

Application Ranking	2016 Priority Study Ranking	City	Hwy	Wall Length (ft)	Wall Height (ft) (1)	Sq Ft (includes tapers)	Cost (2)	Benefited Receptors (3)	Measured Leq (4)	Address	Priority Study Start	Priority Study End	Dir	Cost/Benefited Receptor	Cost Effective (5)	Noise Level Adjustment Score	Noise Level Adjusted Cost/BR
1	27	Minnetonka	169	2935	20	57,356	\$2,108,841	69	67.3	9608 Robin Oak Rd	N of Country Lane	Cedar Lake Rd	SB	\$30,563	Yes	1.094293701	\$27,929
2	84	Plymouth	169	3425	20	67,900	\$2,504,400	66	70.3	2505 Kilmer Ln	S. Of 17th Ave N	Medicine Lk Rd	SB	\$37,945	Yes	1.347233577	\$28,165
3	37	Eagan	35E	2223	20	44,160	\$1,589,760	28	76.1	1474 Kings Crest	Woodstone Cr.	Kingswood Ct.	NB	\$56,777	Yes	2.0139111	\$28,192
4	130	Inver Grove Heights	52	987	20	18,396	\$662,256	17	70.2	6470 Beckman Ave	North of 65 St E	E of 63rd And Beckman	SB	\$38,956	Yes	1.337927555	\$29,117
5	14	Eagan	35E	1084	20	20,336	\$732,096	18	69.6	1481 Englert Rd	S Of Englert Rd	N Pond View Pt	NB	\$40,672	Yes	1.283425898	\$31,690
6	N/A	New Brighton	694	840	20	16,200	\$583,200	8	76.5	730 10th Street Northwest	10th St NW	OLD HWY 8 NW	EB	\$72,900	Yes	2.070529848	\$35,208
7	26	New Brighton	694	1098	20	21,360	\$780,960	17	64.1	3000 Torchwood Drive	West of Silver Lake Road	East of St Imier Dr. NE	EB	\$45,939	Yes	0.876605721	\$52,405
8	18/49	Minnetonka	7	2035	20	39,356	\$1,416,816	21	68	16809 Hwy 7	West of Bayswater Rd	Clear Spring Rd	EB	\$67,467	Yes	1.148698355	\$58,734
9	174	Apple Valley	77	1320	20	25,056	\$902,016	4	70.4	13586 Gossamer Way	Along Gossamer	138th St W.	SB	\$225,504	No	1.356604327	\$166,227
10	55	New Brighton	694	1680	20	32,032	\$1,153,152	5	68.2	5455 West Brenner Pass NE	West of Silver Lake Road	New Brighton/Fridley Border	WB	\$230,630	No	1.164733586	\$198,011
11	213	Apple Valley	35E/77	3141	20	61,476	\$2,213,136	8	68.9	404 Cimarron Rd	existing 35E wall	existing 77 wall	NB/SB	\$276,642	No	1.222640278	\$226,266

(1) Analyzed wall height is 20 foot maximum. Shorter wall heights may be cost effective, however all areas are being analyzed at 20' height for comparative purposes.

(2) Used cost of \$36/sq ft. Additional costs needed for safety features and utilities relocations are included, if known.

(3) Number of homes that will receive ≥ 5 dBA of noise reduction from the modeled noise wall. Homes must be built 1997 or earlier in order to be eligible for the Metro Standalone Noise Barrier Program.

(4) Used loudest (AM or PM) Leq from loudest measured single site in area (2015 or 2019/2020/2021 data, if available)

(5) Must meet Cost Effectiveness threshold of \$78,500/Benefited Receptor in order to be eligible for MnDOT noise abatement programs.