

Application Ranking	2016 Priority Study Ranking	City	TH	Wall Length (ft)	Wall Height (ft)	Sq Ft (includes tapers)	Cost (1)	Benefited Receptors (2)	Leq Avg. (3)	Address	Priority Study Start	Priority Study End	Dir	Cost/ Benefited Receptor	Cost Effective (4)
1	20	New Hope	169	2800	20	54580	\$1,964,880	68	70.4	9403 BASS CREEK CIR. N.	N. OF BASS LAKE RD	S. OF 63RD AVE N	NB	\$28,895	Yes
2	17	Edina	62	1450	20	27656	\$995,616	37	69	6336 FALCON CT	E OF RED FOX CT	BREDESEN PARK	WB	\$26,909	Yes
3	84	Plymouth	169	3425	20	67156	\$2,417,616	56	70.2	2505 KILMER LN.	S. OF 17TH AVE N	MEDICINE LK RD	SB	\$43,172	Yes
4	14	Eagan	35E	1075	20	20156	\$725,616	15	68.7	1481 ENGLERT RD	S OF ENGLERT RD	N POND VIEW PT	NB	\$48,374	Yes
5	26	New Brighton	694	1000	20	18656	\$671,616	4	67.2	2910 TORCHWOOD DR.	BERNE CIR E	W. OF FOREST DALE RD	EB	\$167,904	No

(1) Used cost of \$36/sq ft

(2) Number of homes that will receive ≥ 5 dBA of noise reduction from the modeled noise wall

(3) Used average (AM&PM) Leq from loudest measured single site in area (2015 data)

(4) Must meet Cost Effectiveness threshold of \$78,500/Benefited Receptor

Noise Level Adjustment Score	Noise Level Adjusted Cost/BR
1.356604327	\$21,300
1.231144413	\$21,857
1.337927555	\$32,268
1.205807828	\$40,118
1.086734863	\$154,503