



**Pennsylvania Turnpike Commission**

**Welcome to the Public Officials' Meeting**  
**Total Reconstruction and Widening Project**  
**Milepost A48 to A53**

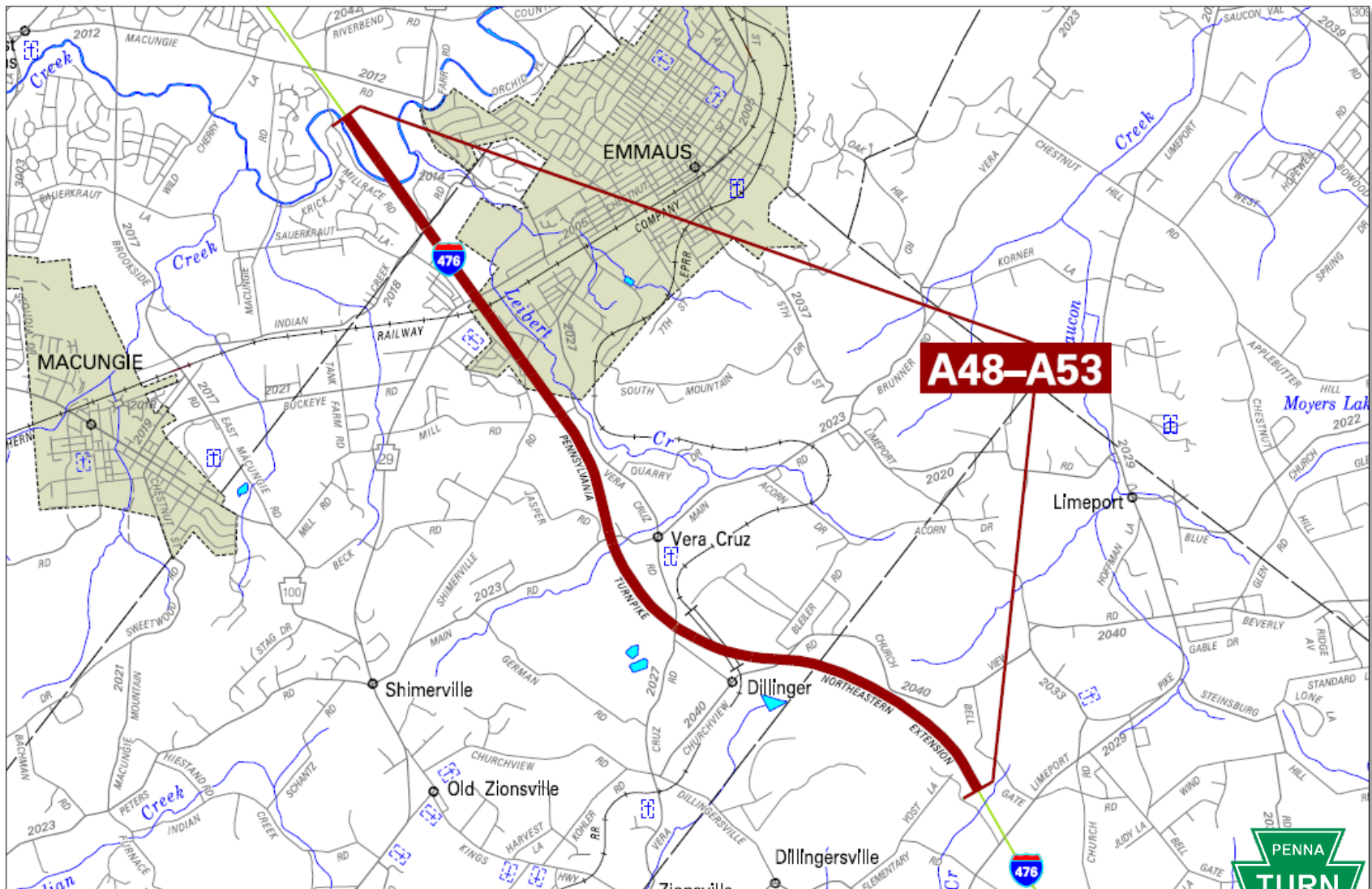
**May 31, 2017**

**Lehigh County, PA**

# Agenda

- I. Welcome and Introductions
- II. Project Overview
- III. Side Road Coordination
- IV. Stormwater Management
- V. Project Schedule
- VI. Public Involvement
- VII. Open Discussion

# Project Location

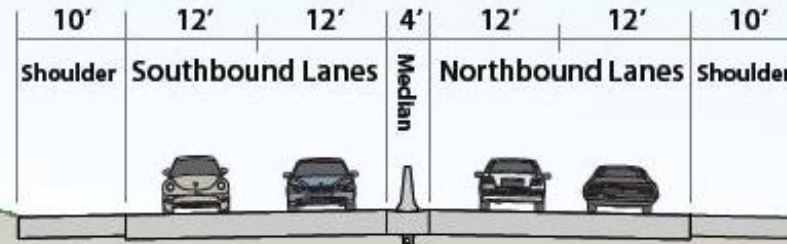


**TOTAL RECONSTRUCTION AND WIDENING PROJECT  
MILEPOST A48 TO A53**

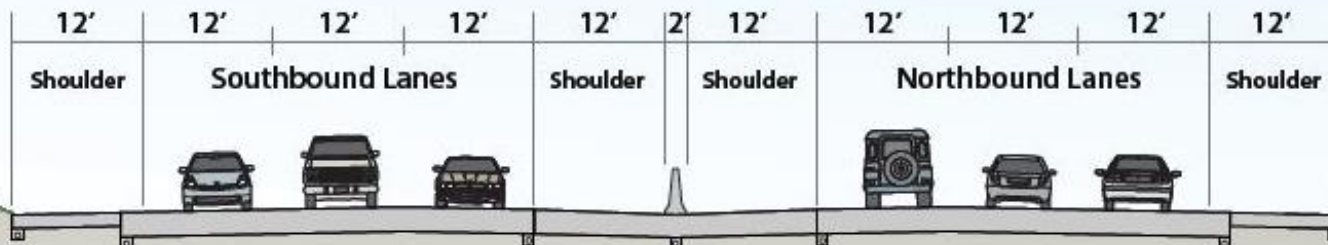


# Typical Section

Existing Typical Section



Proposed Typical Section



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# Stage 1 Construction



While Widening to the Outside

Keep Traffic in Existing Lanes

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# Stage 2 Construction



Reconstruct Original Roadway

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# Construction Completed



122' Typical Section

An aerial photograph of a multi-lane highway with a central median. A yellow double-headed arrow spans the width of the road, from the left shoulder to the right shoulder, indicating a 122-foot typical section. The road has multiple lanes in each direction, separated by white dashed lines. The surrounding landscape is rural with fields and trees in the background.

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# SR 2040 (Church View Road) under Mainline Bridge No. NB311, MPA49.03



Existing Bridge:  
Single Span T-Beam  
Bridge Span = 36.85 feet  
Vertical Clearance = 14.67 feet

SR 2040 – Church View Road

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# SR 2027 (Vera Cruz Road) over Mainline Bridge No. NB314, MPA49.67

SR 2027 – Vera Cruz Road



**Existing Bridge:**  
Three Span Hinged I-Girder  
Bridge Span = 171 feet  
Vertical Clearance = 16 feet

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# SR 2023 (Main Road) under Mainline Bridge No. NB317, MPA50.29



## SR 2023 – Main Road

Existing Bridge:  
Single Span T-Beam  
Bridge Span = 30 feet  
Vertical Clearance = 14.25 feet

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# T-435 (Mill Road) under Mainline Bridge No. NB320, MPA51.02



Existing Bridge:  
Single Span T-Beam  
Bridge Span = 30 feet  
Vertical Clearance = 13.42 feet

## T-435 – Mill Road

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# T-426 (Shimerville Road) under Mainline Bridge No. NB323, MPA51.36



**Existing Bridge:**  
**Three Span Steel I-Girder**  
**Bridge Span = 133.5 feet**  
**Vertical Clearance = 14.25 feet**

## T-426 – Shimerville Road

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# Norfolk Southern Rail Road under Mainline Bridge No. NB327, MPA51.76



Existing Bridge:  
Three Span Steel I-Girder  
Bridge Span = 160.5 feet  
Vertical Clearance = 24 feet

## Norfolk Southern RR

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# SR 29 (Chestnut Street) under Mainline Bridge No. NB328, MPA51.82



*SR 29 – Chestnut Street*

Existing Bridge:  
Three Span Steel I-Girder  
Bridge Span = 184.35 feet  
Vertical Clearance = 32 feet

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# SR 2018 (Indian Creek Road) over Mainline Bridge No. NB331, MPA52.30

## SR 2018 – Indian Creek Road

Existing Bridge:  
Three Span Hinged I-Girder  
Bridge Span = 139 feet  
Vertical Clearance = 15 feet



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# Little Lehigh Creek / Olympic Park under Mainline Bridge No. NB334, MPA52.61



**Existing Bridge:**  
**Four Span Steel I-Girder**  
**Bridge Span = 342 feet**  
**Vertical Clearance = 332 feet**

*Little Lehigh Creek*

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# Stormwater Management

## ■ Approved Act 167 Plans

- ≡ Little Lehigh Creek Act 167
- ≡ Perkiomen Creek ACT 167
- ≡ Saucon Creek ACT 167

## ■ Township Ordinances

- ≡ Lower Macungie Township
- ≡ Borough of Emmaus
- ≡ Upper Milford Township
- ≡ Lower Milford Township

## ■ PaDEP Chapter 102



# Project Schedule

- **Preliminary Design**

- ≡ Side Road Coordination
- ≡ Field Surveys
- ≡ Traffic Data Collection
- ≡ Environmental Studies
- ≡ Geotechnical Studies
- ≡ Utilities Locating
- ≡ Roadway and Bridge Design
- ≡ Drainage and Stormwater Management Design

- **Advanced Overhead Bridge Replacements**

- **Mainline Turnpike Reconstruction**

- **Right-of-Way Acquisition Process**