I-69 Section 6, Martinsville



Noise Barrier Meeting March 12, 2019



WHY ARE WE HERE TONIGHT?

Final Design Noise Analysis

- Key Terms
- Analysis Results

Noise Barrier Design

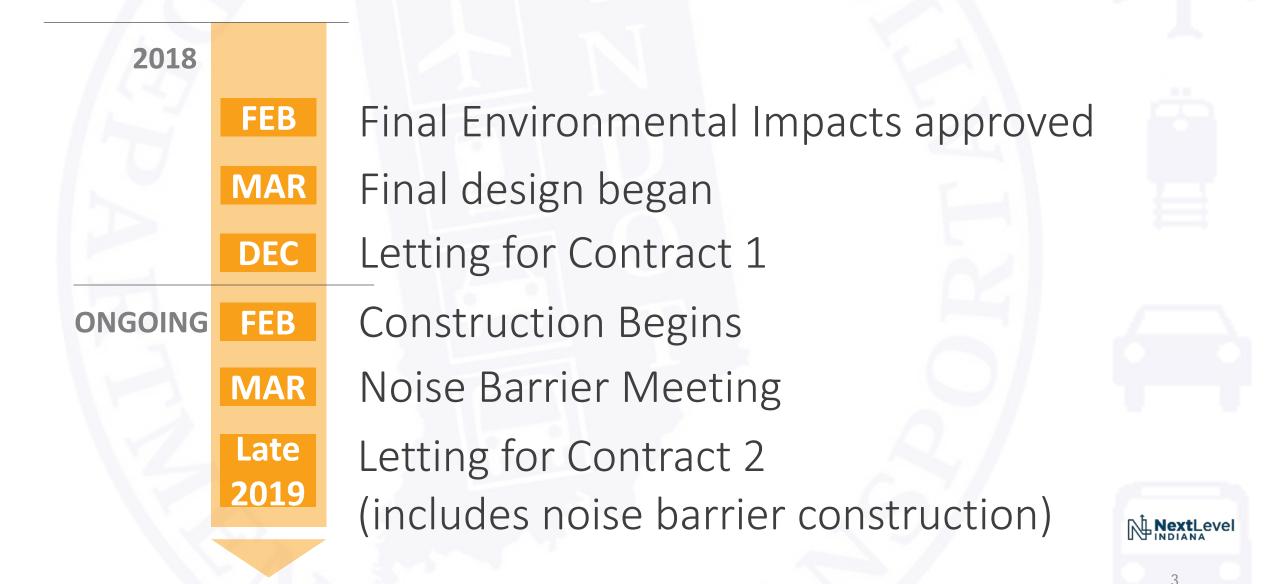
- Recommended barrier locations and details
- Aesthetics

Noise Barrier Survey

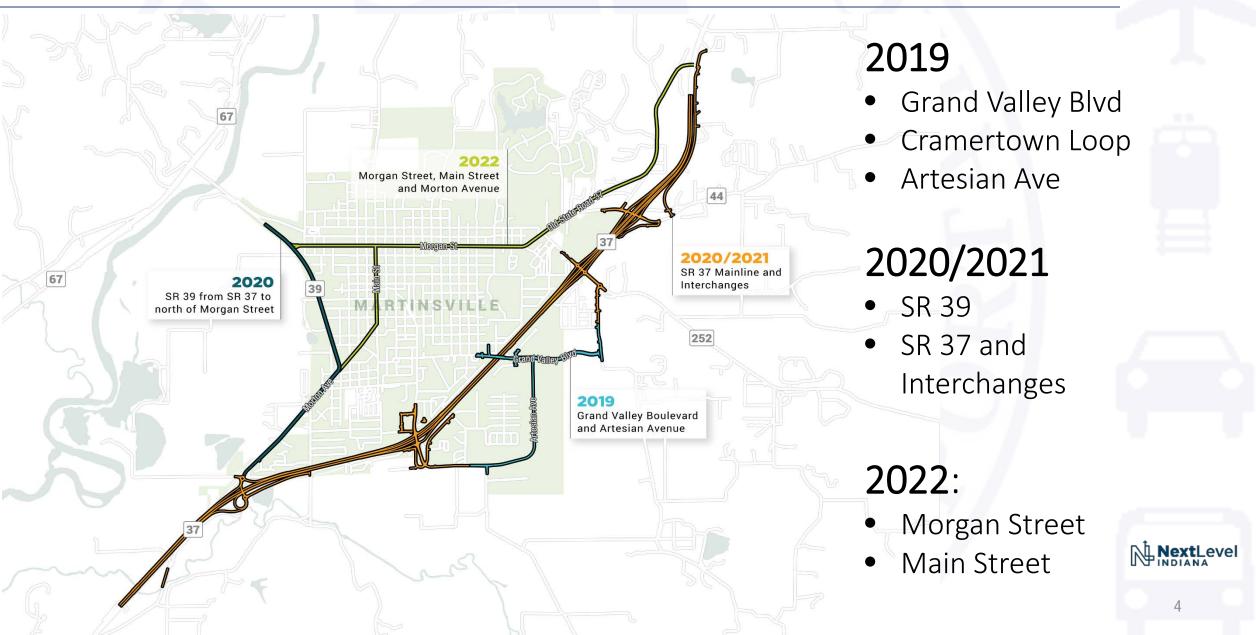
 View of Residents and Property Owners



MARTINSVILLE UPDATE



CONSTRUCTION BY YEAR



REAL ESTATE UPDATE

200+ Parcels in Martinsville

Right-of-Way Acquisition in Progress 200 Kitchen Table Meetings (KTMs) conducted in Martinsville

> 600+ along the corridor



Final Design Noise Analysis – Key Facts

Changes since FEIS

Analysis at 661 locations

Impacts to 238 Locations

7 noise barriers (same as FEIS)





Definitions

Receptor

A dwelling unit or area of frequent human use.

Impacted Receptor

A receptor that's predicted noise levels approach or exceed the noise abatement criteria (NAC) or the predicted traffic noise will substantially exceed the existing noise level.

Benefited Receptor

Receptors are considered to be benefited when they receive a minimum 5.0 dB(A) reduction in the future noise levels.

First Row Receptor

The first parcel that exhibits the qualities of a receptor that is directly adjacent to the roadway; there is no set distance requirement. Undeveloped land that is permitted or has a foundation under construction can be a first row receptor.

Approach

To be within 1.0 dB(A) of the appropriate noise abatement category. This applies to all of the noise abatement categories which have a noise abatement criteria value.



Barrier Classifications

A barrier is considered FEASIBLE if:

- It can provide a 5 dB(A) reduction at a majority of impacted receivers, AND
- It can be constructed using sound engineering practices. This considers factors such as environmental, drainage, safety, and other issues to identify best location for a barrier.

A barrier is considered COST EFFECTIVE if:

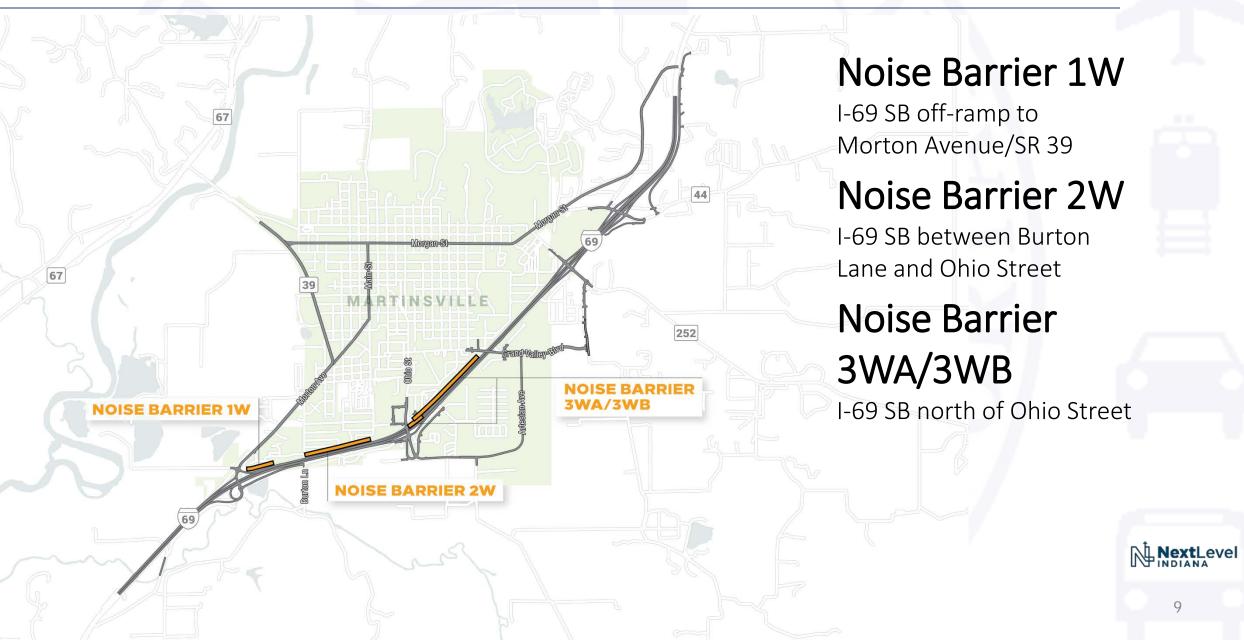
- It can provide a 5 dB(A) reduction in noise levels, AND
- It costs no more than \$25,000 per benefited receptor.

A barrier is considered REASONABLE if:

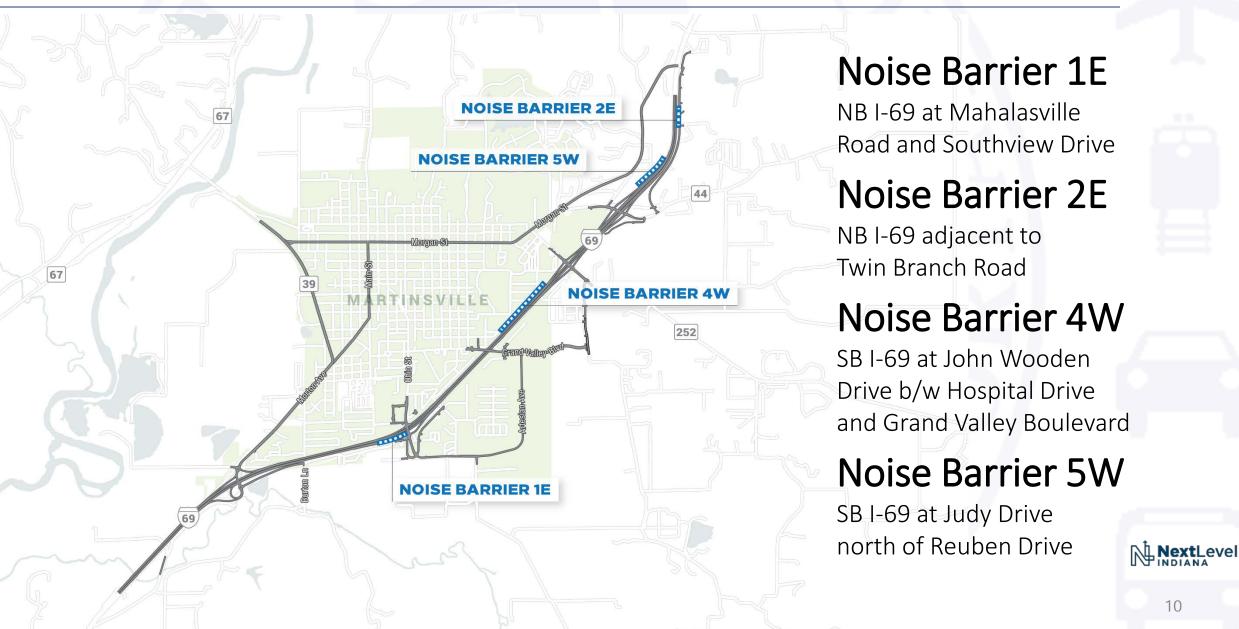
- It is cost effective, AND
- It is supported by benefited receptors.*

* Includes property owners and tenants.

RECOMMENDED NOISE BARRIER LOCATIONS



NOT RECOMMENDED NOISE BARRIER LOCATIONS



NOISE BARRIER 1W – I-69 SB off-ramp to Morton Avenue/SR 39

1,014 feet TOTAL BARRIER LENGTH

16 feet AVERAGE HEIGHT 12-22 feet

HEIGHT RANGE

Barrier located at shoulder of off-ramp



11

NOISE BARRIER 2W – I-69 SB between Burton Lane and Ohio Street

2,559 feet TOTAL BARRIER LENGTH

11 feet AVERAGE HEIGHT

6-18 feet HEIGHT RANGE

Barrier located at edge of shoulder



Noise Barrier 3WA/3WB – I-69 SB north of Ohio Street

3,398/ 601 feet TOTAL BARRIER LENGTH

14 feetAVERAGE HEIGHT**12-16 feet**HEIGHT RANGE

Barrier located at shoulder of roadway and off-ramp on top of retaining wall / bridge



Aesthetics: Noise Barrier



A Brick texture sound wall

- Receptor side will be decided by Contractor
- Contacted by Contractor

Snap brick retaining wall 🕨





Noise Barrier Survey INDIANA DEPARTMENT OF TRANSPORTATIA

RESIDENT INPUT SURVEY AND INFORMATION MEETING

1. Noise Barrier NBLW -1-69 southbox 2. Nosie Barrier NB2W -1-69 southb

Noise Barrier NB3WA/NB3WB -1-69 south

A meeting to discuss potential noise barn A meeting to discuss potential noise barriers INDOT's noise miliation process and propose interview and potent from the multiple your INDUT'S noise mitigation process and proposed questions and solicit input from the public. Your

The meeting will be held: Tuesday March 12, 2019 at 6:00 p.m. Martinsville High School wierunsvine nier surioun 1360 E. Grav Street in Martinsvilli

roject development process, invol ask of a noise barrier whether or not they ni ur a innae vanier miterier ur inn ries sfeedback received before making a dec noiser the received before making a V (Breater than 50%) of benefited landown majority (greater than 50%) or benefited jandowne your required intervent of the second entering of the second ent required, much needs your input on whether you ' Please complete and return the enclosed survey card.

February 22, 2019

Dear Resident/Property Owner:

Due by March 26, 2019

Nailing Addr

Noise Barrier Survey Card Thank you for completing this survey card. Please only fill out one card per household.

Are you the property owner or tenant listed above?

You in favor of a noise barrier at your property or residence?

res No (If no, please add contact information below)

Contact Information for address above, if different than printed (please print)

Yes, I want the noise barrier to be constructed. No, I do not want the noise barrier to be constructed.

Indiana Department of Transportation (INDOT) is soliciting input from residents and property owners that would benefit from the construction of noise barriers for the Interstate 69 (I-69) Section 6 Project includes upgrading SR 37 to I-69 from south of Indian Creek north Martinsville, in Morgan County. The project Includes upgrading SR 37 to I-69 from south of south of the project includes upgrading SR 37 to I-69 from south of the project Includes u Would benefit from the construction of noise barriers for the Interstate 69 (I-69) Section 6 Project through Matinsville, in Morgan County. The Project Includes upgrading 5R 37 to 1-69 from south of Indian Creek north to Twin Branch Road and Interchange construction at 5R 39, Ohio Street, and SR 252/SR 44. Martinsville, in Morgan County-The Project Includes upgrading 5R 37 to 1-69 from south of to Twin Branch Road and Interchange construction at 5R 39, Ohio Street, and SR 252/5R AA. Noise barriers were determined to be feasible and cost effective on the vest side of 1-69 at three locations. Please return this survey by March 26, 2011 Complete Survey – Goal of 50%+ response rate

For more

The Indiana Department of Transportation

(INDOT) is soliciting input from residents and property owners that have been determined to benefit from the construction of noise barriers for the 1-69 Section 6 Project

through Martinsville, in Morgan County.

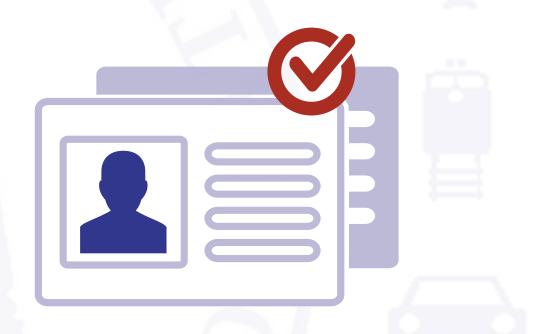
INDOT needs your input on whether you

want the proposed noise barrier construct.

- Mailed Survey
- Door-to-Door
- Complete Tonight
- Results by May

SAFETY is Top Priority!

- All field staff will have project ID cards
- If in doubt, ask to see ID







Section 6 Phone: 855-INDOT4U 855-463-6848 Email: section6pm@indot.in.gov

www.i69indyevn.org