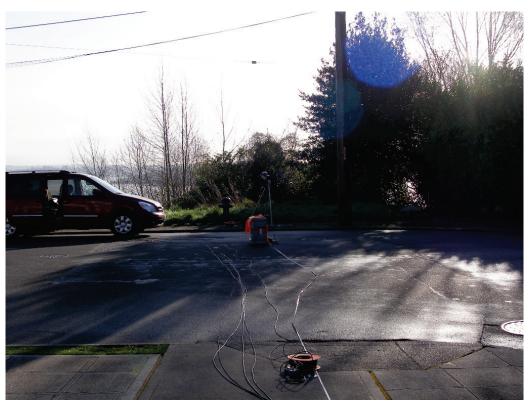
Appendix B

## 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



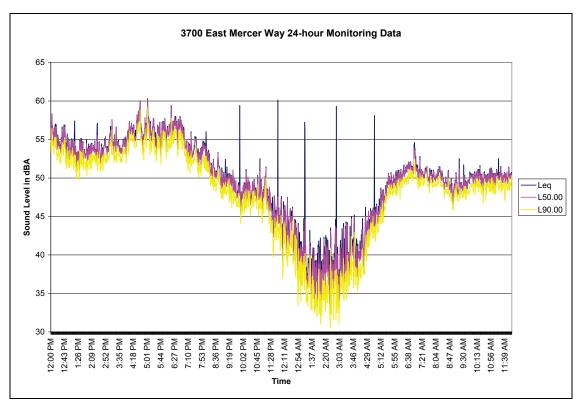
**EXHIBIT B-7** Site V-7, 154th Avenue NE and NE54th Street, Redmond



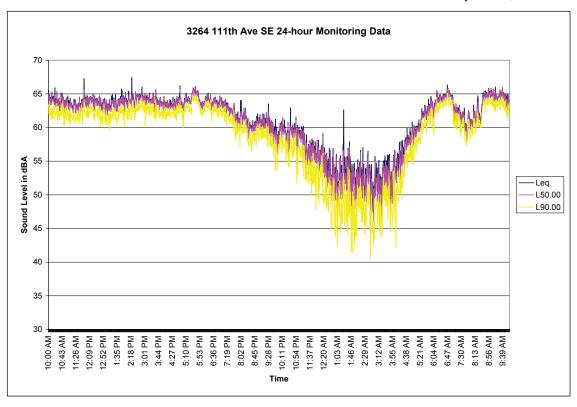
**EXHIBIT B-8**Site V-8, Redmond Town Center, Redmond



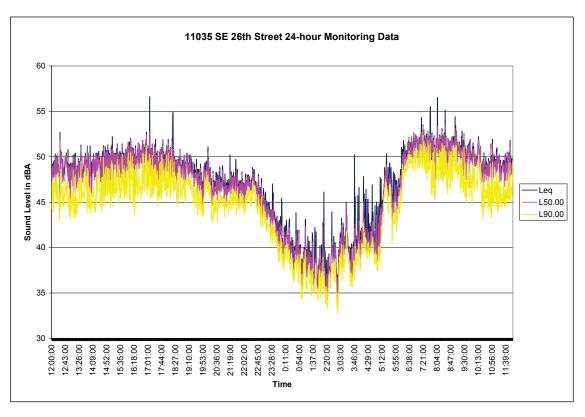
## **Noise Measurement Data**



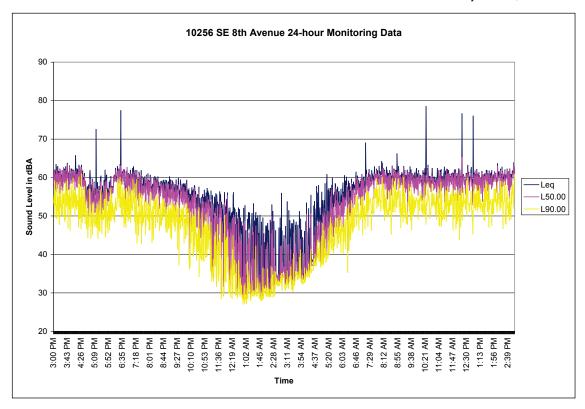
**EXHIBIT C-1**Noise Survey Results, Site MA-5



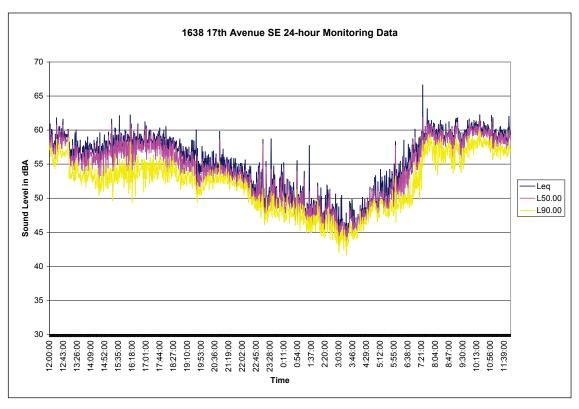
**EXHIBIT C-2** Noise Survey Results, Site MB-4



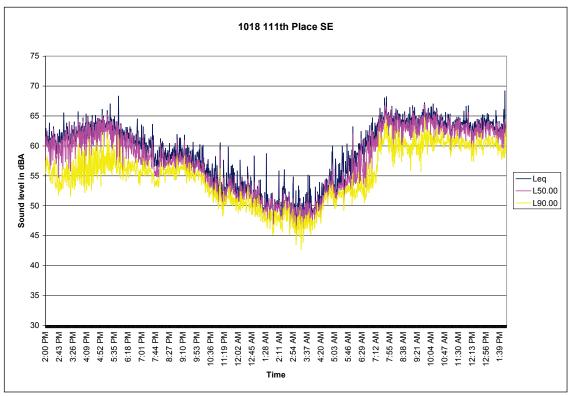
**EXHIBIT C-3** Noise Survey Results, Site MB-7



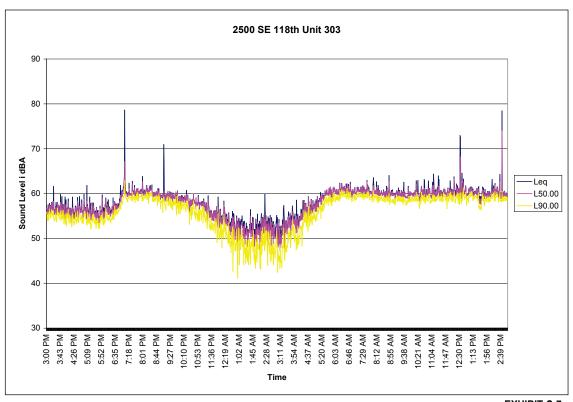
**EXHIBIT C-4** Noise Survey Results, Site MB-13



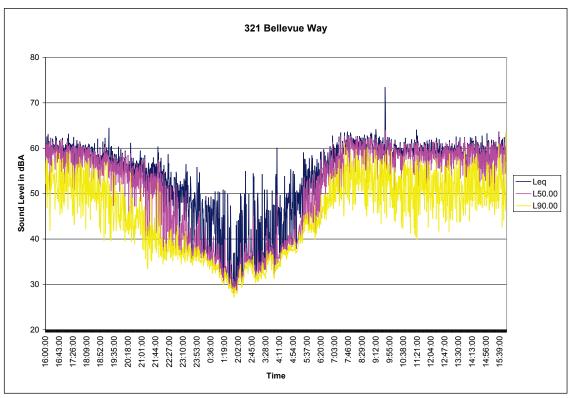
**EXHIBIT C-5** Noise Survey Results, Site MB-14



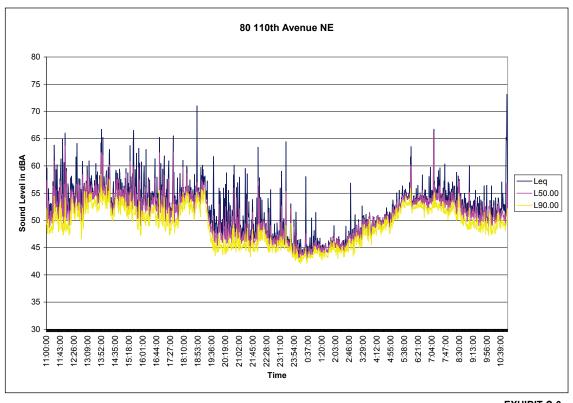
**EXHIBIT C-6**Noise Survey Results, Site MB-16



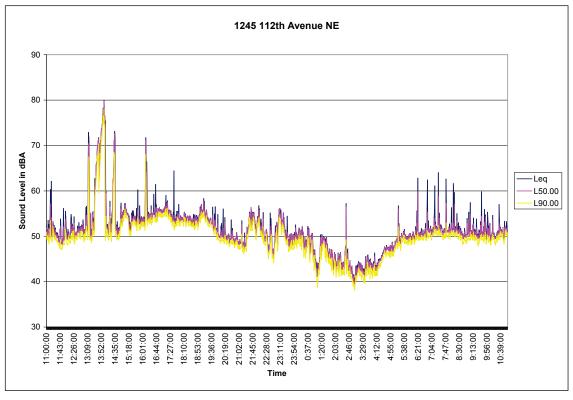
**EXHIBIT C-7** Noise Survey Results, Site MB-18



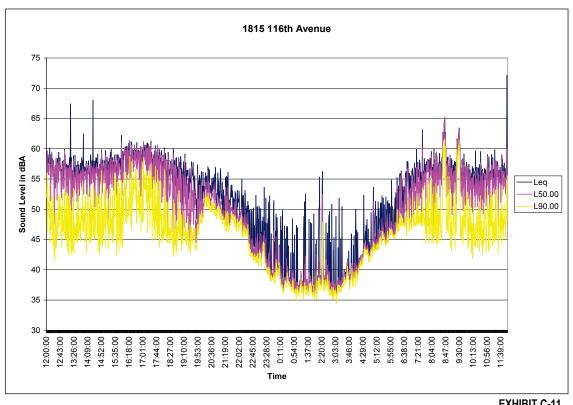
**EXHIBIT C-8** Noise Survey Results, Site MC-2



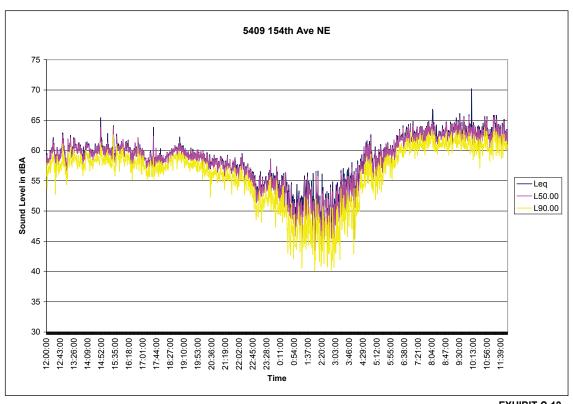
**EXHIBIT C-9** Noise Survey Results, Site MC-6



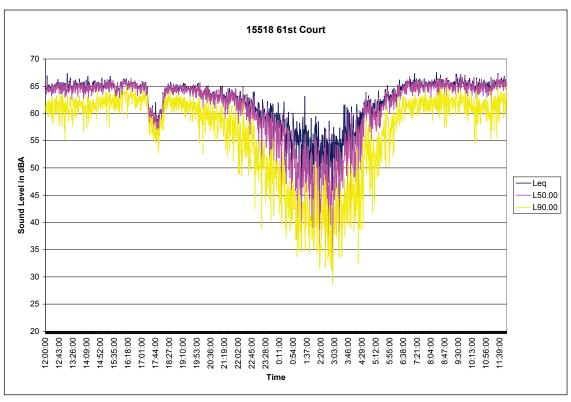
**EXHIBIT C-10**Noise Survey Results, Site MC-13



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



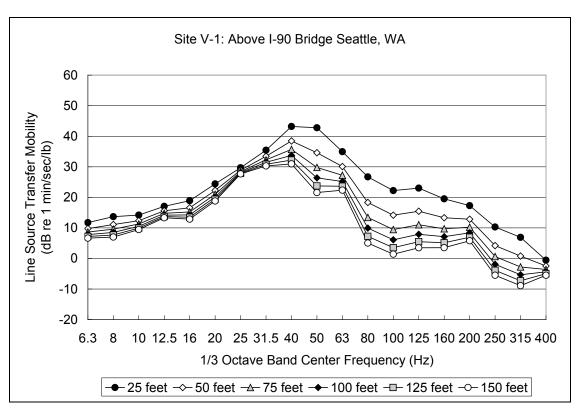
**EXHIBIT C-12**Noise Survey Results, Site ME-1



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

Appendix D

**Vibration Propagation Data** 



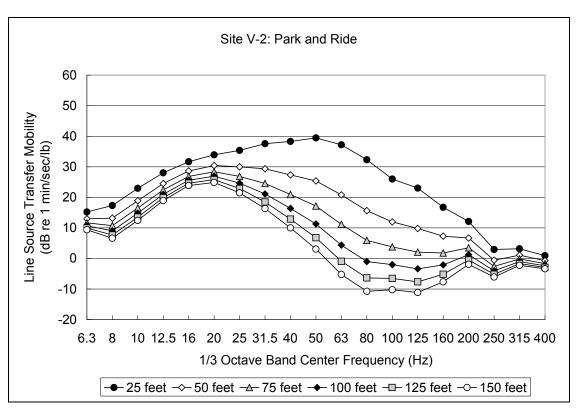
**EXHIBIT D-1.**Representative Transfer Mobility Functions, Site V-1

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

Frequency (Hz)	A	В	С
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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2



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

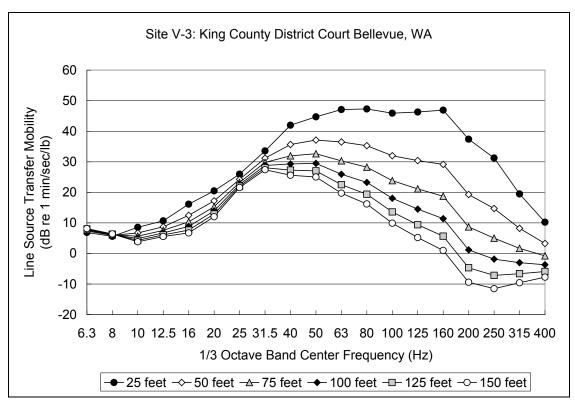
**TABLE D-2**Line Source Transfer Mobility Coefficients, Site V-2

Frequency (Hz)	A	В	С
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

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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2



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

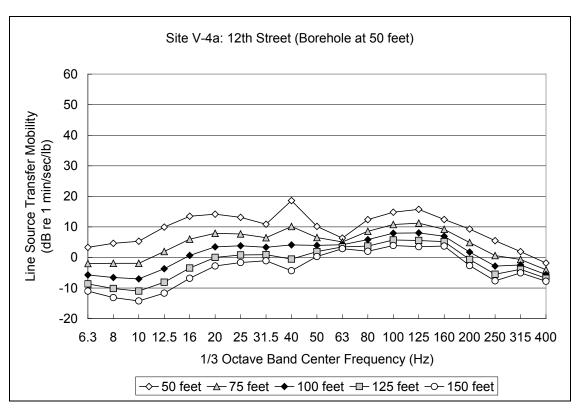
**TABLE D-3**Line Source Transfer Mobility Coefficients, Site V-3

Frequency (Hz)	Α	В	С
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

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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2 d = Distance in feet



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

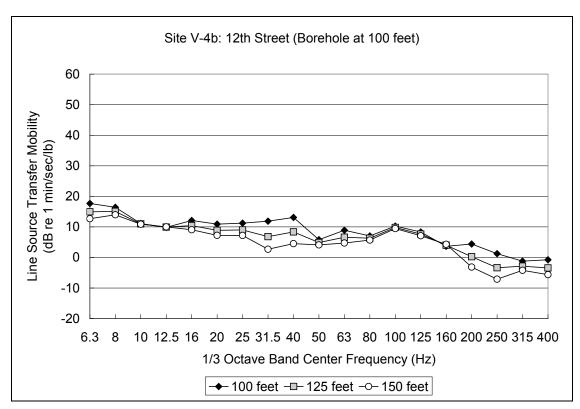
TABLE D-4 Line Source Transfer Mobility Coefficients, Site V-4a

Frequency (Hz)	A	В	С
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

Where:

Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft) $^1/2$ TM =

Distance in feet d =



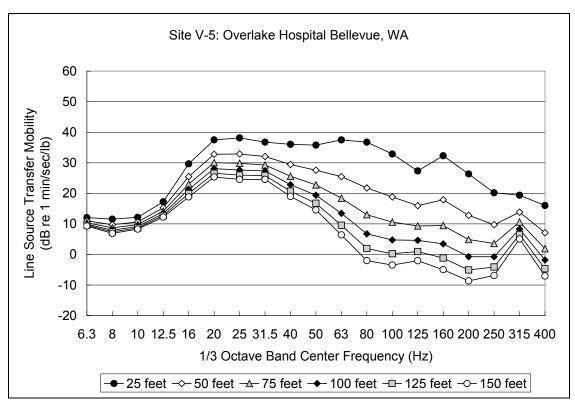
**EXHIBIT D-5.**Representative Transfer Mobility Functions, Site V-4b

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

Frequency (Hz)	Α	В	С
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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2



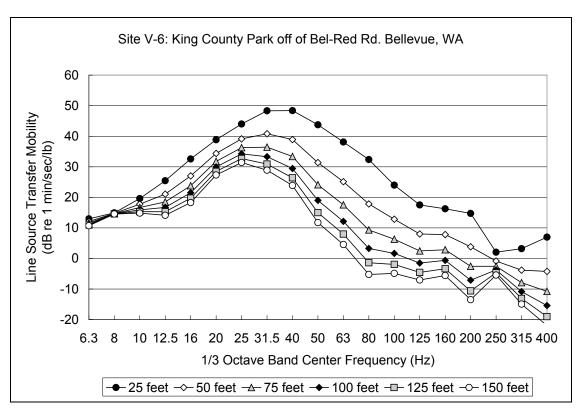
**EXHIBIT D-6.**Representative Transfer Mobility Functions, Site V-5

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

Frequency (Hz)	A	В	С
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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft) $^1/2$ 



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

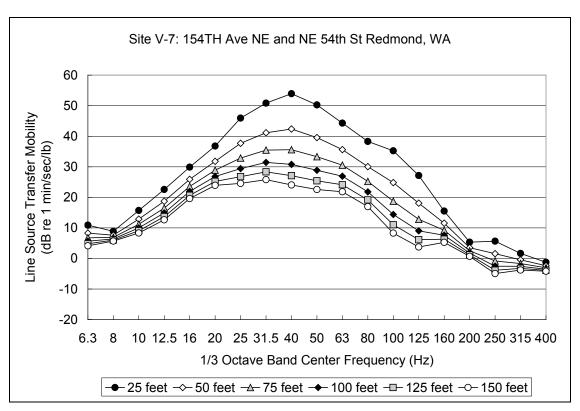
**TABLE D-7**Line Source Transfer Mobility Coefficients, Site V-6

Frequency	_	_	_
(Hz)	Α	В	С
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  $1\mu$ in/sec/lb/(ft)^1/2



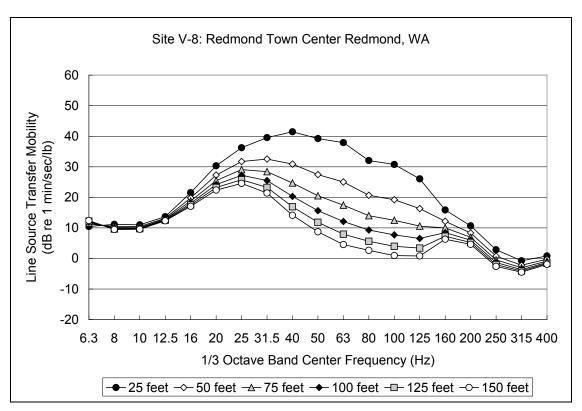
**EXHIBIT D-8.**Representative Transfer Mobility Functions, Site V-7

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

Frequency (Hz)	Α	В	С
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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2



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

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

Frequency (Hz)	A	В	С
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

Where:

TM = Transfer Mobility in dB re  $1\mu$ in/sec/lb/(ft)^1/2

Appendix E

## **Detailed Noise Impact Assessment**

	Red	ceiver and Data Input Sec	tion					lm	pact Aı	nalysis	S			Pro	oject Mi	itigation	
Parcel #, Description	on, Existing No	oise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nur	nber	Type of mit	gation pro	posed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	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 PI	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
		Judkins Park and Playfield	1	67	3	No	No	61	Leq	69	73			No Wall	N/A	No	61
Receiver East of the Tunnel: Seattle																	
		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
	, in the second	60th Ave	1	67	2	No	No	56	Ldn	63	68			No Wall	N/A	No	56
Mercer Island East Shore Landing																	
-		SE 35th PI	6	67	2	No	No	58	Ldn	63	68			No Wall	N/A	No	58
		SE 36th PI	0	67	2	No	No	58	Ldn	63	68			No Wall	N/A	No	58

	D-		tion					E At-G						D	ioot M	tiantian	
		ceiver and Data Input Sec	tion					ım	pact Ai	naiysis	i			Pro	ject ivii	tigation	
		Noise Levels and FTA Category	11.7				Sources		Analysis			Num		Type of mitig			Mitigate
Area	Parcel	Description	Units	Lan/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Le
Receivers North of I-90,																	
ame 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 1182	SF residence SF residence	1	67 67	2	No No	No No	65 65	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 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
ame as above, second	1200	Of Tosiderice		07		140	110	00	Luii	00	00			i oterniai ocuria vvan	14//	140	- 00
DW Second																	
	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
teceivers East of 112th o 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
ame as above, second	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
riangle North of SE 0th																	
	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
teceptors on 112th Ave E and near Station rea																	
	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

	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalvsis				Pro	iect Mi	tigation	
Parcel # Description		Noise Levels and FTA Category				Natas	0		1			Nam			-	_	Midnes
Area	Parcel	Description	Units	I dn/I ea	FTA-CAT	Noise Bells	Sources X-Over	Project Ldn/Leg	Analysis Type	FTA C	Sev	Mod	nber Sev	Type of mitig	X-Over		Mitigate Ldn/Le
ilea	2144	SF residence	1	69	2	Yes	No 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
ame as above, second	<sup>1</sup>																
JW	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
	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
eceptors from 23rd St	2230	SF residence	1	67	2	No	No	58	Ldn	63	68			Potential Sound Wall	N/A	No	49
eceptors from 23rd St 25th St																	
2311131	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
same as above, second	d l																
OW					_												
	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 2289	SF residence	1	67	2	No	No No	58 58	Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	49 51
	2209	SF residence SF residence	1	67 67	2	No No	No	58	Ldn 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
5th St to 112th "Y"	2001	Of residence	<u> </u>	- 07		140	110	- 55	Luii	00	00			i otontiai oodila vvali	14//	140	- 01
011 01 10 11211 1	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
tation change to C9T																	
	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
	2397	SF residence	1	69	2	No	No	57 53	Ldn	64	70 70			No Wall	N/A	No No	57
	2378 2385	SF residence SF residence	1 1	69 69	2	No No	No No	53 54	Ldn Ldn	64 64	70			No Wall	N/A N/A	No No	53 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
E11.36	3004	SF residence	1	67	2	No	No	48	Ldn	63	68			No Wall	N/A	No	48
IF Units at the 112th																	
( -	0040	ME Units at V		60					1.7	0.1	70			NI- 10/-II	NI/A		
	3010 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 MF Units at Y	4	69 69	2	No No	No No	55 56	Ldn Ldn	64 64	70 70			No Wall	N/A N/A	No No	55 56

	Re	eceiver and Data Input Section	on					Im	pact Ar	nalysis	3			Pro	oject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of miti	gation prop	osed	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
	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
SF Units forth of Y, south of Bellefield Park																	
	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
D    "     D	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	ME 's AB II (CHB I				.,								D	N1/A		
	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 4050	MF units at Bellefield Park	2	63	2	Yes	No	59 65	Ldn	60 61	66 67			Potential Sound Wall	N/A N/A	No No	56 59
		MF units at Bellefield Park		65	2	No	No		Ldn			2		Potential Sound Wall			
	4050 4050	MF units at Bellefield Park MF units at Bellefield Park	3	63 64	2	No No	No No	62 64	Ldn Ldn	60 61	66 66	3		Potential Sound Wall Potential Sound Wall	N/A N/A	No Yes	56 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	4000	IVII UIIIG AL DEIIEIIEIU FAIK	2	03	2	INU	INU	02	Luii	00	00	2		i oterniai Souriu Wali	IN/A	INU	50
	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

Area		ceiver and Data Input Sec								nalysis				1.10		tigation	
Area		Noise Levels and FTA Category				Noise	Sources	Project				Nun	nhor	Type of mitig	-	_	Mitigate
	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	1	Ldn/Led
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 1137	SF residence SF residence	1	67 67	2	No No	No No	61 65	Ldn Ldn	63 63	68 68	1		No wall Potential Sound Wall	N/A N/A	No No	61 56
	1152/3	SF residence SF residence	1	67	2	No No	No	65	Ldn	63	68	1		Potential Sound Wall	N/A 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																	
OW																	
	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 52
	1151	SF residence	1	65	2	No	No	61	Ldn	61	67	1		Potential Sound Wall	N/A	No	
	1163 1175	SF residence SF residence	1	65 65	2	No No	No No	60 59	Ldn Ldn	61 61	67 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 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 o SE 30th and 111th	1202	C. Todasio		00		110	110	0.	2011	0.	- 01			i otomiai odana wan	1471		02
O OL Sour and Titul	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
Same as above, second	2030	SF residence	1	69	2	No	No	67	Ldn	64	70	1		Potential Sound Wall	N/A	No	58
	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 No	59 60	Ldn	63	68			Potential Sound Wall Potential Sound Wall	N/A	No	50
	2036 2038	SF residence SF residence	1	67 65	2	No No	No	57	Ldn Ldn	63 61	68 67			Potential Sound Wall	N/A N/A	No No	51 48
Triangle North of SE 30th		or residence	'	03	2	NO	140	57	Luii	01	07			Potential Sound Wall	IN/A	NO	40
	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 2045	SF residence SF residence	1	69 67	2	Yes No	No	65 61	Ldn Ldn	64 63	70 68	1		Potential Sound Wall Potential Sound Wall	N/A Special	No No	56 51
	2045	SF residence SF residence	1 1	67	2	No No	Yes Yes	61	Ldn	63	68			Potential Sound Wall Potential Sound Wall	Special	No No	51
	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

Month   Control   Contro		Re	eceiver and Data Input Sec	tion					lm	pact Ai	nalvsis				Pro	iect Mi	tigation	
Parcel Description   Units   Units,   FTACAT   Selet   X-Over   Units of   The part   Select   Y-Over   Units of   The part   Y-Over   Select   Y-Over   Select   Y-Over   Select   Y-Over   Y-O	Parcel # Description						Naiss	Caurage		ı			Norm	abar		-	_	Misimoso
2144   September   1   68   2   Veg   No   60   Lift   C4   770     - Propriet Sour Vall   No   No   No   No   No   No   No	•	_		Unite	I dn/I ea	FTA-CAT												Mitigate Ldn/Le
2   10   2   2   2   2   2   2   2   2   2	Tou		•	1														49
2779				1														50
1				0														53
2710 S Fresherics 1 1 60 2 Vers 100 64 70 1 1 - Peterris Sourie Wall NA NO 2 Vers 100 100 100 100 100 100 100 100 100 10													1					55
2250   SF residence   1   09   2   No   No   50   Line   164   70   1								No										55
are as slows, second with white and such as a																		56
No.			SF residence	1	69	2	No	No	65	Ldn	64	70	1		Potential Sound Wall	N/A	No	56
Fig.   Freedome   1   65   2   No   No   55   Lan   51   67     Powering Sound Wall   NA   No   1		d																
116   SF residence	W	2424	05 11		0.5										D	N1/A		
2100   Sf repidence																		47
2137   SF residence																		47 47
2146   SF resolvence																		47
2165   SF residence				1														47
2170   SF residence				1									1	1				50
2181   SF residence				1										1				43
2183   SF residence				1														45
2211   SF residence   1   67   2   No   No   57   Ldn   63   68     Potential Sound Wall   N/A   No   1   1   1   1   1   1   1   1   1				1		_												47
200   Se residence   1   67   2   No   No   58   Ldn   63   68     — Potential Sound Wall   NA   No   20   No   No   No   No   No   No   No   N				1														48
Seepors Freedomore   1   69   2   No No   66   Lch   64   70   1				1														49
2246   SF residence	eceptors from 23rd St																	
2266   SF residence	25th St																	
2256   SF residence			SF residence	1	69	2	No	No	66	Ldn	64	70	1		Potential Sound Wall	N/A	No	57
2275   SF residence																		57
2284   SF residence																		57
2288   S.F. readence																		57
2296   S.F. residence																		57
2300   SF residence																		58
ame as above, second war as ab																		58
ame as above, second with with a second minimum and above, second with with with a second minimum and a second min																		59
March   Marc			SF residence	1	69	2	No	No	65	Lan	64	70	1		Potential Sound Wall	N/A	No	58
2254   SF residence		a																
251   SF residence	JW	2254	SE regidence	1	GE.	2	No	No	56	Ldn	61	67			Potential Sound Wall	NI/A	No	47
2271   SF residence				1									1	1				50
2289   SF residence																		49
297   SF residence				1														51
2907   SFresidence				1														51
Sith St to 112th "Y"				1														51
2317   SF residence	5th St to 112th "Y"																	
2336   SF residence		2317	SF residence	1	69	2	No	No	56	Ldn	64	70			Potential Sound Wall	N/A	No	50
2333   SF residence		2326	SF residence	1	69	2	No	No	56	Ldn	64	70				N/A	No	50
2351   SF residence		2333	SF residence	1		2	No		53	Ldn							No	53
2361   SF residence   1   69   2   No   No   51   Ldn   64   70       No Wall   N/A   No   51   No   No   52   No   No   54   No   No   55   No   No   55   No   No		2345	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   A				1														49
Lation change to C9T				1														51
2375   SF residence		2367	SF residence	1	69	2	No	No	48	Ldn	64	70			No Wall	N/A	No	48
2384   SF residence	tation change to C9T																	
Section   Sect																		57
2378   SF residence																		56
2385   SF residence																		58
2393   SF residence																		53
2401   SF residence				1											No Wall			54 55
2407   SFresidence				1									1					55
2413   SF residence													1	1				55
2421   SF residence				1									1	1				57
3001   SF residence				1														57
2414   SF residence				1														56
2418   SF residence   1   69   2   No   No   53   Ldn   64   70       No Wall   N/A   No   5     3000   SF residence   1   69   2   No   No   53   Ldn   64   70       No Wall   N/A   No   5     3004   SF residence   1   67   2   No   No   48   Ldn   63   68       No Wall   N/A   No   4     F Units at the 112th				1										-				49
3000   SF residence   1   69   2   No   No   53   Ldn   64   70       No Wall   N/A   No   5     3004   SF residence   1   67   2   No   No   48   Ldn   63   68       No Wall   N/A   No   4     F Units at the 112th				1										-				53
3004 SF residence 1 67 2 No No 48 Ldn 63 68 No Wall N/A No 48 Ldn 63 68 No Wall N/A No 48 No 48 Ldn 63 68 No Wall N/A No 48 No 4																		53
F Units at the 112th // 3010 MF Units at Y 4 69 2 No No 55 Ldn 64 70 No Wall N/A No 5																		48
/*   3010 MF Units at Y	IF Units at the 112th				J.							50						
	/11																	
			MF Units at Y	4	69	2	No	No	55	Ldn	64	70			No Wall	N/A	No	55
				4						Ldn								55

	Re	eceiver and Data Input Secti	on					Im	pact Ar	nalysis	•			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise :	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of miti	gation prop	osed	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
	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
SF Units forth of Y, south of Bellefield Park																	
	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
	4050	MF units at Bellefield Park	2	63	2	Yes	No	58	Ldn	60	66			Potential Sound Wall	N/A	No	52
SF Units along 111th Place																	
	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

	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalvsis				Pro	niect Mi	itigation	
		•	uon						•	_					•		
		Noise Levels and FTA Category					Sources	Project	Analysis	FTA C			nber	Type of mitig			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/Led
Receivers North of I-90,																	
Same for all alternatives																	
barrie 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	4000	05		^-	_				1.4	6.1	67			NI- MAI-II	NI/A	, .	
	1086	SF residence	1	65	2	No	No	57	Ldn	61	67			No Wall	N/A	No	57
	1106 1136	SF residence	1	65 65	2	No No	No No	61	Ldn Ldn	61	67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	52 52
	1136	SF residence	1	65	2	No No	No No	61 61	Ldn	61 61	67 67	1		Potential Sound Wall	N/A N/A	No No	52
	1163	SF residence SF residence	1	65	2	No No	No No	60	Ldn	61	67			Potential Sound Wall	N/A N/A	No No	52
	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
	.202	er recidence		- 00	_		1.0	Ŭ.		0.	0.			r otoritai ooaria rraii		110	- 02
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
Same as above, second	2030	SF residence	1	69	2	No	No	67	Ldn	64	70	1		Potential Sound Wall	N/A	No	58
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 N/A	No No	52 50
	2032 2036	SF residence SF residence	1	67 67	2	No No	No No	59 60	Ldn Ldn	63 63	68 68			Potential Sound Wall 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	2000	OF TESTIGETIES		00		140	140	01	Lan	01	O1			Totolitai Coulid Wali	III//	140	40
	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
Receptors on 112th Ave	2078	SF residence	1	67	2	No	No	60	Ldn	63	68			Potential Sound Wall	N/A	No	52
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

	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalvsis				Pro	iect Mi	tigation	
Parcel #. Descriptio		Noise Levels and FTA Category				Noiso	Sources	Project	ı			Nun	nber	Type of mitig	-	_	Mitigate
\rea	Parcel	Description	Units	Ldn/Lea	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over		Ldn/Le
<del></del>	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
ame as above, second	3																
ivv	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
	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
eceptors from 23rd St																	
25th St	2246	CE vanidanas	1	CO.	_	NI-	No	66	Ldn	64	70	1		Detential Court 114-11	N/A	No	57
	2246	SF residence SF residence	1	69 69	2	No No	No No	66	Ldn	64	70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No 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
ame as above, second	b																
ow																	
	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	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
5:1 O	2307	SF residence	1	67	2	No	No	58	Ldn	63	68			Potential Sound Wall	N/A	No	51
5th St to 112th "Y"	2317	05	1	00	0	NI-	NI-	50	Late	0.4	70			Detection Court Mall	NI/A	NI-	
	2317	SF residence SF residence	1	69 69	2	No No	No No	56 56	Ldn Ldn	64 64	70 70			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	50 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
tation change to C9T								-									
	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
	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
<u> </u>	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 69	2 2	No No	No No	57	Ldn	64	70			No Wall	N/A N/A	No No	57 56
	3001 2414	SF residence SF residence	1	69	2	No No	No No	56 49	Ldn Ldn	64 63	70 68			No Wall	N/A N/A	No No	49
	2414	SF residence	1	69	2	No	No	53	Lan	64	70			No Wall	N/A N/A	No	53
	3000	SF residence	1	69	2	No	No	53	Ldn	64	70			No Wall	N/A N/A	No	53
	3004	SF residence	1	67	2	No	No	48	Ldn	63	68			No Wall	N/A	No	48
IF Units at the 112th	0004	C. ISSIGNICO		31		140	140		Luii	00	- 00			Truii	14//	140	70
/"																	
	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	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

	Re	eceiver and Data Input Secti	on					Im	pact Ar	nalysis	•			Pro	oject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of miti	gation prop	osed	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
	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
SF Units forth of Y, south of Bellefield Park																	
	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
OF Heite element 444th	4050	MF units at Bellefield Park	2	63	2	Yes	No	58	Ldn	60	66			Potential Sound Wall	N/A	No	52
SF Units along 111th Place																	
	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			Potential Sound Wall	Special	No	55
	5050	SF residence	1	64	2	Yes	Yes	60	Ldn	61	66			Potential Sound Wall	Special	No	53

	-	ernative (B1)	4:												-i 14'	4 ava4	
		ceiver and Data Input Sec	tion					Im	oact Ai	naiysis	•			Pro	oject Mi	tigation	
		Noise Levels and FTA Category					Sources	Project			riteria	Nun		Type of mitig			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 1137	SF residence SF residence	1 1	67 67	2 2	No No	No No	58 58	Ldn Ldn	63 63	68 68			No Wall	N/A N/A	No No	58 58
	1152/3	SF residence	1	67	2	No	No	58	Ldn	63	68			No Wall	N/A 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 1203	SF residence SF residence	1	67 67	2 2	No No	No No	58 58	Ldn Ldn	63 63	68 68			No Wall No Wall	N/A N/A	No No	58 58
Same as above, second	1203	SF residence	-	07	2	INU	INU	36	Lun	03	00			NO Wall	IN/A	INU	36
row																	
	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	No	54 54	Ldn	61	67			No Wall	N/A N/A	No No	54 54
	1151 1163	SF residence SF residence	1	65 65	2 2	No No	No No	54	Ldn Ldn	61 61	67 67			No Wall	N/A N/A	No No	54
	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
	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
Receivers east of 112th																	
to SE 30th and 111th	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
	2015 E 9819	SF residence SF residence	1	69 69	2	Yes Yes	No No	64 64	Ldn Ldn	64 64	70 70	1		No Wall No Wall	N/A N/A	Yes Yes	64 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
Same as above, second																	
row	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
	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 2036	SF residence	1	67	2	Yes	No	57	Ldn	63	68			No Wall	N/A	No	57
	2036	SF residence SF residence	1	67 65	2 2	Yes Yes	Yes Yes	60 56	Ldn Ldn	63 61	68 67			No Wall	Special Special	No No	59 55
Triangle north of SE	2030	or residence		00		163	163	30	Lun	01	07			INO Wall	Opeciai	140	33
30th																	
	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
	2061 2073	SF residence SF residence	1	69 69	2 2	Yes Yes	Yes Yes	73 70	Ldn Ldn	64 64	70 70		1	No Wall No Wall	Special Special	Yes Yes	68 68
	2073	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 2070	SF residence	1	65 67	2	Yes	Yes	57	Ldn	61	67			No Wall	Special	No No	56 60
	2070	SF residence SF residence	1	67	2 2	Yes Yes	Yes No	60 62	Ldn Ldn	63 63	68 68			No Wall	Special N/A	No No	60
Receptors on 112th Ave	2070	Oi idaluelloe		37		165	140	UZ	Luii	00	00	-	-	110 YVall	IN/A	140	UZ
SE and near Station Area																	
	2095	SF residence	1	69	2	Yes	No	60	Ldn	64	70			No Wall	N/A	No	60
	2095 2109 2124	SF residence SF residence SF residence	1 1 1	69 69 69	2 2 2	Yes Yes Yes	No No No	60 61 62	Ldn Ldn Ldn	64 64 64	70 70 70			No Wall No Wall No Wall	N/A N/A N/A	No No No	60 61 62

	Red	ceiver and Data Input Sec	tion					lm	oact A	nalysis	3			Pro	ject Mi	tigation	
Parcel #, Description	, Existing N	loise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nur	nber	Type of mitig	ation prop	osed	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 2225	SF residence SF residence	1	69 69	2	Yes Yes	No No	66 66	Ldn Ldn	64 64	70 70	1		No Wall	N/A N/A	Yes Yes	66 66
	2235	SF residence	1	69	2	Yes	No	66	Ldn	64	70	1		No Wall	N/A	Yes	66
Same as above, second	2200	Ci residence		03		103	140	00	Luii	04	70			140 VVaii	14/7 (	103	00
OW	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 2166	SF residence SF residence	1	65 67	2 2	Yes Yes	No No	56 65	Ldn Ldn	61 63	67 68	 1		No Wall No Wall	N/A N/A	No Yes	56 65
	2170	SF residence	1	65	2	Yes	No	57	Ldn	61	67			No Wall	N/A	Yes 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 2284	SF residence SF residence	1	69 69	2	Yes No	No No	67	Ldn Ldn	64	70 70	1		No Wall	N/A N/A	Yes Yes	67 67
	2288	SF residence	1	69	2	No	No	67 67	Ldn	64 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 60
	2289 2297	SF residence SF residence	1	67 67	2	No No	No No	60 59	Ldn Ldn	63 63	68 68			No Wall	N/A N/A	No 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 70	1		No Wall	N/A	Yes Yes	66
	2351 2361	SF residence SF residence	1	69 69	2	No No	No No	64 66	Ldn Ldn	64 64	70	1		No Wall	N/A N/A	Yes	64 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 2401	SF residence SF residence	1	69 69	2	No No	No No	65 66	Ldn Ldn	64 64	70 70	1		No Wall	N/A N/A	Yes Yes	65 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 3004	SF residence SF residence	1	69 67	2	Yes Yes	No No	62 58	Ldn Ldn	64 63	70 68			No Wall	N/A N/A	No No	62 58
MF Units at the 112th	3004	or residelice		07	2	res	INU	50	Lun	63	00	-	-	INO WAII	IN/A	INU	50
Υ	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

		ernative (B1) ceiver and Data Input Sec	tion					Im	pact Ai	nalveid				D.	oject Mi	tigation	
			lion					_									
Parcel #, Description	Parcel	Noise Levels and FTA Category  Description	Units	Labalta au	FTA-CAT	Noise : Bells	Sources X-Over	Project Ldn/Leq		FTA C	riteria Sev	Nun Mod	nber Sev	Type of mit Sound Wall	igation prop	lnsulation	Mitigated Ldn/Leg
Агеа	3010	MF Units at Y	Units 4	67	2	Yes	No No	60	Type Ldn	63	68	WOO.	Sev	No Wall	N/A	No	60
W of Alignment from S 19th St to SE 16th	00.10	IIII OINIO UL I		0.			110	00	2011	- 55	- 55			no maii		110	
	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 3094	SF residence SF residence	1	69 69	2 2	Yes Yes	No No	62 62	Ldn Ldn	64 64	70 70			No Wall No Wall	N/A N/A	No No	62 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 55	Ldn	62	68			No Wall	N/A	No No	59 55
	3117 3125	SF residence SF residence	1	65 66	2	No Yes	No No	58	Ldn Ldn	61 62	67 68			No Wall 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 3116	SF residence SF residence	1	69 69	2	Yes Yes	No No	64 63	Ldn Ldn	64 64	70 70	1		No Wall No Wall	N/A N/A	Yes No	64 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 3170	SF residence SF residence	1	69 69	2	Yes Yes	No No	67 68	Ldn Ldn	64 64	70 70	1		No Wall	N/A N/A	Yes Yes	67 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 3223	MF Residence MF Residence	6	65 69	2 2	Yes Yes	No No	57 66	Ldn Ldn	61 64	67 70	 4		No Wall No Wall	N/A N/A	No Yes	57 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 3300	SF residence	1	69	2	No	No	65	Ldn	64	70	1		No Wall	N/A	Yes	65 66
	3305	SF residence SF residence	1	69 66	2	No No	No No	66 59	Ldn Ldn	64 62	70 68			No Wall No Wall	N/A N/A	Yes 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	00.0	OT TOOLGOIGE					110	0.	20	0.				THE THEM		100	
,,,	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
		SF residence	1	69 69	2 2	No No	No No	68 68	Ldn Ldn	64 64	70 70	1		No Wall No Wall	N/A N/A	Yes Yes	68 68
	9823	SE recidence	1												IN/A	162	
	9823 3302	SF residence Displacement	1 0		2	Nο	l No	68	I dn	64	70			No Wall	N/A	Yes	68
	9823 3302 3329	Displacement	0 1	69	2 3	No No	No No	68 68	Ldn Lea	64 70	70 75	0		No Wall No Wall	N/A N/A	Yes No	68 68
	9823 3302		0			No No No	No No No	68 68 64	Ldn Leq Leq	70 70	70 75 75			No Wall No Wall No Wall	N/A N/A N/A	Yes No No	68 68 64
Same as above, 2nd and 3rd rows	9823 3302 3329 3368 3387	Displacement Church Bldg Church Bldg	0	69 69 69	3	No No	No No	68 64	Leq Leq	70 70	75 75			No Wall No Wall	N/A N/A	No No	68 64
	9823 3302 3329 3368	Displacement Church Bldg	0	69 69	3	No	No	68	Leq	70	75			No Wall	N/A	No	68

	Red	ceiver and Data Input Sec	tion					lm	oact Ai	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description	, Existing N	loise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	ation prop	osed	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/Led
	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 9825	SF residence SF residence	1	69 69	2	No No	No No	66 65	Ldn Ldn	64 64	70 70	1		No Wall	N/A N/A	Yes Yes	66 65
	3279	SF residence	1	66	2	No	No	60	Ldn	62	68	1		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 3310	SF residence SF residence	1	69 66	2 2	No No	No No	63 58	Ldn Ldn	64 62	70 68			No Wall	N/A N/A	No No	63 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
ast side, S of SE 11th																	
	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 3415	SF residence SF residence	1	69 69	2 2	No No	No No	68 68	Ldn Ldn	64 64	70 70	1		No Wall	N/A N/A	Yes Yes	68 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
ame as above, 2nd/3rd																	
ws																	
	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 3350	SF residence SF residence	1	66 66	2	No No	No No	57 58	Ldn Ldn	62 62	68 68			No Wall	N/A N/A	No No	57 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
/est side, 11th St to 8th t																	
ast side 10th to 8th	3434	Church Bldg	1	69	3	No	No	68	Leq	70	75			No Wall	N/A	No	68
Vest side 10th to 8th	3493	Displacement	0	69	2	No	No	67	Ldn	64	70	0		No Wall	N/A	Yes	67
	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 3508	Lot SF residence	0	69 69	2 2	No No	No No	64 66	Ldn Ldn	64 64	70 70	0		No Wall	N/A N/A	Yes Yes	64 66
	3516	SF residence	1	66	2	No	No	59	Ldn	62	68			No Wall	N/A	No	59
est side, SE 8th to 6th	0010	or residence	•	00		140	140	00	Luii	02	00			NO VVan	1077	140	00
	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
ame as above, 2nd	3605	Displacement	0	69	2	No	No	68	Ldn	64	70	0		No Wall	N/A	Yes	68
	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
ast side, SE 8th to N of	3606	SF residence	1	69	2	Yes	No	65	Ldn	64	70	1		No Wall	N/A	Yes	65
h St	3545	Fire Department		69	_	Yes	NI-	68	Ldn	64	70	1		No Wall	N/A	Yes	00
	3545	Fire Department SF residence	1	69	2 2	Yes	No No	66	Ldn	64	70 70	1		No Wall	N/A N/A	Yes	68 66

Bellevu	e Way Alto	ernative (B1)															
	Re	ceiver and Data Input Sect	ion					lm	pact Ai	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Des	cription, Existing I	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation pro	posed	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

11ZIII SL AI	-Grau	e Alternative (B2A)															
	Re	ceiver and Data Input Sec	tion					Im	pact Ar	alysis	;			Pro	oject Mi	itigation	
Parcel #, Description,	existing N	loise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	aation pro	posed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over		Ldn/Leq
D																	
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 1152/3	SF residence SF residence	1	67 67	2	No No	No No	65 65	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 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 1195	SF residence SF residence	1	67 67	2	No No	No No	65 65	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 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		0.5															
	1086 1106	SF residence SF residence	1	65 65	2	No No	No No	57 61	Ldn Ldn	61 61	67 67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	48 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 1177	SF residence	1	65	2	No	No	59	Ldn	61	67 67			Potential Sound Wall	N/A N/A	No No	50
	1177	SF residence SF residence	1	65 65	2	No No	No No	60 61	Ldn Ldn	61 61	67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 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 Ldn	64	70 70	1		Potential Sound Wall	N/A	No	59 58
	2003	SF residence Lot	0	69 69	2	No No	No No	67 66	Ldn	64 64	70	0		Potential Sound Wall Potential Sound Wall	N/A N/A	No 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 2023	SF residence SF residence	1	69 69	2	No No	No No	66 66	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	57 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 No	61	Ldn	63	68			Potential Sound Wall	N/A N/A	No No	52
	2032 2036	SF residence SF residence	1	67 67	2	No No	Yes	59 62	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	Special	No	51 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			4	60		Na			l de	64	70				Carriel	Na	F.7
	2040 2049	SF residence SF residence	1	69 69	2	No No	Yes Yes	68 68	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	Special Special	No No	57 57
	2049	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 2050	SF residence SF residence	1	67 65	2	No No	No No	61 57	Ldn Ldn	63 61	68 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	52 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
Pacantars on 112th Ava	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															N/A		
	2095	SF residence	1	69	2 2	No	No No	61 60	Ldn Ldn	64 64	70 70			Potential Sound Wall Potential Sound Wall	N/A N/A	No	53 51
	2109	SF residence	1	69		No										No	

	Da	solver and Data Innut Coa	tion					lm	A					Due	-i4 N/i	timotion	
	Re	ceiver and Data Input Sec	tion					IM	pact Ar	iaiysis	5			Pro	oject ivii	tigation	
Parcel #, Description	n, existing I	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of mitig	gation prop	posed	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 2210	SF residence SF residence	1	69 69	2	Yes Yes	No No	66 67	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	57 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, secon					_		1										
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 2146	SF residence SF residence	1	67 65	2 2	Yes Yes	No No	57 54	Ldn Ldn	63 61	68 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	48 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
C	2306	SF residence	1	69	2	No	No	67	Ldn	64	70	1		Potential Sound Wall	N/A	No	58
Same as above, secon- row	ם																
low	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 2333	SF residence SF residence	1	69 69	2 2	No No	No No	67 64	Ldn Ldn	64 64	70 70	1		Potential Sound Wall No Wall	N/A N/A	No Yes	60 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 69	2	No	No No	59	Ldn Ldn	64	70 70			No Wall	N/A N/A	No No	59
	2385	SF residence SF residence	1	69	2	No No	No	60 61	Lan	64 64	70			No Wall	N/A N/A	No No	60
	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
MF Units at the 112th	3004	SF residence	1	67	2	Yes	No	56	Ldn	63	68			No Wall	N/A	No	56
Υ     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

	Re	eceiver and Data Input Secti	on					lm	pact Ai	nalysis	S			Pro	oject Mi	itigation	
Parcel #, Description	n, existing l	Noise Levels and FTA Category				Noise	Sources		Analysis		Criteria	Nur	nber	Type of mit	gation prop	posed	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
	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
SF Units north of "Y", south of Bellefield Park																	
	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
	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
Bellefield Park																	
	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
	4050	MF units at Bellefield Park	2	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	54
0=11.11	4050	MF units at Bellefield Park	2	63	2	No	No	59	Ldn	60	66			Potential Sound Wall	N/A	No	53
SF Units along 111th Place																	
	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
	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 55
	5050	SF residence	1	64	2	Yes	No	58	Ldn	61	66			Potential Sound Wall	N/A	No	

	Re	ceiver and Data Input Se	ction					lm	pact Ar	nalvsis	;			Pro	iect Mi	itigation	
Daniel # Danasistics		•	CHOII														
Parcel #, Description Area	Parcel	Noise Levels and FTA Category  Description	Units	I dn/l og	FTA-CAT	Noise : Bells	Sources X-Over	Project Ldn/Leg	Analysis Type	FTA C	riteria Sev	Num Mod	nber Sev	Type of mitig	X-Over		Mitigated Ldn/Leg
1100	raicei	Description	Offics	Lunzeq	FIA-CAI	Della	X-Ovei	Luil/Leq	туре	IVIOU	Jev	WIOG	Jev	Journa Wali	X-Ovei	ilisulation	Luniteq
Receivers North of I-90,																	
Same for all alternatives	1007	PF residence	1	67	2	No	No	64	l do	60	60			No Wall	NI/A	No	64
	1087 1103	SF residence SF residence	1	67 67	2	No No	No No	61 61	Ldn Ldn	63 63	68 68			No Wall No Wall	N/A N/A	No No	61 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
Same as above, second	1203	SF residence	1	67	2	No	No	65	Ldn	63	68	1		Potential Sound Wall	N/A	No	56
ow																	1
iow .	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 69	2	No	No	66	Ldn	64 64	70 70	1		Potential Sound Wall	N/A	No	57
	2023 2026	SF residence SF residence	1 1	69	2	No No	No Yes	66 69	Ldn Ldn	64	70	1		Potential Sound Wall Potential Sound Wall	N/A Special	No No	57 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		OF TESTIGNICE		00		140	103	12	Edit	04	70			r oterniar courte vvan	Opeciai	140	- 55
	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 2021	SF residence	1	67 67	2	No No	No No	60 61	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 52
	2021	SF residence 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 64	70	1		Potential Sound Wall	N/A	No	57
	2094 2045	SF residence	1	69	2	No No	No No	66 61	Ldn Ldn	64	70 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	57 52
	2045	SF residence SF residence	1	67 67	2	No No	No No	61	Ldn	63	68			Potential Sound Wall Potential Sound Wall	N/A N/A	No 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															N/A		
	2095	SF residence	1	69	2	No	No	61	Ldn	64	70			Potential Sound Wall	N/A	No	53
	2109	SF residence	1	69 69	2	No Yes	No No	60 61	Ldn Ldn	64 64	70 70			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 52

	Re	ceiver and Data Input Se	ction					lm	pact Ai	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description		Noise Levels and FTA Category				Noise	Sources		Analysis	_	riteria	Nun	nber	Type of mitig	=		Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over		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 2225	SF residence SF residence	1	69 69	2	Yes Yes	No No	67 68	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	58 59
	2235	SF residence	1	69	2	Yes	No	68	Ldn	64	70	1		Potential Sound Wall	N/A	No	59
Same as above, secon		or redigence			_	100	110	- 00	Luii	0.				- Storidar Couria Train	1 47 1		- 00
row																	
	2104	SF residence	1	65	2	No	No	56	Ldn	61	67			Potential Sound Wall	N/A	No	47
	2116 2130	SF residence SF residence	1	65 67	2	No Yes	No No	57 57	Ldn Ldn	61 63	67 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	48 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
Receptors from 23rd S	2230	SF residence	1	67	2	No	No	59	Ldn	63	68		-	Potential Sound Wall	N/A	No	50
to 25th St																	
10 2011 01	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 2300	SF residence SF residence	1	69 69	2	No No	No No	74 74	Ldn Ldn	64 64	70 70		1	Potential Sound Wall Potential Sound Wall	N/A N/A	Yes Yes	64 64
	2306	SF residence	1	69	2	No	No	72	Ldn	64	70		1	Potential Sound Wall	N/A	No	63
Same as above, secon		Of residence	'	03		INO	140	12	Luii	04	70			i oteritiai Souria vvaii	IN/A	140	- 03
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 2297	SF residence SF residence	1	67 67	2	No No	No	60	Ldn Ldn	63	68 68			Potential Sound Wall	N/A N/A	No No	51
	2307	SF residence	1	67	2	No	No No	61	Ldn	63 63	68			Potential Sound Wall Potential Sound Wall	N/A	No	51 52
25th St to 112th "Y"	2307	Of residence	'	01		INO	140	01	Luii	0.5	00			i oteritiai Souria vvaii	IN/A	140	32
2011-01-10-1-12-11-1	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 2367	SF residence SF residence	1	69 69	2 2	No No	No No	71 64	Ldn Ldn	64 64	70 70	1	1	Potential Sound Wall Potential Sound Wall	N/A N/A	No No	62 55
	2367	SF residence SF residence	1	69	2	No	No	73	Ldn	64	70		1	Potential Sound Wall	N/A 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 64	70	1		Potential Sound Wall	N/A	No	59
	2407 2413	SF residence	1	69 69	2	No No	No No	74 74	Ldn Ldn	64	70 70		1	Potential Sound Wall Potential Sound Wall	N/A N/A	Yes Yes	65 65
	2413	SF residence SF residence	1	69	2	No	No	71	Ldn	64	70		1	Potential Sound Wall	N/A 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																	
Υ-	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 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

	Re	ceiver and Data Input Secti	on					lm	pact Ar	nalysis	3			Pr	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of miti	igation prop	osed	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
	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
SF Units north of "Y", south of Bellefield Park																	
	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
	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
Bellefield Park																	
	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 64	2	No	No	64 63	Ldn	61	66 66	4		Potential Sound Wall	N/A	No	55 54
	4050	MF units at Bellefield Park	2	63	2	No No	No No		Ldn Ldn	61	66	2		Potential Sound Wall	N/A	No	50
	4050 4050	MF units at Bellefield Park MF units at Bellefield Park	2	64	2	No	No	59 63	Lan	60 61	66	2		Potential Sound Wall Potential Sound Wall	N/A N/A	No 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
SF Units along 111th	4050	INF UTILS AL BEITEITEIT PAIK	2	63		INO	INO	02	Lun	60	00		-	Potential Sound Wall	IN/A	INO	53
Place																	
	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 5006	SF residence	1	65 65	2 2	Yes Yes	No No	64	Ldn Ldn	61	67 67	1	-	Potential Sound Wall	N/A N/A	No No	60
		SF residence	1		2			62 62		61 61	67			Potential Sound Wall		No No	58 59
	5013 5021	SF residence SF residence	1	65 65	2	Yes Yes	No No	62	Ldn Ldn	61	67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	59
	5021	SF residence	1	65	2	Yes	No	62	Lan	61	67	1		Potential Sound Wall	N/A N/A	No No	60
	5036	SF residence SF residence	1	65	2	Yes	No	62	Lan	61	67	1		Potential Sound Wall	N/A N/A	No No	60
	5039	SF residence	1	66	2	Yes	No	62	Ldn	62	68	1		Potential Sound Wall	N/A	No	60
	5059	SF residence	1	64	2	Yes	No	60	Ldn	61	66			Potential Sound Wall	N/A	No.	58

	Ro	ceiver and Data Input Sec	tion					lm	pact Ai	nalveis				Pre	niect Mi	tigation	
Daniel # Daniel		•	uon												-	_	
Parcel #, Description, Area	Parcel	Noise Levels and FTA Category  Description	Units	I dn/I oa	FTA-CAT	Noise S Bells	Sources X-Over	Project Ldn/Leq	Analysis Type	FTA C	riteria Sev	Nun Mod	lber Sev	Type of mitig	X-Over	lnsulation	Mitigated Ldn/Leg
Area	raicei	Description	Units	Lun/Leq	FIA-CAI	Della	x-over	Lun/Leq	туре	WIOU	Sev	WOU	Sev	Souria Wali	V-Ovei	insulation	Lunted
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 1137	SF residence SF residence	1	67 67	2	No No	No No	61 65	Ldn Ldn	63 63	68 68	 1		No Wall Potential Sound Wall	N/A N/A	No No	61 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																	
ow	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 o 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 69	2	No	No	66	Ldn	64	70	1		Potential Sound Wall	N/A	No	57 57
	2023 2026	SF residence	1	69	2	No No	No Yes	66 68	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A Special	No 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 ow		Of residence		09	2	NO	163	12	Luii	04	70		•	r oteritiai Souria Waii	Оресіаі	140	39
	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 2021	SF residence SF residence	1	67	2 2	No No	No No	60 61	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 52
	2021	SF residence	1	67 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 2055	SF residence SF residence	1	67 67	2	No No	No No	61 61	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	52 52
		SF residence	1	65	2	No	No	57	Ldn	61	67			Potential Sound Wall	N/A	No	48
					2	No	No	56	Ldn	61	67			Potential Sound Wall	N/A	No	46
	2050		1	65					Luii					. Storitiai Souria vvali			77
	2050 2054	SF residence	1	65 65	2			58	I dn	61	67			Potential Sound Wall			49
	2050 2054 2060	SF residence SF residence	1 1	65	2 2	No	No	58 61	Ldn Ldn	61 63	67 68			Potential Sound Wall Potential Sound Wall	N/A	No	49 52
	2050 2054 2060 2070	SF residence SF residence SF residence	1 1	65 67	2	No No	No No	61	Ldn	63	68			Potential Sound Wall	N/A N/A	No No	52
Receptors on 112th Ave	2050 2054 2060	SF residence SF residence	1	65	2 2	No	No								N/A	No	
E and near Station	2050 2054 2060 2070 2078	SF residence SF residence SF residence SF residence	1 1 1	65 67 67	2 2 2	No No No	No No No	61 61	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A N/A	No No No	52 52
Receptors on 112th Ave IE and near Station urea	2050 2054 2060 2070	SF residence SF residence SF residence	1 1	65 67	2 2	No No	No No	61	Ldn	63	68			Potential Sound Wall	N/A N/A N/A	No No	52

	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalvsis	;			Pro	oiect Mi	itigation	
Parcel #. Description		Noise Levels and FTA Category				Noise	Sources		Analysis			Nun	hor	Type of mitig	=	_	Mitigated
Area	Parcel	Description	Units	I dn/I ea	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over		Ldn/Leq
7.1.00	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 2225	SF residence	1	69	2	Yes	No	67	Ldn Ldn	64	70 70	1		Potential Sound Wall	N/A	No	58 59
	2225	SF residence SF residence	1	69 69	2	Yes Yes	No No	68 68	Ldn	64 64	70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	59
Same as above, secon		3F residence		09		162	INU	00	Luii	04	70	'		Foteritial Sourid Wall	IN/A	INU	39
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 2146	SF residence SF residence	1	67 65	2	Yes Yes	No No	57 54	Ldn Ldn	63 61	68 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	48 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
D	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
Same as above, secon	2306	SF residence	1	69	2	No	No	67	Ldn	64	70	1		Potential Sound Wall	N/A	No	58
row	<b>"</b>																
	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
25th St to 112th "Y"	2307	SF residence	1	67	2	No	No	59	Ldn	63	68			Potential Sound Wall	N/A	No	50
25111 51 10 1 12111 1	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 2384	Displacement Displacement	0	69 69	2	No No	No No	67 64	Ldn Ldn	64 64	70 70	0		No Wall	N/A N/A	Yes Yes	67 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 2421	SF residence SF residence	1	69 69	2	Yes Yes	No No	65 65	Ldn Ldn	64 64	70 70	1		No Wall No Wall	N/A N/A	Yes Yes	65 65
	3001	SF residence SF residence	1	69	2	Yes	No	65	Ldn	64	70	1		No Wall	N/A 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"	0040	MELLETE				V			1.1	6.1	70			NI- MI-II	NI/A		
	3010 3010	MF Units at Y MF Units at Y	4	69 69	2	Yes Yes	No No	61 62	Ldn Ldn	64 64	70 70			No Wall	N/A N/A	No No	61 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

	Re	eceiver and Data Input Secti	on					lm	pact Aı	nalysis	•			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nur	nber	Type of miti	gation pro	posed	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
	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
SF Units north of "Y", south of Bellefield Park																	
	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
	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
Bellefield Park																	
	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
	4050 4050	MF units at Bellefield Park	2	64	2	No No	No No	64 63	Ldn Ldn	61 60	66 66	2		Potential Sound Wall	N/A N/A	No No	58 57
SF Units along 111th	4050	MF units at Bellefield Park	2	63	2	INO	NO	63	Lan	60	00		-	Potential Sound Wall	IN/A	INO	5/
Place																	
	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 67		1	Potential Sound Wall	N/A	No	59
	5000 5006	SF residence	1	65 65	2	No No	No No	66 64	Ldn Ldn	61 61	67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	57 55
		SF residence	1								67	1	-		N/A N/A		
	5013 5021	SF residence	1	65 65	2	No No	No No	63 62	Ldn Ldn	61 61	67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	54 53
		SF residence										1				No No	53
	5026 5036	SF residence SF residence	1	65 65	2	No No	No No	61 60	Ldn Ldn	61 61	67 67	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No	52
	5036	SF residence SF residence	1	66	2	No	No	59	Ldn	62	68			Potential Sound Wall	N/A N/A	No No	50
	5059	SF residence	1	64	2	No	No	57	Ldn	61	66			Potential Sound Wall	N/A	No	48

	Red	ceiver and Data Input Sec	tion					lm	oact Ai	nalvsis				Pro	oject Mi	tigation	
Parcel #. Description		Noise Levels and FTA Category				Noiso 9	Sources	Project				Nun	hor	Type of mitig	=	_	Mitigate
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Led
N. // // 00		-															
Receivers North of I-90, Same for all alternatives																	i
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 1182	SF residence SF residence	1	67 67	2 2	No No	No No	65 65	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 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					_												
ow																	
	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		65	2	No	No	60	Ldn	61	67			Potential Sound Wall	N/A	No	51
	1175 1177	SF residence SF residence	1	65 65	2	No No	No No	59 60	Ldn Ldn	61 61	67 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	50 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
teceivers East of 112th	1202	6. 100,000,000		- 55	_			0.	Lun	0.	0.			r otomai couna rvan	1,47.		02
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 2001	SF residence SF residence	1	69 69	2 2	No No	No No	65 68	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 59
	2001	SF residence	1	69	2	No	No	67	Ldn	64	70	1		Potential Sound Wall	N/A	No	58
	2003	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
Same as above, second	2030	SF residence	1	69	2	No	Yes	72	Ldn	64	70		1	Potential Sound Wall	Special	No	59
ow																	
	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 2	No	No	60	Ldn	63 63	68 68			Potential Sound Wall	N/A N/A	No No	51 52
	2021	SF residence SF residence	1	67 67	2	No No	No No	61 59	Ldn Ldn	63	68			Potential Sound Wall Potential Sound Wall	N/A N/A	No	52
	2032	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
Friangle North of SE		235.65.155		30			.,0		Luii	31	3,			. Stormar Courie vvdii		.10	70
10th																	i
	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 2054	SF residence SF residence	1	65 65	2	No No	No No	57 56	Ldn Ldn	61 61	67 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	48 47
	2060	SF residence SF residence	1	65	2	No	No	58	Lan	61	67			Potential Sound Wall	N/A N/A	No	47
	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
teceptors on 112th Ave	2070	S. ISSIGNICO		31		140	.40	U1	Luii	00	00	_		. Storitiai Couriu vvdii	14// \	140	- 52
SE and near Station															N/A		
	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

	Re	ceiver and Data Input Sec	tion					Im	pact Ai	nalysis				Pro	oject Mi	tigation	
Parcel #, Descriptio	n, Existing I	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	osed	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 2178	SF residence	1	69 69	2	Yes	No	60	Ldn	64 64	70 70			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 53
	2178	Lot SF residence	0	69	2	Yes Yes	No No	62 66	Ldn Ldn	64	70	 1		Potential Sound Wall	N/A N/A	No	53
	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	1																
row	0404	05 11		0.5										D ( 1 1 0 1 1 1 1 1	21/2		
	2104 2116	SF residence SF residence	1	65 65	2 2	No No	No No	56 57	Ldn Ldn	61 61	67 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	47 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 49
	2211 2230	SF residence SF residence	1	67 67	2	Yes No	No No	58 59	Ldn Ldn	63 63	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	50
Receptors from 23rd St to 25th St	2230	3F Tesidefice	'	07	2	NO	INO	39	Luii	03	00			Potential Sound Wall	IN/A	INO	30
	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 2284	SF residence SF residence	1	69 69	2	No No	No No	69 69	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	60 60
	2288	SF residence	1	69	2	No	No	69	Ldn	64	70	1		Potential Sound Wall	N/A 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 2271	SF residence	1	67	2	No	No	60	Ldn	63	68			Potential Sound Wall Potential Sound Wall	N/A	No No	51
	2289	SF residence SF residence	1	67 67	2	No No	No No	58 60	Ldn Ldn	63 63	68 68			Potential Sound Wall	N/A N/A	No	49 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 2351	SF residence	1	69	2	No No	No	64	Ldn Ldn	64 64	70 70	1		No Wall No Wall	N/A N/A	Yes No	64
	2361	SF residence SF residence	1	69 69	2	No	No No	61 65	Ldn	64	70	 1		No Wall	N/A N/A	Yes	61 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 2401	SF residence	1	69	2 2	No	No	61	Ldn	64	70			No Wall	N/A N/A	No	61
	2401	SF residence SF residence	1 1	69 69	2	No Yes	No No	62 65	Ldn Ldn	64 64	70 70	 1		No Wall No Wall	N/A N/A	No Yes	62 65
	2407	SF residence SF residence	1	69	2	Yes	No	65	Ldn	64	70	1		No Wall	N/A 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
MF Units at the 112th	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 3010 3010	MF Units at Y MF Units at Y MF Units at Y	4 4	69 69 69	2 2 2	Yes Yes Yes	No No	61 62 62	Ldn Ldn Ldn	64 64 64	70 70 70			No Wall No Wall	N/A N/A N/A	No No No	61 62 62

	Re	eceiver and Data Input Secti	on					lm	pact Aı	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nur	nber	Type of miti	gation prop	oosed	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
	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
SF Units north of "Y", south of Bellefield Park																	
	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
	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
Bellefield Park																	
	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
	4050	MF units at Bellefield Park	2	64	2	Yes	No	63	Ldn	61	66	2		Potential Sound Wall	N/A	No	56
0511.7	4050	MF units at Bellefield Park	2	63	2	No	No	61	Ldn	60	66	2		Potential Sound Wall	N/A	No	55
SF Units along 111th Place																	
	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 50
	5006	SF residence	1	65	2	No	No	59	Ldn	61	67			Potential Sound Wall	N/A	No	
	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 N/A	No	59
	5026	SF residence	1	65	2	No	No	59	Ldn	61	67 67			No Wall	N/A N/A	No No	59
	5036 5039	SF residence SF residence	1	65 66	2	No No	No No	58 57	Ldn Ldn	61 62	68			No Wall No Wall	N/A N/A	No No	58 57
	5050	SF residence	1	64	2	No	No	57	Ldn	61	66			No Wall	N/A	No	57

	native	(5.)															
	Re	ceiver and Data Input Sect	tion					lm	pact Ai	nalysis	3			Pro	ject Mi	tigation	
Parcel #, Description	, Existing I	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation prop	osed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Receivers North of I-90, Same for all alternatives																	
came 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 1182	SF residence SF residence	1	67 67	2	No No	No No	65 65	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 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 1175	SF residence SF residence	1	65 65	2 2	No No	No No	60 59	Ldn Ldn	61 61	67 67			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 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 2	No	No	65	Ldn	64	70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No	56 55
	2003	SF residence Lot	0	69 69	2	No No	No No	64 62	Ldn Ldn	64 64	70 70	1		Potential Sound Wall	N/A N/A	No No	53
	2006	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 6097	MF Residence MF Residence	10	64 64	2	No No	Yes Yes	66 66	Ldn Ldn	61 61	66 66		10 10	Potential Sound Wall Potential Sound Wall	Special Special	No No	57 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)																	
MF Units: Mercer Park Condominiums (2680 118TH AVE SE, 17 Buildings, 3 story, 122 units)	6176	MF Residence	4	64	2	No	No	61	Ldn	61	66	4		Potential Sound Wall	N/A	No	55
	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 6209	MF Residence MF Residence	9	64 64	2	No No	No No	65 61	Ldn Ldn	61 61	66 66	9		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	58 54
	6209	MF Residence	9	64	2	No	No	67	Ldn	61	66		9	Potential Sound Wall	N/A 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

<b>BNSF Altern</b>	native	(B7)															
	Rec	eiver and Data Input Section	on					lm	oact An	alysis	;			Pro	ject Mi	tigation	
Parcel #, Description,	Existing N	oise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nur	ber	Type of mitig	ation prop	osed	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)																	
		MF Residence	9	64	2	No	No	65	Ldn	61	66	9		Potential Sound Wall	N/A	No	58
		MF Residence	9	64	2	No	No	66	Ldn	61	66		9	Potential Sound Wall	N/A	No	57
		MF Residence	12	64	2	No	No	63	Ldn	61	66	12		Potential Sound Wall	N/A	No	54
		MF Residence	9	64	2	No	No	62	Ldn	61	66	9		Potential Sound Wall	N/A	No	53
		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

		NE At-Grade Alternati	•												ingt Na	4 eve4	
		ceiver and Data Input Sec	tion					Im	pact Ai	naiysis				Pro	ject IVII	itigation	
Parcel #, Description		Noise Levels and FTA Category					Sources		Analysis			Nun		Type of mitig			Mitigate
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Le
12th 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
F Residences along 11th PL SE									-								
	4005	SF Homes Along SE 111th PI	1	64	2	No	Yes	68	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4007	SF Homes Along SE 111th PI	1	64	2	No	Yes	68	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4009	SF Homes Along SE 111th PI	1	64	2	No	Yes	69	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4011	SF Homes Along SE 111th PI	1	64	2	No	Yes	67	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4015	SF Homes Along SE 111th PI	1	64	2	No	Yes	68	Ldn	61	66		1	Potential Sound Wall	Special	No	58
	4019	SF Homes Along SE 111th PI	1	64	2	No	Yes	67	Ldn	61	66		1	Potential Sound Wall	Special	No	59
	4024	SF Homes Along SE 111th PI	1	64	2	No	Yes	66	Ldn	61	66		1	Potential Sound Wall	Special	No	59
	4028	SF Homes Along SE 111th PI	1	64	2	No	No	66	Ldn	61	66		1	Potential Sound Wall	N/A	No	59
	4032	SF Homes Along SE 111th PI	1	64	2	No	No	66	Ldn	61	66		1	Potential Sound Wall	N/A	No	59
	4036	SF Homes Along SE 111th PI	1	64	2	No	No	66	Ldn	61	66		1	Potential Sound Wall	N/A	No	59
	4040	SF Homes Along SE 111th PI	1	64	2	No	No	66	Ldn	61	66		1	Potential Sound Wall	N/A	No	59
	4041	SF Homes Along SE 111th PI	1	64	2	No	No	67	Ldn	61	66		1	Potential Sound Wall	N/A	No	58
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	67	Ldn	61	66		1	Potential Sound Wall	N/A	No	58
	4044	SF Homes Along SE 111th PI	1	67	2	No	No	66	Ldn	63	68	1	-	Potential Sound Wall	N/A	No	57
F Homes South of Main East of 110th PI		-															
	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
F 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
SF Residences along	5024	SF Homes near DT	1	64	2	Yes	No	56	Ldn	61	66			Potential Sound Wall	N/A	No	49
11th 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
F Residences along st 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
IF Residences along	3060	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66			Potential Sound Wall	N/A	No	48
08th Ave SE	2075	Dunlay Unita	2	64	2	Vee	No	F.7	Lala	64	66			Detential Cound M-1	NI/A	No	FO
	3075	Duplex Units		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		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
10th Ave Corridor	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68			Potential Sound Wall	N/A	No	56
08th 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
Jour Ave Corridor	C5050	MF Units near Main	12	66	2	Yes	No	65	Ldn	62	68	12		No Wall	N/A	Yes	65
	C0000	INIT UTILIS HEAT IVIAITI	12	66	2	Yes	No No	65	Lan	62	68	12		INO Wall	IV/A	res	65

Preferred 10	08th I	NE At-Grade Alternati	ve (C1	1A) fro	om Pre	eferre	d 112	th SE	Modifi	ed A	Iterna	itive (	B2M	)			
	Re	eceiver and Data Input Sect	ion					lm	pact Ar	alysis	;			Pro	ject Mi	tigation	
Parcel #, Description,	Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	osed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
	C6015	MF Units near 2nd PI	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	2	No	No	55	Ldn	64	70			No Wall	N/A	No	55		
	10001	Coast Hotel	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

		sashasa and Data Instal Co	4!	-			Е Вур	1		1'-				n		4141	
		eceiver and Data Input Sec	ction					Im	pact Ai	naiysis				Pro	ject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category					Sources	_	Analysis		riteria	Nun	nber	Type of mitig		1	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/Led
12th Ave - Front Line																	
Condos	4007	METHON												N. 147 II	N1/A		
	4037 4037	MF Units MF Units	5 4	69 69	2	No No	No	62	Ldn Ldn	64 64	70 70			No Wall	N/A N/A	No No	62 62
	4037	MF Units	4	69	2	No	No No	62 63	Ldn	64	70			No Wall	N/A	No	63
	4037	MF Units	4	69	2	No	No	63	Ldn	64	70			No Wall	N/A	No	63
SF Residences along						110	110	00	2011					No man	1,77		
	4041	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			No Wall	N/A	No	60
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			No Wall	N/A	No	60
	4044	SF Homes Along SE 111th PI	1	67	2	No	No	61	Ldn	63	68			No Wall	N/A	No	61
SF Homes South of	4045	SF Homes Along SE 111th PI	1	69	2	No	No	63	Ldn	64	70			No Wall	N/A	No	63
Main East of 110th Pl	5000	05.H DT		0.4	0	N-	Nie	0.4	Late	04	00	4		Detection Court Mall	NI/A	Na	
	5009	SF Homes near DT	1	64	2	No	No	64	Ldn	61	66	1		Potential Sound Wall	N/A	No	55
	5010 5011	SF Homes near DT SF Homes near DT	1	64 64	2	No No	No No	61 58	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	53 49
SF Residences on 110tl		Of Fidilles fiear D1		0-4		140	140	30	Luii	UI	00			i otoritiai oouriu vvali	14//\	140	70
Place SE	5018	SF Homes near DT	1	67	2	Yes	No	67	Ldn	63	68	1		Potential Sound Wall	N/A	No	59
	5018	SF Homes near DT	1	64	2	Yes	No	60	Ldn	61	66			Potential Sound Wall	N/A N/A	No No	59
	5017	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 I11th 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 5040	SF Homes near DT SF Homes near DT	1	64 67	2	Yes	No No	55 64	Ldn	61 63	66 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	49 57
	5039	SF Homes near DT	1	64	2	Yes Yes	No	57	Ldn Ldn	61	66	1		Potential Sound Wall	N/A	No	50
SF Residences along	5038	SF Homes near DT	1	64	2	Yes	No	55	Ldn	61	66			Potential Sound Wall	N/A	No	49
1st Street						.,											
	5044 5046	SF Homes near DT SF Homes near DT	1	67 67	2	Yes Yes	No No	64 63	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	57 57
	5046	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
MF Residences along 108th Ave SE	3060	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66			Potential Sound Wall	N/A	No	48
	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
110th Ave Corridor	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68			Potential Sound Wall	N/A	No	56
108th 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
. COUT / WO COTTIGOT	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 PI	20	66	2	Yes	No	67	Ldn	62	68	20		No Wall	N/A	Yes	67
Multi-Family Residences	s																
aong INE Out Ot	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48		No Wall	N/A	Yes	65
Bellevue Lake	55551	Bidroiii	40	3,		.03	.,,	55	Lan	30	30	70			,,,,	.00	- 00
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

Preferred 1	08th N	IE At-Grade Alternativ	e (C1	<i>1A)</i> fr	om 11	2th SI	Е Вур	ass (B	3) or I	BNSF	(B7)	Alte	nativ	/e			
	Red	ceiver and Data Input Section	on					lm	pact Ar	alysis	;			Pro	ject Mi	tigation	
Parcel #, Descriptio	n, Existing N	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation prop	osed	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

	Re	ceiver and Data Input Sec	tion					lm	pact Ar	nalvsis	3			Pro	oiect Mi	tigation	
Parcol # Description		Noise Levels and FTA Category				Natas			•	_		None	-1		•		Milloretad
Area	Parcel	Description	Units	I dn/I ea	FTA-CAT	Noise Bells	Sources X-Over	Project Ldn/Lea	Analysis Type	Mod	Criteria Sev	Nun Mod	Sev	Type of mitig	X-Over	Insulation	Mitigated Ldn/Leg
Alea	i ai cei	Description	Oilles	Luniteq	I IA-OAI	Della	X-OVEI	LairLeq	Турс	WOO	001	Wiou	001	Journa Warr	X-Over	modiation	Lanteq
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 PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4007	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1	-	Potential Sound Wall	N/A	No	56
	4009	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4011	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4015	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4019	SF Homes Along SE 111th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4024	SF Homes Along SE 111th PI	1	64	2	No	Yes	64	Ldn	61	66	1		Potential Sound Wall	Special	No	56
	4028	SF Homes Along SE 111th PI	1	64	2	No	Yes	66	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4032	SF Homes Along SE 111th PI	1	64	2	No	Yes	68	Ldn	61	66		1	Potential Sound Wall	Special	No	56
	4036 4040	SF Homes Along SE 111th PI	1	64 64	2	No No	Yes	69	Ldn Ldn	61	66 66		1	Potential Sound Wall	Special	No No	56 56
	4040	SF Homes Along SE 111th PI SF Homes Along SE 111th PI	1	64	2	No	Yes	69 67	Ldn	61 61	66		1	Potential Sound Wall Potential Sound Wall	Special	No	56
	4041	SF Homes Along SE 111th PI	1	64	2	No	Yes Yes	64	Ldn	61	66	 1		Potential Sound Wall	Special Special	No	56
	4042	SF Homes Along SE 111th PI	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	4044	or Homes world of That Th		O1		140	103	00	Edit	00	- 00			i dental count vvan	Ореска	140	07
	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	1																
	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	3																
J	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

	Re	eceiver and Data Input Sec	tion					lm	pact Ar	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation prop	osed	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 PI	1	64	2	No	No	63	Ldn	61	66	1		Potential Sound Wall	N/A	No	54
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	63	Ldn	61	66	1		Potential Sound Wall	N/A	No	54
	4044	SF Homes Along SE 111th PI	1	67	2	No	No	63	Ldn	63	68	1		Potential Sound Wall	N/A	No	54
	4045	SF Homes Along SE 111th PI	1	69	2	No	No	62	Ldn	64	70			Potential Sound Wall	N/A	No	53
SF Homes South of Main East of 110th PI																	
	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	s																
	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

	Re	eceiver and Data Input Sec	tion					lm	pact Ar	nalysis	3			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	Criteria	Nun	ber	Type of miti	gation pro	osed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
112th Ave SF at SE 4th																	
112th Ave of at oc 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	1001	or rimo Emo		0.		100		0.	Luii	0.	- 55			r dermar oberia vvan	1,071	110	0.
	4005	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4007	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4009	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4011	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4015	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4019	SF Homes Along SE 111th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4024	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4028	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4032	SF Homes Along SE 111th PI	1	64	2	Yes	No	63	Ldn	61	66	1		Potential Sound Wall	N/A	No	56
	4036 4040	SF Homes Along SE 111th PI	1 1	64 64	2	Yes Yes	No No	63 63	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 56
	4040	SF Homes Along SE 111th PI SF Homes Along SE 111th PI	1	64	2 2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A N/A	No	56
	4041	SF Homes Along SE 111th PI	1	64	2	Yes	No	62	Ldn	61	66	1		Potential Sound Wall	N/A N/A	No	56
	4044	SF Homes Along SE 111th PI	1	67	2	Yes	No	63	Ldn	63	68	1		Potential Sound Wall	N/A	No	57
SF Homes South of	4044	or Homes Along OL TITUTT	- '	07		163	140	0.5	Luii	03	- 00	'		i oteritiai Souriu vvaii	IN/A	140	37
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	n																
	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
M # 5 1 5 11	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																	
Dellarina La?	C8031	MF Bravern	48	67	2	Yes	No	65	Ldn	63	68	48		No Wall	N/A	Yes	65
Bellevue Lake Condominiums					_												
	10045 10045	Bellevue Lake Condos	8	58	2	No No	No No	65	Ldn	57	63		8	Potential Sound Wall	N/A N/A	No No	56 55
		Bellevue Lake Condos		58	2			64	Ldn	57	63			Potential Sound Wall			
Hotels	10045	Bellevue Lake Condos	4	58	2	No	No	64	Ldn	57	63		4	Potential Sound Wall	N/A	No	55
1101010	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	Lea	70	75			No Wall	N/A	No	65

		nnel Alternative (C1T	•					•	•								
	Re	ceiver and Data Input Sec	tion					lm	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise :	Sources	Project	Analysis	FTA C	riteria	Nun	ber	Type of miti	gation prop	posed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	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 Tu	unnel A	Alternative (C2T) fror	n 112tl	h SE A	t-Gra	de Alt	ernati	ive (B2	2A)								
	Red	ceiver and Data Input Sect	ion					lm	pact Ar	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description,	, Existing N	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation prop	osed	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				69													
	9005	Performing Arts Center	1	No	No	66	Leq	70	75			No Wall	N/A	No	66		

	Re	ceiver and Data Input Sec	tion					lm	pact Ar	alysis				Pro	ject Mi	itigation	
Parcel #. Description	. Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	ritoria	Num	her	Type of mitig	ation pro	nosed	Mitigated
Area	Parcel	Description	Units	I dn/I ea	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	•	Ldn/Leq
Alea	raicei	Description	Units	Lunzeq	FIA-CAI	Della	X-OVEI	Luil/Leq	Type	WOU	Jev	WIOG	Sev	Souria Waii	X-OVE	ilisulation	Luii/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 4003	SF Intersection SF Second Line	1	69 67	2	No No	Yes Yes	73 64	Ldn Ldn	64 63	70 68	 1	1	Potential Sound Wall Potential Sound Wall	Special Special	No No	57 52
	4003	SF Third Line	1	64	2	No	Yes	58	Ldn	61	66			Potential Sound Wall	Special	No	48
112th Ave - Front Line	4004	Of Third Line	•	04		140	163	30	Luii	01	00	-		i oteritiai Souriu vvaii	Оресіаі	140	40
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 4014	MF Units MF Units	3	69 69	2 2	No No	Yes No	66 66	Ldn Ldn	64 64	70 70	3		Potential Sound Wall Potential Sound Wall	Special N/A	No No	57 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
SF Residences along 111th PL SE																	
	4005	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4007	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4011 4015	SF Homes Along SE 111th PI SF Homes Along SE 111th PI	1	64 64	2	No No	Yes Yes	62 61	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	Special Special	No No	51 51
	4019	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4028	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4032	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66		-	Potential Sound Wall	N/A	No	51
	4036	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4040	SF Homes Along SE 111th PI	1	64	2	No	No	59	Ldn	61	66		1	Potential Sound Wall	N/A	No	50
	4041	SF Homes Along SE 111th PI	1	64	2	No	No	58	Ldn	61	66			Potential Sound Wall	N/A	No	49
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	58	Ldn	61	66			Potential Sound Wall	N/A	No	49
	4044 4045	SF Homes Along SE 111th PI	1	67 69	2 2	No No	No No	61 64	Ldn	63 64	68 70	 1		Potential Sound Wall	N/A N/A	No No	52 55
SF Homes South of	4045	SF Homes Along SE 111th PI	'	69	2	INO	INO	04	Ldn	04	70	1		Potential Sound Wall	IN/A	INO	55
Main East of 110th Pl																	
main Edot of Trotti T	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 10045	Bellevue Lake Condos Bellevue Lake Condos	4	58 58	2	No No	No No	63 63	Ldn	57 57	63 63		4	Potential Sound Wall Potential Sound Wall	N/A N/A	No No	54 54
Hotels	10045	Delievue Lake Condos	4	38		INO	INO	03	Ldn	5/	03	-	4	Foteritial Sound Wall	IN/A	INO	54
10000	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		1	No Wall	N/A	No	47

106th NE Tu	ınnel	Alternative (C2T) from	n 112t	h SE E	Bypass	s Alte	rnativ	e (B3)	or BN	ISF A	lterna	ative	(B7)				
	Re	ceiver and Data Input Sec	tion					lm	pact Aı	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of mitig	gation prop	osed	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																	
	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 T	unnel	Alternative (C3T) from	m 112t	h SE A	t-Gra	de Alt	ernati	ive (B	2A)								
	Re	ceiver and Data Input Sec	tion					lm	pact Ar	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of mitig	gation prop	osed	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
	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			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

Area  In the second of the sec		Ceiver and Data Input Sec  Noise Levels and FTA Category  Description  SF Intersection SF Second Line SF Third Line SF Third Line SF Third Line SF Third Line MF Units	Units  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	69 67 64 69 67 64	2 2 2 2 2 2 2 2 2 2 2	Noise Bells No No No No No No	Yes		Analysis Type  Ldn Ldn Ldn Ldn	_	70 68 66	Nun Mod	Sev	Sound Wall  Potential Sound Wall  Potential Sound Wall  Potential Sound Wall	X-Over  Special Special Special	Insulation  No No No No No	Mitigated Ldn/Leq
Area II  112th Ave SF at SE 4th  2 2 4 4 4 112th Ave - Front Line Condos 4 4 4 4 4 4 4 4 5 5 F Residences along	Parcel  4000 2001 2002 4002 4003 4004  4014 4014 4014 4014 4014 401	Description  SF Intersection SF Second Line SF Third Line SF Intersection SF Second Line SF Third Line  MF Units	1 1 1 1 1 1 1 1 3 3 3 3 3 3 3	69 67 64 69 67 64	2 2 2 2 2 2 2 2	No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes	73 64 58 73 64	Ldn Ldn Ldn Ldn Ldn	64 63 61	70 68 66	 1	1	Potential Sound Wall Potential Sound Wall Potential Sound Wall Potential Sound Wall	X-Over  Special Special Special	No No No	57 52
112th Ave SF at SE 4th  2 2 4 4 4 112th Ave - Front Line Condos 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4000 2001 2002 4002 4003 4004 4014 4014 4014 4014 4014 4014	SF Intersection SF Second Line SF Third Line SF Intersection SF Second Line SF Second Line SF Third Line  MF Units	1 1 1 1 1 1 1 1 3 3 3 3 3 3 3	69 67 64 69 67 64	2 2 2 2 2 2 2 2	No No No No	Yes Yes Yes Yes Yes	73 64 58 73 64	Ldn Ldn Ldn Ldn	64 63 61	70 68 66	 1	1	Potential Sound Wall Potential Sound Wall Potential Sound Wall	Special Special Special	No No No	57 52
112th Ave - Front Line Condos  4  4  4  4  4  4  4  4  4  4  4  4  5F Residences along	2001 2002 4003 4004 4014 4014 4014 4014 4014 4014	SF Second Line SF Third Line SF Intersection SF Second Line SF Third Line  MF Units	1 1 1 1 1 1 3 3 3 3 3 3	67 64 69 67 64 69 69 69	2 2 2 2 2 2	No No No	Yes Yes Yes Yes	64 58 73 64	Ldn Ldn Ldn	63 61	68 66	1		Potential Sound Wall Potential Sound Wall	Special Special	No No	52
112th Ave - Front Line Condos  4  4  4  4  4  4  4  4  4  4  4  4  5F Residences along	2001 2002 4003 4004 4014 4014 4014 4014 4014 4014	SF Second Line SF Third Line SF Intersection SF Second Line SF Third Line  MF Units	1 1 1 1 1 1 3 3 3 3 3 3	67 64 69 67 64 69 69 69	2 2 2 2 2 2	No No No	Yes Yes Yes Yes	64 58 73 64	Ldn Ldn Ldn	63 61	68 66	1		Potential Sound Wall Potential Sound Wall	Special Special	No No	52
112th Ave - Front Line Condos  4  4  4  4  4  4  4  4  4  4  4  4  4	2002 4002 4003 4004 4014 4014 4014 4014 4014 4014	SF Third Line SF Intersection SF Second Line SF Strind Line  MF Units	1 1 1 1 1 1 3 3 3 3 3 3	64 69 67 64 69 69 69	2 2 2 2 2	No No No	Yes Yes Yes	58 73 64	Ldn Ldn	61	66			Potential Sound Wall	Special	No	
112th Ave - Front Line Condos  4  4  4  4  4  4  4  4  4  4  4  4  5  FResidences along	4002 4003 4004 4014 4014 4014 4014 4014 4014	SF Intersection SF Second Line SF Third Line  MF Units	1 1 1 1 3 3 3 3 3	69 67 64 69 69 69	2 2 2	No No	Yes Yes	73 64	Ldn								48
112th Ave - Front Line Condos  4  4  4  4  4  4  4  5  Fresidences along	4003 4004 4014 4014 4014 4014 4014 4014	SF Second Line SF Third Line  MF Units	1 1 3 3 3 3 3 3	67 64 69 69 69	2 2 2	No	Yes	64		64							
112th Ave - Front Line Condos  4 4 4 4 4 4 4 4 5 FResidences along	4004 4014 4014 4014 4014 4014 4014 4014 4014 4014 4037 4037	SF Third Line  MF Units	3 3 3 3 3 3	69 69 69	2						70		1	Potential Sound Wall	Special		57
112th Ave - Front Line Condos  4  4  4  4  4  5  Fresidences along	4014 4014 4014 4014 4014 4014 4014 4014	MF Units	3 3 3 3 3	69 69 69	2	NO	Yes		Ldn Ldn	63 61	68 66	1		Potential Sound Wall	Special	No No	52 48
Condos  4  4  4  4  4  4  4  4  5  FResidences along	4014 4014 4014 4014 4014 4014 4014 4037 4037	MF Units	3 3 3 3	69 69				- 00	Lun	01	00			Potential Sound Wall	Special	INO	40
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4014 4014 4014 4014 4014 4014 4014 4037 4037	MF Units	3 3 3 3	69 69													
4 4 4 4 4 4 4 4 4 5 F Residences along	4014 4014 4014 4014 4014 4014 4014 4037 4037	MF Units	3 3 3 3	69 69		No	Yes	73	Ldn	64	70		3	Potential Sound Wall	Special	No	57
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 F Residences along	4014 4014 4014 4014 4014 4014 4037 4037	MF Units MF Units MF Units MF Units	3 3 3			No	Yes	73	Ldn	64	70		3	Potential Sound Wall	Special	No	57
4 4 4 4 4 4 4 5 F Residences along	4014 4014 4014 4014 4037 4037	MF Units MF Units MF Units	3		2	No	Yes	70	Ldn	64	70		3	Potential Sound Wall	Special	No	57
4 4 4 4 4 2 SF Residences along	4014 4014 4014 4037 4037	MF Units MF Units		69	2	No	Yes	70	Ldn	64	70		3	Potential Sound Wall	Special	No	57
2 2 4 4 2 SF Residences along	4014 4014 4037 4037	MF Units	2	69	2	No	Yes	65	Ldn	64	70	3		Potential Sound Wall	Special	No	54
2 4 4 2 SF Residences along	4014 4037 4037		3	69	2	No	Yes	66	Ldn	64	70	3		Potential Sound Wall	Special	No	57
2 4 2 SF Residences along	4037 4037	IME Units	3	69	2	No	No	66	Ldn	64	70	3		Potential Sound Wall	N/A	No	57
2 2 SF Residences along	4037	MF Units	3	69	2	No	No	66	Ldn	64	70 70	3		Potential Sound Wall	N/A	No	57 57
SF Residences along		MF Units	5 4	69 69	2 2	No No	No No	66 65	Ldn Ldn	64 64	70	5 4		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56
SF Residences along		MF Units	4	69	2	No	No	65	Ldn	64	70	4		Potential Sound Wall	N/A	No	56
SF Residences along	4037	MF Units	4	69	2	No	No	63	Ldn	64	70			Potential Sound Wall	N/A	No	54
	1001	···· c·····c		- 00	_	110		- 00		- 0.				r otorniar obarra rrain	1477	110	Ü.
111th PL SE																	
4	4005	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	51
ž.	4007	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4011	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4015	SF Homes Along SE 111th PI	1	64	2	No	Yes	61	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4019	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4028	SF Homes Along SE 111th PI	1	64	2	No No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51 51
	4032 4036	SF Homes Along SE 111th PI SF Homes Along SE 111th PI	1	64 64	2	No	No No	60 60	Ldn Ldn	61 61	66 66			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51
	4040	SF Homes Along SE 111th PI	1	64	2	No	No	59	Ldn	61	66			Potential Sound Wall	N/A	No	50
	4040	SF Homes Along SE 111th PI	1	64	2	No	No	58	Ldn	61	66			Potential Sound Wall	N/A	No	49
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	58	Ldn	61	66			Potential Sound Wall	N/A	No	49
	4044	SF Homes Along SE 111th PI	1	67	2	No	No	61	Ldn	63	68			Potential Sound Wall	N/A	No	52
	4045	SF Homes Along SE 111th PI	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		Ü															
	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 9018	SF residences north of NE 12th SF residences north of NE 12th	1	64 69	2	No No	No No	63 69	Ldn Ldn	61 64	66 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	56 60
	8084	SF residences north of NE 12th	1	69	2 2	No	No	61	Ldn	64	70			Potential Sound Wall	N/A	No	52
MF Residences Along NE 12th Street	0004	OF residences notifi of the 12th	<b>'</b>	09	2	INU	INU	01	Luii	04	70			Potential Sound Wall	IN/A	INO	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
	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16		Potential Sound Wall	Special	No	55
4	4001	Bellevue Club Rooms	16	68	2	No	Yes	68	Ldn	63	69	16		Potential Sound Wall	Special	No	55
4	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 T	unnel	Alternative (C3T) fro	m 112	th SE	Bypas	s Alt	ernati	ve (B3	) or B	BNSF	Alter	nativ	e (B	7)			
	Re	ceiver and Data Input Sect	ion					lm	pact Ar	nalysis	5			Pro	ject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of miti	gation pro	oosed	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
	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																	
	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

	D^	ceiver and Data Input Sec	tion					Im	pact Ai	nalveid				Dva	ioct M	itigation	
			tion					IM	pact Al	naiysis	i			Pro	oject ivii	tigation	
Parcel #, Description		Noise Levels and FTA Category					Sources	Project	Analysis		riteria		nber	Type of mitig		_	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
12th 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
112th Ave - Front Line	4004	SF Third Line	1	64	2	No	No	57	Ldn	61	66			Potential Sound Wall	N/A	No	48
Condos																	
2011003	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 4037	MF Units MF Units	4	69 69	2 2	No No	Yes Yes	70 67	Ldn Ldn	64 64	70 70	4	4	Potential Sound Wall Potential Sound Wall	Special Special	No No	56 54
SF Residences along	4037	IMP Offices	4	69	2	INO	res	07	Lan	04	70	4	-	Potential Sound Wall	Special	INO	54
	4005	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4007	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4009	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4011	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4015	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4019	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4024	SF Homes Along SE 111th PI	1	64	2	No	Yes	61	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4028	SF Homes Along SE 111th PI	1	64	2	No	Yes	61	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4032	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4036	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4040	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	50
	4041 4042	SF Homes Along SE 111th PI SF Homes Along SE 111th PI	1	64 64	2 2	No No	Yes Yes	62 61	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	Special Special	No No	50 49
	4044	SF Homes Along SE 111th PI	1	67	2	No	Yes	62	Ldn	63	68			Potential Sound Wall	Special	No	52
	4045	SF Homes Along SE 111th PI	1	69	2	No	Yes	67	Ldn	64	70	1		Potential Sound Wall	Special	No	55
SF Homes South of	10.10	Of Trained Flaning CE TTTATT	·			.,,	100	0.	2011	0.				- Storing Council Train	Opoolai		- 00
Main East of 110th PI																	
	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																	
Iddo OL	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
F Residences along 11th Ave SE	5004																
	5034	OF.U. DT				.,								2			
	5033 5032	SF Homes near DT SF Homes near DT	1	64 64	2 2	Yes	No No	60	Ldn	61	66			Potential Sound Wall Potential Sound Wall	N/A	No No	51 50
	5032	SF Homes near DT	1	64	2	Yes Yes	No	57 55	Ldn Ldn	61 61	66 66			Potential Sound Wall	N/A 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	3000	5		04	-	. 00	.10	54	Lan	31	30			. Itomiai Couna vvali		.40	
st 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 Ait	Cillati	ve (C4A) from 112th		Jiauc	AILEIII	alive	(DZA)	, 01 11	201 3		valcu	AILC	matri	(DZL)			
-	Re	ceiver and Data Input Sec	tion					lm	pact A	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation prop	osed	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 3076	SF Homes near DT SF Homes near DT	1	64 64	2	Yes Yes	No	52 61	Ldn Ldn	61 61	66 66	 1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51
	3076	SF Homes near DT	1	64	2	Yes	No No	56	Ldn	61	66			Potential Sound Wall	N/A 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 2	Yes	No No	55 54	Ldn	61	66			No Wall	N/A	No No	55 54
	3069 3063	Duplex Units Duplex Units	2	64 64	2	Yes Yes	No	54	Ldn Ldn	61 61	66 66			No Wall No Wall	N/A N/A	No	52
	3074	Apartment	8	67	2	Yes	No	59	Ldn	63	68			No Wall	N/A	No	59
110th Ave Corridor	007.1	riparimoni			_		110	00	2011					Tto Train	14/73	110	- 55
	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 C8024	MF - Abella on 110th MF - Abella on 110th	18	66 66	2 2	Yes Yes	No No	64 64	Ldn Ldn	62 62	68 68	18 12		No Wall	N/A N/A	Yes Yes	64 64
	C8024 C8031	MF Bravern	48	66	2	Yes	No No	64	Ldn	62	68	48		No Wall	N/A 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
1001 1 0 11	C8052	Bellevue Library	1	67	3	Yes	No	64	Leq	69	73			No Wall	N/A	No	64
108th Ave Corridor	05050	MF Units near Main	12	00	0	V	NI-	65	Late	62	68	40		No Wall	N/A	Yes	65
	C5050 C5051	MF Units near Main	16	66 66	2 2	Yes Yes	No No	64	Ldn Ldn	62	68	12 16		No Wall	N/A	Yes	64
	C6015	MF Units near 2nd PI	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
Unite clana NF 10th Ct	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																	i .
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 8064	SF Homes north of 12th SF Homes north of 12th	1	64 64	2	Yes Yes	No No	65 67	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	58 59
Units along NE 12th St. west of 112th	0004	SE Homes north of 12th	-	64	2	res	INO	67	Lan	01	00			Potential Sound Wall	IN/A	INO	59
WCOLUI IIZUI	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
MF Residences Along NE 12th Street	8084	SF residences north of NE 12th	1	69	2	Yes	No	60	Ldn	64	70			Potential Sound Wall	N/A	No	54
	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
Medical	9017	Verona Apartments, East Bldg.	6	67	2	No	No	64	Ldn	63	68	6		Potential Sound Wall	N/A	No	55
	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

	D^	ceiver and Data Input Sec	tion					lm	pact Ai	nalveis				Dva	ioct M	itigation	
		•	uon						1						•		
Parcel #, Description	_	Noise Levels and FTA Category					Sources	_	Analysis			Nun		Type of mitig			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/Led
12th 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
OF Desidence stees	4037	MF Units	4	69	2	Yes	No	59	Ldn	64	70			Potential Sound Wall	N/A	No	50
SF Residences along																	
I11th PL SE	4041	SF Homes Along SE 111th PI	1	64	2	Yes	No	56	Ldn	61	66			Potential Sound Wall	N/A	No	47
	4042	SF Homes Along SE 111th PI	1	64	2	Yes	No	55	Ldn	61	66			Potential Sound Wall	N/A	No	46
	4044	SF Homes Along SE 111th PI	1	67	2	Yes	No	57	Ldn	63	68			Potential Sound Wall	N/A	No	48
	4045	SF Homes Along SE 111th PI	1	69	2	Yes	No	60	Ldn	64	70			Potential Sound Wall	N/A	No	50
SF Homes South of	10.0	Ci Tiemes 7 lieng CE TT lii TT		- 00	_		1.0	- 00		0.				r otoritar oodira rvan	14,71	110	- 00
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	1																
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
			_														
	5025 5024	SF Homes near DT SF Homes near DT	1	64 64	2	Yes	No No	60 56	Ldn	61	66 66			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 49
SF Residences along 111th Ave SE	3024	or nomes near D1	1	04	2	Yes	NO	36	Ldn	61	00		-	Potential Sound Wall	IN/A	NO	49
	E022	SF Homes near DT	1	64	2	Vee	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	5033 5032	SF Homes near DT	1	64	2	Yes Yes	No	57	Ldn	61	66			Potential Sound Wall	N/A N/A	No	50
	5032	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
	3068	SF Homes near DT	1	64	2	Yes	No	53	Ldn	61	66			Potential Sound Wall	N/A	No	45 44
	3061 3076	SF Homes near DT SF Homes near DT	1	64 64	2	Yes	No No	52 61	Ldn Ldn	61 61	66 66	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51
	3071	SF Homes near DT	1	64	2	Yes 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	0000	or morrison by		· · ·	_	100	- 110	- 52		0.				r otoritar oodira rvan			
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
10th 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 59
	C6015	MF - Pinnacle Bell Centre	16	66		Yes	No	59	Ldn	62	68			No Wall	N/A	No	
	C8024	MF - Abella on 110th	18 12	66	2	Yes	No	64	Ldn	62	68	18		No Wall	N/A	Yes	64 64
	C8024 C8031	MF - Abella on 110th MF Bravern	12 48	66 66	2	Yes Yes	No No	64 64	Ldn Ldn	62 62	68 68	12 48		No Wall	N/A N/A	Yes Yes	64 64
	C8031 C8037													No Wall	N/A N/A		
	C8037	Marriott Hotel MF Units on 110th (9th to 10th)	24 24	66 66	2	Yes Yes	No No	64 64	Ldn Ldn	62 62	68 68	24 24		No Wall	N/A N/A	Yes Yes	64 64
	C8045	MF units on 110th (9th to 10th)	12	66	2	Yes	No	64	Lan	62	68	12		No Wall	N/A 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 (10th to 11th)	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

	Re	eceiver and Data Input Sec	tion					Im	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	osed	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 PI	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	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
	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	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

	Re	ceiver and Data Input Sec	tion					lm	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel # Description		Noise Levels and FTA Category				Noise	Sources		Analysis		Criteria	Nico	nber	Type of miti	_		Mitigated
Area	Parcel	Description	Units	I dn/I ea	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
7.1.04		2000.тр.гол					X 0 10.	24.0204	.,,,,,						7. 0.10.		20.7204
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 SF Third Line	1	67 64	2	No No	No No	60 57	Ldn Ldn	63 61	68 66			Potential Sound Wall	N/A N/A	No No	52 48
	4002	SF Intersection	1	69	2	No	Yes	69	Ldn	64	70	1		Potential Sound Wall Potential Sound Wall	Special	No	57
	4002	SF Second Line	1	67	2	No	Yes	62	Ldn	63	68			Potential Sound Wall	Special	No	52
	4004	SF Third Line	1	64	2	No	Yes	57	Ldn	61	66			Potential Sound Wall	Special	No	48
112th Ave - Front Line Condos	4004	OF THIRD EITH		04		140	103	01	Luii	01	- 00			r derital courts van	Оресная	140	40
	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	N/A No   No   No   No   No   No   No   No	57	
	4014	MF Units	3	69	2	No	No	65	Ldn	64	70	3		Potential Sound Wall		57	
	4037	MF Units	5	69	2	No	No	66	Ldn	64	70	5		Potential Sound Wall		57	
	4037	MF Units	4	69	2	No	No	66	Ldn	64	70	4		Potential Sound Wall		57	
	4037 4037	MF Units MF Units	4	69 69	2 2	No No	No No	66 66	Ldn Ldn	64 64	70 70	4		Potential Sound Wall Potential Sound Wall			57 57
SF Residences along 111th PL SE	4037	MF Units	4	69	2	NO	INO	00	Lan	64	70	4		Potential Sound Wall	IN/A	NO	57
TITUTE OL	4005	SF Homes Along SE 111th PI	1	64	2	No	Yes	61	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4007	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4009	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4011	SF Homes Along SE 111th PI	1	64	2	No	Yes	63	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4015	SF Homes Along SE 111th PI	1	64	2	No	Yes	62	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4019	SF Homes Along SE 111th PI	1	64	2	No	Yes	61	Ldn	61	66	1		Potential Sound Wall	Special	No	51
	4024	SF Homes Along SE 111th PI	1	64	2	No	Yes	60	Ldn	61	66			Potential Sound Wall	Special	No	51
	4028	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4032	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4036	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66		-	Potential Sound Wall	N/A	No	51
	4040	SF Homes Along SE 111th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	4041	SF Homes Along SE 111th PI	1	64	2	No	No	59	Ldn	61	66			Potential Sound Wall	N/A	No	50
	4042	SF Homes Along SE 111th PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
	4044	SF Homes Along SE 111th PI	1	67	2	No	No	61	Ldn	63	68			Potential Sound Wall	N/A	No	52
SF Homes South of Main East of 110th PI	4045	SF Homes Along SE 111th PI	1	69	2	No	No	64	Ldn	64	70	1		Potential Sound Wall	N/A	No	55
	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
	5011	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																	
	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 70	24		Potential Sound Wall	N/A N/A	No	55
	9017	Apartments	16	69	2	No No	No No	65 65	Ldn	64 64	70	16	-	Potential Sound Wall	N/A N/A	No No	56 56
	9017 9018	Apartments SF residences north of 112th	8	69	2				Ldn			8		Potential Sound Wall	N/A N/A		
	9018 8084	SF residences north of 112th SF residences north of 112th	1	67 67	2	No No	No No	63 63	Ldn Ldn	63 63	68 68	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	54 54
	8084	SF residences north of 112th SF residences north of 112th	1	67	2	No	No	62	Ldn	63	68			Potential Sound Wall	N/A N/A	No No	53

	Re	ceiver and Data Input Sec	tion					lm	pact An	alvsis	;			Pro	iect Mi	tigation	
Parcel #, Desc		Noise Levels and FTA Category				Noise S	Sources		Analysis	FTA C		Nun	nber	Type of mitig	,		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
		· · · · · · · · · · · · · · · · · · ·															

	Re	ceiver and Data Input Sec	tion					Im	pact An	alysis	;			Pro	oject Mi	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	gation pro	posed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	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																	
TTIUTTESE	4036	SF Homes Along SE 111th PI	1	64	2	Yes	No	56	Ldn	61	66			Potential Sound Wall	N/A	No	48
	4040	SF Homes Along SE 111th PI	1	64	2	Yes	No	57	Ldn	61	66			Potential Sound Wall	N/A	No	48
	4041	SF Homes Along SE 111th PI	1	64	2	Yes	No	56	Ldn	61	66			Potential Sound Wall	N/A	No	47
	4042	SF Homes Along SE 111th PI	1	64	2	Yes	No	59	Ldn	61	66			Potential Sound Wall	N/A	No	50
	4044	SF Homes Along SE 111th PI	1	67	2	Yes	No	61	Ldn	63	68			Potential Sound Wall	N/A	No	52
	4045	SF Homes Along SE 111th PI	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 PI																	
	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

	Pa	ceiver and Data Input Sec	tion					Im	pact Ar	alveid				Dva	ioot Mi	itigation	
			tion					IIII	pact Al	iaiysis				Pro	ject ivii	tigation	
Parcel #, Description	n, Existing	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	ation prop	posed	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 Alartments	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
	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	Lea	69	73			Potential Sound Wall	N/A	No	57
SF Units North of NE 12th Street									·								
	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
	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
lotels																	
	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
	7003	Sheraton Bellevue	60	71	2	No	No	69	Ldn	66	71	60		Potential Sound Wall	N/A	No	60
Medical																	
	9024	Overlake Hospital (childbirth)	1	67	2	Yes	No	61	Ldn	63	68			No Wall	N/A	No	61

	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description	Existing I	Noise Levels and FTA Category				Noise :	Sources		Analysis	_		Nun	nber	Type of mitig	ation pror	nosed	Mitigate
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Led
Single Family Residences near SE 4th Ave																	
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 C4004	SF Res near SE 4th Yard SF Res near SE 4th Yard	1	67 64	2 2	Yes Yes	Yes Yes	62 56	Ldn Ldn	63 61	68 66			Potential Sound Wall Potential Sound Wall	Special Special	No No	53 49
	C4004	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																	
DE 4III AVE IO DE 13I I I	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 C4014	MF Units along SE 112th MF Units along SE 112th	2	70 70	2	No No	No No	67 67	Ldn Ldn	65 65	70	2		Potential Sound Wall Potential Sound Wall	N/A	No No	58 58
	C4014	MF Units along SE 112th	1	70	2	No	No	67	Ldn	65 65	70 70	1		Potential Sound Wall	N/A 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 C4014	MF Units along SE 112th MF Units along SE 112th	2	70 70	2	No No	No No	67 67	Ldn Ldn	65 65	70 70	2		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	58 58
	C4014	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 C4037	MF Units along SE 112th MF Units along SE 112th	2	70 70	2	No No	No No	67 67	Ldn Ldn	65 65	70 70	2		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	58 58
Single Family Residences along SE Ist 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 C5006	SF units on SE 1st PL SF units on SE 1st PL	1	69 69	2 2	No Yes	No No	64 63	Ldn Ldn	64 64	70 70	1		Potential Sound Wall Potential Sound Wall	N/A N/A	No No	55 54
	C5006	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 C5025	SF on 110th PL SF on 110th PL	1	62 59	2	Yes Yes	No No	66 60	Ldn Ldn	59 58	65 64	1	1	Potential Sound Wall Potential Sound Wall	N/A N/A	Yes No	60 54
	C5025	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 C6015	MF - Sir Gallahad 110th at Main MF - Pinnacle Bell Centre	8	66 66	2	Yes Yes	No No	65 62	Ldn Ldn	62 62	68 68	8		No Wall	N/A N/A	Yes Yes	65 62

110th NE At	t-Grac	de Alternative (C9A) f	rom 11	2th S	E At-G	rade	Altern	ative (	B2A)								
	Re	eceiver and Data Input Sec	tion					lm	pact Ar	alysis	;			Pro	ject Mi	tigation	
Parcel #, Description	, Existing	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	Criteria	Nun	nber	Type of mitig	gation pro	oosed	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																	l
	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

	Re	ceiver and Data Input Sec	tion					lm	pact Ar	nalysis	;			Pro	ject Mi	tigation	
Parcel #, Description	, Existing I	Noise Levels and FTA Category				Noise	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	ation prop	osed	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
OiI- Fil-	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																	
	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	05004	ME St. O. H. L. LAGO.										- 10			11/0	V	
	C5021	MF - Sir Gallahad 110th at Main MF - Sir Gallahad 110th at Main	12	66	2	Yes	No No	64 65	Ldn	62	68 68	12		No Wall No Wall	N/A	Yes Yes	64 65
	C5021	MF - Sir Gallanad 110th at Main MF - Pinnacle Bell Centre	8	66	2	Yes			Ldn	62		8			N/A		
	C6015	MF - Pinnacie Bell Centre MF - Pinnacie Bell Centre	16	66 66	2	Yes Yes	No No	62 61	Ldn Ldn	62 62	68 68			No Wall No Wall	N/A N/A	Yes No	62 61
	C8024	MF - Abella on 110th	18	66	2	Yes	No	64	Lan	62	68	18		No Wall	N/A	Yes	64
	C8024	MF - Abella on 110th	12	66	2	Yes	No	64	Lan	62	68	12		No Wall	N/A	Yes	64
Multi-Family Residences along NE 6th St	C6024	MF - Abelia on 110m	12	00	2	res	NO	64	Lan	62	00	12		NO Wall	IN/A	res	04
	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	1	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	1	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
leydenbauer Center																	
	9005	Performing Arts Center	1	69	1	Yes	No	63	Leq	70	75	-		No Wall	N/A	No	63

114th Aven	ue NE	Elevated Alternative	(C14E	) from	112th	SE E	Bypas	s (B3)	or BN	ISF (E	37) A	lterna	tive				
	Re	ceiver and Data Input Sec	tion					lm	pact Ai	nalysis	3			Pro	oject Mi	tigation	
Parcel #, Description	, Existing I	Noise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA (	Criteria	Nun	nber	Type of miti	gation prop	osed	Mitigated
Area	Parcel	Description	Units	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	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 South         18         69           4020         Bellevue Hilton North         18         69							65	Ldn	64	70	18		Potential Sound Wall	N/A	No	56

Preferred NE	16th A	t-Grade Alternative (D2)	A) fron	n Prefe	erred 1	08th N	E At-G	rade (	C11A)	or Pre	eferre	d 110t	h NE	Tunnel (C9T)	Altern	ative	
	Red	eiver and Data Input Section	on					lm	pact Ar	alysis	;			Proj	iect Mi	tigation	
Parcel #, Description	#, Description, Existing Noise Levels and FTA Category					Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitiga	ation prop	osed	Mitigated
Area	#, Description, Existing Noise Levels and FTA Category  Parcel Description Units Ldn/Leq F					Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
																	ĺ
D2A	1205 PNB 1 56						No	62	Leq	63	68			N/A	N/A	No	62

D2A - 120th S	Station	and NE 24th Design Op	tions f	rom <i>Pi</i>	referre	d 108t	h NE A	t-Grad	le (C11	A) or	Prefe	red 1	10th I	NE Tunnel (C9	T) Alte	ernative	
	Rec	eiver and Data Input Section	on					lm	pact An	alysis				Pro	ject Mi	tigation	
Parcel #, Description	, Existing N	oise Levels and FTA Category			Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	Mitigated	
Area	Parcel	FTA-CAT	Bells	X-Over	Ldn/Leq	Type	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq			
	Parcel Description Units Ldn/Leq F																
D2A DO	1205	PNB	56	3	Yes	No	62	Leq	63	68	-		N/A	N/A	No	62	

NE 16th Elev	ated A	Iternative (D2E) from 108	3th NE	Tunne	el (C3T	), Cou <sub>l</sub>	plet (C	4A), 11	2th SE	Elev	ated (	C7E),	or 11	0th NE Elevat	ed (C8	E) Altern	ative
	Re	ceiver and Data Input Section	on					lm	pact An	alysis				Pi	roject N	litigation	
Parcel #, Description	, Existing I	Noise Levels and FTA Category			Noise S	ources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	Mitigated	
Area	Parcel	Description	Ldn/Leq	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq	
D2E																	
	1002	Children's Hospital	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 Ele	vated	Alternative (D2E) fron	n Bell	evue \	Way T	unnel	(C1T)	or 10	6th NE	E Tun	nel (	C2T)	Alteri	native			
	Red	ceiver and Data Input Section	on					lm	pact An	alysis				Pro	ject Mi	tigation	
Parcel #, Description	el #, Description, Existing Noise Levels and FTA Category							Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	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	3	No	No	63	Leq	63	68	1		No	No	Yes	63		

NE 20th Al	Iternative	(D3) from 108th NE Tun	nel (C	3T), Co	ouplet (	C4A),	112th	SE Ele	vated (	(C7E)	, or 11	0th N	E Ele	vated (C8E) A	Iterna	tive	
	Red	ceiver and Data Input Section	on					Im	pact An	alysis	;			Pro	ject Mi	tigation	
Parcel #, Descrip	otion, Existing N		Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	Mitigated			
Area								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 A	ternativ	/e (D3) from Bellevue	Way <sup>-</sup>	Tunne	I (C1T	) or 10	06th N	IE Tur	nel (C	2T) A	Altern	ative					
	Red	ceiver and Data Input Section	on					lm	pact Ar	nalysis				Pro	ject M	itigation	
Parcel #, Description	n, Existing N		Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	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	Tareer pescription Sinto EdinEsq 1																
	4230	Silver Cloud Inn Hotel	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 Alt	ternative	(D5) from 108th NE Tunr	nel (C3	T), Co	uplet (0	C4A), 1	12th S	SE Elev	ated (	C7E),	or 110	th NE	Elev	ated (C8E) Alt	ternati	ve	
	Red	ceiver and Data Input Section	on					Im	pact An	alysis	;			Pro	ject Mi	tigation	
Parcel #, Descrip	#, Description, Existing Noise Levels and FTA Category						Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of mitig	ation prop	osed	Mitigated
Area	Parcel	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					Yes	No	65	Ldn	61	67	1		Potential Sound Wall	N/A	No	58
	2132 Apartments (12628 Northup Way) 10 70						No	73	Ldn	65	70		10	Potential Sound Wall	N/A	No	64

SR 520 Alte	rnative	e (D5) from Bellevue V	Nay T	unnel	(C1T)	or 10	6th N	E Tun	nel (C	2T) A	Iterna	ative					
	Red	eiver and Data Input Section	on					lm	pact Ar	alysis	;			Pro	ject Mi	tigation	
Parcel #, Description	#, Description, Existing Noise Levels and FTA Category						Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation prop	osed	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					No	No	73	Ldn	65	70		10	Potential Sound Wall	N/A	No	64
	2132 Apartments (12020 Notural) vvay) 10 10 2																

	Rec	eiver and Data Input Secti	on					Im	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, existing N	oise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	osed	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																	
		SF Residence on NE 67th PI	1	64	2	No	No	64	Ldn	61	66	1		Potential Sound Wall	N/A	No	55
		SF Residence on NE 67th PI	1	66	2	No	No	65	Ldn	62	68	1		Potential Sound Wall	N/A	No	56
		SF Residence on NE 67th PI	1	68	2	No	No	70	Ldn	63	69		1	Potential Sound Wall	N/A	No	61
		SF Residence on NE 67th PI	1	68	2	No	No	70	Ldn	63	69		1	Potential Sound Wall	N/A	No	61
		SF Residence on NE 67th PI	1	68	2	No	No	69	Ldn	63	69		1	Potential Sound Wall	N/A	No	60
		SF Residence on NE 67th PI	1	68	2	No	No	69	Ldn	63	69		1	Potential Sound Wall	N/A	No	60
	4001	SF Residence on NE 67th PI	1	68	2	No	No	67	Ldn	63	69	1	-	Potential Sound Wall	N/A	No	58
	4002	SF Residence on NE 67th PI	1	68	2	No	No	65	Ldn	63	69	1		Potential Sound Wall	N/A	No	56
	4003	SF Residence on NE 67th PI	1	68	2	No	No	64	Ldn	63	69	1	-	Potential Sound Wall	N/A	No	55
Second Line homes same area as above																	
same area as above	1719	SF Residence on NE 67th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	53
		SF Residence on NE 67th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	53
		SF Residence on NE 67th PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
		SF Residence on NE 67th PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
Condos along the Bluff	1730	SI Residence on the Ortiff i		04		140	140	01	Luii	01	- 00	'		i oteritiai Souriu vvaii	IV/A	140	32
Coridos alorig trie bidir	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	2000	IVII GIIILO GII DIGII GDOVE VV EGILE GGIIIIII	-	0-7		110	140	00	Luii	01	- 00			140 VVdii	14// (	140	- 00
Bear Creek Pkwy and																	
Cleveland St at Brown																	
St																	
<u>.                                    </u>	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
Redmond Town Center/Redmond Way Hotels					_									No Wall			
0.0.0	6047	Redmond TC Hotel (Lion)	24	64	2	Yes	Yes	65	Ldn	61	66	24		No Wall	Special	Yes	63
Marymoor Park	0041	Troumona To Floter (Lion)	24	04	-	100	163	00	Lun	01	00	24		110 TVall	Special	163	0.5
	4020	Baseball area	1	68	3	No	No	66	Lea	69	74			No Wall	N/A	No	66

	Rec	eiver and Data Input Secti	on					Im	pact An	alysis				Pro	ject Mi	tigation	
Parcel #, Description	, Existing N	oise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Num	ber	Type of mitig	ation pro	oosed	Mitigated
Area	Parcel	Description	Units	Ldn/Lea	FTA-CAT	Bells	X-Over	Ldn/Leq	Туре	Mod	Sev	Mod	Sev	Sound Wall	X-Over	Insulation	Ldn/Leq
Along SR520 from			- Cime	2011/204		200	X 010.	2011/204	.,,,,						7. 0.10.		20.7209
Segment D																	
	1708	SF Residence on NE 67th PI	1	64	2	No	No	65	Ldn	61	66	1		Potential Sound Wall	N/A	No	58
	1718	SF Residence on NE 67th PI	1	66	2	No	No	65	Ldn	62	68	1		Potential Sound Wall	N/A	No	56
	1730 1733	SF Residence on NE 67th PI SF Residence on NE 67th PI	1	68 68	2	No	No No	70 69	Ldn Ldn	63 63	69 69		1 1	Potential Sound Wall Potential Sound Wall	N/A N/A	No No	61 60
	1733	SF Residence on NE 67th PI	1	68	2	No No	No	67	Lan	63	69	 1		Potential Sound Wall	N/A N/A	No No	59
		SF Residence on NE 67th PI	1	68	2	No	No	66	Ldn	63	69	1		Potential Sound Wall	N/A	No	57
	4001	SF Residence on NE 67th PI	1	68	2	No	No	64	Ldn	63	69	1		Potential Sound Wall	N/A	No	55
	4002	SF Residence on NE 67th PI	1	68	2	No	No	63	Ldn	63	69	1		Potential Sound Wall	N/A	No	54
	4003	SF Residence on NE 67th PI	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 PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
	1728 1731	SF Residence on NE 67th PI SF Residence on NE 67th PI	1	64 64	2	No No	No No	60 60	Ldn Ldn	61 61	66 66			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	51 51
	1731	SF Residence on NE 67th PI	1	64	2	No	No	60	Lan	61	66			Potential Sound Wall	N/A N/A	No No	51
Condos along the Bluff	1730	or residence of the ordinal		04		INU	140	00	Luii	01	00			i oteritiai oodiid vvaii	IN/A	140	31
z z acc a.c/ig tile bluii	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
	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	69	Ldn	61	66		4	Potential Sound Wall	N/A	No	60
	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
	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
MF on Leary																	
	3001 3001	MF units on Leary Way MF units on Leary Way	4	66 66	2	No No	No No	59 54	Ldn	62 62	68 68			Potential Sound Wall Potential Sound Wall	N/A N/A	No No	50 46
	3001	MF units on Leary Way	4	66	2	No	No	54	Ldn Ldn	62	68			Potential Sound Wall	N/A	No	45
MF on Lake Sam	3001	Wil Units On Leary Way	-	00		INU	140	34	Luii	02	00			i oteritiai oodiid vvaii	IN/A	140	43
mi on Lake Cam	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
Hotel and MF units off Redmond Way at Bear Creek Pkwy	3000	MF units on W Lake Samm	2	66	2	No	No	62	Ldn	62	68	2		Potential Sound Wall	N/A	No	53
	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
New Condos Between Bear Creek Pkwy and Cleveland St at Brown St	2149	Condos/MF units (NEW)	48	64	2	No	No	62	Ldn	61	66	48		Potential Sound Wall	N/A	No	53
<u></u>	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
	5002	Name Unknown	48	64	2	Yes	No	67	Ldn	61	66		48	No Wall	N/A	Yes	67
														No Wall No Wall			
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
	6225	Redmond Inn Hotel	24	68	2	No	No	66	Ldn	63	69	24		Potential Sound Wall	N/A	No	57

	Red	eiver and Data Input Secti	on					Im	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	, Existing N	oise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	oosed	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		·															
		SF Residence on NE 67th PI	1	64	2	No	No	64	Ldn	61	66	1		Potential Sound Wall	N/A	No	55
		SF Residence on NE 67th PI	1	66	2	No	No	65	Ldn	62	68	1	-	Potential Sound Wall	N/A	No	56
		SF Residence on NE 67th PI	1	68	2	No	No	70	Ldn	63	69		1	Potential Sound Wall	N/A	No	61
	1733	SF Residence on NE 67th PI	1	68	2	No	No	70	Ldn	63	69		1	Potential Sound Wall	N/A	No	61
		SF Residence on NE 67th PI	1	68	2	No	No	69	Ldn	63	69		1	Potential Sound Wall	N/A	No	60
		SF Residence on NE 67th PI	1	68	2	No	No	69	Ldn	63	69		1	Potential Sound Wall	N/A	No	60
	4001	SF Residence on NE 67th PI	1	68	2	No	No	67	Ldn	63	69	1		Potential Sound Wall	N/A	No	58
		SF Residence on NE 67th PI	1	68	2	No	No	65	Ldn	63	69	1		Potential Sound Wall	N/A	No	56
	4003	SF Residence on NE 67th PI	1	68	2	No	No	64	Ldn	63	69	1		Potential Sound Wall	N/A	No	55
Second Line homes																	
same area as above																	
		SF Residence on NE 67th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	53
		SF Residence on NE 67th PI	1	64	2	No	No	62	Ldn	61	66	1		Potential Sound Wall	N/A	No	53
		SF Residence on NE 67th PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
	1736	SF Residence on NE 67th PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
Condos along the Bluff																	
		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
	4026	Field near crossover	1	68	3	No	Yes	66	Leq	69	74			No Wall	Special	No	62
Condos Near RTC																	
	5048	New MF near station	48	66	2	Yes	No	66	Ldn	62	68	48		No Wall	N/A	Yes	66

	Red	eiver and Data Input Secti	on					Im	pact Ar	nalysis	;			Pro	oject Mi	tigation	
Parcel #, Description	n, Existing N	oise Levels and FTA Category				Noise S	Sources	Project	Analysis	FTA C	riteria	Nun	nber	Type of miti	gation prop	posed	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 PI	1	64	2	No	No	64	Ldn	61	66	1		Potential Sound Wall	N/A	No	55
	1718	SF Residence on NE 67th PI	1	66	2	No	No	63	Ldn	62	68	1		Potential Sound Wall	N/A	No	54
	1730	SF Residence on NE 67th PI	1	68	2	No	No	68	Ldn	63	69	1		Potential Sound Wall	N/A	No	59
	1733	SF Residence on NE 67th PI	1	68	2	No	No	67	Ldn	63	69	1		Potential Sound Wall	N/A	No	59
	1737	SF Residence on NE 67th PI	1	68	2	No	No	67	Ldn	63	69	1		Potential Sound Wall	N/A	No	58
	1738, 4000	SF Residence on NE 67th PI	1	68	2	No	No	66	Ldn	63	69	1		Potential Sound Wall	N/A	No	57
	4001	SF Residence on NE 67th PI	1	68	2	No	No	64	Ldn	63	69	1		Potential Sound Wall	N/A	No	55
	4002	SF Residence on NE 67th PI	1	68	2	No	No	62	Ldn	63	69			Potential Sound Wall	N/A	No	53
	4003	SF Residence on NE 67th PI	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 PI	1	64	2	No	No	61	Ldn	61	66	1		Potential Sound Wall	N/A	No	52
	1728	SF Residence on NE 67th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	1731	SF Residence on NE 67th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
	1736	SF Residence on NE 67th PI	1	64	2	No	No	60	Ldn	61	66			Potential Sound Wall	N/A	No	51
Condos along the Bluff																	
	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
	3001	MF units on Leary Way	8	66	2	No	No	68	Ldn	62	68		8	Potential Sound Wall	N/A	No	59
MF on Lake Samm																	
	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
	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																	
101010	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	00.10	0057	05	00	70		1 1 0
	2246	2057	SF residence	66	72	1	Insulation
	2252	2058	SF residence	66	72	1	Insulation
	2265	2058	SF residence	66 66	72 72	1	Insulation
	2275	2059	SF residence		72		Insulation
	2284 2288	2060 2061	SF residence SF residence	66 66	72	1	Insulation Insulation
	2288	2061	SF residence SF residence	66	72	1	Insulation
	2300	2062	SF residence SF residence	66	72	1	Insulation
	2300	2063	SF residence SF residence	66	72	1	Insulation
25th St to 112th Y	2300	∠004	or residence	00	12		IIIonignoti
2501 50 10 11201 1	2317	2065	SF residence	66	72	1	Insulation
	2317	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	2000	SF residence	66	72	1	Insulation
	2375	2070	Displacement	66	72	0	Hisulation
	2384	2071	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	2000	2225			_,		
	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 3319	2100 2102	SF residence	66 66	71 66	1	Insulation
W side from 16 Ct to 11th Ct	3319	2102	SF residence	00	00	I	Insulation
W side from 16 St to 11th St	3204	2093	Diaplacement	66	71	0	
	3204	2093	Displacement SF residence	66	71	1	Insulation
	3220	2095	SF residence	66	72	1	Insulation
	3252	2097	Displacement	66	72	0	Insulation
	9823	2097	SF residence	66	72	1	Insulation
	3302	2100	SF residence	66	72	1	Insulation
	3329	2100	Displacement	66	72	0	IIISUIAUUII
	3368	2102	Church Bldg	66	72	1	Inculation
	3387	2104	Church Bldg	66	67	1	Insulation Insulation
Same as above, 2nd and 3rd rows	3301	2100	Church Blug	00	O1	ı	IIISUIAUUII
Jame as above, zhu anu siu iows	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				66			
·	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 M	Project Mitigation			
Receiver/Area Informatio	n							Project Noise	FTA (	Criteria	Noise I	mpacts	Mitigation Proposed	Mitigated Level
	Parcel	Description	Use	FTA Cat	Units	Ldn	Dist. NT	Ldn	Mod	Sev	Mod	Sev		
Receivers along 116th			I.	1										
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



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 23<sup>rd</sup> 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 Occupations Safety and Health (NIOSHA) standard for workplace noise exposure is 85 dBA for up to 8 hours, or 100 dBA for 15 minutes (NIOSHA 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  $L_{\rm eq}$  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  $L_{\rm eq}$  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  $23^{\rm rd}$  Avenue overpass. The measurement was taken around 11:00 am when traffic on the revisable 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  $L_{\rm eq}$  for the existing conditions was measured at 86.3 dBA  $L_{\rm eq}$ .

#### 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 Leq 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  $L_{\rm eq}$  noise levels along with a running-energy average Leq at 10-second intervals was derived and plotted. Figure 1 shows the results of the analysis. The orange dashed lines are the 1-second  $L_{\rm eq}$  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.

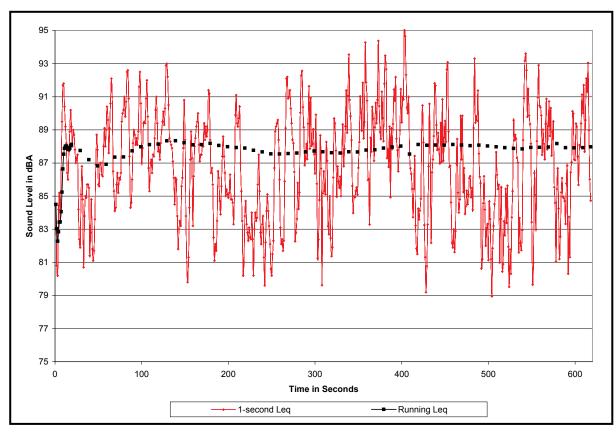


FIGURE 1
Energy Average Leq Noise Levels for Proposed Mercer Island Station

#### 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  $L_{\rm eq}$  ranged from 77 to 87 dBA with the overall energy average at this site being 83 dBA  $L_{\rm eq}$ .

# **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  $L_{\rm eq}$  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  $L_{\rm eq}$  experienced by patrons at the stations would be the same as the hourly  $L_{\rm eq}$ .

#### 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
R2	N/A	85.1	76.9	8.2	of the tracks, between the rail alignment and the I-90 traffic
R3	N/A	85.0	75.8	9.2	lanes. Walls could be integrated with the crash
R4	N/A	84.9	75.2	9.7	barriers to save room.
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.

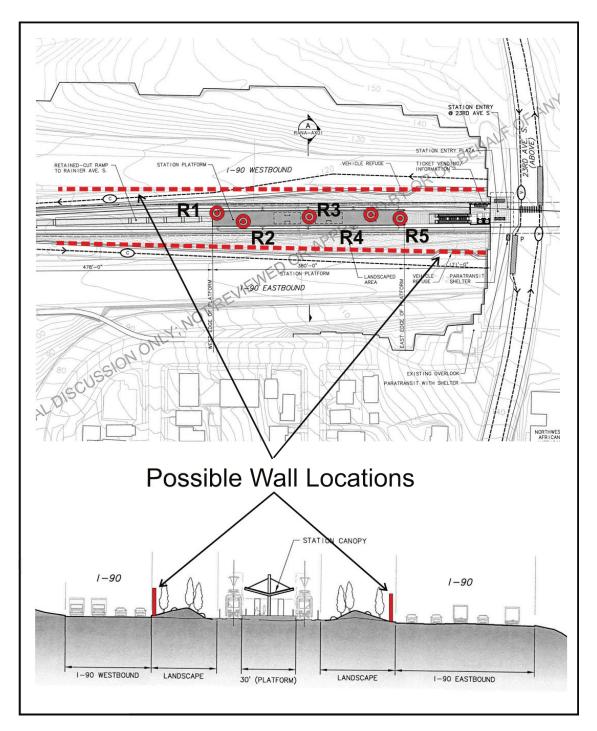


FIGURE 2
Rainier Avenue Noise Monitoring Modeling and Noise Wall Locations

#### 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	
R3	N/A	87.9	78.3	9.6	of the tracks, with the base of the wall at the same elevations as the tracks.	

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  $L_{eq}$  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  $L_{eq}$ . 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  $L_{eq}$ , no noise-reducing design improvements were investigated.

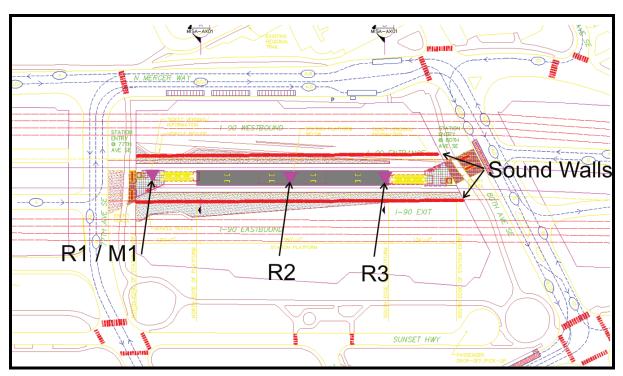


FIGURE 3
Mercer Island Station Noise Monitoring Modeling and Noise Wall Locations

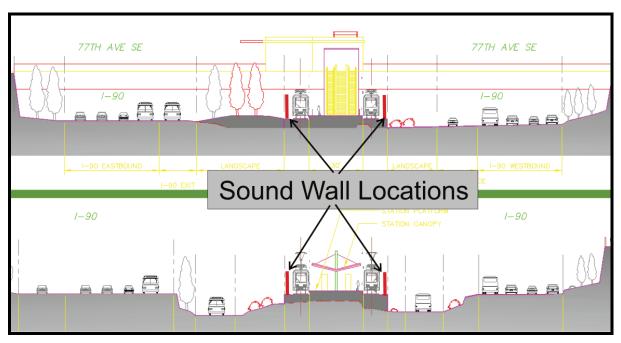


FIGURE 4
Mercer Island Station Noise Walls as Viewed from I-90

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 116<sup>th</sup> Ave NE, just north of NE 12<sup>th</sup> 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 12<sup>th</sup> and 116<sup>th</sup> 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 auditable inside the building assuming that the windows are non-open-able.