

# HOW ARE NOISE STUDIES DONE?

Noise Studies are performed for any new proposed highways, or when proposed improvements to an existing highway increase the capacity of the roadway and/or substantially alters an existing highway footprint.

State and Federal Guidelines require PennDOT to use a standardized process to identify locations that are eligible for noise abatement, considering peak hour noise levels and the potential effectiveness of noise abatement measures. This process includes the following steps:

1. Identify land uses within the project area that are most sensitive to noise, such as homes and parks
2. Measure existing noise levels and develop acoustical models to predict future conditions
3. Evaluate future noise levels after the highway project is constructed and identify locations where noise impacts are anticipated
4. Identify areas where proposed noise abatement (sound walls) are effective and meet state and federal criteria
5. Solicit input on the community desirability of the proposed abatement

## HOW TO VOTE

- 1 Attend the community meeting in-person, or alternatively watch a recording of the presentation that can be accessed at <https://www.penndot.gov/RegionalOffices/district-8/ConstructionsProjectsAndRoadwork/Pages/US222-US30-Interchange-Improvement.aspx> and complete the noise barrier survey that is included in this newsletter.
- 2 Only one vote is allowed per property owner. For rental properties, one vote is allowed per rental unit, and one vote is allowed for the property owner.
- 3 Answer Questions 1 through 4. Please sign in the space provided next to Question #1 or #2 as proof that you own or rent the property this newsletter was mailed to.
- 4 List any questions, comments or concerns in the space provided on the bottom of the survey.
- 5 Return the ballot in the postage paid envelope included in this newsletter.

## QUESTIONS OR COMMENTS?

Thank you in advance for your participation. If you have any questions or comments, please contact:

Steven Howell  
Project Manager, PennDOT District 8-0  
(717) 705-2282  
[SteHowell@pa.gov](mailto:SteHowell@pa.gov)

# US 222 / US 30 INTERCHANGE PROJECT NOISE UPDATE

September 30, 2021

Dear Property Owner/Resident:

The Pennsylvania Department of Transportation (PennDOT) is currently conducting Final Design Engineering Studies for the US 222/US 30 Interchange project. A project description and a map of the abatement proposed for your community are included in this newsletter.

In accordance with PennDOT procedures, the Department intends to hold a community workshop to present the results of the highway-related noise analysis that was conducted for your community. This workshop, which will deal solely with noise-related issues, will be held to solicit input from the affected community and to finalize PennDOT's noise mitigation measures for the project.

Your property falls within the area that qualifies for noise abatement measures, and has been determined to benefit from these proposed abatement measures. Therefore, you are invited to attend the upcoming community workshop to provide input on the potential noise barrier options currently under consideration. PennDOT guidelines require public coordination with the citizens potentially affected by proposed noise mitigation to ensure the majority of the community supports PennDOT's proposed noise mitigation plan. Additional community input will be taken related to aesthetic issues such as noise barrier texture and color options on the residential side of the barrier. The noise barrier adjacent to your community extends approximately 1,464 feet, varying in height between 13 and 16 feet.

The public workshop for your neighborhood is scheduled for Thursday, October 21, 2021 at 7:00 PM. The meeting will be held at:

Calvary Church  
1051 Landis Valley Rd  
Lancaster, PA 17601  
(717) 560-2341

This facility is accessible to persons with physical disabilities. If you need any special accommodations, please contact, Steven Howell, Project Manager, at (717) 705-2282.

Alternatively, after reviewing the enclosed information, you can complete and mail the survey by November 19, 2021. A postage paid envelope is enclosed for your convenience. All ballots must be postmarked by November 19, 2021 to be included in the vote tally.

The noise analysis for this project has a direct impact on your property, and your input is desired to finalize PennDOT's noise abatement measures. The results of the survey will determine whether a noise barrier will be built, as well as aesthetic considerations such as barrier texture and color. Therefore, we hope you will be able to attend the community workshop or return the survey by mail. Thank you in advance for your time and consideration.

Additional information can be found at the PennDOT District 8-0 project website:

<https://www.penndot.gov/RegionalOffices/district-8/ConstructionsProjectsAndRoadwork/Pages/US222-US30-Interchange-Improvement.aspx>



## PROJECT INFORMATION

The US222 & US30 Interchange project involves the total reconstruction and conversion of one mile of the existing US222 highway from four-lanes to six-lanes via use of the existing 60-foot grass median, as well as partial widening of US30 along the westbound travel way for the addition of a through lane between the PA 272 Oregon Pike Interchange on the west and PA 23 New Holland Pike Interchange on the east.

All existing interchange ramps will be reconstructed, and new two-lane ramps will be constructed carrying US30 Eastbound to US222 Northbound and US222 Southbound to US30 Westbound. The existing ramp bridges over US30 will be replaced and the Eden Road overhead bridge will be rehabilitated, while US222 will be lowered to provide standard vertical clearance. Interchange lighting, stormwater management, new signing and roadside barriers will be included in addition to sound barriers along the corridor.

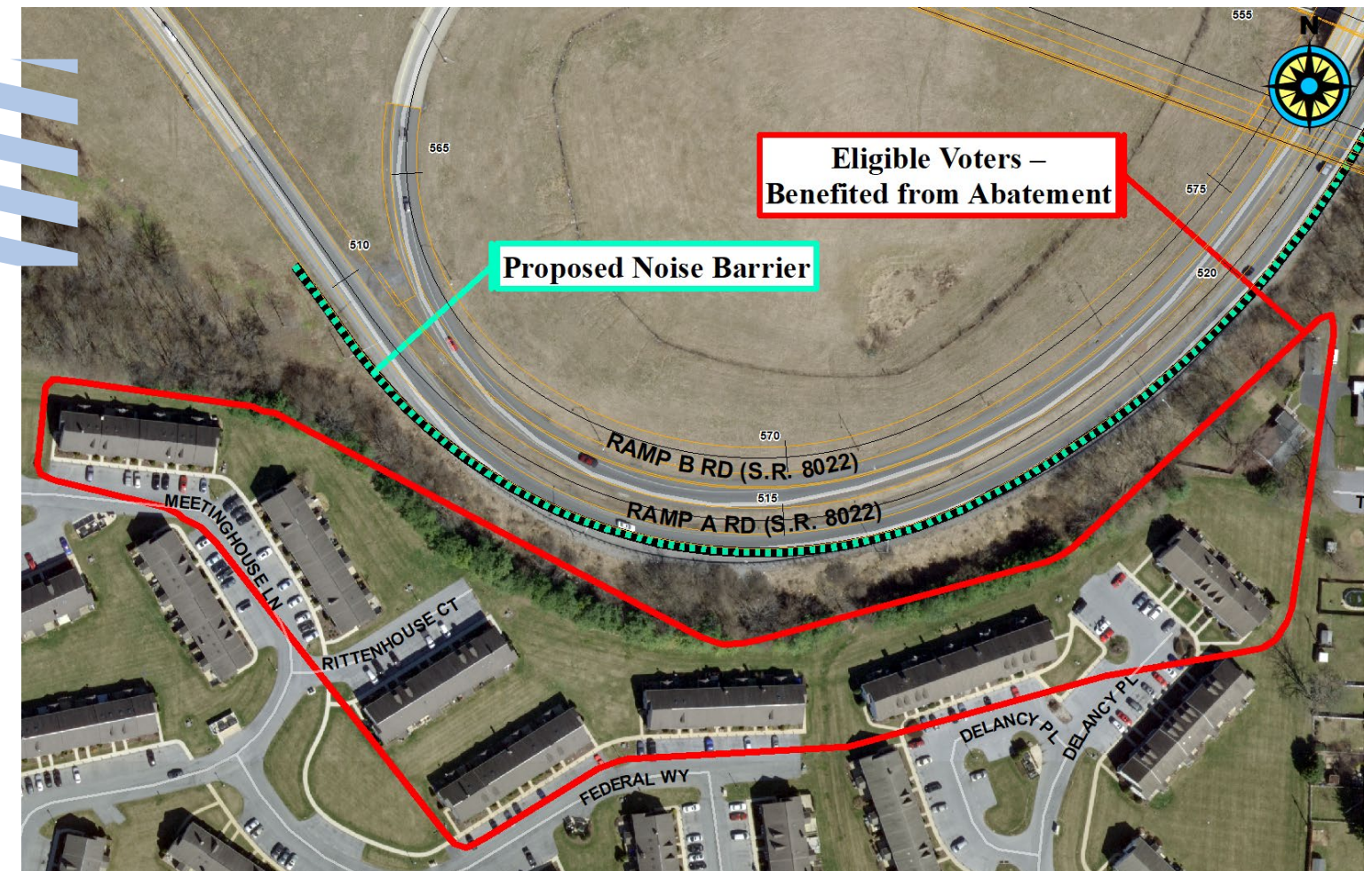
## WHO GETS A VOTE?

Noise barrier surveys are sent to the owners and/or occupants of properties where noise impacts are anticipated and noise mitigation measures would provide a benefit. A **noise-impacted property** is a property that is projected to experience peak-hour noise levels above 66 dBA in the design year of the project (2044). A **benefited property** is any residential property that is predicted to receive a minimum of 5 dBA reduction as a result of the barrier installation.



## WHEN WILL THE NOISE BARRIERS BE BUILT?

This project is anticipated to be advertised for construction in Fall 2022. The proposed construction will be accomplished in five major stages, with accompanying maintenance and protection of traffic phases. The duration of construction is estimated to occur over the course of two years.



This map shows the Noise Sensitive Area and the location of the proposed noise barrier.

## YOUR VOTE COUNTS!

Potential noise abatement design is happening now. Public preferences are considered during this process. PennDOT is reaching out to you via this newsletter and the scheduled community meeting to explain the noise study results and the proposed mitigation design, as well as to obtain your opinion and your vote. A sound wall is planned for your community and will be constructed unless it is opposed by the majority of residents responding to this survey. This is a final decision; if the community votes not to have a barrier, it cannot return at a later time to request a noise barrier.

PennDOT is also interested in what you think the barrier should look like from the neighborhood. If the community is in favor of a sound wall, your vote on the color and texture will be tallied and considered by PennDOT, who will make a final decision based on input from the majority of voters. PennDOT will select the appearance on the highway side of the noise barrier. A survey and postage-paid envelope have been included if you are unable to attend the meeting, but we hope to see you there so we can answer your questions in-person. If you are not able to attend the meeting, a video recording of the presentation will be made available at <https://www.penndot.gov/RegionalOffices/district-8/ConstructionsProjectsAndRoadwork/Pages/US222-US30-Interchange-Improvement.aspx>. The results of the voting will be available after all surveys are received and counted. PennDOT will provide the results on the project website.

For more information on the highway noise process in Pennsylvania, you may want to visit PennDOT's website at [www.penndot.gov](http://www.penndot.gov) and search for Publication 24, "Project Level Highway Traffic Noise Handbook".