



# PENNDOT MAJOR BRIDGE P3- I-80 CANOE CREEK



Bridging Pennsylvania Developers I &  
Bridging Pennsylvania Constructors  
Public Meeting

October 3, 2023

## How to MAXIMIZE today:

- **WEBINAR:** This is in Webinar format, only presenters will have speaking capabilities.
- **QUESTION:** Please direct your questions to the Q&A option. We will look to incorporate these throughout the presentation and during the Q&A portion at the end.
- **RECORDING:** We will be recording today's session. English and Spanish recordings, along with a copy of this presentation will be published following today's session.

# Agenda

- Welcome & Introductions
- Program & Project Updates
- Pre-Construction and Current Activities
- Upcoming Construction Schedule Activities
- Getting Involved- DBE & Workforce Programs
- Closing Remarks & How to Stay Informed



**Welcome & Introduction**

# Meet the I-80 Canoe Creek Team





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**PennDOT- Program & Project Update**

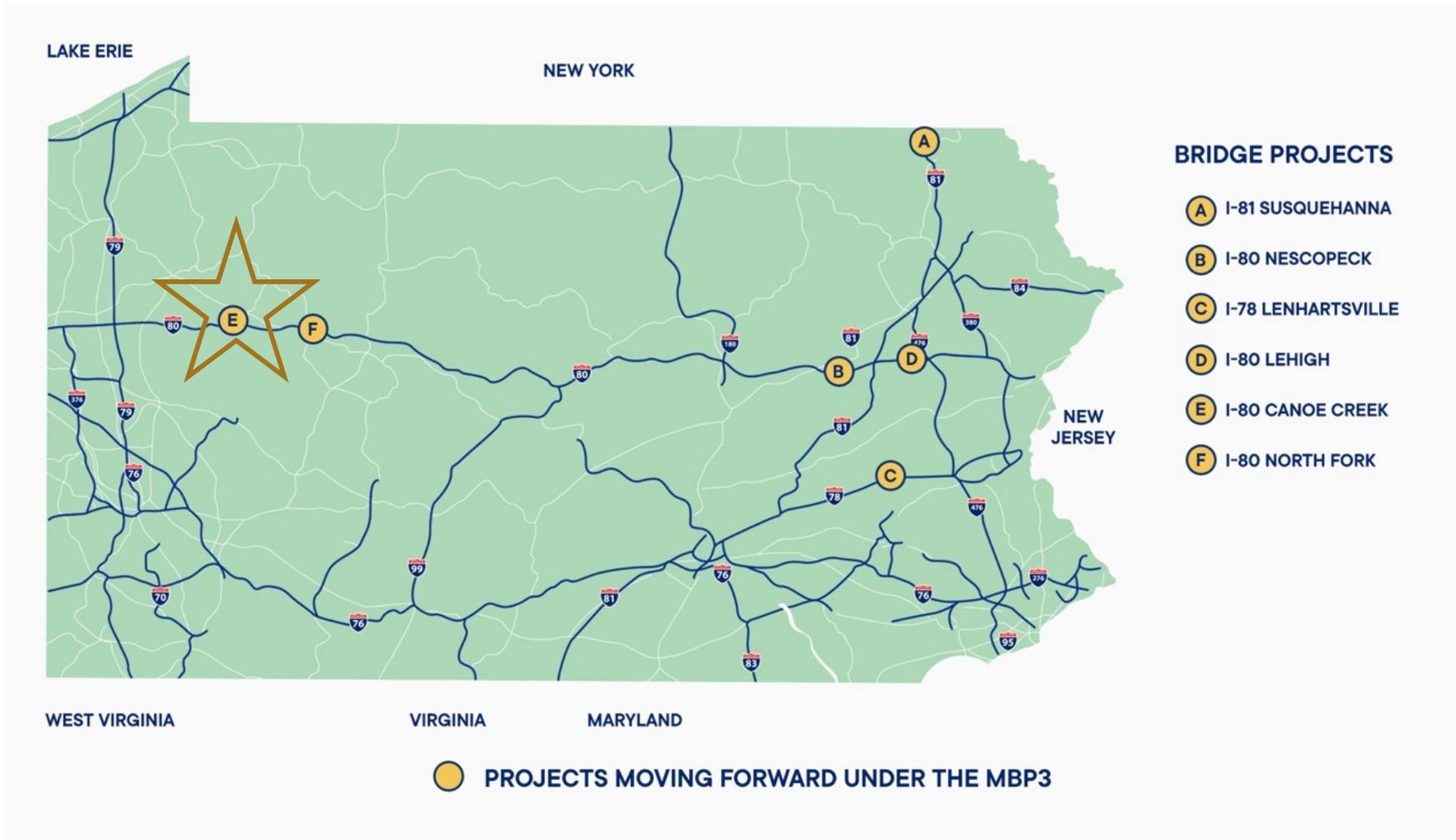
# PENNDOT MAJOR BRIDGE P3



## KEY DATES

- November 2020- The Major Bridge P3 (MBP3) was approved by the Pennsylvania P3 Board, for the replacement or rehabilitation of nine major interstate bridges throughout a progressive P3 delivery model.
- At that time, PennDOT planned to make annual payments to pay for the work and financing costs on these bridges using mandatory tolling, as was permitted by the Pennsylvania P3 law.
- Since that time, Act 84 of 2022 amended the P3 law to eliminate mandatory tolling of existing free lanes. The act also preserved the department's ability to continue the MBP3 and move forward with the Predevelopment Agreement (PDA) with Bridging Pennsylvania Partners (BPP).
- August 2022- PennDOT chose to move the bridge projects in the MBP3 forward without tolling and pay for the project(s) using existing funds to make annual payments to the development entity over 35 years.
- December 2022- Financial Close is achieved on Package I, including six (6) bridges
- October 2023- Anticipated Construction Start for I-80 Canoe Creek

# MAJOR BRIDGE P3 PACKAGE I



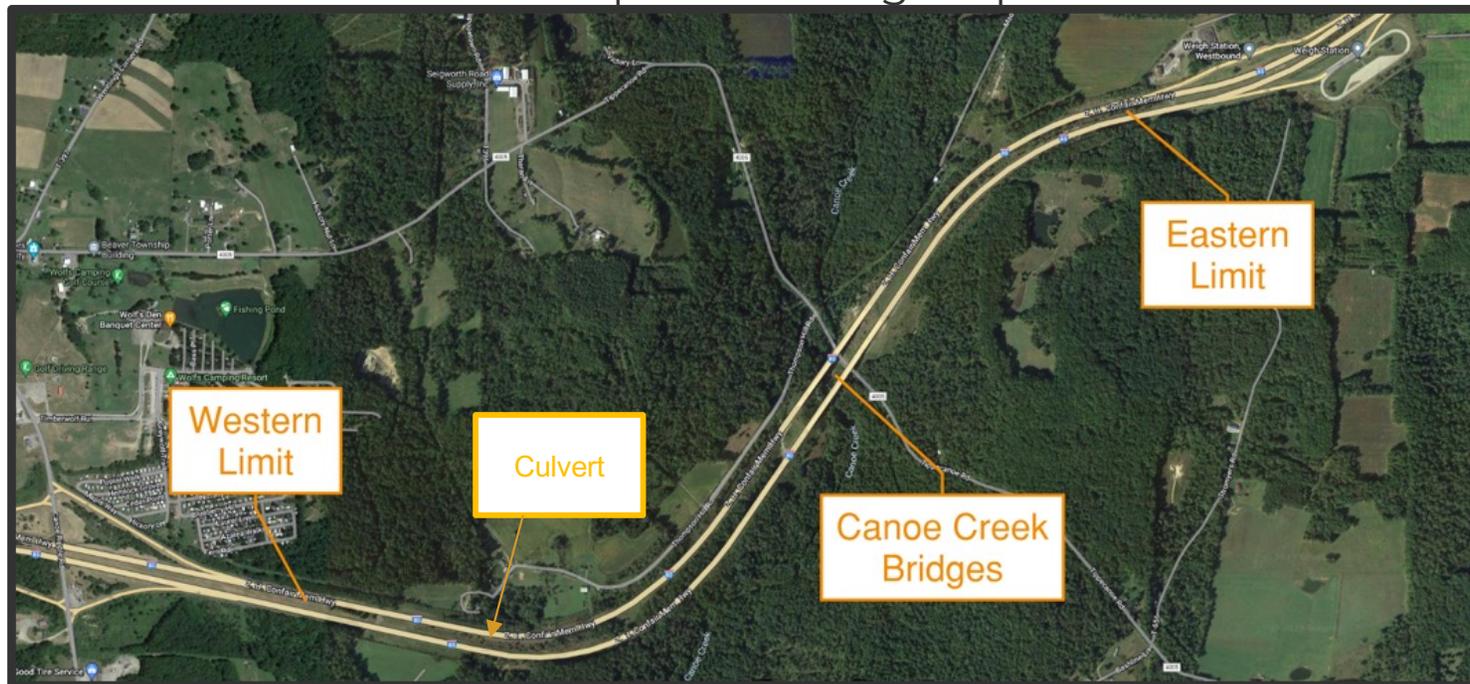


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**Pre-Construction and Current Activities:**

# Project Overview

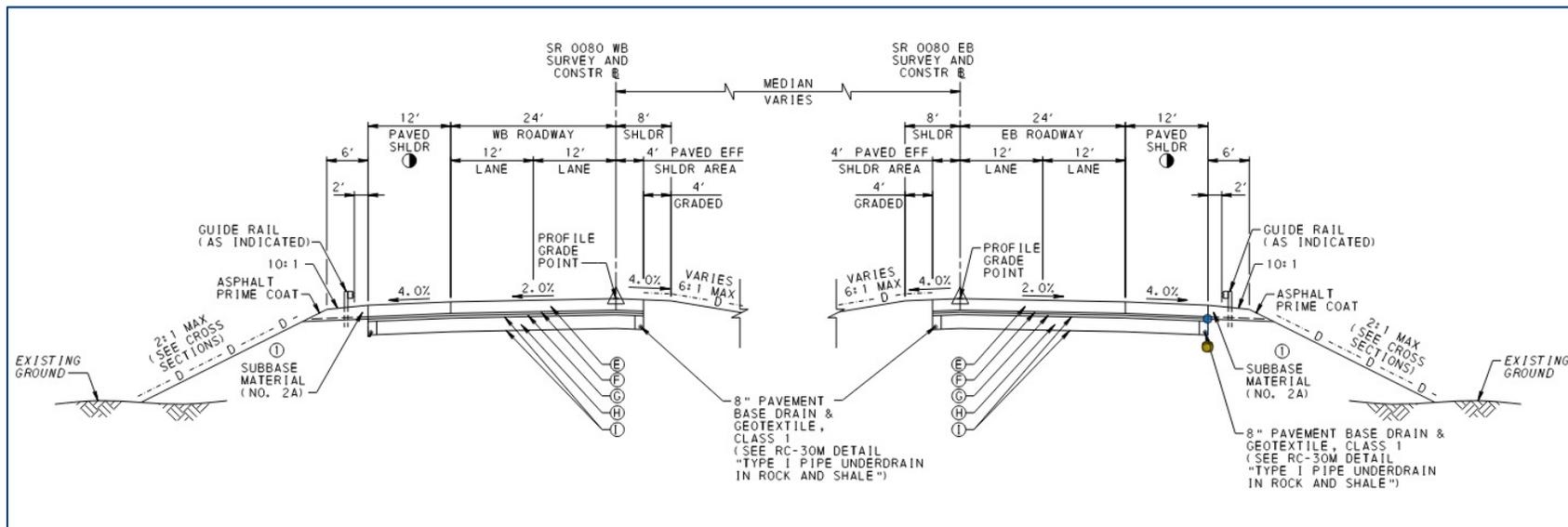
- Complete reconstruction of approximately 2.5 miles of I-80 EB and WB between exit 53 and weigh station west of Huckleberry Ridge.
  - Includes roadway realignments, storm sewer upgrades, ITS components, all new signing and pavement markings, construction of two bridges, and a culvert rehabilitation
- Four phases of construction
  - Start: Fall 2023
  - End: Fall 2027
- Two lanes of traffic will be maintained in both directions at all times, with the exception of lane closures as required during off peak hours.



# Project Overview

## Roadway:

- Two-12' Concrete lanes with 12' outside shoulders, 8' inside shoulders
- Complete realignment of EB and partial realignment of WB to meet current standards



## Structures:

- Two-1,200', Steel Girder, 5-span bridges spanning Canoe Creek and Tippecanoe Rd.
- 24' outside shoulders (for future redecking/rehabilitation)
- Tallest Piers >100' high
- Rehabilitation of the 500' Thompson Hill Culvert

# Project Overview

## **Right-of-Way:**

- 1 Permanent Take
- 4 Temporary Construction Easements (TCE)

## **Utilities:**

- Overhead line relocations under the bridges
- Protection of underground gas lines under the bridges
- RWIS (weather station) relocated to eastern end of the project

## **Environmental/Permits:**

- Tippecanoe Furnace Site
- Minor stream and wetland impacts
- NPDES Permit approved

## **ITS/Signing:**

- 2 New Cameras
- All new signs and pavement markings



# Traffic Control

## PRE-PHASE 1 **OCT 2023**

### CONSTRUCTION

- CONSTRUCTION OF TEMPORARY SHOULDER PAVEMENT, WHERE REQUIRED, FOR THE PLACEMENT OF TEMPORARY BARRIER ALONG BOTH I-80 EB AND WB INSIDE SHOULDERS
- CONSTRUCTION OF PERMANENT DEPARTMENT MAINTENANCE FACILITY ACCESS ROAD

### TRAFFIC

- I-80 EB AND WB ON EXISTING PAVEMENT WITH SHORT-TERM SINGLE LANE CLOSURE AS REQUIRED

## PHASE 1 **ANTICIPATED: OCT 2023 – SUMMER 2025**

### CONSTRUCTION

- REMOVE AND STOCKPILE ROADWAY WEATHER INFORMATION SYSTEM INSTALLATION AT I-80 EB 295+25 LT
- REMOVE AND STOCKPILE CCTV INSTALLATIONS AT I-80 EB STATION 302+90 RT AND 317+90 LT
- CONSTRUCTION OF I-80 EB STRUCTURE IN MEDIAN
- CONSTRUCTION OF THE MAJORITY OF THE NEW I-80 EB PAVEMENT AND SHOULDERS ADJACENT TO THE NEW STRUCTURE
- CONSTRUCTION OF TEMPORARY CROSSOVER

### TRAFFIC

- I-80 EB AND WB ON EXISTING I-80
- SR 4005 TRAFFIC MAINTAINED WITH DETOUR DURING OVERHEAD BEAM ERECTION.

## PHASE 2 **ANTICIPATED: SUMMER 2025 – SUMMER 2027**

### CONSTRUCTION

- DEMOLITION OF EXISTING I-80 WB STRUCTURE
- CONSTRUCTION OF NEW I-80 WB STRUCTURE
- CONSTRUCTION OF I-80 WB PAVEMENT

### TRAFFIC

- WB TRAFFIC ON NEW I-80 EB STRUCTURE, PAVEMENT, AND TEMPORARY CROSSOVER
- EB TRAFFIC ON EXISTING I-80 EB LANES
- SR 4005 TRAFFIC MAINTAINED WITH DETOUR DURING OVERHEAD BEAM DEMOLITION AND ERECTION.

## PRE-PHASE 3

### CONSTRUCTION

- CONSTRUCTION OF I-80 EB TEMPORARY PAVEMENT IN MEDIAN

### TRAFFIC

- I-80 EB AND WB ON EXISTING I-80
- I-80 EB AND WB LONG-TERM SHOULDER CLOSURES AND SHORT TERM SINGLE LANE CLOSURES, AS REQUIRED.

## PHASE 3 **ANTICIPATED: SUMMER 2027 – FALL 2027**

### CONSTRUCTION

- CONSTRUCTION OF I-80 EB TEMPORARY WIDENING
- CONSTRUCTION OF THE REMAINING NEW I-80 EB PAVEMENT AND SHOULDERS
- DEMOLITION OF EXISTING I-80 EB STRUCTURE
- REMOVAL OF EXISTING I-80 EB PAVEMENT
- CONSTRUCT ACCESS ROAD AND PERFORM CULVERT REHABILITATION ON DOWNSTREAM END OF ALT RUN.

### TRAFFIC

- I-80 EB TRAFFIC ON TEMPORARY CROSSOVER, NEW I-80 EB STRUCTURE AND PAVEMENT
- I-80 WB TRAFFIC ON NEW I-80 WB STRUCTURE AND PAVEMENT
- SR 4005 TRAFFIC MAINTAINED WITH DETOUR DURING OVERHEAD BEAM ERECTION.

## PHASE 4 **ANTICIPATED: FALL 2027**

### CONSTRUCTION

- REMOVAL OF ALL REMAINING TEMPORARY PAVEMENT
- INSTALLATION OF ALL REMAINING SIGNING AND PAVEMENT MARKINGS
- INSTALL STOCKPILED ROADWAY WEATHER INFORMATION SYSTEM ON NEW CONCRETE PAD. COORDINATE WITH PENNDOT DISTRICT 10-0 TO DETERMINE APPLICABLE SOFTWARE AND HARDWARE UPGRADES TO THIS SYSTEM PRIOR TO REINSTALLATION.
- INSTALL STOCKPILED CCTV CAMERAS AND POLES ON NEW FOUNDATIONS

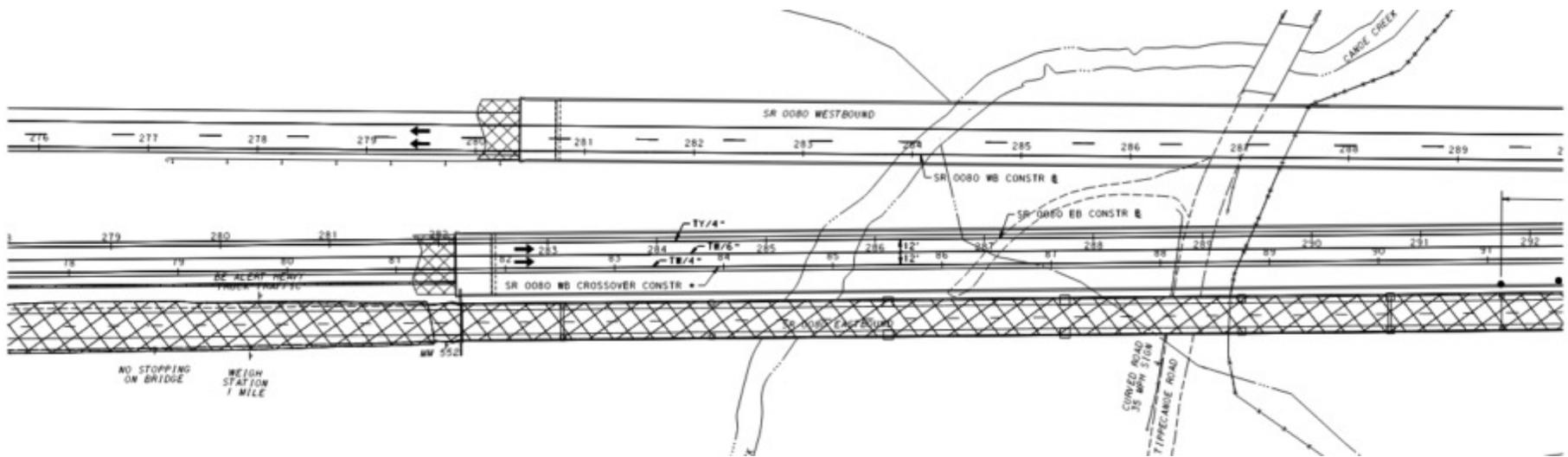
### TRAFFIC

- I-80 EB AND WB ON NEW PAVEMENT WITH LONG-TERM SHOULDER CLOSURES AND SHORT-TERM SINGLE LANE CLOSURES, AS REQUIRED.

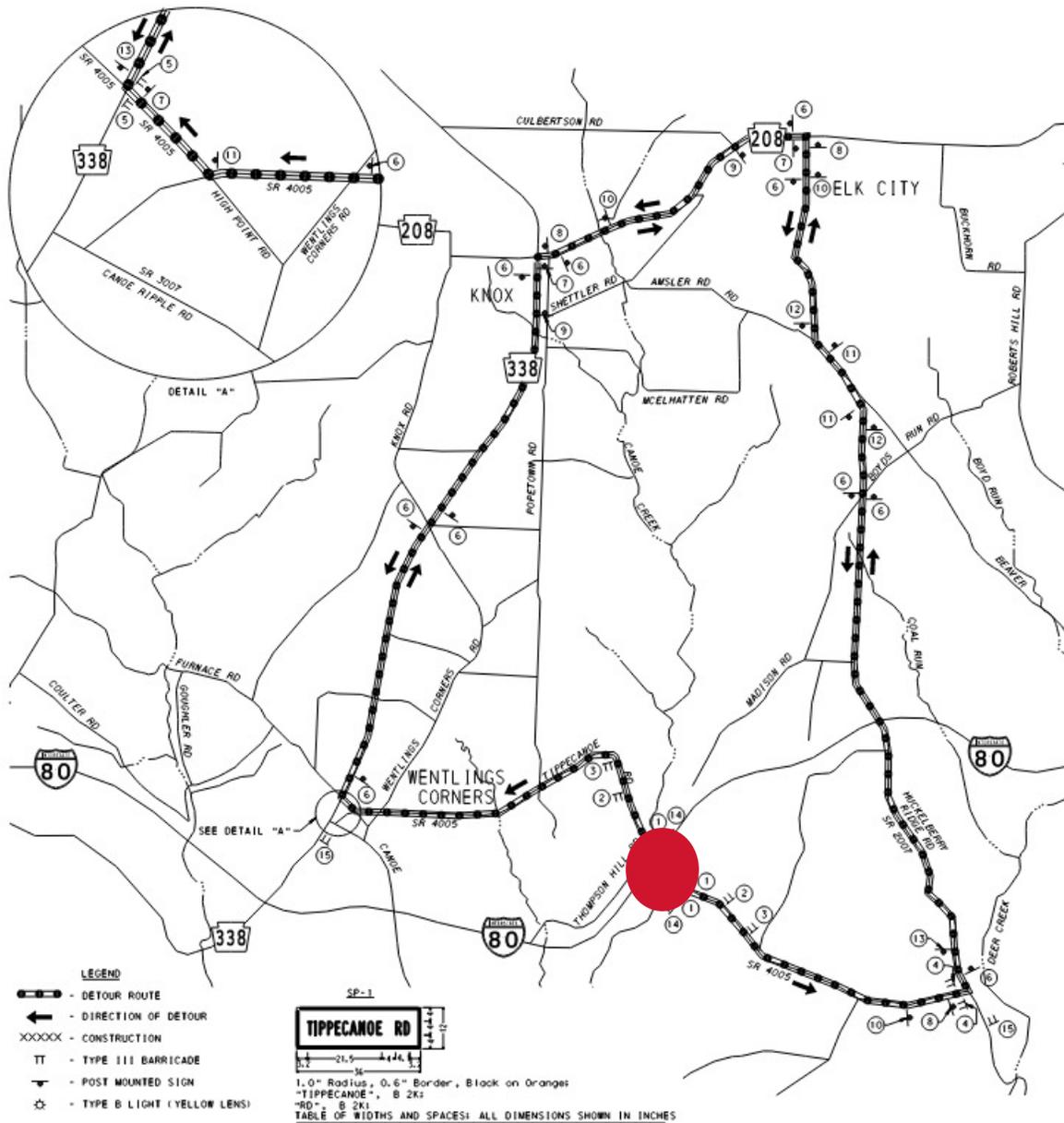


# Traffic Control - Phases

- Phase 3 – Traffic moved to permanent configuration. Removal of existing EB structure and roadway



# Periodic Detouring of SR 4005 (Tippecanoe Road)



## Detour During Phases 1-3:

- SR 4005 (Tippecanoe Rd)
- SR 0338
- SR 0208
- SR 2007 (Huckleberry Ridge)
- SR 4005 (Tippecanoe Rd)
- 13.5 Miles (~ 20 minutes)
- Limited to 14 consecutive calendar days
- No more than 6 detour events allowed



**Upcoming Construction Schedule & Activities  
Kokosing**

# Introduction to Kokosing

Kokosing is a third-generation, family-owned company that offers the accessibility of a local firm with the stability and resources of one of the largest contractors in the Midwest and mid-atlantic. Our capabilities extend from commercial buildings, industrial facilities, and power plants to transportation, pipelines, and marine projects. Kokosing is also home to the largest privately-owned fleet of equipment in the Midwest and mid-atlantic.



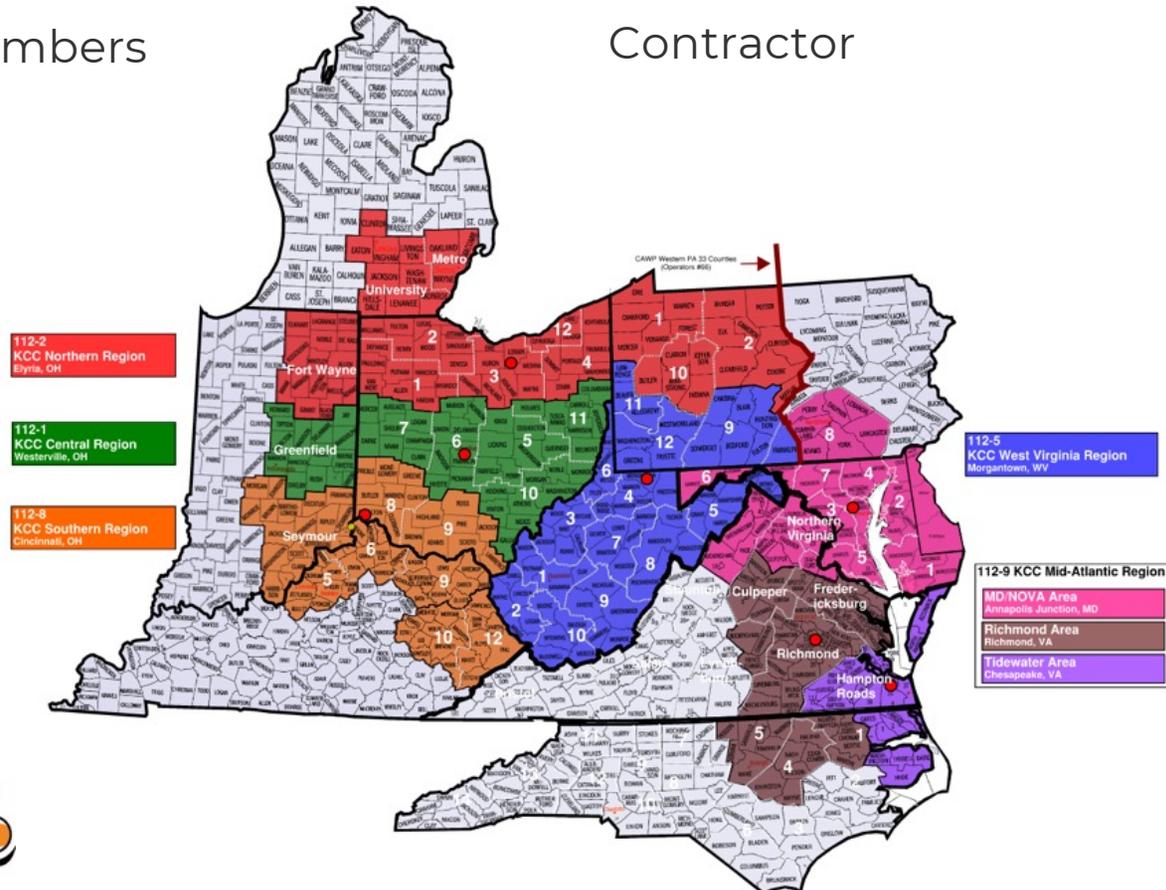
At Kokosing, our core values can be summarized in eight categories:

- Safety First
- Customer Focused
- Have Concern for the Well Being of Every Team Member
- Continuously Improve and Take on New Challenges
- Operate with Honesty and Integrity
- Shirt-Sleeve Manage
- Be a Good Member of the Community
- Financially Strong



# Introduction to Kokosing

- Seven Companies
- Seven Stone Quarries
- 19 Asphalt Plants
- Two Portable Concrete Plants
- 3,100 Team Members
- 1,600+ Units of Heavy Equipment
- \$450+ Million in Equipment Assets
- 250+ Support Operations Personnel
- ENR 18<sup>th</sup> Largest Heavy Domestic Contractor



# Kokosing Scope of Work-By the Numbers

- 600,000+ CY Excavation
- 81,000 SY Concrete Pavement
- 12,500 LF Storm Sewer Conduit
- 190 EA Storm Sewer Inlets
- 29,000 LF Under Drain
- 53,500 CY Concrete
- 3,700,000 LB Reinforcing Steel
- 7,500,000 LB Structural Steel



# I-80 Canoe Creek Subcontracting & Supplier Opportunities

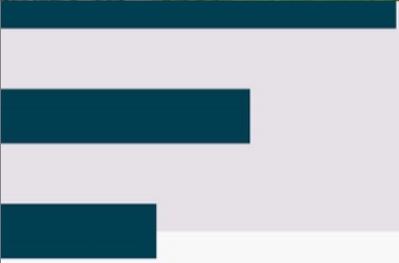


## Anticipated list of potential Subcontracting & Supplier Opportunities:

- Concrete Accessories and Forms
- Concrete Pumping
- E&S Protection
- Frames and Grates
- Landscaping
- Material Testing
- Pipe Testing
- Protective Coatings/Sealers
- ROW Fences
- Reinforced Concrete Pipe
- Surveying
- Trucking

\* All potential Subcontractors need to be current PA Business Partners

\*\* All materials to be Bulletin 15 Approved



**Get Involved: DBE & Workforce Opportunities**

**MTI**

# Our DBE & Workforce Development Team



BPD-I & BPC's local team will be coordinated by Modern Times Inc.



## **BPD-I/BPC Diversity & Inclusion Manager**

- Modern Times, Inc (MTI)
  - Liaison with PennDOT
  - Compliance & Oversight of DBE/ SBE, On-the-Job Training (OJT), Diversity & Inclusion programs
  - Outreach coordinator, small business and workforce diversity advocate



**Alex Cann**



**Jasmine Brevard**



**Closing Remarks & How to Stay Informed**

## Next Steps & Contacts Info

BPD-I Public Information Office  
PIC Hotline: (717) 500-6088  
[PublicInformationOffice@PennBridges.com](mailto:PublicInformationOffice@PennBridges.com)

District 10 I-80 Canoe Creek PennDOT  
Community Relations Coordinator  
[i80CanoeCreek@pa.gov](mailto:i80CanoeCreek@pa.gov)

BPD-I Public Information Manager  
Carla Julian  
[Carla@moderntimesinc.com](mailto:Carla@moderntimesinc.com)

For Project updates visit:  
[www.penndot.pa.gov/i80CanoeCreek](http://www.penndot.pa.gov/i80CanoeCreek)

BPD-I Equal Employment Opportunity  
Manager  
Alex Cann  
[Alexandra@moderntimesinc.com](mailto:Alexandra@moderntimesinc.com)

For Contracting Opportunities visit:  
[Bridgingpennsylvaniapartners.com](http://Bridgingpennsylvaniapartners.com)

**Please submit all questions through the Q&A function. Thank you!**





**THANK YOU FOR ATTENDING!**



October 3, 2023