

Barrier Design Comparisons

Barrier	Document	Length	Minimum Height	Maximum Height	Area	Estimated Cost	Impacted	Benefitted
Noise Barriers 1a/1b	Noise Addendum III	4,085	28	28	91,984	\$ 1,839,696	71	373
Noise Barriers 1a/1b	Noise Addendum VI (2018 Update)	4,085	12	28	91,984	\$ 1,839,696	71	369
Noise Barriers 1a/1b	Noise Addendum VI (Final Design)	4,107	12	30	98,557	\$ 1,971,126	65	379
Noise Barrier 3	Noise Addendum III	1,788	12	26	30,652	\$ 613,034	75	24
Noise Barrier 3	Noise Addendum VI (Final Design)	1,638	12	30	27,235	\$ 544,704	75	24
Noise Barrier 4	Noise Addendum III	1,809	10	30	54,009	\$ 1,080,172	192	152
Noise Barrier 4	Noise Addendum VI (2018 Update)	1,958	10	30	56,123	\$ 1,403,068	192	156
Noise Barrier 4	Noise Addendum VI (Final Design)	2,002	20	30	55,202	\$ 1,104,048	172	166
Noise Barriers 5a/5b	Noise Addendum III	5,215	20	30	142,743	\$ 2,854,866	589	944
Noise Barriers 5a/5b	Noise Addendum VI (2018 Update)	5,009	20	30	137,129	\$ 2,742,583	620	953
Noise Barriers 5a/5b	Noise Addendum VI (Final Design)	4,997	24	30	135,390	\$ 2,707,813	529	985
Noise Barrier 7	Noise Addendum III	4,804	12	30	117,081	\$ 2,341,620	322	396
Noise Barrier 7	Noise Addendum VI (Final Design)	4,735	6	30	105,550	\$ 2,111,000	292	396
Noise Barrier 8	Noise Addendum III	5,171	12	30	128,128	\$ 2,562,567	151	599
Noise Barrier 8	Noise Addendum VI (Final Design)	4,864	6	30	109,205	\$ 2,184,104	144	485