

Application Ranking	2016 Priority Study Ranking	City	Hwy	Wall Length (ft)	Wall Height (ft) (1)	Sq Ft (includes tapers)	Cost (2)	Benefited Receptors (3)	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	122	Inver Grove Heights	52	2389	20	46,436	\$1,671,696	52	68.3	2148 49th Way	S. Of Mendota Rd E	49th St E.	SB	\$32,148	Yes	1.172834949	\$27,411
2	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
3	84	Plymouth	169	3425	20	67,900	\$2,504,400	66	70.2	2505 Kilmer Ln	S. OF 17th Ave N	Medicine Lk Rd	SB	\$37,945	Yes	1.337927555	\$28,361
4	130	Inver Grove Heights	52	987	20	18,396	\$662,256	16	70.2	6470 Beckman Ave	North of 65 St E	E of 63rd And Beckman	SB	\$41,391	Yes	1.337927555	\$30,937
5	14	Eagan	35E	1084	20	20,336	\$732,096	18	68.7	1481 Englert Rd	S Of Englert Rd	N Pond View Pt	NB	\$40,672	Yes	1.205807828	\$33,730
6	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
7	95	Arden Hills	10	3781	20	74,276	\$2,673,936	24	71.2	4453 Old US-10	CR 96	S Or Wedgewood Cir	SB	\$111,414	No	1.433955248	\$77,697
8	90	Apple Valley	77	685	20	12,356	\$444,816	5	66.3	12830 Glen Ct	N Of Glen Ct	S Of Glen Ct	SB	\$88,963	No	1.021012126	\$87,132
9	55	New Brighton	694	1680	20	32,032	\$1,153,152	5	72.5	2743 Lindsey Ct	West of Silver Lake Road	East of E Brenner Pass	WB	\$230,630	No	1.569168196	\$146,976
10	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

(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 data, if available)

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