

Exhibit 35. Noise Wall Performance Summary for Hunts Point, Clyde Hill, Yarrow Point, and Bellevue South of SR 520

Table updated July 2010

Receiver Number	Build Noise Levels without Noise Wall <sup>a,b</sup>	Build Noise Levels with Noise Wall <sup>a,b</sup>	Noise Reduction <sup>a</sup>	Benefited Homes <sup>d</sup>	Capital Available for Mitigation <sup>c</sup>
84th Avenue NE to 92nd Avenue NE					
PB-1	73	63	10	2	\$125,580
PB-2	76	64	12	2	\$132,840
PB-3	73	62	11	2	\$125,580
PB-4	70	60	10	3	\$155,700
PB-5	77	61	16	3	\$199,260
PB-6	66	61	5	4	\$149,520
PB-7	66	62	4	2	\$74,760
PB-8	68	61	7	3	\$133,920
PB-9	77	62	15	3	\$199,260
PB-10	73	60	13	4	\$251,160
PB-11	71	65	6	3	\$166,590
PB-43	68	67	1	0	\$0
PB-44	63	60	3	4	\$149,520
PB-45	62	59	3	3	\$112,140
PB-46	64	60	4	4	\$149,520
PB-47	63	58	5	3	\$112,140
PB-48	66	60	6	3	\$112,140
PB-49	64	60	4	3	\$112,140
PB-50	64	61	3	4	\$149,520
PB-51	60	60	0	0	\$0
PB-52	56	55	1	0	\$0
PB-53	55	53	2	0	\$0
PB-54	59	57	2	0	\$0
PB-55	64	60	4	2	\$74,760
PB-56	60	57	3	3	\$112,140
PB-57	64	62	2	0	\$0
PB-58	63	59	4	2	\$74,760
PB-59	59	56	3	4	\$149,520
PB-60	60	58	2	0	\$0
PB-61	61	59	2	0	\$0
PB-62	53	50	3	4	\$149,520
PB-63 <sup>i</sup>	50 <sub>-</sub>	48 <sub>-</sub>	2 <sub>-</sub>	0 <sub>-</sub>	\$0 <sub>-</sub>
PB-64 <sup>i</sup>	47 <sub>-</sub>	46 <sub>-</sub>	1 <sub>-</sub>	0 <sub>-</sub>	\$0 <sub>-</sub>
<i>Total Available for Noise Mitigation</i>					\$3,171,990
92nd Avenue NE to 96th Avenue NE					
PB-12	67	56	11	2	\$82,220
PB-13	69	57	12	3	\$144,810
PB-14	67	56	11	4	\$164,440
PB-15	70	61	9	4	\$207,600



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PB-40	60	52	8	4	\$149,520
PB-41	61	53	8	4	\$149,520
PB-42	61	55	6	3	\$112,140
<i>Total Available for Noise Mitigation</i>					\$1,010,250
96th Avenue NE to west of 103rd Place NE					
PB-16	<b>69</b>	61	8	11 <sup>d</sup>	\$530,970
PB-16A	<b>74</b>	62	12	4	\$265,680
PB-17	<b>67</b>	63	4	4	\$164,440
PB-18	<b>73</b>	<b>72</b>	1	0	\$0
PB-18T	<b>76</b>	62	14	4 <sup>d</sup>	\$265,680
PB-19	<b>73</b>	<b>72</b>	1	0	\$0
PB-19T	<b>78</b>	65	13	4 <sup>d</sup>	\$265,680
PB-20	<b>71</b>	<b>71</b>	0	0	\$0
PB-21	<b>70</b>	<b>7170<sup>i</sup></b>	<b>-10</b>	0	\$0
PB-21T	<b>71</b>	63	8	4 <sup>d</sup>	\$222,120
PB-22	<b>68</b>	<b>6968<sup>i</sup></b>	<b>-10</b>	0	\$0
PB-22T	<b>73</b>	62	11	4 <sup>d</sup>	\$251,160
PB-30	63	62	1	0	\$0
PB-31	64	64	0	0	\$0
PB-32	65	65	0	0	\$0
PB-33	64	64	0	0	\$0
PB-34	<b>67</b>	<b>67</b>	0	0	\$0
PB-35	<b>66</b>	65	1	0	\$0
PB-36	61	59	2	0	\$0
PB-37	62	57	5	3	\$112,140
PB-38	62	56	6	3	\$112,140
PB-39	64	56	8	4	\$149,520
<i>Total Available for Noise Mitigation</i>					\$2,339,530
103rd Place NE to Bellevue Way NE					
PB-23	<b>70</b>	63 <sup>e</sup>	7	3	\$155,700
PB-23E <sup>e</sup>	<b>75</b>	<b>71<sup>g</sup></b>	4	1	\$66,420
PB-24	<b>68</b>	64	4	4	\$178,560
PB-28	63	62	2	0	\$0
PB-29	<b>66</b>	63 <sup>g</sup>	3	2	\$74,760
PB-65 <sup>f</sup>	63	63	0	0	\$0
<i>Total Available for Noise Mitigation</i>					\$475,440
Yarrow Bay KinderCare Day Care Center - Along SR 520 <sup>h</sup>					
PB-66	<b>69</b>	62	7	2.38	\$114,929



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<i>Total Available for Noise Mitigation</i>					\$114,929
<b>Yarrow Bay KinderCare Day Care Center - Along Northup Way<sup>h</sup></b>					
PB-67	<b>69</b>	64	5	2.38	\$114,929
<i>Total Available for Noise Mitigation</i>					\$114,929
<b>Condominium Homes at 108th NE &amp; Northup Way</b>					
PB-68	<b>69</b>	64	5	2	\$96,540
PB-69	<b>68</b>	61	7	2	\$89,280
PB-70	<b>67</b>	61	6	2	\$82,220
<i>Total Available for Noise Mitigation</i>					\$268,040

<sup>a</sup> All noise levels in the exhibit are stated as  $L_{eq}$  in decibels with A-weighting (dBA).

<sup>b</sup> Bold numbers throughout exhibit indicate noise levels exceeding the NAC, 66 dBA  $L_{eq}$ .

<sup>c</sup> Available mitigation capital from WSDOT criteria for cost evaluation.

<sup>d</sup> Includes residential equivalents for the park area, Points Loop Trail, Lake Washington Boulevard Trail, and/or SR 520 bike and pedestrian path represented by this receiver.

<sup>e</sup> This receiver specifically represents the back yard main level deck of one home near PB-23 and was included to further refine the noise wall heights in this area.

<sup>f</sup> This receiver represents the La Quinta outdoor pool use - no noise wall required for this area.

<sup>g</sup> This receiver is listed under the noise wall from 103rd Place NE to Bellevue Way NE but is also partially influenced by the noise wall from 96th Avenue NE to west of 103rd Place NE.

<sup>h</sup> Two noise walls were evaluated for the Yarrow Bay KinderCare facility.

<sup>i</sup> Used modeled noise levels from TNM with a "zero" noise wall height to account for the retention pond retaining wall near this receiver.

<sup>j</sup> These receivers are not used in the noise wall analysis because TNM is not accurate for traffic noise projections past 500 feet.

