sound Wall	N/A	No	59
	7008	MF Units 112th at NE 2nd	24	69	2	No	No	71	Ldn	64	70	--	24	Potential Sound Wall	N/A	No	62
	7009	MF Units 112th at NE 2nd	24	69	2	No	No	71	Ldn	64	70	--	24	Potential Sound Wall	N/A	No	62
	7014	Meydenbauer Alarments	15	69	2	No	No	62	Ldn	64	70	--	--	No Wall	N/A	No	62
	7017	Apartments	9	69	2	No	No	57	Ldn	64	70	--	--	No Wall	N/A	No	57
	6015	Apartments	20	66	2	No	No	66	Ldn	62	68	20	--	Potential Sound Wall	N/A	No	57
	8024	MF - Abella on 110th	12	66	2	No	No	67	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	58
	8031	MF Bravern	48	66	2	Yes	No	66	Ldn	62	68	48	--	Potential Sound Wall	N/A	No	56
	8037	Marriott Hotel	24	66	2	No	No	67	Ldn	62	68	24	--	Potential Sound Wall	N/A	No	58
	8045	MF Units on 110th (9th to 10th)	24	66	2	No	No	67	Ldn	62	68	24	--	Potential Sound Wall	N/A	No	58
	8051	MF units on 110th (10th to 11th)	12	66	2	No	No	67	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	58
	8051	MF units on 110th (10th to 11th)	12	66	2	No	No	67	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	58
	8054	MF units on 110th (10th to 11th)	12	66	2	No	No	64	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	55
SF Units North of NE 12th Street	8055	MF units on 110th at 12th	24	66	2	No	No	66	Ldn	62	68	24	--	Potential Sound Wall	N/A	No	57
	8052	Bellevue Library	1	67	3	No	No	66	Leq	69	73	--	--	Potential Sound Wall	N/A	No	57
	6101	SF units north of NE 12th St	1	67	2	No	No	59	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	50
	6099	SF units north of NE 12th St	1	64	2	No	No	56	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	47
	8062	SF units north of NE 12th St	1	69	2	No	No	66	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	57
	8061	SF units north of NE 12th St	1	67	2	No	No	61	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	8060	SF units north of NE 12th St	1	64	2	No	No	57	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	48
	8063	SF units north of NE 12th St	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	8064	SF units north of NE 12th St	1	67	2	No	No	64	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	55
	8065	SF units north of NE 12th St	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	8066	SF units north of NE 12th St	1	64	2	No	No	58	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	49
	8071	SF units north of NE 12th St	1	67	2	No	No	66	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	8072	SF units north of NE 12th St	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
	8073	SF units north of NE 12th St	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	8078	SF units north of NE 12th St	1	67	2	No	No	66	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
Hotels	8083	SF units north of NE 12th St	1	67	2	No	No	66	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	57
	8079	SF units north of NE 12th St	1	64	2	No	No	59	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	50
	8084	SF units north of NE 12th St	1	69	2	No	No	69	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	60
	8082	SF units north of NE 12th St	1	67	2	No	No	63	Ldn	63	68	1	--	Potential Sound Wall	N/A	No	54
	9019	SF units north of NE 12th St	1	67	2	No	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	51
	4020	Bellevue Hilton South	18	69	2	No	No	66	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	57
	4020	Bellevue Hilton North	18	69	2	No	No	66	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	57
Medical	7003	Sheraton Bellevue	60	71	2	No	No	69	Ldn	66	71	60	--	Potential Sound Wall	N/A	No	60
	9024	Overlake Hospital (childbirth)	1	67	2	Yes	No	61	Ldn	63	68	--	--	No Wall	N/A	No	61

110th NE At-Grade Alternative (C9A) from 112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Single Family Residences near SE 4th Ave																	
	C4000	SF Res near SE 4th Yard	1	69	2	Yes	Yes	74	Ldn	64	70	--	1	Potential Sound Wall	Special	No	60
	C2001	SF Res near SE 4th Yard	1	67	2	Yes	Yes	63	Ldn	63	68	1	--	Potential Sound Wall	Special	No	53
	C2002	SF Res near SE 4th Yard	1	64	2	Yes	Yes	59	Ldn	61	66	--	--	Potential Sound Wall	Special	No	51
	C4002	SF Res near SE 4th Yard	1	69	2	Yes	Yes	70	Ldn	64	70	--	1	Potential Sound Wall	Special	No	60
	C4003	SF Res near SE 4th Yard	1	67	2	Yes	Yes	62	Ldn	63	68	--	--	Potential Sound Wall	Special	No	53
	C4004	SF Res near SE 4th Yard	1	64	2	Yes	Yes	56	Ldn	61	66	--	--	Potential Sound Wall	Special	No	49
	C4005	SF Res near SE 4th Yard	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	53
	C4007	SF Res near SE 4th Yard	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	52
	C4009	SF Res near SE 4th Yard	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
Multi-Family Residences, North of SE 4th Ave to SE 1st Pl																	
	C4014	MF Units along SE 112th	2	70	2	No	No	68	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	59
	C4014	MF Units along SE 112th	1	70	2	No	No	68	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	59
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65	70	1	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	3	70	2	No	No	67	Ldn	65	70	3	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
	C4037	MF Units along SE 112th	2	70	2	No	No	67	Ldn	65	70	2	--	Potential Sound Wall	N/A	No	58
Single Family Residences along SE 1st Pl																	
	C4044	SF units on SE 1st PL	1	66	2	Yes	No	58	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	49
	C4045	SF units on SE 1st PL	1	69	2	No	No	64	Ldn	64	70	1	--	Potential Sound Wall	N/A	No	55
	C5006	SF units on SE 1st PL	1	69	2	Yes	No	63	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
	C5009	SF units on SE 1st PL	1	67	2	Yes	No	60	Ldn	63	68	--	--	Potential Sound Wall	N/A	No	52
	C5010	SF units on SE 1st PL	1	62	2	Yes	No	60	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	51
Single Family Residences South of Main, west of 112th Ave SE																	
	C5018	SF on 110th PL	1	62	2	Yes	No	67	Ldn	59	65	--	1	Potential Sound Wall	N/A	Yes	61
	C5017	SF on 110th PL	1	59	2	Yes	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	C5016	SF on 110th PL	1	59	2	Yes	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	C5026	SF on 110th PL	1	62	2	Yes	No	66	Ldn	59	65	--	1	Potential Sound Wall	N/A	Yes	60
	C5025	SF on 110th PL	1	59	2	Yes	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	C5024	SF on 110th PL	1	59	2	Yes	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	52
	C5034	SF on 110th Ave SE	1	62	2	Yes	No	63	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	56
	C5033	SF on 110th Ave SE	1	59	2	Yes	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	50
	C5032	SF on 110th Ave SE	1	59	2	Yes	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	49
	C5040	SF on 110th Ave SE	1	62	2	Yes	No	60	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	53
Multi-Family Residences along 110th Ave NE																	
	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C5021	MF - Sir Gallahad 110th at Main	8	66	2	Yes	No	65	Ldn	62	68	8	--	No Wall	N/A	Yes	65
	C6015	MF - Pinnacle Bell Centre	4	66	2	Yes	No	62	Ldn	62	68	4	--	No Wall	N/A	Yes	62

110th NE At-Grade Alternative (C9A) from 112th SE At-Grade Alternative (B2A)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	C6015	MF - Pinnacle Bell Centre	16	66	2	Yes	No	61	Ldn	62	68	--	--	No Wall	N/A	No	61
	C8024	MF - Abella on 110th	18	66	2	Yes	No	64	Ldn	62	68	18	--	No Wall	N/A	Yes	64
	C8024	MF - Abella on 110th	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
Multi-Family Residences along NE 6th St																	
	C8031	MF Bravern	48	67	2	Yes	No	67	Ldn	63	68	48	--	No Wall	N/A	Yes	67
Coast Hotel																	
	10001	Coast Hotel	36	69	2	No	Yes	82	Ldn	64	70	--	36	Potential Sound Wall	Special	No	62
Bellevue Lake Condominiums																	
	10045	Bellevue Lake Condos	8	58	2	No	No	66	Ldn	57	63	--	8	Potential Sound Wall	N/A	Yes	59
	10045	Bellevue Lake Condos	4	58	2	No	No	65	Ldn	57	63	--	4	Potential Sound Wall	N/A	Yes	58
	10045	Bellevue Lake Condos	4	58	2	No	No	65	Ldn	57	63	--	4	Potential Sound Wall	N/A	Yes	58
Bellevue Club Hotel																	
	4001	Bellevue Club Rooms	16	68	2	Yes	Yes	65	Ldn	63	69	16	--	No Wall	Special	No	62
	4001	Bellevue Club Rooms	16	68	2	Yes	Yes	65	Ldn	63	69	16	--	No Wall	Special	No	62
Meydenbauer Center																	
	9005	Performing Arts Center	1	69	1	Yes	No	63	Leq	70	75	--	--	No Wall	N/A	No	63

110th NE At-Grade Alternative (C9A) from 112th SE Bypass Alternative (B3) or BNSF Alternative (B7)

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Single & Multi-Family Residences near Main	C4037	MF Units along SE 112th	3	70	2	Yes	No	60	Ldn	65	70	--	--	No Wall	N/A	No	60
	C4037	MF Units along SE 112th	2	70	2	Yes	No	60	Ldn	65	70	--	--	No Wall	N/A	No	60
	C4037	MF Units along SE 112th	2	70	2	Yes	No	60	Ldn	65	70	--	--	No Wall	N/A	No	60
	C4037	MF Units along SE 112th	2	70	2	Yes	No	60	Ldn	65	70	--	--	No Wall	N/A	No	60
	C4037	MF Units along SE 112th	2	70	2	Yes	No	61	Ldn	65	70	--	--	No Wall	N/A	No	61
	C4037	MF Units along SE 112th	2	70	2	Yes	No	61	Ldn	65	70	--	--	No Wall	N/A	No	61
	C4037	MF Units along SE 112th	2	70	2	Yes	No	62	Ldn	65	70	--	--	No Wall	N/A	No	62
Single Family Residences along SE 1st Pl	C4037	MF Units along SE 112th	2	70	2	Yes	No	62	Ldn	65	70	--	--	No Wall	N/A	No	62
	C4044	SF units on SE 1st PL	1	66	2	Yes	No	58	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	48
	C4045	SF units on SE 1st PL	1	69	2	Yes	No	63	Ldn	64	70	--	--	No Wall	N/A	No	63
	C5006	SF units on SE 1st PL	1	69	2	Yes	No	63	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	54
	C5009	SF units on SE 1st PL	1	69	2	Yes	No	60	Ldn	64	70	--	--	Potential Sound Wall	N/A	No	52
	C5010	SF units on SE 1st PL	1	62	2	Yes	No	60	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	51
Single Family Residences south of Main, west of 112th Ave SE	C5018	SF on 110th PL	1	62	2	Yes	No	68	Ldn	59	65	--	1	Potential Sound Wall	N/A	Yes	61
	C5017	SF on 110th PL	1	59	2	Yes	No	62	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	55
	C5016	SF on 110th PL	1	59	2	Yes	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	53
	C5026	SF on 110th PL	1	62	2	Yes	No	66	Ldn	59	65	--	1	Potential Sound Wall	N/A	Yes	60
	C5025	SF on 110th PL	1	59	2	Yes	No	60	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	54
	C5024	SF on 110th PL	1	59	2	Yes	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	52
	C5034	SF on 110th Ave SE	1	62	2	Yes	No	64	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	56
	C5033	SF on 110th Ave SE	1	59	2	Yes	No	59	Ldn	58	64	1	--	Potential Sound Wall	N/A	No	50
	C5032	SF on 110th Ave SE	1	59	2	Yes	No	57	Ldn	58	64	--	--	Potential Sound Wall	N/A	No	49
	C5040	SF on 110th Ave SE	1	62	2	Yes	No	60	Ldn	59	65	1	--	Potential Sound Wall	N/A	No	53
Multi-Family Residences along 110th Ave NE	C5021	MF - Sir Gallahad 110th at Main	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
	C5021	MF - Sir Gallahad 110th at Main	8	66	2	Yes	No	65	Ldn	62	68	8	--	No Wall	N/A	Yes	65
	C6015	MF - Pinnacle Bell Centre	4	66	2	Yes	No	62	Ldn	62	68	4	--	No Wall	N/A	Yes	62
	C6015	MF - Pinnacle Bell Centre	16	66	2	Yes	No	61	Ldn	62	68	--	--	No Wall	N/A	No	61
	C8024	MF - Abella on 110th	18	66	2	Yes	No	64	Ldn	62	68	18	--	No Wall	N/A	Yes	64
	C8024	MF - Abella on 110th	12	66	2	Yes	No	64	Ldn	62	68	12	--	No Wall	N/A	Yes	64
Multi-Family Residences along NE 6th St	C8031	MF Bravern	48	67	2	Yes	No	67	Ldn	63	68	48	--	No Wall	N/A	Yes	67
	10001	Coast Hotel	36	69	2	No	Yes	82	Ldn	64	70	--	36	Potential Sound Wall	Special	No	62
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	66	Ldn	57	63	--	8	Potential Sound Wall	N/A	Yes	59
	10045	Bellevue Lake Condos	4	58	2	No	No	65	Ldn	57	63	--	4	Potential Sound Wall	N/A	Yes	58
	10045	Bellevue Lake Condos	4	58	2	No	No	65	Ldn	57	63	--	4	Potential Sound Wall	N/A	Yes	58
Hilton Hotel	4020	Bellevue Hilton South	18	69	2	No	No	65	Ldn	64	70	18	--	No Wall	N/A	Yes	65
	4020	Bellevue Hilton North	18	69	2	No	No	65	Ldn	64	70	18	--	No Wall	N/A	Yes	65
Meydenbauer Center	9005	Performing Arts Center	1	69	1	Yes	No	63	Leq	70	75	--	--	No Wall	N/A	No	63

114th Avenue NE Elevated Alternative (C14E) from 112th SE Bypass (B3) or BNSF (B7) Alternative

Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Bellevue Sheraton Hotel	7003	Bellevue Sheraton Hotel	60	71	2	No	No	72	Ldn	66	71	--	60	Potential Sound Wall	N/A	No	63
Coast Hotel	10001	Coast Hotel	36	69	2	No	Yes	82	Ldn	64	70	--	36	Potential Sound Wall	Special	No	62
	10001	Coast Hotel Pool	1	69	3	No	Yes	63	Leq	70	75	--	--	Potential Sound Wall	Special	No	52
Bellevue Lake Condominiums	10045	Bellevue Lake Condos	8	58	2	No	No	63	Ldn	57	63	--	8	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
	10045	Bellevue Lake Condos	4	58	2	No	No	63	Ldn	57	63	--	4	Potential Sound Wall	N/A	No	56
Hilton Hotel	4020	Bellevue Hilton South	18	69	2	No	No	65	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	56
	4020	Bellevue Hilton North	18	69	2	No	No	65	Ldn	64	70	18	--	Potential Sound Wall	N/A	No	56

Preferred NE 16th At-Grade Alternative (D2A) from Preferred 108th NE At-Grade (C11A) or Preferred 110th NE Tunnel (C9T) Alternative																	
Receiver and Data Input Section						Impact Analysis						Project Mitigation					
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D2A	1205	PNB	1	56	3	Yes	No	62	Leq	63	68	--	--	N/A	N/A	No	62

D2A - 120th Station and NE 24th Design Options from <i>Preferred 108th NE At-Grade (C11A)</i> or <i>Preferred 110th NE Tunnel (C9T) Alternative</i>																	
Receiver and Data Input Section						Impact Analysis							Project Mitigation				
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D2A DO	1205	PNB	1	56	3	Yes	No	62	Leq	63	68	--	--	N/A	N/A	No	62

NE 16th Elevated Alternative (D2E) from 108th NE Tunnel (C3T), Couplet (C4A), 112th SE Elevated (C7E), or 110th NE Elevated (C8E) Alternative																	
Receiver and Data Input Section						Impact Analysis							Project Mitigation				
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D2E																	
	1002	Children's Hospital	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	1205	PNB	1	56	3	No	No	63	Leq	63	68	1	--	No	N/A	Yes	68

NE 16th Elevated Alternative (D2E) from Bellevue Way Tunnel (C1T) or 106th NE Tunnel (C2T) Alternative

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D2E																	
D2E	1205	PNB	1	56	3	No	No	63	Leq	63	68	1	--	No	No	Yes	63

NE 20th Alternative (D3) from 108th NE Tunnel (C3T), Couplet (C4A), 112th SE Elevated (C7E), or 110th NE Elevated (C8E) Alternative																	
Receiver and Data Input Section						Impact Analysis							Project Mitigation				
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D3																	
	1002	Children's Hospital	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	4230	Silver Cloud Inn Hotel	24	65	2	Yes	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1205	PNB	1	56	3	Yes	No	62	Leq	63	68	--	--	No Wall	N/A	No	62

NE 20th Alternative (D3) from Bellevue Way Tunnel (C1T) or 106th NE Tunnel (C2T) Alternative

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D3																	
	4230	Silver Cloud Inn Hotel	24	65	2	Yes	No	54	Ldn	61	67	--	--	No Wall	N/A	No	54
	1205	PNB	1	56	3	Yes	No	62	Leq	63	68	--	--	No Wall	N/A	No	62

SR 520 Alternative (D5) from 108th NE Tunnel (C3T), Couplet (C4A), 112th SE Elevated (C7E), or 110th NE Elevated (C8E) Alternative																	
Receiver and Data Input Section						Impact Analysis							Project Mitigation				
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D5																	
	1002	Children's Hospital	1	65	2	Yes	No	65	Ldn	61	67	1	--	Potential Sound Wall	N/A	No	58
	2132	Apartments (12628 Northup Way)	10	70	2	No	No	73	Ldn	65	70	--	10	Potential Sound Wall	N/A	No	64

SR 520 Alternative (D5) from Bellevue Way Tunnel (C1T) or 106th NE Tunnel (C2T) Alternative

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
D5	2132	Apartments (12628 Northup Way)	10	70	2	No	No	73	Ldn	65	70	--	10	Potential Sound Wall	N/A	No	64

Preferred Marymoor Alternative (E2) from All Segment D Alternatives

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Along SR520 from Segment D	1708	SF Residence on NE 67th Pl	1	64	2	No	No	64	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	1718	SF Residence on NE 67th Pl	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	1730	SF Residence on NE 67th Pl	1	68	2	No	No	70	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	61
	1733	SF Residence on NE 67th Pl	1	68	2	No	No	70	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	61
	1737	SF Residence on NE 67th Pl	1	68	2	No	No	69	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	60
	1738, 4000	SF Residence on NE 67th Pl	1	68	2	No	No	69	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	60
	4001	SF Residence on NE 67th Pl	1	68	2	No	No	67	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	58
	4002	SF Residence on NE 67th Pl	1	68	2	No	No	65	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	56
	4003	SF Residence on NE 67th Pl	1	68	2	No	No	64	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	55
Second Line homes same area as above																	
	1719	SF Residence on NE 67th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	1728	SF Residence on NE 67th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	1731	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
Condos along the Bluff																	
	1736	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
New Condos Between Bear Creek Pkwy and Cleveland St at Brown St																	
Redmond Town Center/Redmond Way Hotels	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	59	Ldn	61	66	--	--	No Wall	N/A	No	59
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	58	Ldn	61	66	--	--	No Wall	N/A	No	58
Marymoor Park	2173	The Cleveland Condominiums	48	64	2	Yes	Yes	66	Ldn	61	66	--	48	No Wall	Special	No	60
	2180	The Cleveland Condominiums	48	64	2	Yes	Yes	69	Ldn	61	66	--	48	No Wall	Special	Yes	61
	5002	Name Unknown	48	64	2	Yes	Yes	67	Ldn	61	66	--	48	No Wall	Special	No	60
Marymoor Park																	
	6047	Redmond TC Hotel (Lion)	24	64	2	Yes	Yes	65	Ldn	61	66	24	--	No Wall	Special	Yes	63
	4020	Baseball area	1	68	3	No	No	66	Leq	69	74	--	--	No Wall	N/A	No	66
	4026	Field near crossover	1	68	3	No	Yes	66	Leq	69	74	--	--	No Wall	Special	No	62

Redmond Way Alternative (E1) from All Segment D Alternatives

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Along SR520 from Segment D	1708	SF Residence on NE 67th Pl	1	64	2	No	No	65	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	58
	1718	SF Residence on NE 67th Pl	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	1730	SF Residence on NE 67th Pl	1	68	2	No	No	70	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	61
	1733	SF Residence on NE 67th Pl	1	68	2	No	No	69	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	60
	1737	SF Residence on NE 67th Pl	1	68	2	No	No	67	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	59
	1738, 4000	SF Residence on NE 67th Pl	1	68	2	No	No	66	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	57
	4001	SF Residence on NE 67th Pl	1	68	2	No	No	64	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	55
	4002	SF Residence on NE 67th Pl	1	68	2	No	No	63	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	54
	4003	SF Residence on NE 67th Pl	1	68	2	No	No	62	Ldn	63	69	--	--	Potential Sound Wall	N/A	No	53
Second Line homes same area as above																	
	1719	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
	1728	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	1731	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
Condos along the Bluff	1736	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	64	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	55
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	62	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	53
	2000	MF units on Bluff above W Lake Samm	2	64	2	No	No	64	Ldn	61	66	2	--	Potential Sound Wall	N/A	No	55
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
Condos along the Bluff to the West	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	65	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	56
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	69	Ldn	61	66	--	4	Potential Sound Wall	N/A	No	60
MF on Leary																	
	2112	MF units on Bluff above W Lake Samm	4	64	2	No	No	63	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	54
	2112	MF units on Bluff above W Lake Samm	4	64	2	No	No	62	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	53
MF on Lake Sam	2112	MF units on Bluff above W Lake Samm	4	64	2	No	No	61	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	52
	3001	MF units on Leary Way	4	66	2	No	No	59	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	50
MF on Lake Sam	3001	MF units on Leary Way	4	66	2	No	No	54	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	46
	3001	MF units on Leary Way	4	66	2	No	No	54	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	45
Hotel and MF units off Redmond Way at Bear Creek Pkwy	3000	MF units on W Lake Samm	2	66	2	No	No	55	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	46
	3000	MF units on W Lake Samm	2	66	2	No	No	56	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	47
	3000	MF units on W Lake Samm	2	66	2	No	No	60	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	51
	3000	MF units on W Lake Samm	2	66	2	No	No	61	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	52
	3000	MF units on W Lake Samm	2	66	2	No	No	61	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	52
	3000	MF units on W Lake Samm	2	66	2	No	No	62	Ldn	62	68	2	--	Potential Sound Wall	N/A	No	53
New Condos Between Bear Creek Pkwy and Cleveland St at Brown St																	
	2149	Hotel Sierra Redmond- Redmond Way	24	64	2	No	No	65	Ldn	61	66	24	--	Potential Sound Wall	N/A	No	56
	2149	Condos/MF units (NEW)	48	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
Redmond Town Center/Redmond Way Hotels	2149	Condos/MF units (NEW)	48	64	2	No	No	62	Ldn	61	66	48	--	Potential Sound Wall	N/A	No	53
	2173	The Cleveland Condominiums	48	64	2	Yes	No	67	Ldn	61	66	--	48	No Wall	N/A	Yes	67
	2180	The Cleveland Condominiums	48	64	2	Yes	No	67	Ldn	61	66	--	48	No Wall	N/A	Yes	67
Redmond Town Center/Redmond Way Hotels	5002	Name Unknown	48	64	2	Yes	No	67	Ldn	61	66	--	48	No Wall	N/A	Yes	67
														No Wall			
														No Wall			
														No Wall			
Redmond Town Center/Redmond Way Hotels	6047	Redmond TC Hotel (Lion)	24	64	2	Yes	No	64	Ldn	61	66	24	--	No Wall	N/A	Yes	64
	6225	Redmond Inn Hotel	24	68	2	No	No	66	Ldn	63	69	24	--	Potential Sound Wall	N/A	No	57

E2 - Redmond Transit Center Design Option from All Segment D Alternatives

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Along SR520 from Segment D	1708	SF Residence on NE 67th Pl	1	64	2	No	No	64	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	1718	SF Residence on NE 67th Pl	1	66	2	No	No	65	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	56
	1730	SF Residence on NE 67th Pl	1	68	2	No	No	70	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	61
	1733	SF Residence on NE 67th Pl	1	68	2	No	No	70	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	61
	1737	SF Residence on NE 67th Pl	1	68	2	No	No	69	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	60
	1738, 4000	SF Residence on NE 67th Pl	1	68	2	No	No	69	Ldn	63	69	--	1	Potential Sound Wall	N/A	No	60
	4001	SF Residence on NE 67th Pl	1	68	2	No	No	67	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	58
	4002	SF Residence on NE 67th Pl	1	68	2	No	No	65	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	56
	4003	SF Residence on NE 67th Pl	1	68	2	No	No	64	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	55
Second Line homes same area as above																	
	1719	SF Residence on NE 67th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	1728	SF Residence on NE 67th Pl	1	64	2	No	No	62	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	53
	1731	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
Condos along the Bluff																	
	1736	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	59	Ldn	61	66	--	--	No Wall	N/A	No	59
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	58	Ldn	61	66	--	--	No Wall	N/A	No	58
New Condos Between Bear Creek Pkwy and Cleveland St at Brown St																	
	2173	The Cleveland Condominiums	48	64	2	Yes	No	56	Ldn	61	66	--	--	No Wall	N/A	No	56
	2180	The Cleveland Condominiums	48	64	2	Yes	No	67	Ldn	61	66	--	48	No Wall	N/A	Yes	67
	5002	Name Unknown	48	64	2	Yes	Yes	70	Ldn	61	66	--	48	No Wall	Special	Yes	64
Redmond Town Center/Redmond Way Hotels														No Wall			
	6047	Redmond TC Hotel (Lion)	24	64	2	Yes	No	64	Ldn	61	66	24	--	No Wall	N/A	Yes	64
Marymoor Park																	
	4020	Baseball area	1	68	3	No	No	66	Leq	69	74	--	--	No Wall	N/A	No	66
Condos Near RTC																	
	4026	Field near crossover	1	68	3	No	Yes	66	Leq	69	74	--	--	No Wall	Special	No	62
	5048	New MF near station	48	66	2	Yes	No	66	Ldn	62	68	48	--	No Wall	N/A	Yes	66

Leary Way Alternative (E4) from All Segment D Alternatives

Receiver and Data Input Section						Impact Analysis								Project Mitigation			
Parcel #, Description, Existing Noise Levels and FTA Category						Noise Sources		Project	Analysis	FTA Criteria		Number		Type of mitigation proposed			Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Along SR520 from Segment D	1708	SF Residence on NE 67th Pl	1	64	2	No	No	64	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	55
	1718	SF Residence on NE 67th Pl	1	66	2	No	No	63	Ldn	62	68	1	--	Potential Sound Wall	N/A	No	54
	1730	SF Residence on NE 67th Pl	1	68	2	No	No	68	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	59
	1733	SF Residence on NE 67th Pl	1	68	2	No	No	67	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	59
	1737	SF Residence on NE 67th Pl	1	68	2	No	No	67	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	58
	1738, 4000	SF Residence on NE 67th Pl	1	68	2	No	No	66	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	57
	4001	SF Residence on NE 67th Pl	1	68	2	No	No	64	Ldn	63	69	1	--	Potential Sound Wall	N/A	No	55
	4002	SF Residence on NE 67th Pl	1	68	2	No	No	62	Ldn	63	69	--	--	Potential Sound Wall	N/A	No	53
	4003	SF Residence on NE 67th Pl	1	68	2	No	No	61	Ldn	63	69	--	--	Potential Sound Wall	N/A	No	53
Second Line homes same area as above																	
	1719	SF Residence on NE 67th Pl	1	64	2	No	No	61	Ldn	61	66	1	--	Potential Sound Wall	N/A	No	52
	1728	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
	1731	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
Condos along the Bluff	1736	SF Residence on NE 67th Pl	1	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
MF on Leary	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	62	Ldn	61	66	4	--	Potential Sound Wall	N/A	No	54
	2000	MF units on Bluff above W Lake Samm	4	64	2	No	No	60	Ldn	61	66	--	--	Potential Sound Wall	N/A	No	51
MF on Leary																	
	3001	MF units on Leary Way	12	66	2	No	No	67	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	58
	3001	MF units on Leary Way	12	66	2	No	No	64	Ldn	62	68	12	--	Potential Sound Wall	N/A	No	55
MF on Lake Samm	3001	MF units on Leary Way	8	66	2	No	No	68	Ldn	62	68	--	8	Potential Sound Wall	N/A	No	59
	3000	MF units on W Lake Samm	2	66	2	No	No	66	Ldn	62	68	2	--	Potential Sound Wall	N/A	No	57
	3000	MF units on W Lake Samm	2	66	2	No	No	64	Ldn	62	68	2	--	Potential Sound Wall	N/A	No	55
	3000	MF units on W Lake Samm	2	66	2	No	No	62	Ldn	62	68	2	--	Potential Sound Wall	N/A	No	53
	3000	MF units on W Lake Samm	2	66	2	No	No	57	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	48
	3000	MF units on W Lake Samm	2	66	2	No	No	56	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	47
Redmond Town Center/Redmond Way Hotels	3000	MF units on W Lake Samm	2	66	2	No	No	56	Ldn	62	68	--	--	Potential Sound Wall	N/A	No	47
	6047	Redmond TC Hotel (Lion)	24	64	2	Yes	No	73	Ldn	61	66	--	24	No Wall	N/A	Yes	73
	6225	Redmond Inn Hotel	24	68	2	Yes	No	64	Ldn	63	69	24	--	Potential Sound Wall	N/A	No	54

Bellevue Way Alternative (B1) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
Receivers east of 112th to SE 30th and 111th							
	2012	2031	SF residence	66	66	1	Insulation
	2015 E	2032	SF residence	66	66	1	Insulation
	9819	2033	SF residence	66	67	1	Insulation
	2017	2034	SF residence	66	68	1	Insulation
	2023	2035	SF residence	66	68	1	Insulation
	2026	2036	SF residence	66	70	1	Insulation
	2030	2028	SF residence	66	72	1	Insulation
Triangle north of SE 30th							
	2040	2040	SF residence	66	71	1	Insulation
	2049	2041	SF residence	66	72	1	Insulation
	2061	2043	SF residence	66	72	1	Insulation
	2073	2044	SF residence	66	72	1	Insulation
	2094	2046	SF residence	66	72	1	Insulation
	2078	2044	SF residence	66	68	1	Insulation
Receptors on 112th Ave SE and near Station Area							
	2144	2049	SF residence	66	68	1	Insulation
	2160	2050	SF residence	66	71	1	Insulation
	2178	2052	Lot	66	72	0	Insulation
	2193	2053	SF residence	66	71	1	Insulation
	2210	2054	SF residence	66	72	1	Insulation
	2225	2055	SF residence	66	72	1	Insulation
	2235	2056	SF residence	66	72	1	Insulation
Same as above, second row							
	2166	2050	SF residence	66	67	1	Insulation
	2181	2052	SF residence	66	71	1	Insulation
	2183	2052	SF residence	66	66	1	Insulation
Receptors from 23rd St to 25th St							
	2246	2057	SF residence	66	72	1	Insulation
	2252	2058	SF residence	66	72	1	Insulation
	2265	2058	SF residence	66	72	1	Insulation
	2275	2059	SF residence	66	72	1	Insulation
	2284	2060	SF residence	66	72	1	Insulation
	2288	2061	SF residence	66	72	1	Insulation
	2296	2062	SF residence	66	72	1	Insulation
	2300	2063	SF residence	66	72	1	Insulation
	2306	2064	SF residence	66	72	1	Insulation
25th St to 112th Y							
	2317	2065	SF residence	66	72	1	Insulation
	2326	2066	SF residence	66	72	1	Insulation
	2333	2067	SF residence	66	72	1	Insulation
	2345	2068	SF residence	66	72	1	Insulation
	2351	2068	SF residence	66	66	1	Insulation
	2361	2070	SF residence	66	72	1	Insulation
	2375	2071	Displacement	66	72	0	
	2384	2072	Displacement	66	72	0	

Bellevue Way Alternative (B1) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
	2397	2073	Displacement	66	72	0	
	2385	2072	SF residence	66	67	1	Insulation
	2393	2072	SF residence	66	72	1	Insulation
	2401	2073	SF residence	66	72	1	Insulation
	2407	2074	SF residence	66	72	1	Insulation
	2413	2075	SF residence	66	72	1	Insulation
	2421	2076	SF residence	66	72	1	Insulation
	3001	2077	SF residence	66	72	1	Insulation
MF Units at the 112th "Y"							
	3010	2081	MF Units at Y	66	71	4	Insulation
	3010	2083	MF Units at Y	66	71	4	Insulation
W of Alignment from S 19th St to SE 16th							
	3109	2087	SF residence	66	66	1	Insulation
	3133	2089	MF Units	66	67	4	Insulation
	3133	2090	MF Units	66	71	2	Insulation
	3133	2091	MF Units	66	72	2	Insulation
Pool at 112th, 2nd Row							
	3147	2090	SF residence	66	67	1	Insulation
	3165	2091	SF residence	66	70	1	Insulation
	3183	2092	SF residence	66	72	1	Insulation
E side, S of SE 16th St							
	3097	2086	SF residence	66	71	1	Insulation
	3110	2087	SF residence	66	66	1	Insulation
	3150	2091	SF residence	66	71	1	Insulation
	3170	2091	SF residence	66	71	1	Insulation
E side, SE 16th St to just North of SE 13th St							
	3223	2095	MF Residence	66	71	4	Insulation
	3246	2096	MF Residence	66	70	4	Insulation
	3246	2097	MF Residence	66	70	4	Insulation
	3267	2098	MF Residence	66	71	4	Insulation
	3267	2099	MF Residence	66	71	4	Insulation
	3288	2100	SF residence	66	68	1	Insulation
	3300	2100	SF residence	66	71	1	Insulation
	3319	2102	SF residence	66	66	1	Insulation
W side from 16 St to 11th St							
	3204	2093	Displacement	66	71	0	
	3220	2095	SF residence	66	72	1	Insulation
	3237	2096	SF residence	66	72	1	Insulation
	3252	2097	Displacement	66	72	0	
	9823	2099	SF residence	66	72	1	Insulation
	3302	2100	SF residence	66	72	1	Insulation
	3329	2102	Displacement	66	72	0	
	3368	2104	Church Bldg	66	72	1	Insulation
	3387	2106	Church Bldg	66	67	1	Insulation
Same as above, 2nd and 3rd rows							
	3208	2093	SF residence	66	72	1	Insulation

Bellevue Way Alternative (B1) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
	3215	2094	SF residence	66	65		
	3226	2095	Lot	66	66	0	Insulation
	3257	2097	SF residence	66	68	1	Insulation
	9824	2098	SF residence	66	72	1	Insulation
	9825	2098	SF residence	66	68	1	Insulation
	9826	2099	SF residence	66	70	1	Insulation
	3334	2300	SF residence	66	72	1	Insulation
East side, S of SE 11th to 10th							
	3339	2103	SF residence	66	72	1	Insulation
	3362	2104	SF residence	66	72	1	Insulation
	3376	2105	SF residence	66	72	1	Insulation
	3396	2107	SF residence	66	72	1	Insulation
	3403	2107	SF residence	66	72	1	Insulation
	3415	2108	SF residence	66	72	1	Insulation
	3423	2109	SF residence	66	72	1	Insulation
	3432	2110	SF residence	66	72	1	Insulation
	3447	2110	SF residence	66	72	1	Insulation
Same as above, 2nd/3rd rows							
	3355	2104	SF residence	66	66	1	Insulation
West side, 11th St to 8th St							
	3434	2108	Church Bldg	66	72	1	Insulation
East side 10th to 8th							
	3493	2114	Displacement	66	72	0	
West side 10th to 8th							
	3501	2115	Lot	66	67	0	Insulation
	3508	2116	SF residence	66	72	1	Insulation
West side, SE 8th to 6th St							
	3544	2117	SF residence	66	72	1	Insulation
	3561	2118	SF residence	66	72	1	Insulation
	3573	2119	SF residence	66	72	1	
	3600	2120	Displacement	66	72	0	
	3605	2121	Displacement	66	72	0	
Same as above, 2nd and 3rd rows							
	3546	2117	SF residence	66	67	1	Insulation
	3574	2119	SF residence	66	72	1	Insulation
	3575	2119	SF residence	66	70	1	Insulation
	3576	2119	SF residence	66	66	1	Insulation
	3601	2120	SF residence	66	70	1	Insulation
	3606	2121	SF residence	66	68	1	Insulation
East side, SE 8th to N of 6th St							
	3545	2117	Fire Department	66	71	1	Insulation
	3578	2119	SF residence	66	71	1	Insulation
	3578	2119	SF residence	66	67	1	Insulation
	3597	2120	SF residence	66	70	1	Insulation
	3597	2120	SF residence	66	66	1	Insulation
	3597	2121	SF residence	66	67	1	Insulation

Bellevue Way Alternative (B1) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
	3597	2121	SF residence	66	67	1	Insulation
	3597	2121	SF residence	66	67	1	Insulation
	3597	2122	SF residence	66	70	4	Insulation

112th SE At-Grade Alternative (B2A) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
25th St to 112th Y							
	2265	2056	SF Residence	66	67	1	Insulation
	2275	2057	SF Residence	66	67	1	Insulation
	2284	2058	SF Residence	66	68	1	Insulation
	2288	2059	SF Residence	66	68	1	Insulation
	2296	2060	SF Residence	66	68	1	Insulation
	2300	2061	SF Residence	66	68	1	Insulation
	2306	2062	SF Residence	66	68	1	Insulation
	2317	2063	SF Residence	66	68	1	Insulation
	2326	2064	SF Residence	66	68	1	Insulation
	2333	2065	SF Residence	66	68	1	Insulation
	2345	2066	SF Residence	66	68	1	Insulation
	2351	2066	SF Residence	66	65		
	2361	2068	SF Residence	66	67	1	Insulation
	2367	2068	SF Residence	66	64		
	2375	2070	Displacement	66	70	0	
	2384	2070	Displacement	66	70	0	
	2397	2071	Displacement	66	71	0	
	2401	2072	SF Residence	66	66	1	Insulation
	2407	2072	SF Residence	66	67	1	Insulation
	2413	2073	SF Residence	66	69	1	Insulation
	2421	2075	SF Residence	66	69	1	Insulation
	3001	2075	SF Residence	66	70	1	Insulation

112th SE Bypass Alternative (B3) and B3 - 114th Extension Design Option- Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
25th St to 112th Y							
	2265	2056	SF Residence	66	67	1	Insulation
	2275	2057	SF Residence	66	67	1	Insulation
	2284	2058	SF Residence	66	68	1	Insulation
	2288	2059	SF Residence	66	68	1	Insulation
	2296	2060	SF Residence	66	68	1	Insulation
	2300	2061	SF Residence	66	68	1	Insulation
	2306	2062	SF Residence	66	68	1	Insulation
	2317	2063	SF Residence	66	68	1	Insulation
	2326	2064	SF Residence	66	68	1	Insulation
	2333	2065	SF Residence	66	68	1	Insulation
	2345	2066	SF Residence	66	68	1	Insulation
	2351	2066	SF Residence	66	65		
	2361	2068	SF Residence	66	67	1	Insulation
	2367	2068	SF Residence	66	64		
	2375	2070	Displacement	66	70	0	
	2384	2070	Displacement	66	70	0	
	2397	2071	Displacement	66	71	0	
	2401	2072	SF Residence	66	66	1	Insulation
	2407	2072	SF Residence	66	67	1	Insulation
	2413	2073	SF Residence	66	69	1	Insulation
	2421	2075	SF Residence	66	69	1	Insulation
	3001	2075	SF Residence	66	70	1	Insulation

Bellevue Way Tunnel Alternative (C1T) from Bellevue Way Alternative (B1) - Traffic Noise Impacts

Receiver/Area Information	Parcel	Station	Description	WSDOT Traffic Noise Impact Criteria (dBA)	Future Traffic Noise Levels (dBA Leq)	Traffic Noise Impact	Proposed Noise Mitigation
Westside of Bell Way (widening)							
	1000	3000	MF north of SE 6th	66	67	5	Insulation
	1008 (A)	3003	Displacement	66	67	0	Insulation
	1008 (B)	3004	Displacement	66	67	0	Insulation
	1015	3007	MF Units	66	67	5	Insulation
	1017	3008	Displacement	66	67	0	Insulation
	1024	3010	MF Units	66	67	4	Insulation
	1031	3011	MF ROW House	66	67	1	Insulation
	22347	3011	MF ROW House	66	67	1	Insulation
	22345	3011	MF ROW House	66	67	1	Insulation
	22344	3011	MF ROW House	66	67	1	Insulation

Maintenance Base MF1														
Receiver and Data Input Section								Impact Analysis					Project Mitigation	
Receiver/Area Information								Project Noise	FTA Criteria		Noise Impacts		Mitigation Proposed	Mitigated Level
	Parcel	Description	Use	FTA Cat	Units	Ldn	Dist. NT	Ldn	Mod	Sev	Mod	Sev		
Receivers along 116th														
Front Line	21792	1825 116TH AVE NE	SFR	2	1	58	125	56	57	63	--	--	N/A	N/A
	21674	1815 116TH AVE NE	SFR	2	1	58	125	56	57	63	--	--	N/A	N/A
Second Line	21777	11520 NE 20TH ST	SFR	2	1	56	220	48	56	62	--	--	N/A	N/A
	21790	1854 115TH AVE NE	SFR	2	1	56	220	48	56	62	--	--	N/A	N/A
	21671	1824 115TH AVE NE	SFR	2	1	56	220	48	56	62	--	--	N/A	N/A
	21662	1814 115TH AVE NE	SFR	2	1	56	220	48	56	62	--	--	N/A	N/A
Hospital	1002	Hospital (rear of bldg facing MF1)	Hosp	2	1	58	90	57	57	62	1	--	Sound Wall	50

Appendix F

Supplemental Noise Analyses

Prepared for: Jodi Ketelsen / CH2M HILL

Prepared by: Michael A. Minor

Date: November 10, 2008

Subject: Station Noise Levels and Potential Noise Mitigation

Project: Sound Transit East Link Station Analysis

This memorandum provides a summary of noise levels at existing and proposed East Link light rail stations. As a point of comparison, noise measurements were taken at:

- SR 520 Evergreen Road Flyer Stop (readings taken near the 84th Avenue off-ramp)
- SR 520 Montlake Flyer Stop

Where appropriate, noise abatement measures are discussed. The following stations were examined:

- Rainier Avenue light rail station (I-90 center roadway at the 23rd Avenue over crossing)
- Mercer Island light rail station (I-90 between 77th and 80th Avenues)
- Ashwood/Hospital light rail station (NE 12th Street on overpass above I-405)

Analysis Period

Traffic noise levels on I-90, I-405, and SR-520 are all loudest during mid-day hours of 11:00 a.m. to 3:00 p.m. This is due to the higher speeds and level of truck traffic during daytime hours. Peak commute traffic noise levels on these same highways are typically lower (by 2 to 3 dBA) due to reduced speeds associated with congested highways. Based on these factors, the maximum traffic noise levels during daytime hours were used in the analysis. The analysis also assumes the worst-case, 15-minute headways for the maximum time a person would spend at a platform.

Station Noise Level Guidelines

There are no federal standards for noise exposure on transit passengers at stations due to traffic noise. Sound Transit has established a general design criteria goal of 72 dBA L_{eq} for noise from exterior sources at station platforms. The National Institute for Occupational Safety and Health (NIOSH) standard for workplace noise exposure is 85 dBA for up to 8 hours, or 100 dBA for 15 minutes (NIOSH Publication No. 98-126, Occupational Noise Exposure, June 1998). The EPA states that communication at close proximity (2 to 4 feet) can be understood even with ambient noise levels of 72 to 78 dBA ("Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety," EPA/ONAC 550/9-74-004, March, 1974).

Noise measurements were taken at existing bus flyer stops on SR 520. Noise level for the SR 520 Evergreen Road Flyer Stop are derived from readings taken near the 84th Avenue off-ramp as part of the quiet pavement study. The measurements were taken at 75 feet from SR 520, which is close to the distance for the Evergreen Flyer stop. Noise levels at this distance before the quiet pavement was installed ranged from 72 to 75 dBA L_{eq} during daytime hours (7 a.m. to 7 p.m.), reducing to 64 to 66 dBA L_{eq} after midnight. Current noise levels are 4 to 5 dBA lower than this, but in recent measurements, the upper-level hourly L_{eq} noise levels are consistently above 70 dBA L_{eq} at this location.

Noise reading were also taken near the waiting area of the SR 520 Montlake Flyer Stop. Noise levels varied with traffic flow, and the 1-second L_{eq} ranged from 76 to 89 dBA. The typical peak traffic noise

level for this station is 81.1 dBA L_{eq} . This shows that the transit riders are currently exposed to high noise levels at transit stops.

There is a potential that, on some station platforms, reducing traffic noise levels to Sound Transit's 72 dBA design goal may not be feasible or reasonable. As stated, it is unlikely that a person would ever spend more than 15 minutes at a station platform. Due to the short period of waiting at platforms, and existing bus-flyer stop noise levels in the region, Sound Transit will use the 78 dBA 15-minute L_{eq} platforms noise level goal for designing stations within or above freeway, where reasonable and feasible.

Noise Measurements

Noise readings were taken at several existing and proposed stations. The measurements were taken in accordance with the American National Standards Institute (ANSI) procedures for community noise measurements. The equipment used for noise monitoring was a Bruel & Kjaer Type 2238 Sound Level Meter. The meter was calibrated prior to and after the measurement period using a Bruel & Kjaer Type 4231 Sound Level Calibrator. Calibration varied by less than 0.1 dB during the measurement periods. Complete system calibration is performed on an annual basis by Bruel & Kjaer Instruments. System calibration is traceable to the National Institute of Standards and Testing (NIST). The system meets or exceeds the requirements for an ANSI Type 1 noise measurement system.

Rainier Avenue Light Rail Station

The Rainier Avenue light rail station would be located along the center of I-90 in a retained cut in the center roadway just west of the Mount Baker Tunnels. This location has large retaining walls along the both sides the highway, resulting in a substantial level of reflected traffic noise. Existing noise levels were measured using a microphone on a 40 foot extension cable dropped over the edge of the 23rd Avenue overpass. The measurement was taken around 11:00 am when traffic on the reversible lanes were changing direction, and only one pass-by was recorded on the reversible lanes. This would most closely resemble the East Link Project scenario. The 15 minute L_{eq} for the existing conditions was measured at 86.3 dBA L_{eq} .

Mercer Island Light Rail Station

The Mercer Island Station would be located along the center of I-90 in a deep retained cut between 77th Avenue and 80th Avenue on Mercer Island. This location has 20- to 25-foot-high retaining walls along each side of the highway, resulting in a substantial level of reflected traffic noise. Existing noise levels were measured at the Mercer Island Station using a microphone on a 40-foot extension cable dropped over the edge of the 77th Avenue overpass. This location is shown in Table 1 as R1/M1, and this measurement was used to calibrate the model used to project noise levels at other points within the proposed station. This location was not used to determine the effects traffic noise on passengers as this is merely a pass-through area to the station platform.

Two 10-minute measurements were taken, with the first having a L_{eq} of 86 dBA and the second having an L_{eq} of 88 dBA. For transit stations near major highways, a short-term L_{eq} measurement of 10 minutes is typically long enough to provide an accurate reading of the noise exposure. This is due to the relatively steady noise from passing vehicles on major highways. Measurements at the Mercer Island and NE 12th Street stations provided verification of this, as the running L_{eq} stabilized after only 2 minutes of measurements and varied by less than 1 dBA after 5 minutes, even during heavy truck pass-bys where 1-second L_{eq} sound levels exceeded 92 dBA.

To illustrate this, the 1-second L_{eq} noise levels along with a running-energy average L_{eq} at 10-second intervals was derived and plotted. Figure 1 shows the results of the analysis. The orange dashed lines are the 1-second L_{eq} readings and the black squares are the running-energy average for the measurement period to that point. The plot shows that after approximately 2 minutes, the energy average noise levels remain constant at 88 dBA (+0.3/ -0.5 dBA) for the remainder of the measurement session.

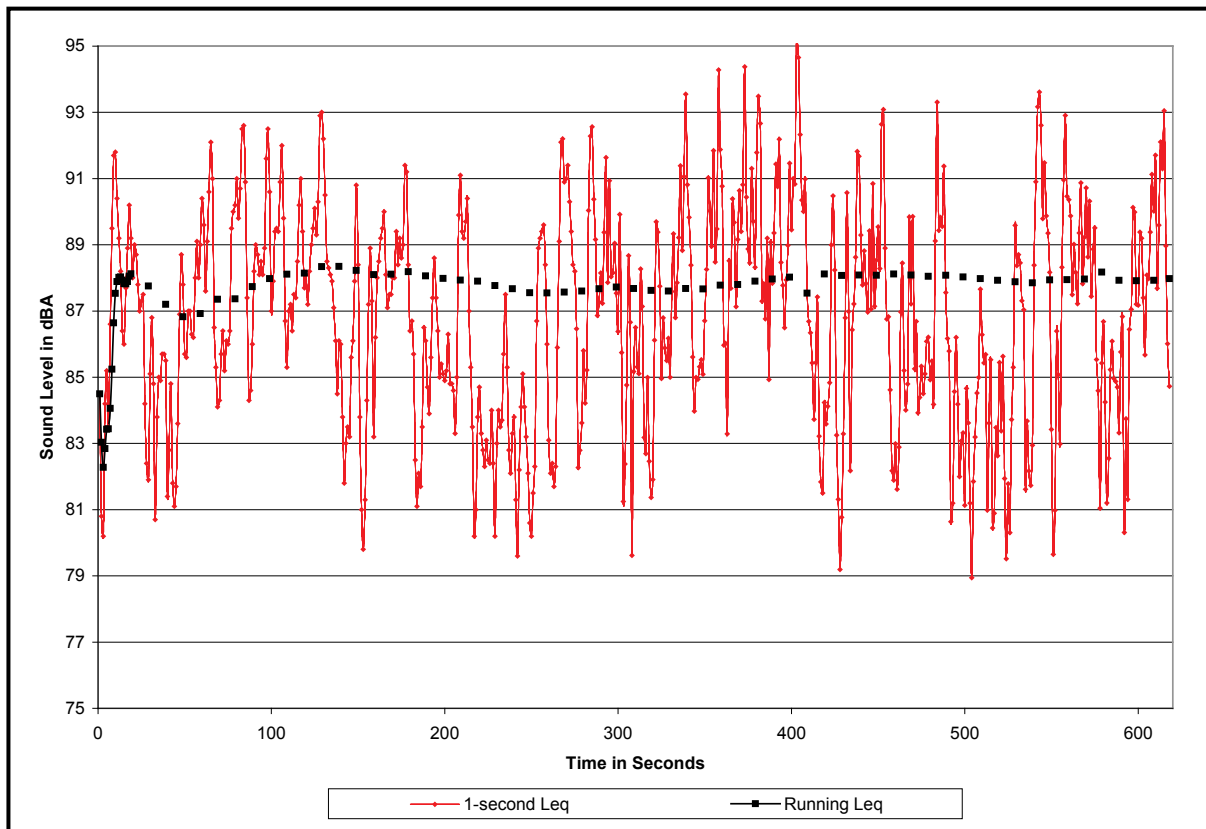


FIGURE 1
Energy Average Leq Noise Levels for Proposed Mercer Island Station

Ashwood/Hospital Light Rail Station

The Ashwood/Hospital light rail station would be located separate and adjacent to the NE 12th Street overpass, approximately 25 feet above I-405. It would be a center platform station, with light rail running on either side of the station platform. On-site noise measurements were performed in the center of the existing overpass on the north side of the NE 12th Street. The dominant noise source was heavy trucks on I-405; however, noise from traffic crossing the overpass was also notable. One-second L_{eq} ranged from 77 to 87 dBA with the overall energy average at this site being 83 dBA L_{eq} .

Noise Modeling

Based on the noise measurements, further analysis was performed for each of the Freeway stations: I-90 Rainier Avenue, Mercer Island and Ashwood/Hospital light rail stations. The models were created using typical daytime traffic volumes and speed from the traffic engineers, a noise model was constructed using the Federal Highway Administration's Traffic Noise Model (TNM). The TNM produces hourly L_{eq} noise levels based on hourly traffic volumes. Because of the constant traffic volumes on major highway like I-90 and I-405, the short-term L_{eq} experienced by patrons at the stations would be the same as the hourly L_{eq} .

Rainier Avenue Light Rail Station Noise Modeling

Because of the high traffic volumes, reflective retaining walls, and close proximity of the traffic to the station, it is unlikely that the noise levels in this area would be able to meet the Sound Transit design guidelines of 72 dBA. Therefore, the 78 dBA 15-minute L_{eq} platforms noise level goal will be applied.

The Rainier Avenue Station noise model was constructed and verified using the measured noise data. Modeled and measured data agreed within +/- 2 dBA. Five receivers were located along the platform,

with two at each ends and one in the middle. The modeled noise levels ranged from 84.6 to 85.3 dBA L_{eq} , verifying the accuracy of the model against the measured noise levels but also showing that noise levels would exceed the 78 dBA goal.

Figure 2 shows the potential of ten-foot sound walls added to the outside of the light rail alignment, along the edge the I-90 mainlines. With the walls in place, the noise levels along the platform were reduced by 8.2 to 9.7 dBA along the platform. Figure 2 shows the noise measurement and modeling locations and the approximate locations for the sound walls. Table 1 provides a summary of the noise modeling results before and after adding sound walls.

TABLE 1
Rainier Station Noise Analysis

Receiver No.	Measured Levels	Modeled Levels before Noise Walls	Modeled Levels W/ Noise Walls	Noise Wall Reduction	Wall Details
R1	N/A	85.3	76.4	8.9	10 foot walls along the outside of the tracks, between the rail alignment and the I-90 traffic lanes. Walls could be integrated with the crash barriers to save room.
R2	N/A	85.1	76.9	8.2	
R3	N/A	85.0	75.8	9.2	
R4	N/A	84.9	75.2	9.7	
R5	86.3	84.6	75.4	9.2	

The walls would extend approximately 800 feet west of the Mount Baker Tunnel portals. Actual wall design would be performed during project final design. With noise walls the majority of the platform, the noise levels on the platform are within the 78-dBA noise level and no further noise reducing design alternatives were examined.

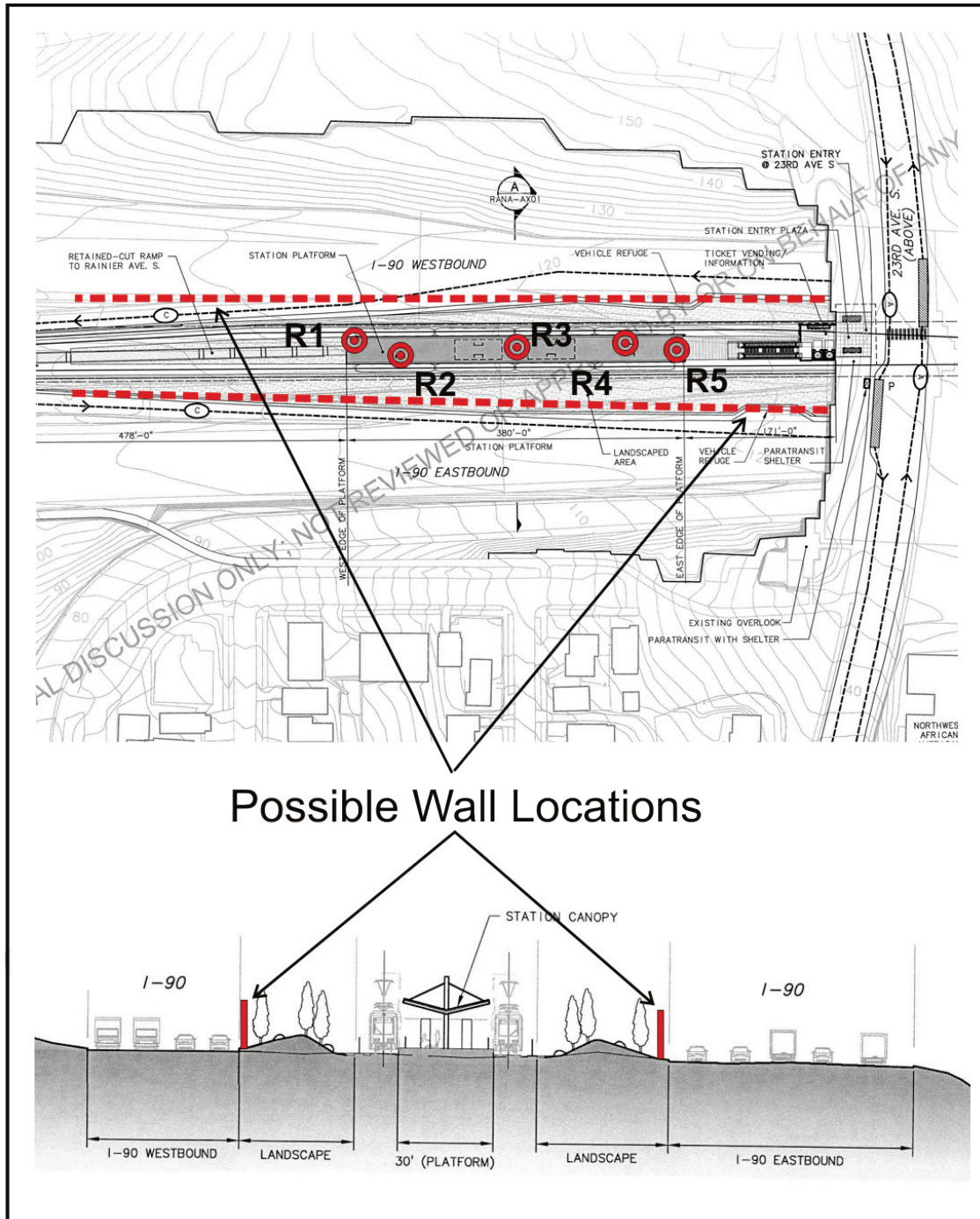


FIGURE 2
Rainier Avenue Noise Monitoring Modeling and Noise Wall Locations

Mercer Island Light Rail Station Noise Modeling

Because of the high traffic volumes, reflective retaining walls and close proximity of the traffic to the station, it is unlikely that the noise levels in this area would be able to meet the Sound Transit design guidelines of 72 dBA. Therefore, the 78 dBA 15-minute Leq platforms noise level goal will be applied

The Mercer Island Station platform model was constructed and verified using the measured noise data of 86 to 88 dBA Leq as reference sound levels, from the measurement taken at R1/M1. Three receivers were located along the platform, Receiver R1/M1, next to the 77th Avenue overpass, and Receivers R2 and R3, located on the proposed station platform. Passengers would only pass through the location of R1/M1 and the purpose of modeling this receiver is to verify the accuracy of the model. Passengers would spend time waiting at the locations of R2 and R3 and therefore the noise effects of traffic concern only those locations. The modeled noise at all three locations was 88 dBA Leq, which verified the accuracy of the model against the measured noise levels.

Figure 3 and 4 show the potential of 10-foot sound walls added on the outside of the light rail alignment, along the edge nearest the train tracks. With the walls in place the noise levels along the platform would be reduced by 10 dBA in the center of the platform, and 7 to 8 dBA towards the end of the platform. Figures 3 and 4 show the noise measurement and modeling locations as well as the approximate locations for the sound walls. Table 2 provides a summary of the noise modeling results before and after adding sound walls.

TABLE 2
Mercer Island Station Noise Analysis

Receiver No.	Measured Levels	Modeled Levels before Noise Walls	Modeled Levels W/ Noise Walls	Noise Wall Reduction	Wall Details
R2	N/A	87.9	77.6	10.3	10-foot walls along the outside of the tracks, with the base of the wall at the same elevations as the tracks.
R3	N/A	87.9	78.3	9.6	

The majority of the platform will have noise levels near or below the 78-dBA noise level goal and therefore no further noise reducing design alternatives were examined.

Ashwood/Hospital Light Rail Station (NE 12th Street above I-405)

Ashwood/Hospital Station noise modeling was also performed using projected 2030 traffic data and speeds for I-405. The modeled noise levels *without* traffic on NE 12th included in the model was 81 dBA Leq at outer edge of the station where the light rail tracks would be installed. For patrons on the station platforms, noise levels ranged from 75 to 78 dBA Leq. The lower noise levels on the platform are due to the noise-reducing effects of the light rail alignment and bridge over I-405. Because the noise levels at the platform are projected to remain below 78 dBA Leq, no noise-reducing design improvements were investigated.

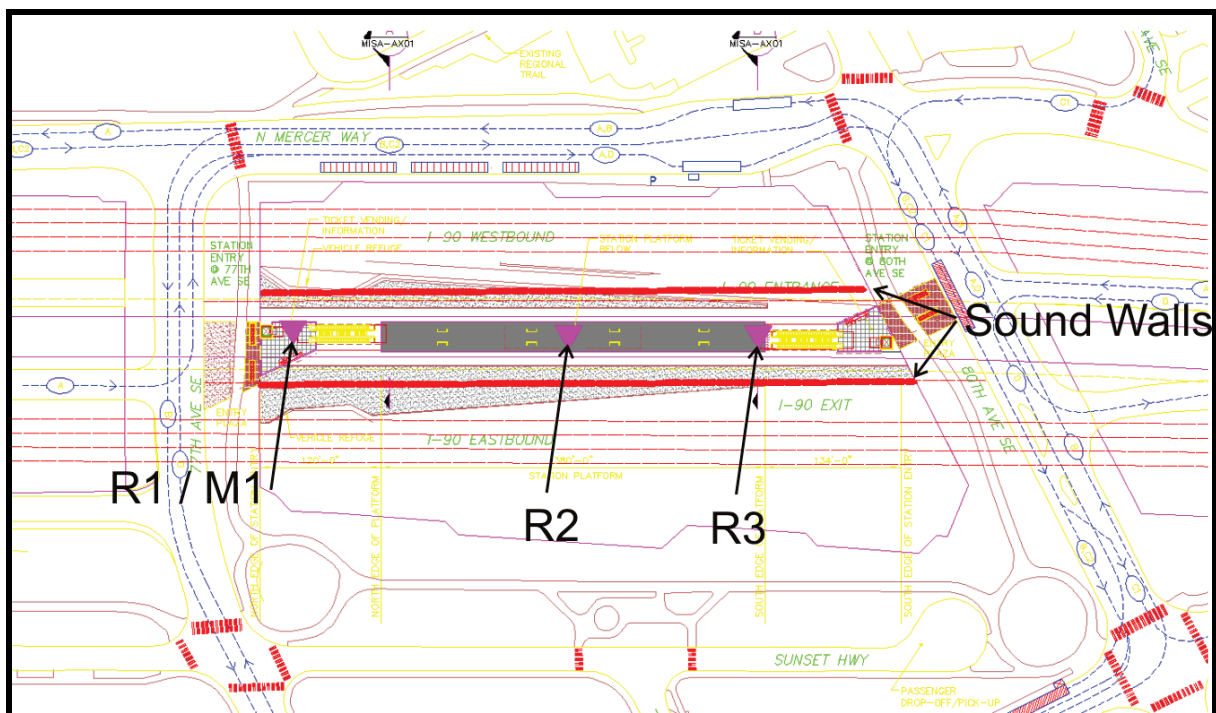


FIGURE 3
Mercer Island Station Noise Monitoring Modeling and Noise Wall Locations

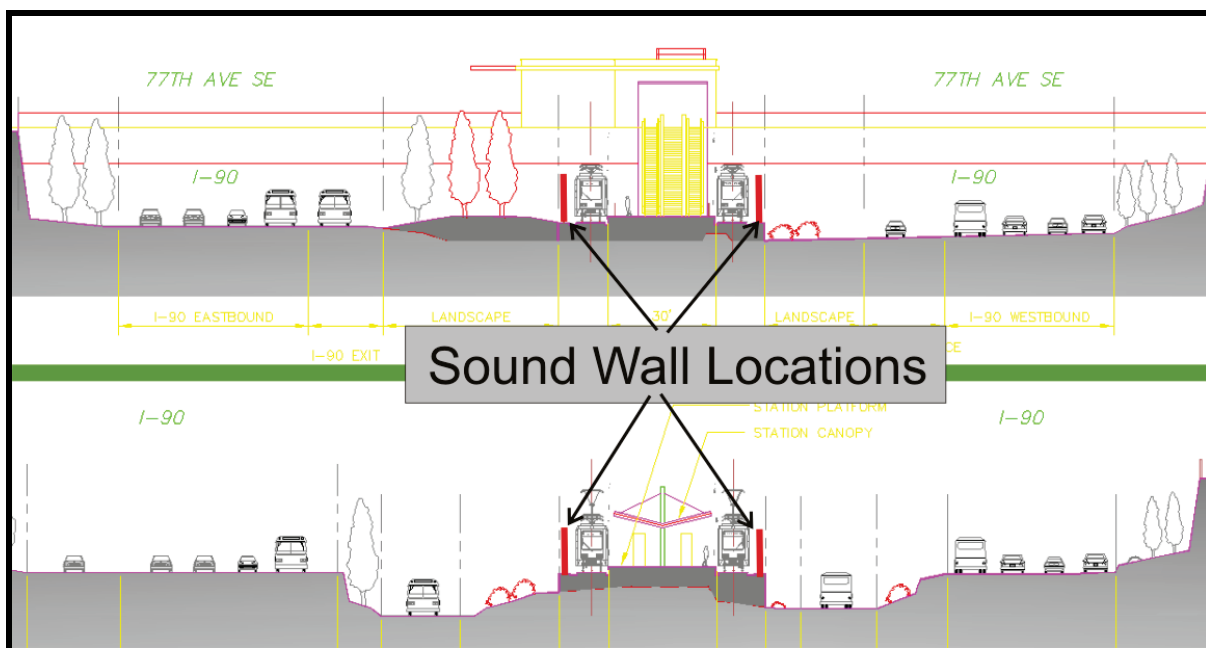


FIGURE 4
Mercer Island Station Noise Walls as Viewed from I-90

Prepared for:	Jodi Ketelsen
Prepared by:	Michael A. Minor
Date:	November 10, 2008
Subject:	Noise Level Projections
Project:	Proposed Children's Hospital

This memorandum summarizes the noise level projections for the new Children's Hospital on 116th Ave NE, just north of NE 12th Street. The noise projections assume the following:

1. Distance from the LRT alignment to the building is approximately 100 feet, the distance from the proposed gates is approximately 150 feet and 200 feet (may be further).
2. Speed of the train was modeled at 35 MPH as the worst case scenario.
3. Reference noise levels for typical crossing bells are 72 dBA Lmax at 50 feet (86 dBA at 10 feet). The bells run for approximately 20 seconds.
4. The plan is for one train to pass in either direction every 7 mins in the evening hours including after 10 PM until 1AM and up to one train every 4.5 minutes in the day time.
5. The existing Ldn for traffic near the site is 68 dBA as a conservative (based on 2 dBA lower than the intersection noise level measurement at NE 12th and 116th Avenue NE due to shielding and distance) and the FTA criteria is 63 dBA Ldn for moderate impact and 68 dBA Ldn for severe impacts.

Based on the above information, the noise from LRT operations is predicted at 61 dBA Ldn at the closest point at the proposed hospital and the noise from the crossing bells is predicted at 53 dBA for the same point. The total Ldn is projected at 62 dBA Ldn and no noise impacts are projected.

It is anticipated that modern insulation and noise reduction due to double windows, it is unlikely that noise will be audible inside the building assuming that the windows are non-open-able.