



MEMORANDUM

DATE: July 18, 2022
TO: Honorable Mayor and City Councilmembers
FROM: Dave Perrault, City Administrator
SUBJECT: Noise Barrier Discussion

Budgeted Amount:	Actual Amount:	Funding Source:
N/A	N/A	N/A

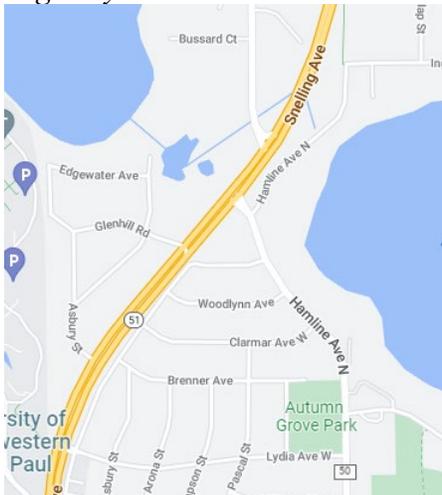
For Council Consideration

The City Council should consider providing direction on future noise barriers.

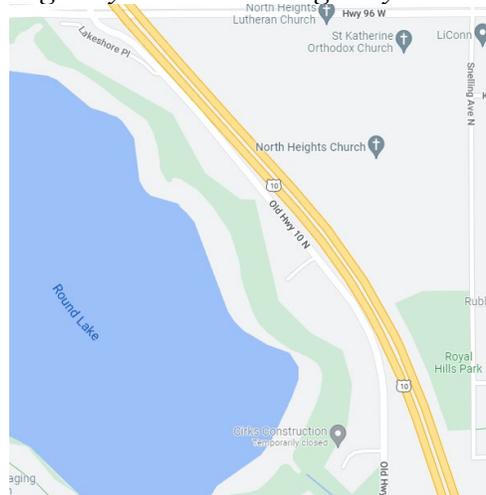
Background

Following a resident comment the City Council requested to discuss possible noise barriers at a future work session. Specifically, Council had discussed along the west side of Highway 51 near the Glenhill Road access and the west side of Old Highway 10 along Highway 10. Council could consider the east side of either road (for the Highway 10 location the east side location would be further south).

Highway 51 and Glenhill



Highway 10 and Old Highway 10



MnDOT does have a standalone noise barrier program where cities can compete for funding. Following an application, MnDOT will review the proposed location and score the applications on a 100 point scale. This calculation is based on the cost of the noise barrier, the number of residential units that will receive at least 5 decibels of noise reduction, and the existing noise level compared to the federal threshold. In 2021, a study was done which included the west side of Highway 10, it received a low score of 35 and was not selected. There are updated scores for 2022, but no areas in Arden Hills were reviewed. Applications are typically due between September 1st and December 31st and selected projects are typically four to five years out from selection. It is believed that Staff could apply for as many areas as Council desires, but Council may want to consider which are the highest priority and direct Staff to apply accordingly. The application is relatively simple and would be burdensome to submit should Council so choose.

Budget Impact

Currently, no money is set aside for a future noise barrier. There is a ten percent cost-share associated with the program if the project is selected; the Old Highway 10 section was estimated at \$2,700,000, which would equate to a \$270,000 outflow from the City.

Attachment

Attachment A: 2021 MnDOT Noise Barrier Scores