

# The Ramsey Gateway Project - Highway 10 Noise Barrier Benefited Receptor Meeting

October 14, 2021

Welcome! Music is playing. If you can't hear the music, check your audio.



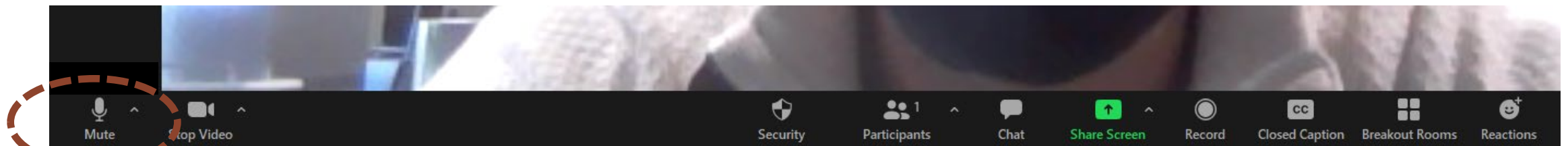
Anoka County  
MINNESOTA



# How to virtually participate today

1. Short presentation
2. Please “mute” yourself when not talking
3. For questions or comments
  - Raise your hand
  - Use the chat box

Spanish Translator Available!



Click here for  
mute

# Why is a noise analysis occurring?

- Project led by Anoka County with federal & state grant funds
  - Hwy 10/169 is a state roadway – MnDOT requirements and procedures apply



## Preliminary Draft Subject to Change

**Disclaimer:** This drawing represents a potential design concept only. This document is a draft, subject to change, and is provided for information only. This draft document does not commit Anoka County to construct the project as shown in part or in whole. The actual project plan may differ from this draft plan. Contact the Anoka County Highway Department with any questions: 763-324-3100



# Noise Barrier Locations Analyzed



**Preliminary Draft Subject to Change**

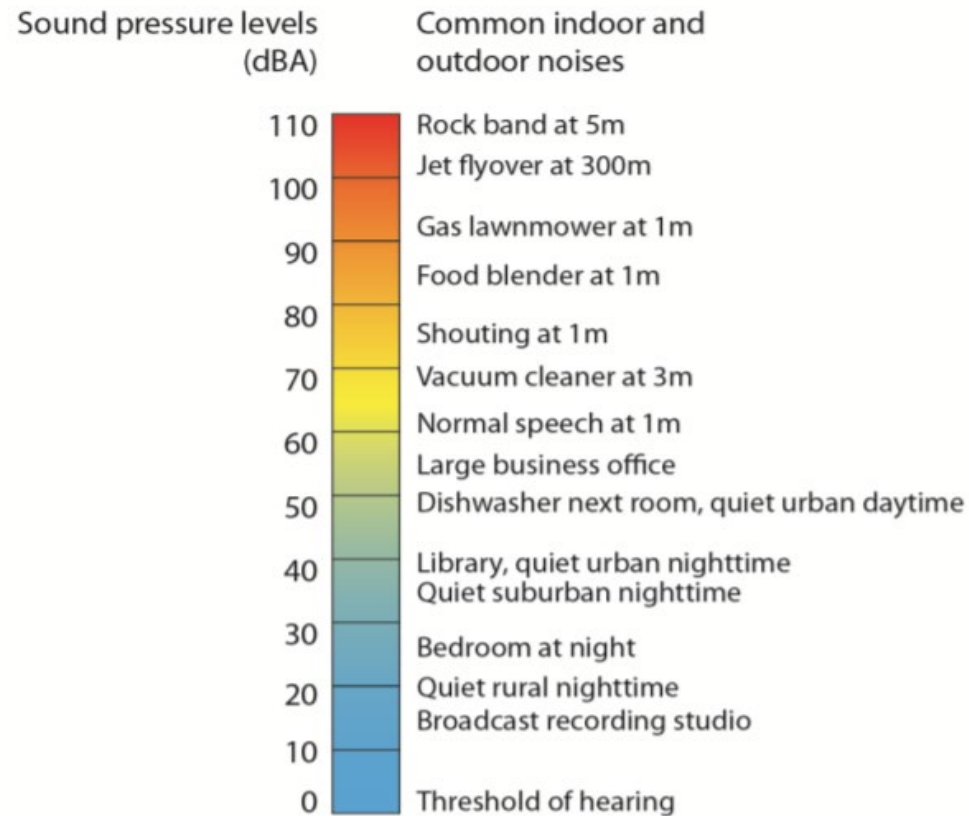
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# Noise Perception

## Change in decibel level and perceived change in loudness

Typical noise reductions of 5 to 10 decibels or more for residences immediately behind the wall



± 1 dBA.....	Not Noticeable
± 3 dBA.....	Threshold of Perception
± 5 dBA.....	Noticeable Change
± 10 dBA.....	Twice (Half) As Loud
± 20 dBA.....	Four Times (One Fourth) As

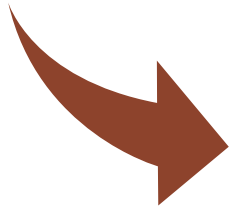
Source: Minnesota Pollution Control Agency



# Noise Barrier Analysis Process

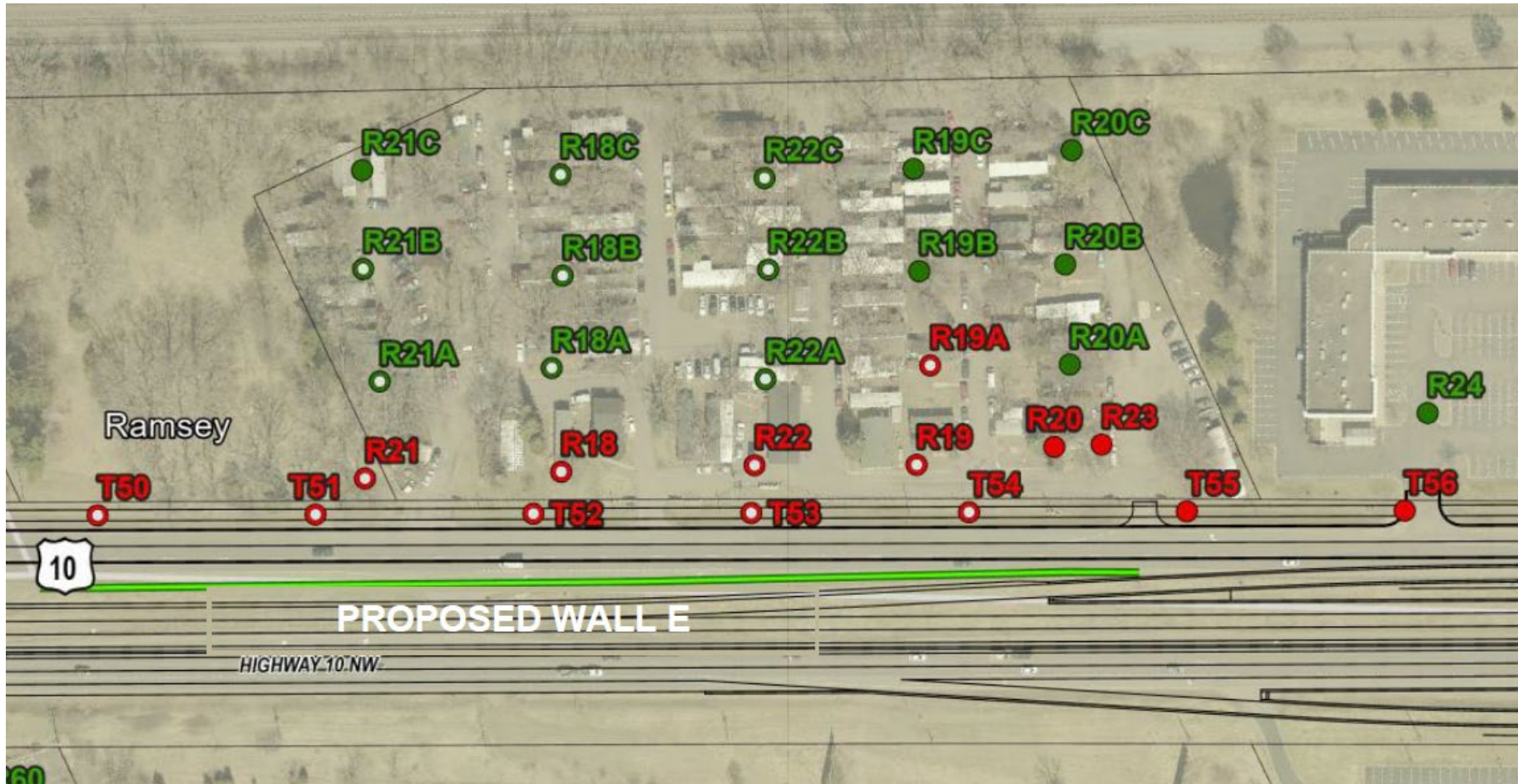
- ✓ Are noise thresholds exceeded?
- ✓ Is the noise barrier feasible/effective?
- ✓ Is the noise barrier cost-effective?

**If yes to all, then...**



**Benefitting property owners and residents have 30 days (Sep 27 – Oct 27) to vote to determine if the barrier(s) will be built.**

# Benefitted Receptors – Oak Terrace Estates



## Legend







- Noise Monitoring Locations
- Impacted
- Not Impacted
- Benefitted
- Noise Barriers That Meet MnDOT Cost Criteria



# Benefitted Receptors – Rivenwick Townhome Area



**Legend**

-  Noise Monitoring Locations
-  Impacted
-  Not Impacted
-  Benefitted
-  Noise Barriers That Meet MnDOT Cost Criteria
-  Noise Barriers That Don't Meet MnDOT Cost Criteria

# Aesthetics and Cost

## EXAMPLE AESTHETICS



- The maximum and most common noise wall height is 20 feet
- Walls are anticipated to be concrete
- Average cost is \$36\* per square foot, approximately \$3.8 million per mile

\*based on 2017 guidance and a 20' high wall



# What might they look like?



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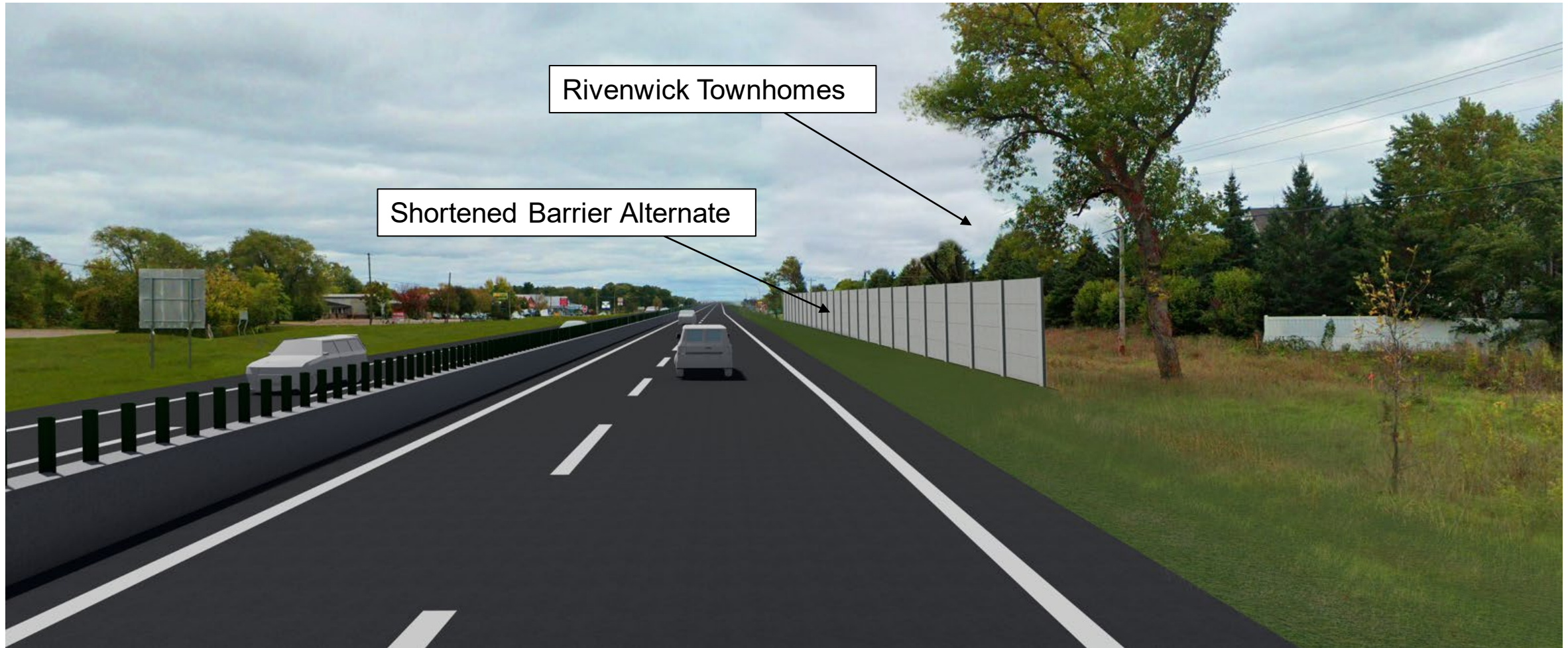
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# Voting:

✓ **Voting started September 27 and will conclude October 27.**



## Proposed Noise Barrier Ramsey Gateway Highway 10

*South side of the proposed frontage road, between Oak Terrace Estates and Highway 10*

Owner \_\_\_\_\_ Resident \_\_\_\_\_ Owner/Resident \_\_\_\_\_

Name \_\_\_\_\_

Property Address \_\_\_\_\_

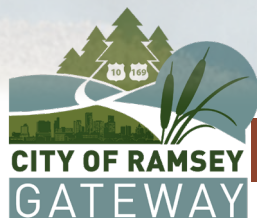
**Please mark one box below with an "X":**

Votes are per unit. By voting and returning this ballot, you acknowledge that the vote represents the consensus of all owners (owner vote) or all residents (resident vote) or the unit receiving this ballot. Please return ballot before October 27, 2021.

Yes, I want the noise barrier.

No, I don't want the noise barrier.

- Benefitting property owners and residents received a ballot in the mail. Each wall is a separate vote.
  - If less than 50% of the votes are returned, another 30-day voting process is required.
- Benefiter meeting (today) to share final analysis and voting process details
- Potential for on-site demonstration of noise barrier length and height

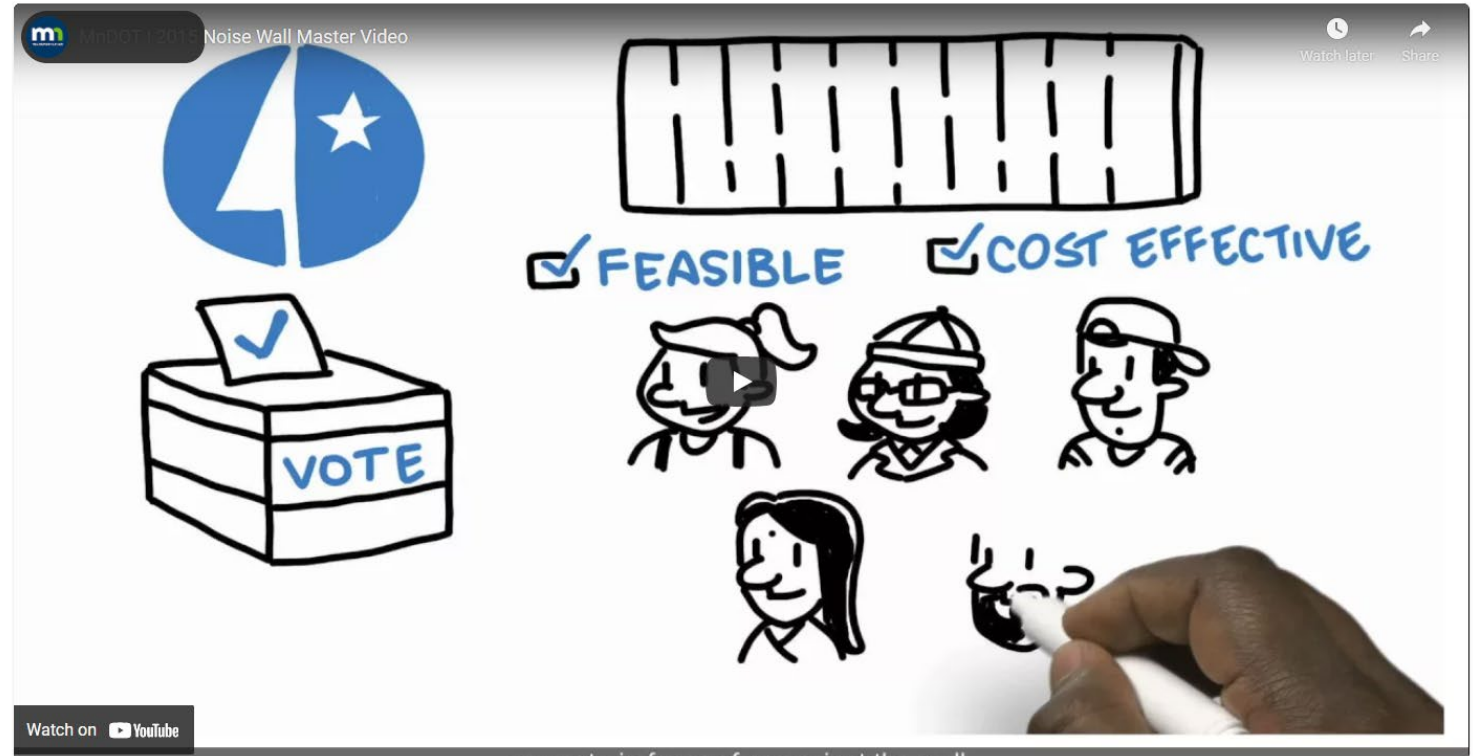


# More Information Available!

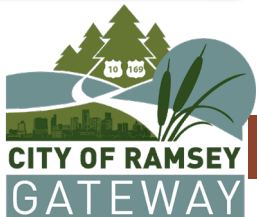
[www.dot.state.mn.us/environment/noise/](http://www.dot.state.mn.us/environment/noise/)



## YouTube Noise Barrier Video



Spanish translated materials available!



# Stay Involved!



## Visit the Project Website: [AnokaCountyRamseyGateway.com](http://AnokaCountyRamseyGateway.com)

- [Subscribe to e-Bulletins](#)



## Follow the Project Team on Social Media

- Anoka County
- City of Ramsey
- Minnesota Department of Transportation (MnDOT)



## Reach out to the Project Contacts

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