

# TRAFFIC NOISE PRACTITIONER SUMMIT JUNE 2018



OHIO DEPARTMENT OF  
TRANSPORTATION

# Design Build Noise Studies – Implementation and Challenges wall final design- **Lessons Learned**

- Bottom Of Wall Elevations In Analysis And DB Scope In Conflict With Field
- Insufficient Wall Sf In Scope Or Buried Wall Sf Is Not Included In The Quantities
- Inaccurate Noise Barrier Design Details In The Analysis.
- Distance Offset Of Wall From EOP In Conflict With Field
- Added Cost For A New Wall Can't Be Added To DB Project. Must Be A Separate Project.
- Existing Ground Elevation In Scope Is Different Than What DBT Surveyors Shot
- Existing Utilities Found To Be In Conflict With Proposed Noise Wall Location. Not Clearly Described In DB Scope. Utilities Need To Be Clearly Described And Relocations Addressed In The DB Scope, If There Is A Conflict.
- Increased Sf For Smooth Tow Profile Rejected. Sf Evenly Distributed For Smoother TOWP. Added A Colored Sealer For The Panels. No Color On The Panels Suggestion Rejected.



# Design Build Noise Studies – Implementation and Challenges wall final design- **Lessons Learned**

- Design Changes Causes Delays And Contracting Issues
- Fast Track Schedule, Hence, Reluctance To Address Minor Comments
- Less Flexibility And Reluctance To Make Changes
- Noise Wall Construction Plan Prep Schedule Is Unknown Until It Sells.
- Less Review Time; Less Issues Get Caught
- DOT Should Implement A Better System Of Checks And Balances.
- DOT Should Negotiate To Retain The Ability To Make Minor Changes To Project Scope Without Incurring Major Additional Costs Or Granting Time Extensions.
- **We Identify Some Of These Items, Look At The Risk, Make A Decision On Whether Design Build Is Appropriate**



# Questions, comments?

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