I-43 North-South

Virtual Noise Wall Meeting Presentation

Spring 2021
Welcome

- This presentation will cover the noise barrier process on I-43 in Milwaukee and Ozaukee Counties.

- Design revisions have occurred since the last PIM.

- 4 walls have been approved; one wall added due to design revisions.

- The Wisconsin Department of Transportation (WisDOT) welcomes your feedback!
I-43 project location
from Silver Spring Drive in Milwaukee County to WIS 60 in Ozaukee County
About the I-43 NS project

- Reconstruct, modernize, and expand 14 miles of I-43 to six lanes
- Improve safety and traffic operations
- Rebuild five service interchanges, add new Highland Road interchange
Design refinements

• Changed roadway profile
• New noise impacts identified
• Potential barrier deemed reasonable and feasible
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Noise barrier process

- WisDOT studies noise barrier location and determines if it is feasible and reasonable
- If a simple majority of benefited* receptors vote in favor of barrier
- Project proceeds - costs for construction are part of WisDOT project
- Barrier construction occurs

*Benefited is defined as a receptor receiving a minimum eight (8) decibels reduction in sound level as a result of the proposed abatement measure.
How we measure noise

Average Decibels (dB)

- Faint: 30 - 50 dB
  - Rustling Leaves: 30 dB
- Loud: 60 - 80 dB
  - Vacuum Cleaner: 80 dB
- Extremely Loud: 90 - 120 dB
  - Rock Concert: 120 dB
Understanding traffic noise

- Level of highway noise
  - Volume of traffic
  - Speed of traffic
  - Number of trucks
- 6 dBA decrease with each doubling of distance
Who gets to vote?

• Benefited receptors get to vote. Benefited receptor = a location receiving a minimum of eight (8) dB noise reduction
• Property owners and one occupant on non-owner occupied units get a vote
• Simple majority of votes cast will determine if barrier is built
Approved noise barriers on this project

As part of this project, 4 noise barriers have already been voted in
Approved wall: Good Hope – Brown Deer
Approved wall: Brown Deer – County Line
Approved wall: Winesap to Baldwin
Approved wall: Liebau - Highland
Potential wall: UPRR - Nicolet High School
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Noise wall schedule

• Ballots need to be received within 30 days

Mail to:
Steve Hoff, PE
C/O Kapur & Associates
77711 N Port Washington Rd.
 Milwaukee, WI 53217

• Comments/feedback welcome at any time
Thank you!

Please contact us with any questions or comments!

Steve Hoff, PE
WisDOT Project Manager
(262) 548-6718
Steve.Hoff@dot.wi.gov

Dan Sellers
WisDOT Communications Manager
(262) 548-6702
Daniel.Sellers@dot.wi.gov

For more information, please visit our website at: wisconsindot.gov/43corridor