

# ASHE SOUTHWEST PENN

## PENNDOT DISTRICT 12 OUTLOOK AND REVIEW

WILLIAM L. KOVACH, P.E.

RACHEL D. DUDA, P.E.

WILLIAM L. BEAUMARIAGE, P.E.

JANUARY 25, 2023

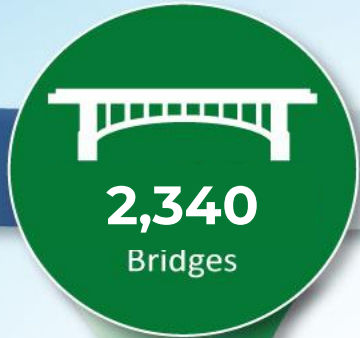


# PENNDOT BY THE NUMBERS



\*Total miles on all PA roadways

# PENNDOT DISTRICT 12



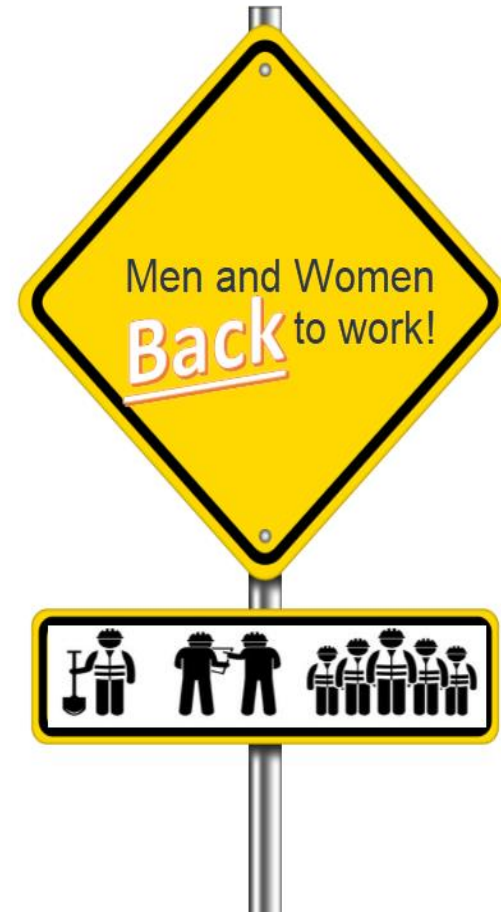
## District 12



# COVID UPDATES

## COVID Updates: *Nothing, Nada, Zilch!*

We continue to follow COVID-19 Guidelines and Best practices...



...but we are happy to be a **TEAM** again



Where we can **MEET**



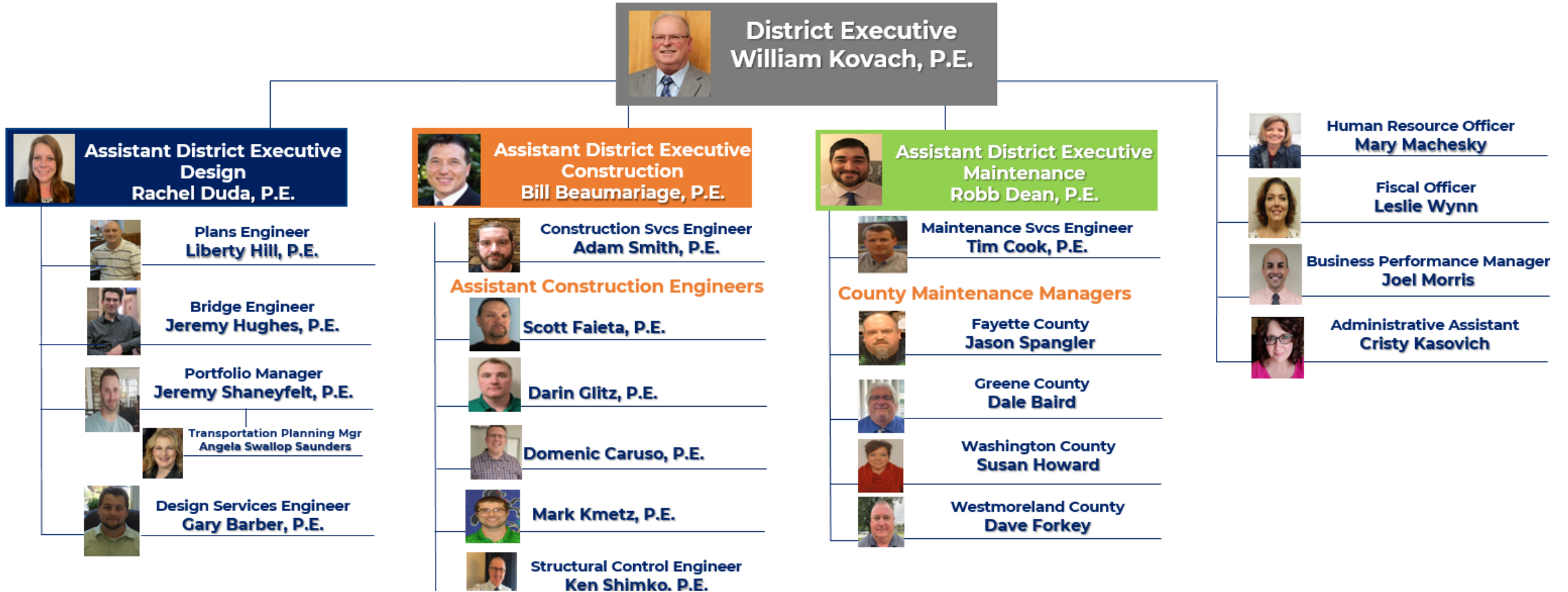
Discuss **IDEAS** in person



**COLLABORATE**



# DISTRICT 12 ORGANIZATIONAL CHART



# DISTRICT 12 TEAM

## The key to success and overcoming challenges

- Dedicated – Hard Working – Skilled – Innovative – Positive
- Have added many new people to key positions even in a competitive hiring environment
- Retirements
- Promotions and advancements
- Character of employees



Making Christmas Brighter for 60 Area Children!

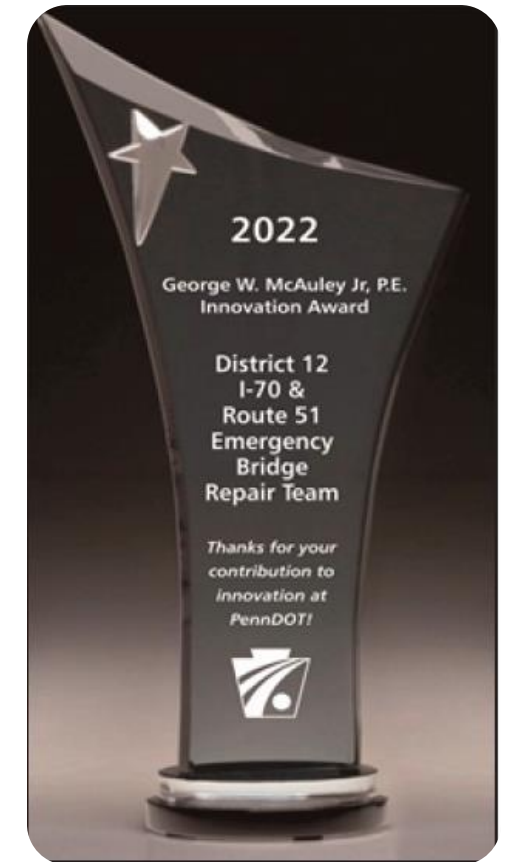


# TEAMWORK AND INNOVATION

- George McAuley Innovation Award
  - Bridge carrying PA 51 over I-70 struck by an oversize load
  - Emergency response



*Teamwork Divides the Task and Multiplies the Success!*



# THANK YOU



We consider our Business Partners to be part of our team.

- Thank you to all of our business partners that help make us successful:
  - Consultant Designers
  - Consultant Construction Inspectors
  - Consultant Construction Management Professionals
  - Contractors
  - Suppliers
  - All other supporting companies





# HAPPY RETIREMENT



**Best Wishes to Mike Keiser, who retired with 36 years of state service!**



# INTRODUCING...

**Acting Secretary of Transportation  
Michael Carroll**



# DEPUTY SECRETARY

**Deputy Secretary for Highway Administration**  
**Mike Keiser, P.E. retired**

**Melissa J. Batula, P.E.**

**Acting Executive Deputy Secretary**  
**for Highway Administration**

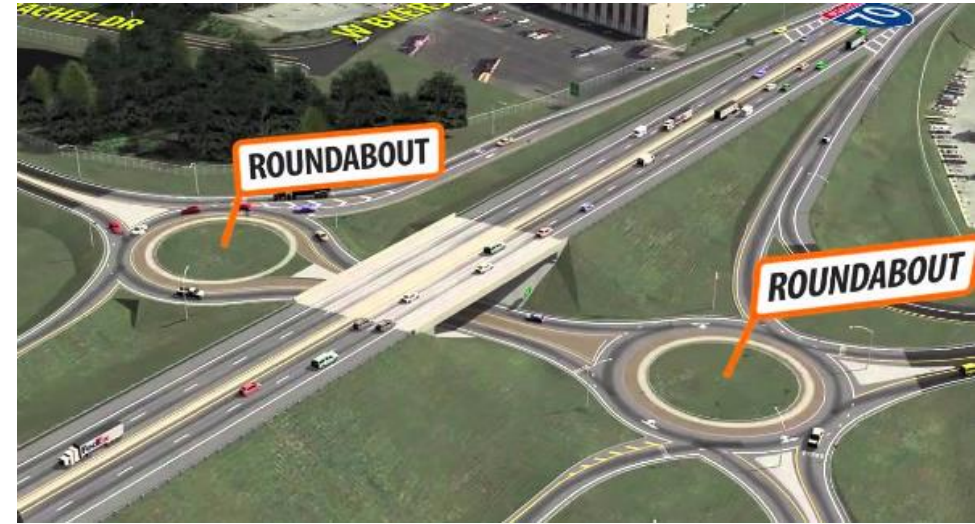
**AND**

**Deputy Secretary for Highway Administration**



# DISTRICT 12 SUCCESSES

- **Innovative Interchanges and Intersections**
- Second DDI in the District at the I-70 and Route 51 interchange under construction
- Over 20 Roundabouts either open to traffic, in construction or under design
- Modified R-cut displaced left intersection under design for Route 30 at Route 48

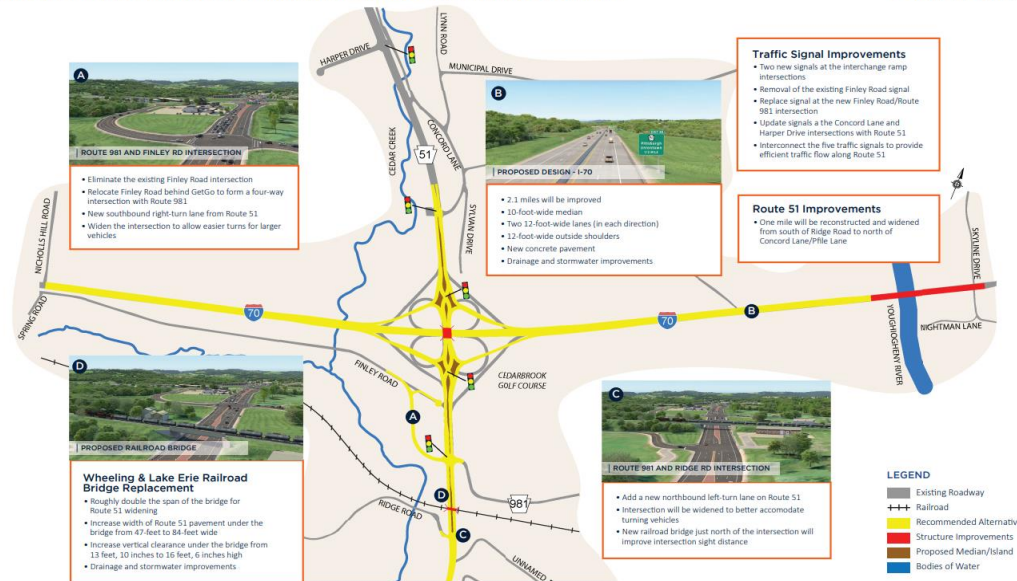


Continuous T Intersection "Florida T"



PA 31 @ PA Turnpike - Donegal

PROJECT OVERVIEW MAP: I-70 MAINLINE AND ROUTE 51 IMPROVEMENTS



# ISO 9001:2015 PROJECT DELIVERY

## VISION

A better quality of life built on transportation excellence.

## MISSION

To provide a sustainable transportation system and quality services that are embraced by our communities and add value to our customers.



## CERTIFICATE OF REGISTRATION



Having been audited in accordance with requirements of

**ISO 9001:2015 – ASQ/ANSI/ISO 9001:2015**

SRI Quality System Registrar, 300 Northpointe Circle, Seven Fields, Pennsylvania, 16046, USA, hereby grants to:

**Pennsylvania Department of Transportation**

Registration of the management system at its location:

**Engineering District 12-0  
825 North Gallatin Avenue Ext.  
Uniontown, Pennsylvania, 15401, USA**

The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4. Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

**Scope of ISO 9001:2015 registration:** "Project delivery system for PennDOT District 12 includes Design, Construction, and Maintenance to ensure high-quality, accurate, and timely delivery of safe highway and bridge projects."

**Initial SRI Registration date:** July 9, 2009

**Current registration period:** July 8, 2021 through July 7, 2024

Signed for SRI:

  
Christopher H. Lake, President & COO

Release Date: July 8, 2021  
Certificate Number: 021526  
Registration Number: 3894-01



# ISO 9001 REGISTRATION FOR PROJECT DELIVERY

Certified Since 2006  
Internal Auditors  
Semi-Annual Surveillance Audits  
Recertification audits every 3 years  
Minimal findings



## CERTIFICATE OF REGISTRATION



Having been audited in accordance with requirements of

**ISO 9001:2015 – ASQ/ANSI/ISO 9001:2015**

SRI Quality System Registrar, 300 Northpointe Circle, Seven Fields, Pennsylvania, 15046, USA, hereby grants to:

**Pennsylvania Department of Transportation**

Registration of the management system at its location:

Engineering District 12-3  
825 North Gallatin Avenue Ext.  
Uniontown, Pennsylvania, 15401, USA.

The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4. Further clarifications regarding the scope of the certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.

**Scope of ISO 9001:2015 registration:** "Project delivery system for PennDOT District 12 includes Design, Construction, and Maintenance to ensure high-quality, accurate, and timely delivery of safe highway and bridge projects."

Initial SRI Registration date: July 9, 2009

Current registration period: July 8, 2021 through July 7, 2024

Signed for SRI:   
Christopher H. Lewis, President & COO

Release Date: July 8, 2021  
Certificate Number: 021306  
Registration Number: 3894-01



# WORKFORCE DEVELOPMENT

Winter Construction  
Conference

Diversity, Equity, and  
Inclusion Committee

CE Trainee program

Engineering Scientific and  
Technical Interns



# FOCUS ON SAFETY

- Department workforce
- Contractor and Consultant Employees
  - AWZSE program
- Building safety into our projects
  - Safety review committee



**Automated Work Zone Speed Enforcement (AWZSE)**  
Improving the safety of workers and the motoring public within work zones needs to be a focus as we work toward the goal of **zero** fatalities on Pennsylvania roadways!





# HYBRID WORK ENVIRONMENT

- Employees eligible to telework (non-field-based employees) telework Monday and Friday
- Reaches a balance of continuing in-person work for meetings, relationship building, creativity, and developing newer employees
- Telework days for meetings that are more effective virtually
- Has increased communications among staff
- Incentive for recruitment and retention



*I learned the value of hard work by working hard.*



# COUNTY MAINTENANCE OVERCOMING CONSTRAINTS

- Challenging to recruit and retain workforce
  - Winter Maintenance able to keep roads passable and safe
  - Keeping fleet running with only about 40% of mechanic positions vacant
  - Aging fleet with many core pieces of equipment over 14 years of age
- Performing core maintenance activities with flat revenue for over 15 years
  - Salary increases absolutely necessary to remain competitive but make it difficult to have adequate operation budget
  - Personnel cost consumes 64% of County budgets, and projected to rise
  - Last year alone salt prices rose 14 – 18% in D12, costing over \$1 Million extra
  - Diesel Fuel, truck parts, aggregates emulsion have all risen dramatically
  - Only 0.05% of Interstate pavements are poor, 57% good
  - NHS non-Interstate 0.9% poor, 45.3% good
  - Low volume roads suffer due to revenue shortfalls – BPN 4 is 46.6% poor



# CLOSEOUTS

## Central Office Goals:

- All projects must be finalized within 12 months of the Physical Work Complete Date

## District 12 Goals:

- All projects are finalized within 6 months of the Physical Work Complete Date.

## What is working To Achieve Goals:

Interim Audits by Finals unit staff in the Field as work progresses. Minimal auditing needs to be completed when records are received. Enhances closeout timeframe.

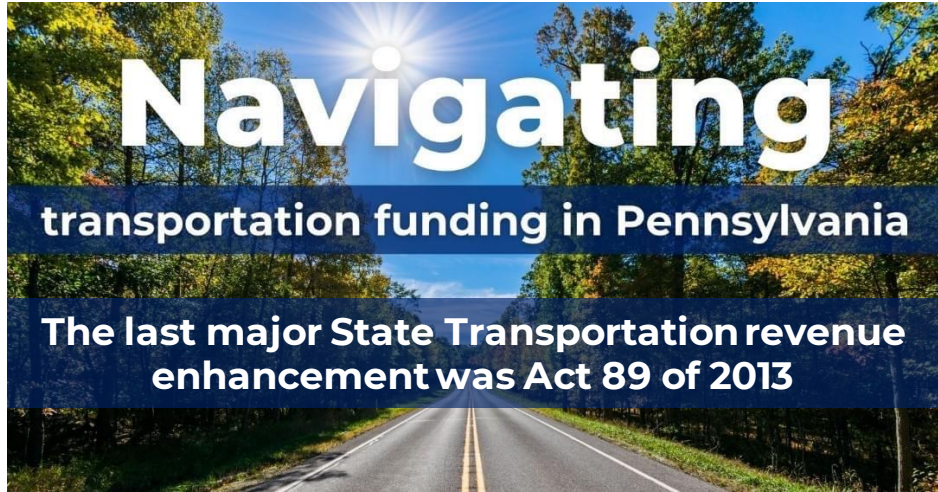
- Material Certification System in ECMS is being utilized to withhold payments. Contractors are more responsive, and it eliminates the manual “other” adjustments to withhold payments (D12 policy).
- IIC Closeout Responsibility Checklist
- Receiving Records from the field within 3 months of the PWC with all IIC Closeout Responsibility Completed.
- Finals Unit Closeout Tracking Spreadsheets
- Finals Unit Consultant Agreement Crystal Report to track open Agreements against phase 7/8 funding.

## Improvements:

- Contractor providing all necessary paperwork.
  - Project ACE/IIC monitoring missing paperwork and implementing a recovery plan for any project not on target to meet the deadline. ACEs will notify delinquent contractors via letters. This process is new and forthcoming.
- Contractor submitted DBE Final Payments prior to records being turned into the Finals unit
- Receiving Notification of Termination
- Finals Unit Receiving Records with all IIC responsibilities completed along with no execute rule errors.
- AUC Resolution, Closure of Open Design Consultant Agreements, and WBS Closures in a timelier manner by all responsible team members.

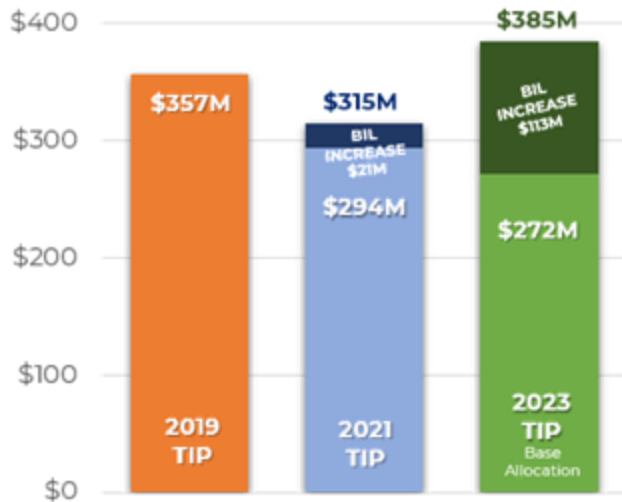
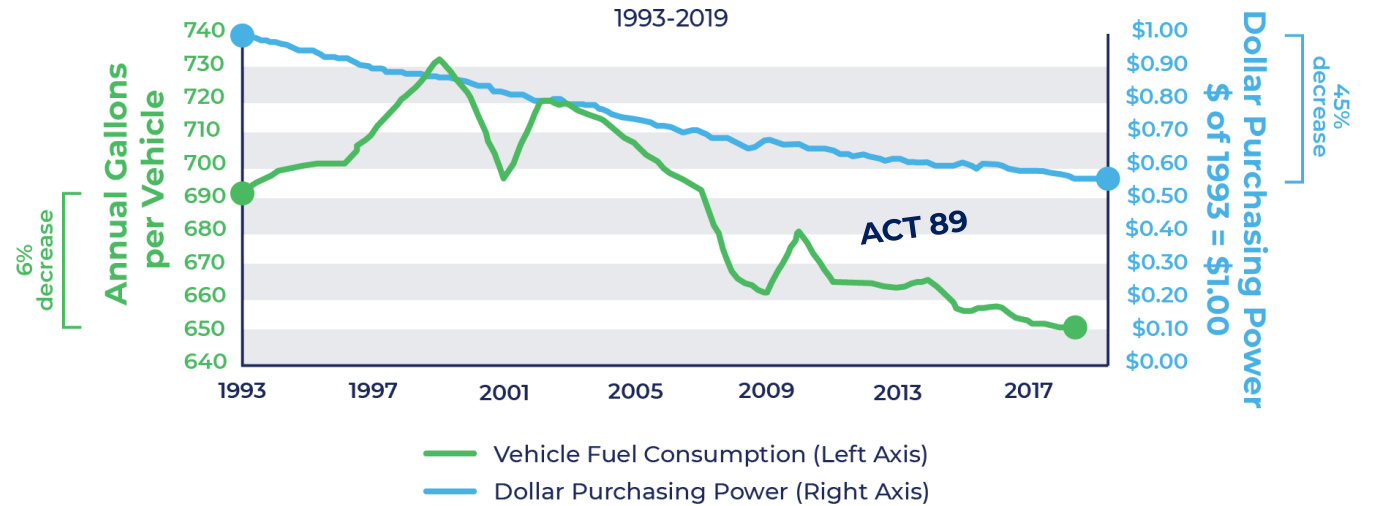


# TRANSPORTATION FUNDING



**Funding Transportation has always been lacking when compared to Transportation needs**

**Declining Purchasing Power of One Dollar and Motor Vehicle Fuel Consumption**  
 1993-2019



**Inflationary impacts since Act 89 to the gas tax means that PennDOT has the same buying power for Highways and Bridges this Fiscal Year of 2022-23 that it did prior to Act 89**



# COMPETITIVE FUNDING

**\$76 Billion**

## Discretionary Programs\*

Safe Streets and Roads for All

Bridge Investment Program

PROTECT

Reducing Wildlife-Vehicle Collisions

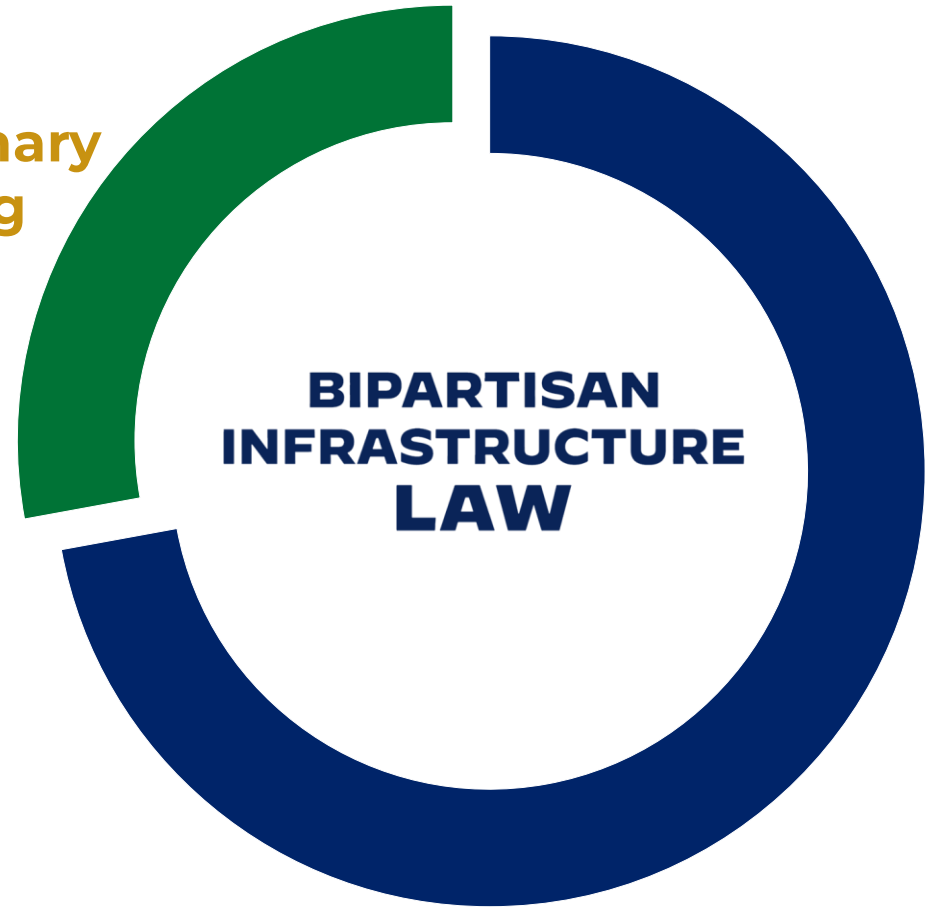
INFRA

RAISE

Reconnecting Communities

Electric Vehicle Charging

28%  
discretionary  
funding



72%  
formula  
funding

\* Additional discretionary programs can be found on the FHWA website



# LOOKING AHEAD- TIP PROJECTS

## BIPARTISAN INFRASTRUCTURE LAW



## New and increased investment

### 8 Pavement Preservations

53 Miles @ \$54 million

### 12 local bridges

\$30+ Million

### Bridge Preservation

Additional yearly contracts  
increasing by 2025

### Slide Repairs

Yearly contracts increasing to  
\$8 million by 2025

### Pavement Preservation Program is BACK!

New CMAQ Projects

Large Corridor Studies

Interstate Reconstruction

Additional Local and State Bridge Improvements

## Aligned cash-flow with anticipated need



# COMMUNITY PROJECT FUNDING

The President signed the FY 2023 omnibus appropriations bill on Thursday, Dec. 29.



“Earmarks” are officially back for the federal Fiscal Year 2023 appropriations process! This provides federal lawmakers the ability to demonstrate priorities at home and their fight for constituents' interests.

## “Congressional Directed Spending” District 12 Highway and Bridge Infrastructure Projects

Fayette County	PA 711 Crawford Avenue Bridge	\$7,000,000
Greene County	Waynesburg Betterment	\$7,000,000
Westmoreland	I-70 Rostraver Twp Pedestrian Bridge	\$1,800,000
Corridor Based	PA 21 Needs Study	\$2,500,000

**\$18.3 MILLION!**  
additional funding to the region

**37% of PA funding!**  
**(\$53,150,000)**

The District submitted four projects to Congressman Guy Reschenthaler for his consideration ...

He sponsored all four projects!



\*Earmarks are now referred to as “Community Funded Projects” in the House of Representatives” or “Congressionally Directed Spending” in the Senate and require a 20% state match



# GREENE COUNTY MAINTENANCE



**May 28, 2019:**

A massive fire breaks out in our Greene County Maintenance Office resulting in complete loss of the building and contents





# PENNSTART

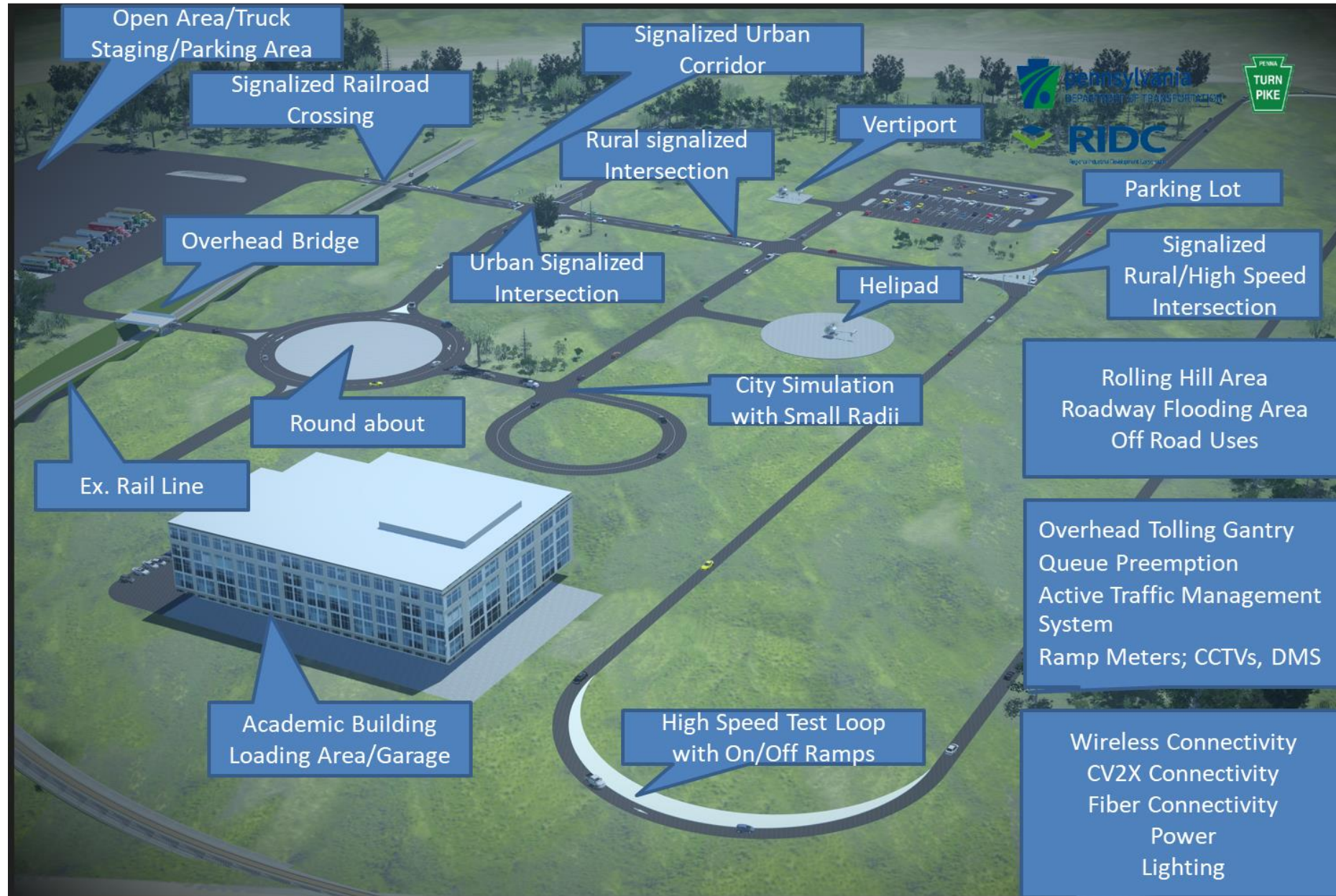


**RIDC Westmoreland Innovation Center**

- PennDOT, PA Turnpike and RIDC partnering to develop the transportation technologies test track at RIDC Westmoreland
- Uses & Customers:
  - **Private Sector-** Autonomous vehicle and drone technology testing, systems vendors, manufacturers, suppliers
  - **University research-** New and emerging transit technology integration (smart signals, electrification, etc.)
    - CMU research partnership
  - **Public Sector-** Public safety training and traffic incident management facility
- Next steps:
  - Track design with industry feedback
  - Operating Committee & Subcommittees
  - Operations model
  - Convening regional partners



# CONCEPTUAL DESIGN



# PENNSTART PROPOSED TIMELINE

	Q4 '22	Q1 '23	Q2 '23	Q3 '23	Q4 '23	Q1 '24	Q2 '24	Q3 '24	Q4 '24	Q1 '25	Q2 '25	Q3 '25	Q4 '25
<b>Phase 0 - Existing Parking Lots, Class Rooms</b>													
<b>Phase I - Open Area</b>													
<b>Phase 2 - High Speed Oval</b>													
Planning													
Design													
Construction													
Operations & Maintenance													
<b>Phase 3 - Inside Track &amp; West Track Expansion</b>													
Planning													
Design													
Construction													
Operations & Maintenance													



# PATHWAYS TO PENNDOT



## Paths to PennDOT WORKSHOPS 2023

Visit the link below for more details  
[Paths to PennDOT Workshops 2023](#)



PennDOT understands the vital role that DBEs play in our national economy and is ready and here to assist your business in securing future contracting opportunities with us. We invite DBE firms, primes, contractors and industry leaders to a free workshop, themed "Paths to PennDOT."

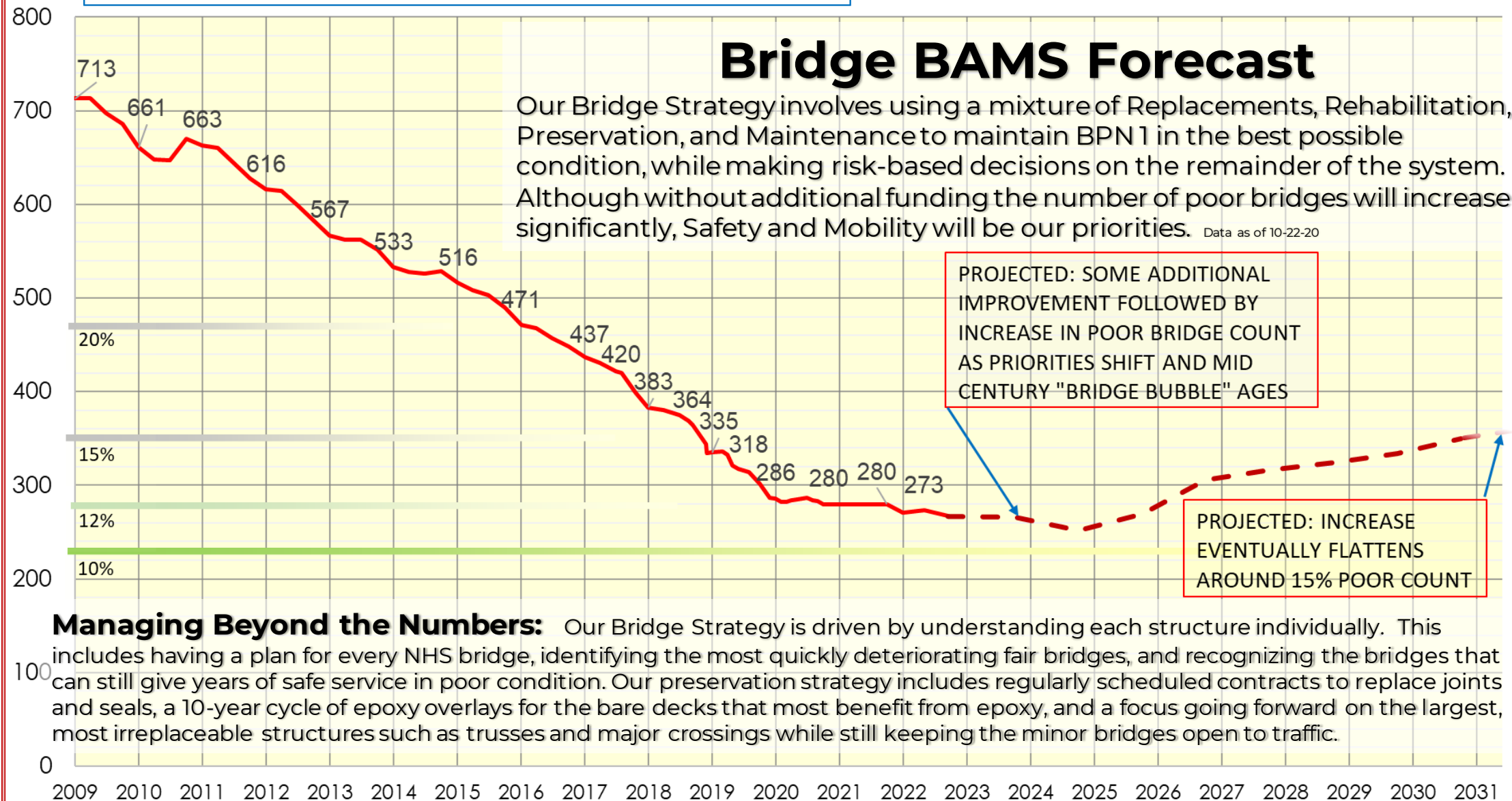
The Paths to PennDOT workshops will connect you with influential leaders in the highway construction industry.

Experts will be on hand to provide information relating to business opportunities, prequalification, Mentor Protégé Program, DBE Program participation, and more.



# BRIDGE STRATEGY

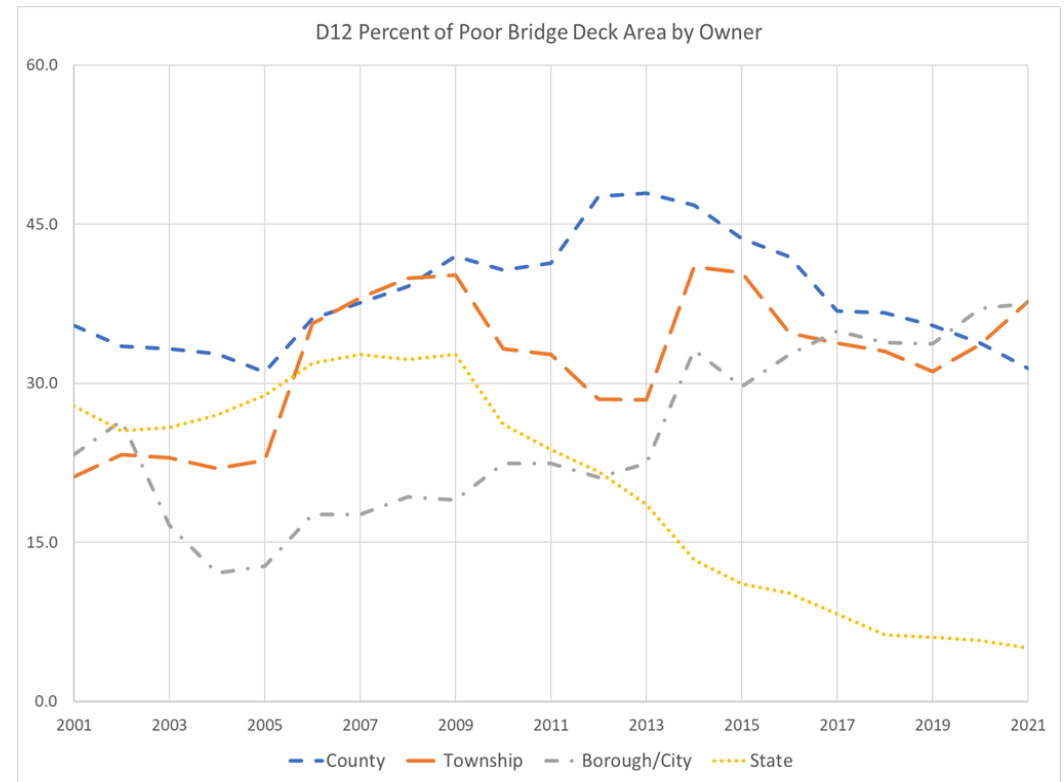
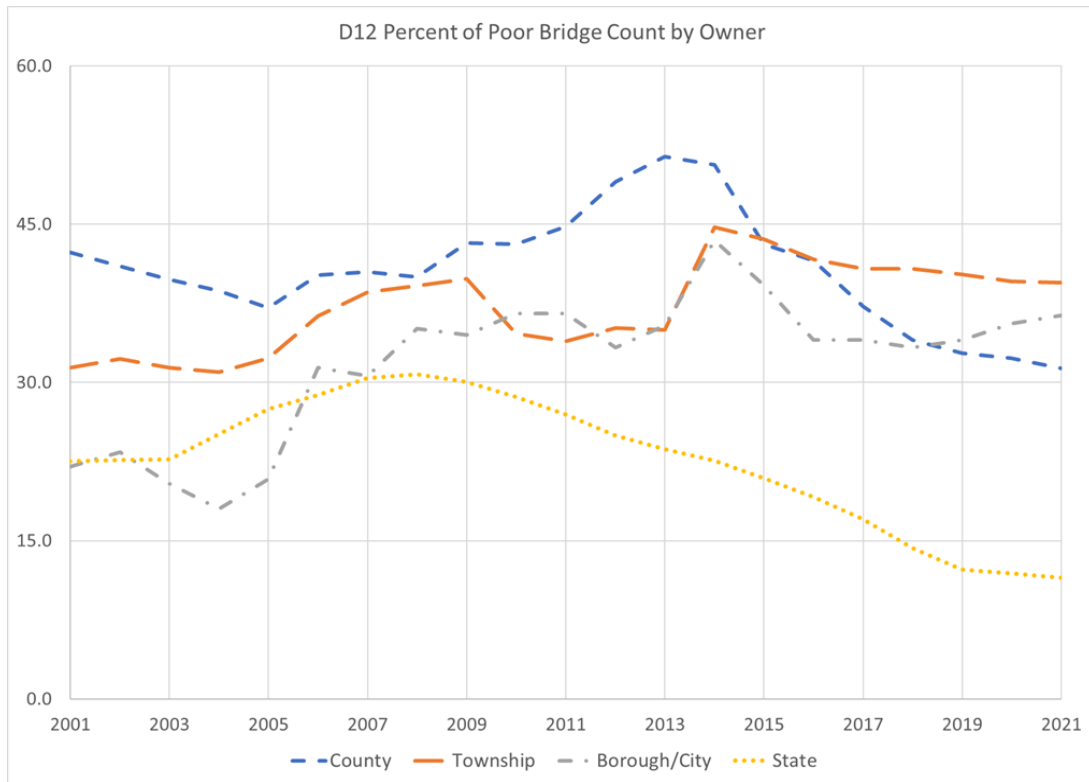
DISTRICT 12 NUMBER OF BRIDGES IN POOR CONDITION OVER TIME



**Managing Beyond the Numbers:** Our Bridge Strategy is driven by understanding each structure individually. This includes having a plan for every NHS bridge, identifying the most quickly deteriorating fair bridges, and recognizing the bridges that can still give years of safe service in poor condition. Our preservation strategy includes regularly scheduled contracts to replace joints and seals, a 10-year cycle of epoxy overlays for the bare decks that most benefit from epoxy, and a focus going forward on the largest, most irreplaceable structures such as trusses and major crossings while still keeping the minor bridges open to traffic.



# BRIDGE STRATEGY - LOCAL BRIDGE APPROACH



**13 New Local Bridge Projects**  
**9 Carryover Local Bridge Projects**  
**Over \$35 million invested**

**FFY 2023 TIP**

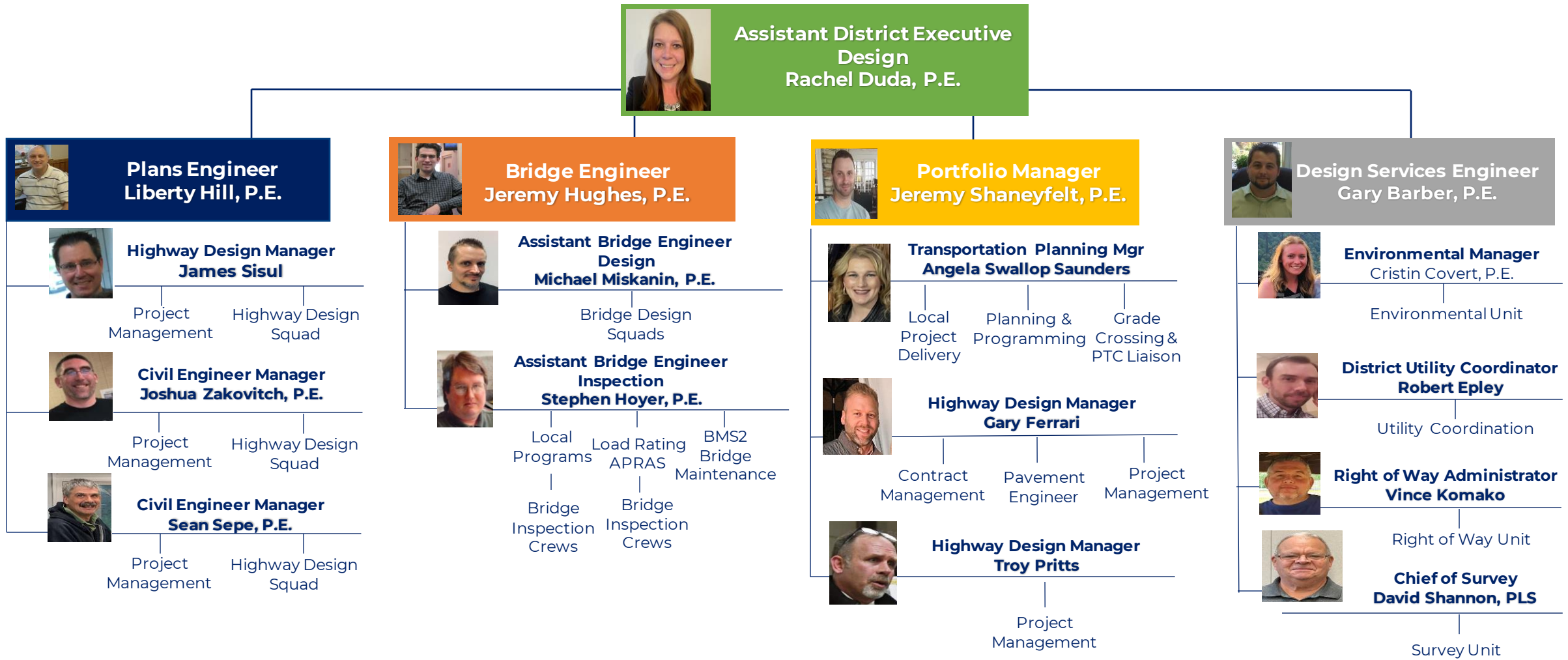
**Municipal owned Bridge Preservation**  
**Over \$2,500,000 being invested**



# DESIGN UNIT

RACHEL D. DUDA, P.E.

# DESIGN UNIT





# DIGITAL DELIVERY DIRECTIVE 2025

## Digital Delivery Directive 2025 ROADMAP



### Our Vision

By 2025, construction projects will be bid using 3D technology and no longer be in a traditional construction plan format

### Our Mission

To support the digital transformation of project development within PennDOT developing modeling requirements, processes, and workforce development to enable improved asset information transfer by using 3D data-rich information models

### Goals

Implement 3D Technology

Advance the Use of Accessible Digital Processes and Tools

Capture Data-Rich Asset Models

### Keys to Success

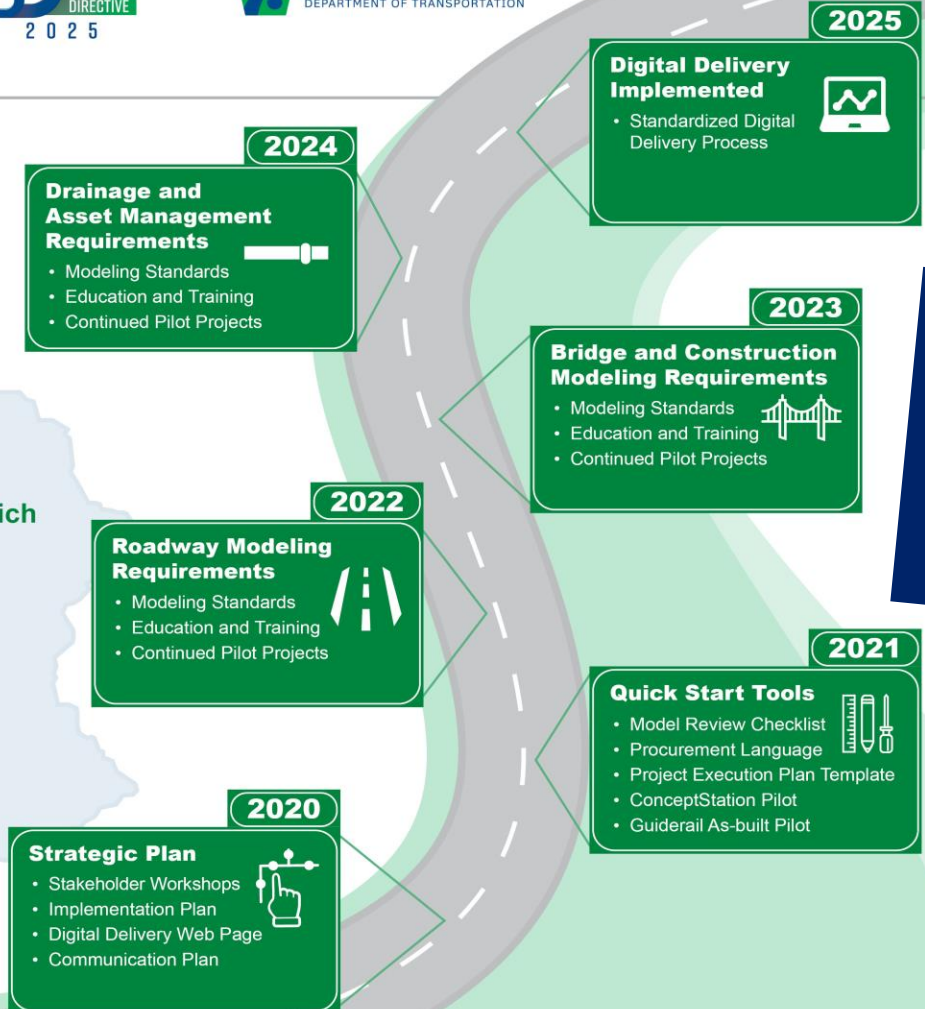
- Manage Pace of Change
- Help People Perceive Progress
- Create Safe Space for Experimentation
- Empower Pilot Project Teams
- Use Construction Partnering

### Strategic Approach

- Assess Stakeholder Needs, Desires and Priorities
- Align Technical Solutions with Stakeholder Input
- Advance Technical Solutions Incrementally

Email: [RA-PDDIGITALDELIVERY@pa.gov](mailto:RA-PDDIGITALDELIVERY@pa.gov)

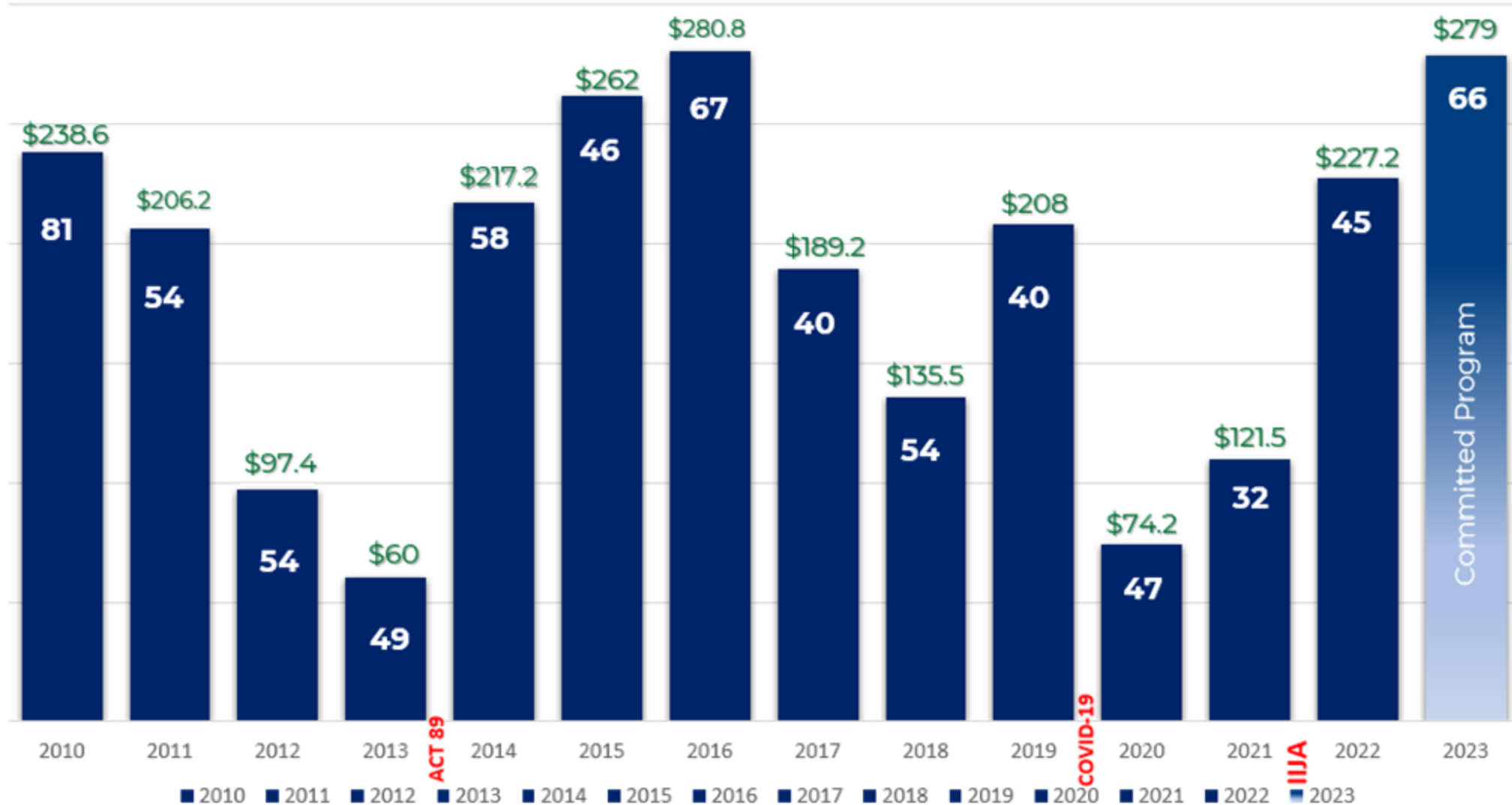
Webpage: <https://www.pennidot.gov/ProjectAndPrograms/3D2025/Pages/default.aspx>



“The Digital Delivery Directive 2025 will transform all of our operations and remain at the forefront of technology and innovation.”  
-Melissa J. Batula, P.E



# DISTRICT 12 LETTING HISTORY

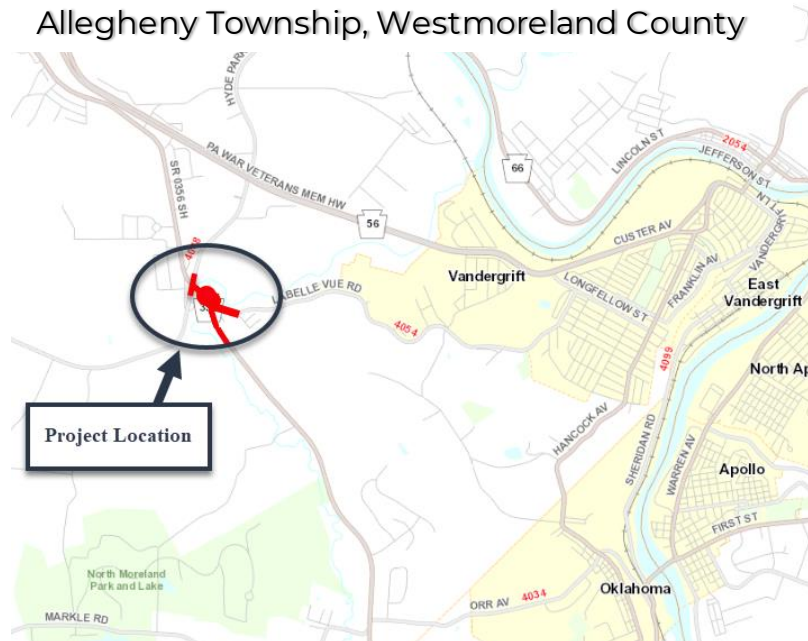


# 2023 LETTINGS SIGNIFICANT PROJECTS

# PA 356 OVER PINE RUN

The **existing structure will be replaced** with a precast rigid frame culvert.

The intersection improvement portion of the project will involve reworking the intersection of LaBelle Vue Road and PA 356 by placement of a **roundabout** at the current intersection.



County  
Westmoreland



Construction Estimate  
\$5M- \$7M



Let Date  
February 16, 2023



Estimated Completion  
Fall 2024



Construction will be  
done utilizing a long-  
term detour



# PA 711 CRAWFORD AVENUE BRIDGE



County  
Fayette



Construction Estimate  
\$5 Million - \$10 Million



Let Date  
April 2023



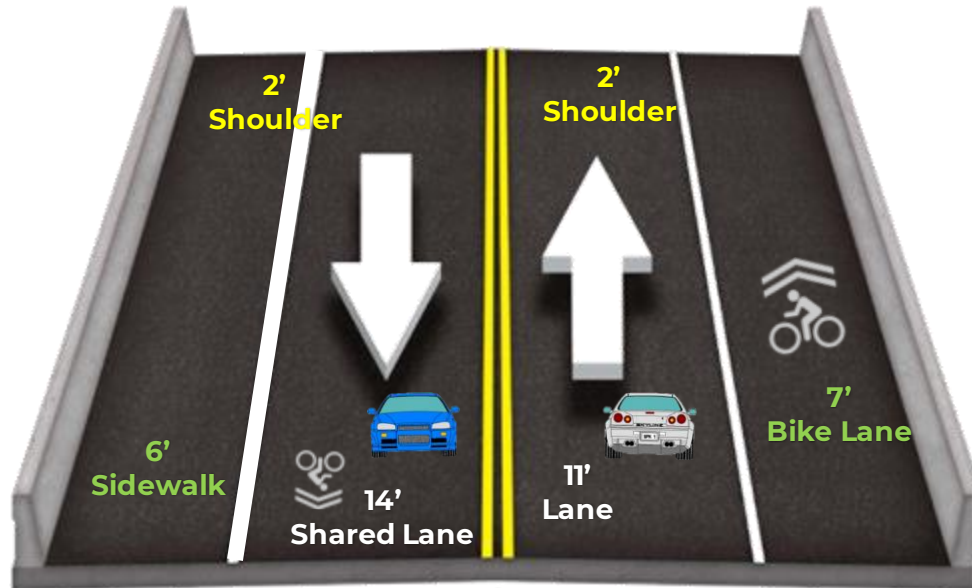
Estimated Completion  
Late 2024

## Super Structure Replacement

- Six-span consisting of continuous composite steel plate girders

## Roadway

- Full Depth pavement reconstruction of the approach roadway
- Milling and asphalt overlay for PA 711 transition
- Full depth pavement construction for the relocation of Dean Street (local) with intersecting side street adjustments on SR 1037 (Water Street).



**PA 711 will be detoured  
1.8 miles for  
approximately  
20 Weeks during  
construction**

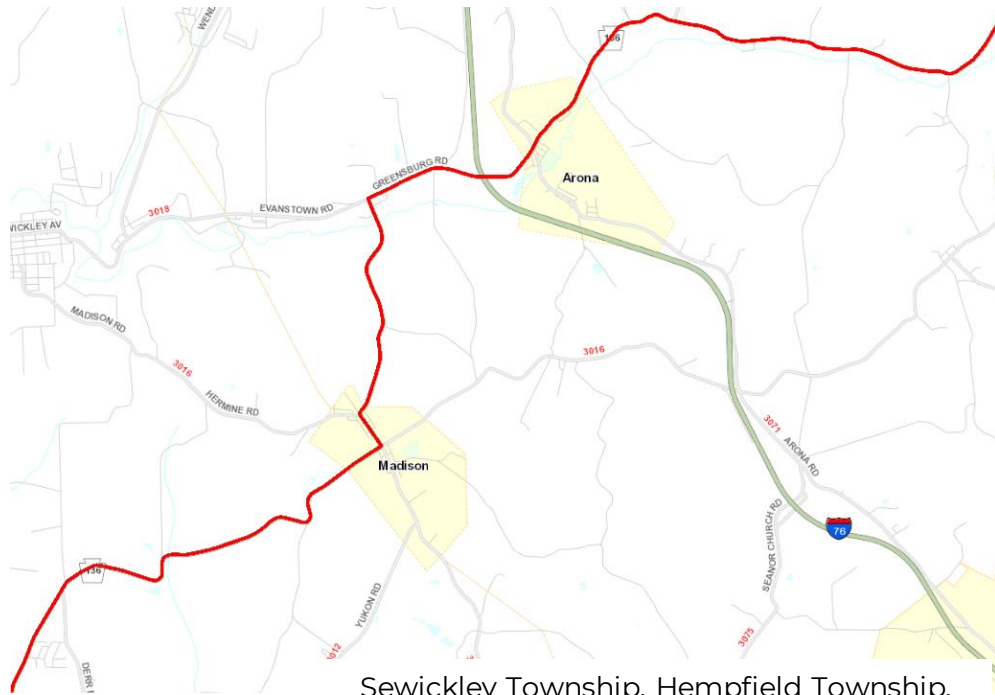
PA 711 over  
Youghiogheny River

City of Connellsville  
Fayette County



# PA 136 PAVEMENT PRESERVATION

This project is for the resurfacing of PA 136 (Herminie West Newton Road to Mohawk Drive) for a total length of 8.2 miles. The project includes resurfacing, guiderail upgrades, sign replacement, tree trimming, and minor drainage improvements.



Sewickley Township, Hempfield Township, Madison Borough and Arona Borough



**County**  
Westmoreland



**Construction Estimate**  
\$7M-\$9M Million



**Let Date**  
March 2, 2023

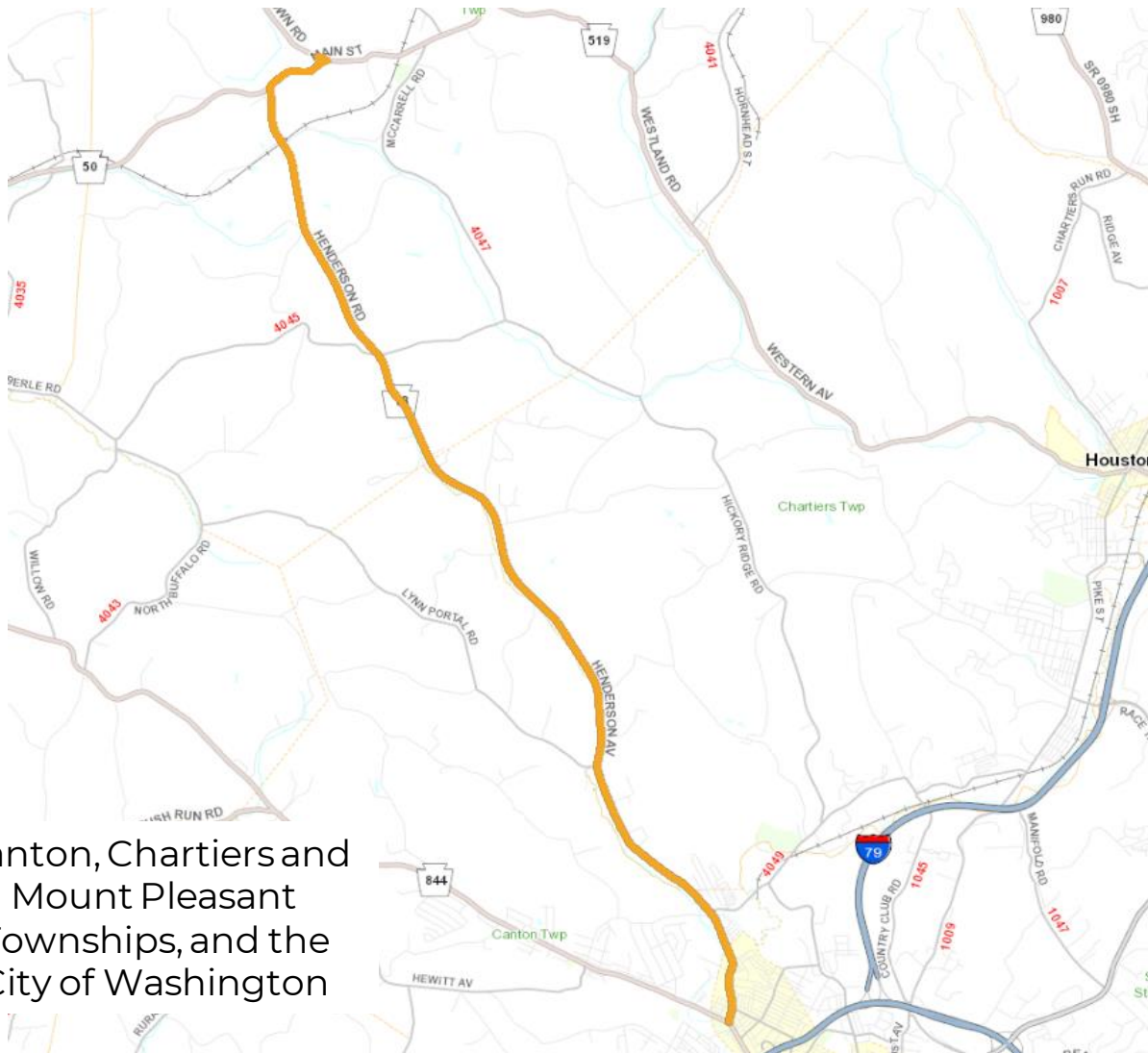


**Estimated Completion**  
2023



# PA 18: PA 844 TO PA 50

This project is the pavement preservation and resurfacing of 9.11 miles of PA 18 from PA 844 to PA 50



Canton, Chartiers and Mount Pleasant Townships, and the City of Washington

The project includes resurfacing, guiderail upgrades, sign replacement, tree trimming, and minor drainage improvements.



**County  
Washington**



**Construction Estimate  
\$6M - \$8M**



**Let Date  
March 2, 2023**

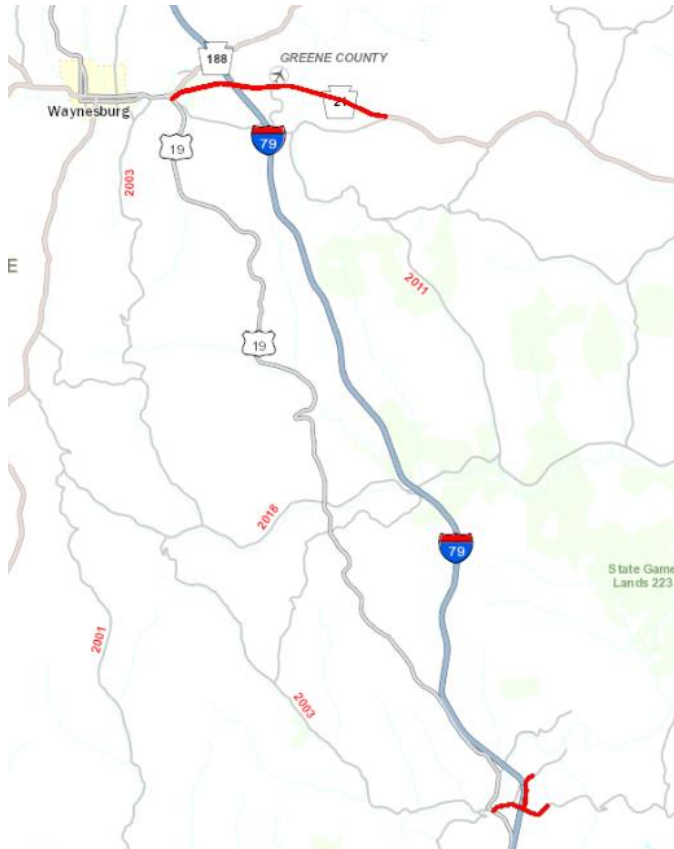


**Estimated Completion  
2024**



# PA 21 EAST OF WAYNESBURG

This project is for various roadway improvements on PA 21 (Roy E. Furman Highway) from East of Waynesburg to the Masontown Bridge and SR 2002 (Bald Hill Road)/2009 (Locust Avenue) in the area of I-79 Mt. Morris interchange



PA 21 work will consist of pavement preservation activities such as mill/fill, concrete patching, guiderail and signage and pavement marking updates. As well as the installation of a Red Signal Ahead in both directions with PA 21/Elm Drive.

SR 2002 (Bald Hill Road)/2009 (Locust Avenue) work will include milling and filling with possible additional work.



**County  
Greene**



**Construction Estimate  
\$4M-\$5m**



**Let Date  
June 8, 2023**



**Estimated Completion  
2024**

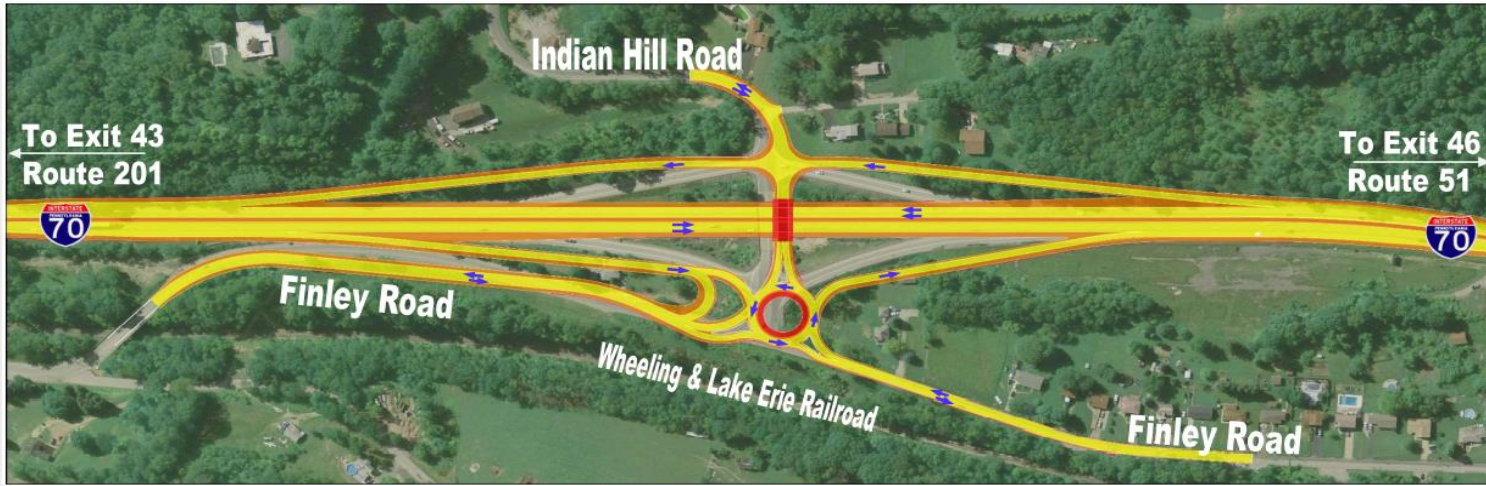


**Sections of work will be  
completed under detour**





# I-70 ARNOLD CITY INTERCHANGE



**County**  
Westmoreland



**Construction Estimate**  
\$50 Million - \$75 Million

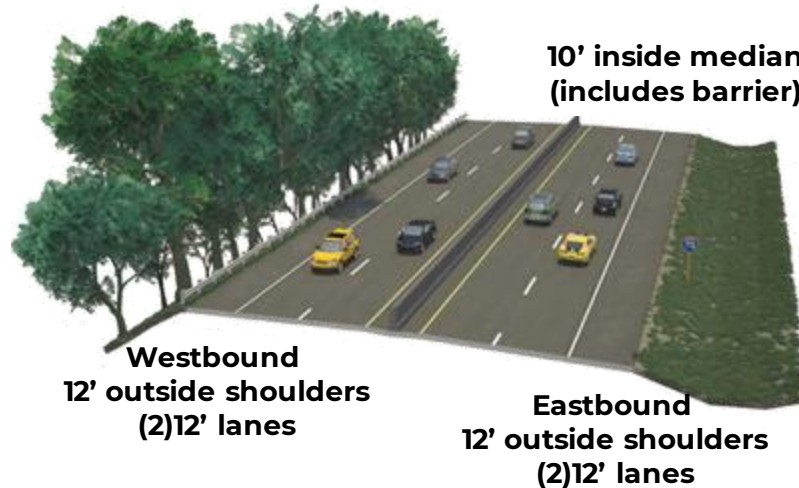


**Let Date**  
June 2023



**Estimated Completion**  
2026

## Updated I-70 Typical Section



### I-70

- Full depth reconstruction of 1.75 miles
- Widening lanes and median
- Drainage and Stormwater
- Shifted 4 feet to the north

### Structure Replacements:

- SR 3011 over I-70
- SR 3017 over I-70

### Interchange Details

- Diamond Configuration
- 5 leg roundabout will connect Eastbound ramps
- Standard Diamond Ramps for Westbound Ramps

### Project Status

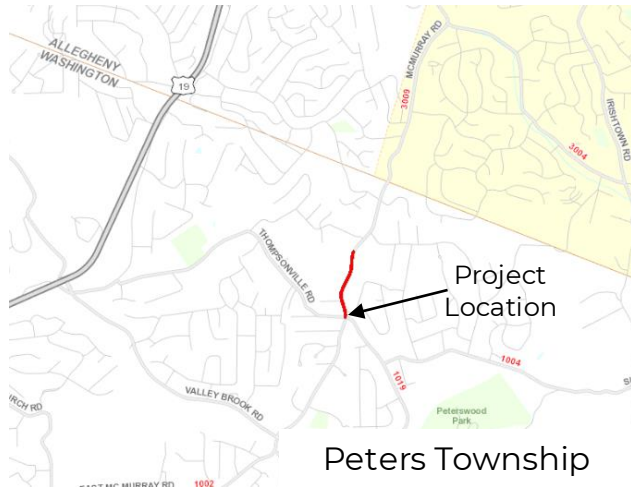
- Progressing through Final Design
- Interchange will be renamed



# BEBOUT/ EAST MCMURRAY INTERSECTION

This project includes widening of SR 1002 (East McMurray Road) to include northbound and southbound left-turn lanes with a minor alignment shift and widening of SR 1019 (Bebout Road) to include a westbound right-turn lane.

Additionally, ADA compliant crosswalks will be provided across all legs of the proposed intersection and local road Bittersweet Circle will be slightly realigned to the east. The purpose of the project is to improve mobility and identified congestion at the intersection.



**County  
Washington**



**Construction Estimate  
\$3M-\$4M**



**Let Date  
October 26, 2023**



**Estimated Completion  
2024**



**Construction will be  
partially done  
utilizing a detour**



# SALINA BRIDGE

This project is offline replacement of the structure (Salina Bridge) carrying PA 1060 (Bridge Street) over the Kiskiminetas River and Norfolk Southern Railroad



Bell Township



**County**  
Westmoreland



**Construction Estimate**  
\$30M-\$35M



**Let Date**  
November 2, 2023



**Estimated Completion**  
2025

Most of construction will be done while using the existing structure is still in use

Short detours will be in place while constructing the tie ins to the new structure



# CAST IRON BRIDGE

The project consists of the complete structural rehabilitation and repair of the historic Dunlap Creek Bridge carrying State Route (SR) 4003 (Market Street) over Dunlap Creek



Brownsville Borough



Planned Structure



Existing Structure



The existing bridge, which is listed on the National Register of Historic Places (National Register) in addition to being a National Historic Civil Engineering Landmark, was constructed by the United States Army Corps of Engineers in 1839 as the **first cast iron metal arch bridge in the United States.**



County  
Fayette



Construction Estimate  
\$7.5M-\$9M



Let Date  
December 14, 2023



Estimated Completion  
2025



Construction will be  
done under a detour



# UPCOMING PROJECTS

# US 30 CORRIDOR IMPROVEMENTS

This project will consist of the reconstruction of the PA 48 and US 30 intersection utilizing an innovative R-CUT intersection.



County  
Westmoreland



Construction Estimate  
\$40m-\$45m



Let Date  
Late 2025



Estimated Completion  
2027

## Safety Improvements

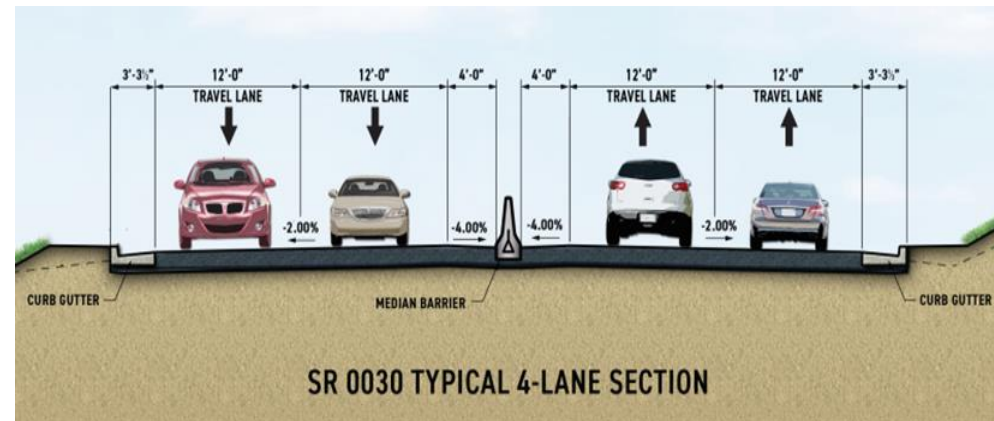
- upgraded signing
- pavement marking
- delineation
- realignment and widening
- addition of auxiliary lanes at the intersections

## Roadway Improvements

- A jersey barrier between West and East bound lane to minimize left turns within the project limits. Left turns will only be able to be made at the signalized intersections which some intersections include jug-handles to allow for traffic to turn around

## Project Status

- Progressing through Preliminary Engineering



# US 119 MCCLURE & KINGVIEW ROAD INTERCHANGE

This project will reconstruct US 119 from the approach to Kingview Road to the Westmoreland County line. The Kingview and McClure Road Intersections will be eliminated by constructing a new bridge to be known as Connector Road over US 119 that will connect Mount Pleasant Road to Kendi Road.

- Kendi Road will be reconstructed and extended on the Western side of US 119 and utilized as an interconnecting road to the eliminated intersections.
  - Kendi Road will remain a locally owned and maintained road
- Mount Pleasant Road on the Eastern side of US 119 will be resurfaced and will adjoin with the new Connector Road via a 3 leg Roundabout.
- The intersection of Mount Pleasant Road and Prittstown road will be upgraded to improve sight distance.
- Crossroads Road will be rehabilitated and will be converted to a one way right in from US 119N.
- There will be on and off ramps at the interchange of US 119N and Connector Road.
- McClure Road will be a right in right out on both sides of US 119.



**County  
Fayette**



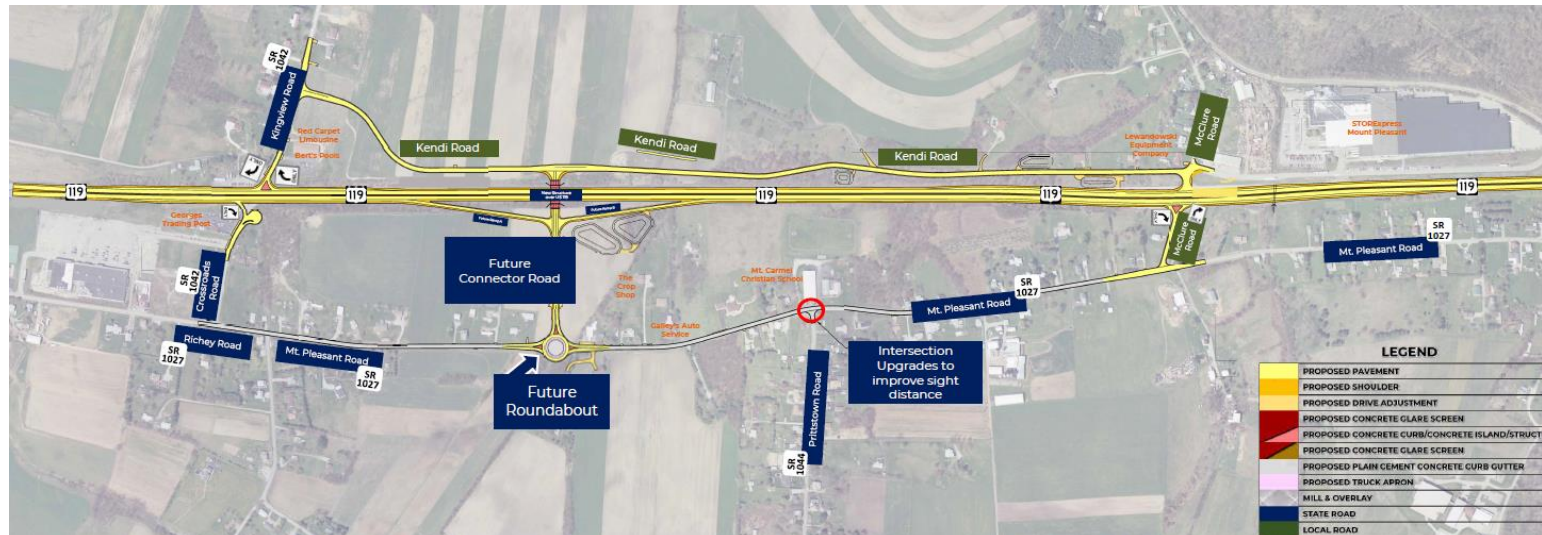
**Construction Estimate  
\$35m-\$40m**



**Let Date  
Late 2024**



**Estimated Completion  
2026**



# US 119 MCCLURE & KINGVIEW ROAD INTERCHANGE





# LAYTON BRIDGE

Replacement will include the Layton Bridge over the Youghiogheny River and the nearby single lane bridge carrying SR 4038 over Washington Run. There will also be associated roadway connecting these structures.

- **Project is currently in Preliminary Engineering completing the Section 106 Process**
- **Several preservation projects have been completed (\$2.5m+) since PE started began in 2015**



**County  
Fayette**



**Construction Estimate  
\$30-40million**



**Let Date  
2025**



**Estimated Completion  
TBD**



# I-70: BELLE VERNON TO BENTLEYVILLE

## I-70

- Full depth reconstruction of 7.3 miles
- Widening lanes and median
- Drainage and Stormwater
- ITS/Fiber Optic Upgrades

## Structure Improvements:

- SR 2037 over I-70- "Lover Bridge"
- Maple Creek Bridge #7 (local)- Replacement

## Interchange Details

- Alternative Analysis recommended full Diamond Interchange at Lover
- Low-cost safety improvements at Charleroi Exit (#40)

## Project Status

- Progressing through Preliminary Engineering

## Proposed Full Diamond Interchange at Lover



**Construction  
Estimate \$150M+**



# CONSTRUCTION UNIT

WILLIAM L. BEAUMARIAGE, P.E.

# CONSTRUCTION UNIT



William L. Beaumariage, P.E.  
Assistant District Executive- Construction



Support Services  
Adam J. Smith, P.E.



Assistant  
Construction  
Engineer  
E. Scott Faieta,  
P.E.



Assistant  
Construction  
Engineer  
Dominec  
Caruso, P.E.



Assistant  
Construction  
Engineer Da  
rin Glitz, P.E.



Assistant  
Construction  
Engineer M  
ark Kmetz, P.E.



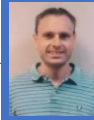
Structure  
Control  
Engineer Ken  
Shimko, P.E.



Assistant Structure  
Control Engineer  
Camden E. Duvall



Materials  
Russell Duda, MM2



Geotech  
Roy Painter, P.E.



Finals Unit  
Mandy Fike



Local Services  
Nadra Davis, P.E.



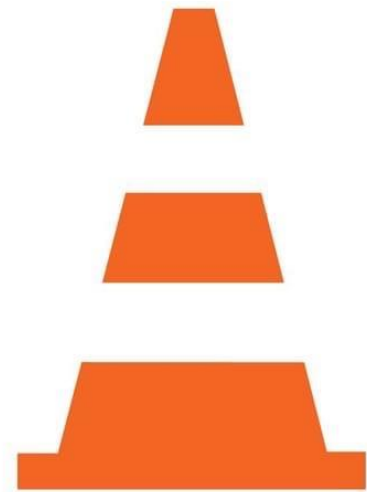
Clerical Staff  
Jordan Kenneally,  
Clerical Assistant 3



# DON'T

# ZONE OUT.

STAY ALERT IN WORK ZONES.



#DontDriveDistracted



pennsylvania  
DEPARTMENT OF TRANSPORTATION



# CONSTRUCTION PROGRAM 2022 RECAP

67  
Active Projects

\$158 Million  
Contractor  
Payments

\$9.3 Million  
Consultant  
Payments

36  
Department  
Inspectors

12  
Department  
Managers

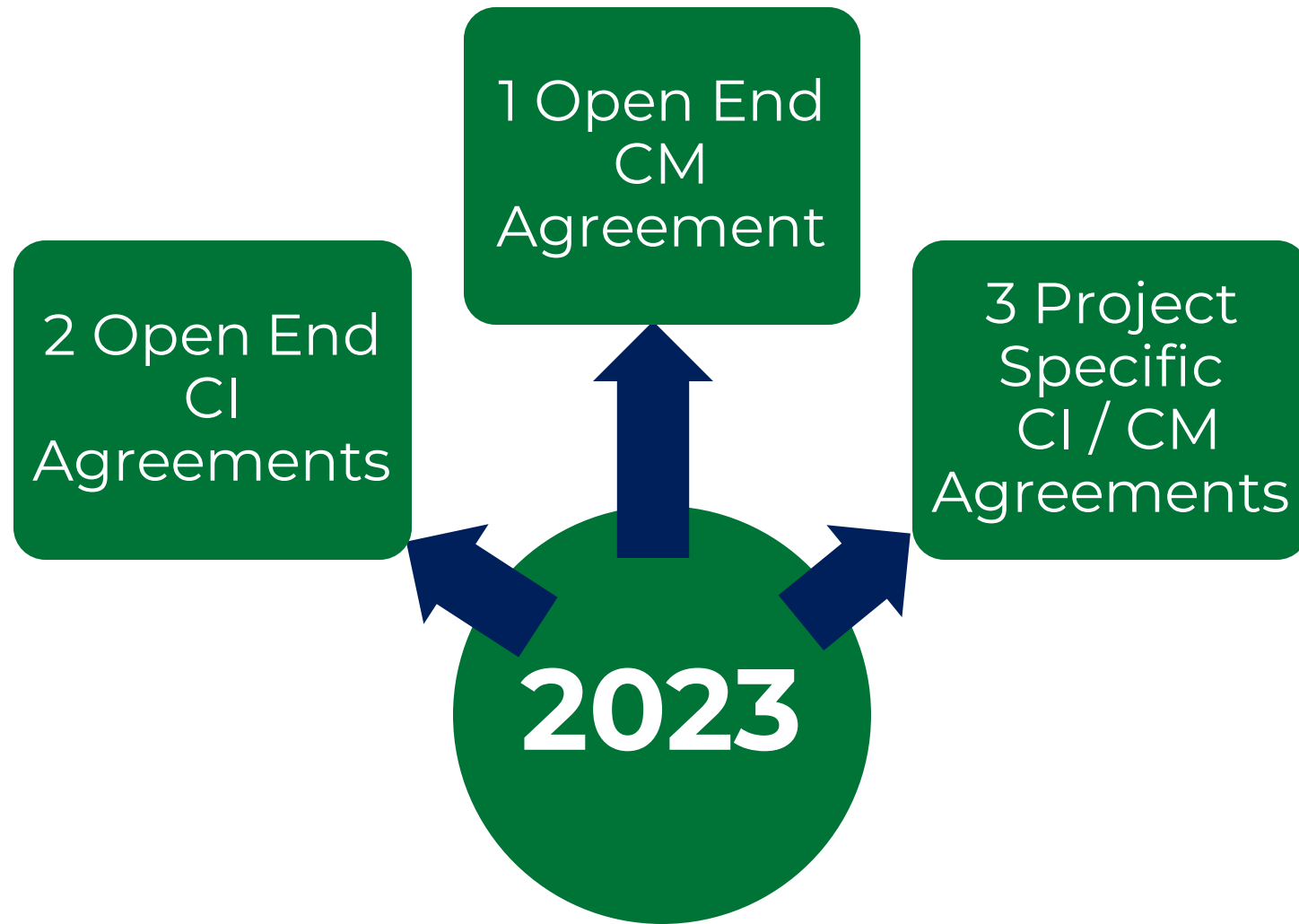
24  
Support  
Services Staff

121  
Consultant  
inspectors

9  
Consultant  
CM Staff



# LOOKING TOWARDS 2023 SEASON



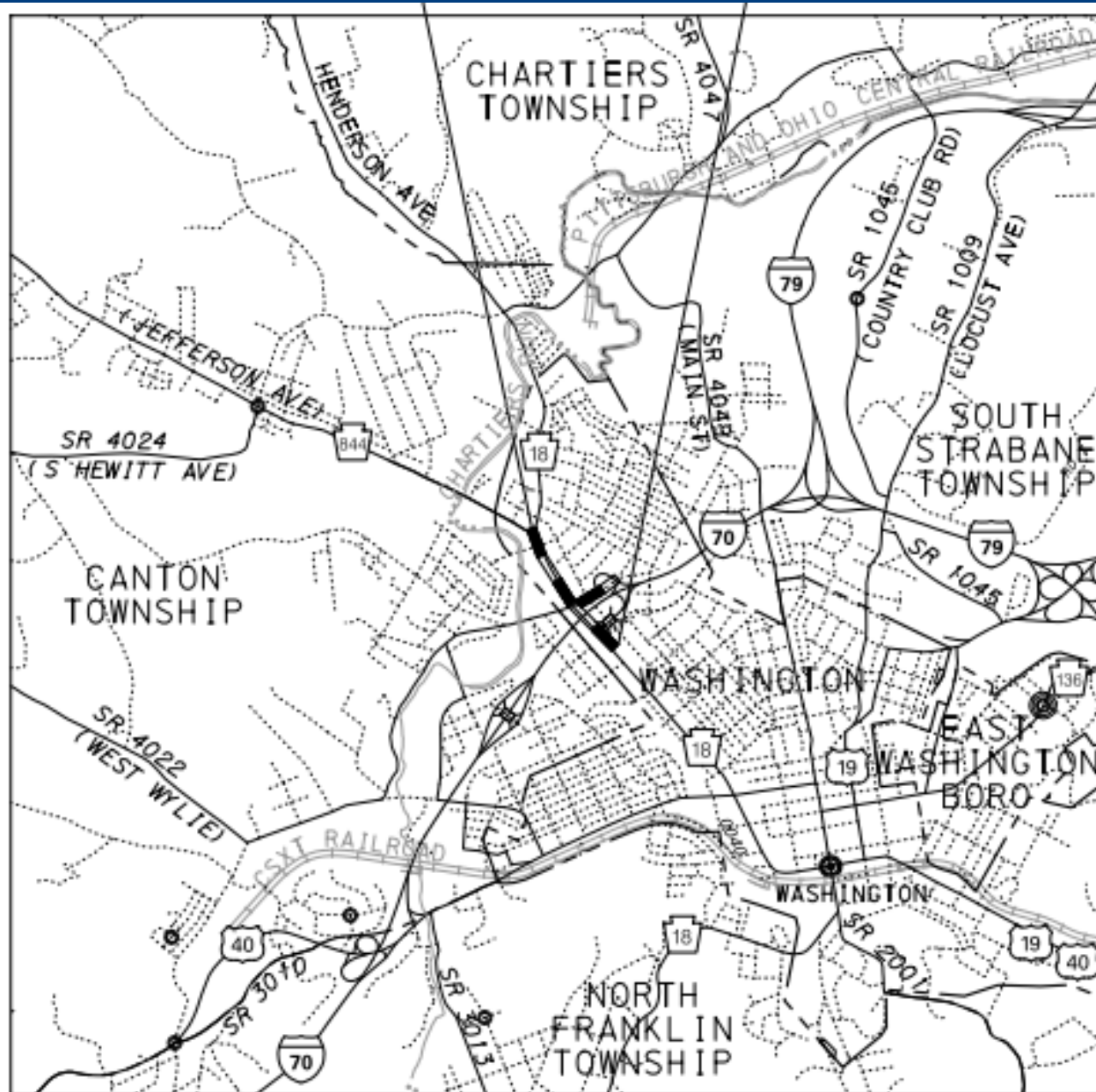
# CONSTRUCTION PROGRAM 2022 RECAP

D-12 MATERIAL USAGE 2018 - 2022 ACTUAL / 2023 PROJECTED						
MATERIAL	2018	2019	2020	2021	2022	2023 PROJECTED
ASPHALT (TONS)	467,487	478,095	227,677	213,523	258,417	537,410
STRUCTURAL CONCRETE	7,943 CY	13357 CY	12169 CY	5,709 CY	5,045	8,917
CONC PAVING PATCHING	40,549 CY	109,857 CY	80,185 CY	137,708 SY	148,959	44,684
AGGREGATE (TONS)	790,344	1,212,973	820,392	668,963	792,349	785,977





# CONSTRUCTION PROGRAM 2022 RECAP



## SR 18 - T10

**Notice to Proceed** – 4/28/20

**Pending Completion** – 5/19/23

**Original Contract** - \$10,275,934

**Design PM-** Sean Sepe, P.E.

**Designer** – JMT

**Contractor** – Plum Contracting

**ACE** – Scott Faieta, P.E.

**IIC** – Jeff Corazzi

**Const. Insp.** – Hill International



# SR 18 - T10



SR18-T10 Jefferson Avenue PMs 11/05/2022



SR18-T10 Jefferson Avenue PMs

# SR 18 - T10



SR18/T10 Jefferson Avenue 11/02/2021  
Wearing Course

SR18/T10 Tyler Avenue  
Wearing Course

# SR 18 - T10



0 Jefferson Ave. Subbase

06/05/



SR18/T10 I70 Exit #17 WB Off Ramp

# SR 18 - T10





# SR 356 – F10



# SR 356 – F10





# SR 356 – F10



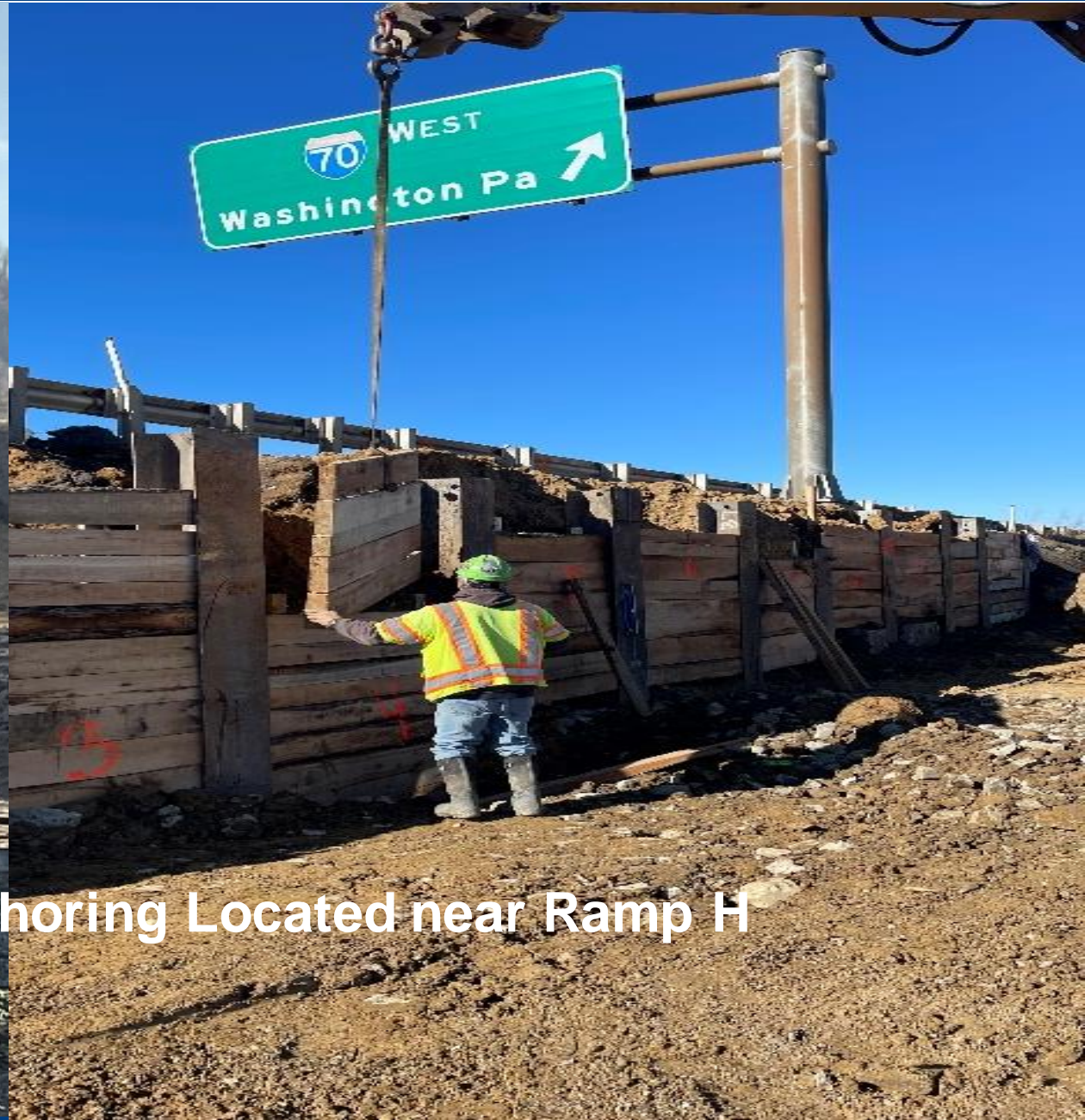


# SR 70 – E10



Aaron Enterprises Jack & Bore RCP Crossing I-70/west-of-interchange

# SR 70 – E10



Temporary Embankment for Shoring Located near Ramp H

# SR 70 – E10

Culvert Extension Drilled Dowel Bars

Culvert Extension Rebar Placement

S-40008 ~ I-70 over Cedar Creek



# SR 70 – E10



S-40008 ~ I-70 over Cedar Creek  
Culvert Extension Overview



# I 70- L10





# I 70- L10



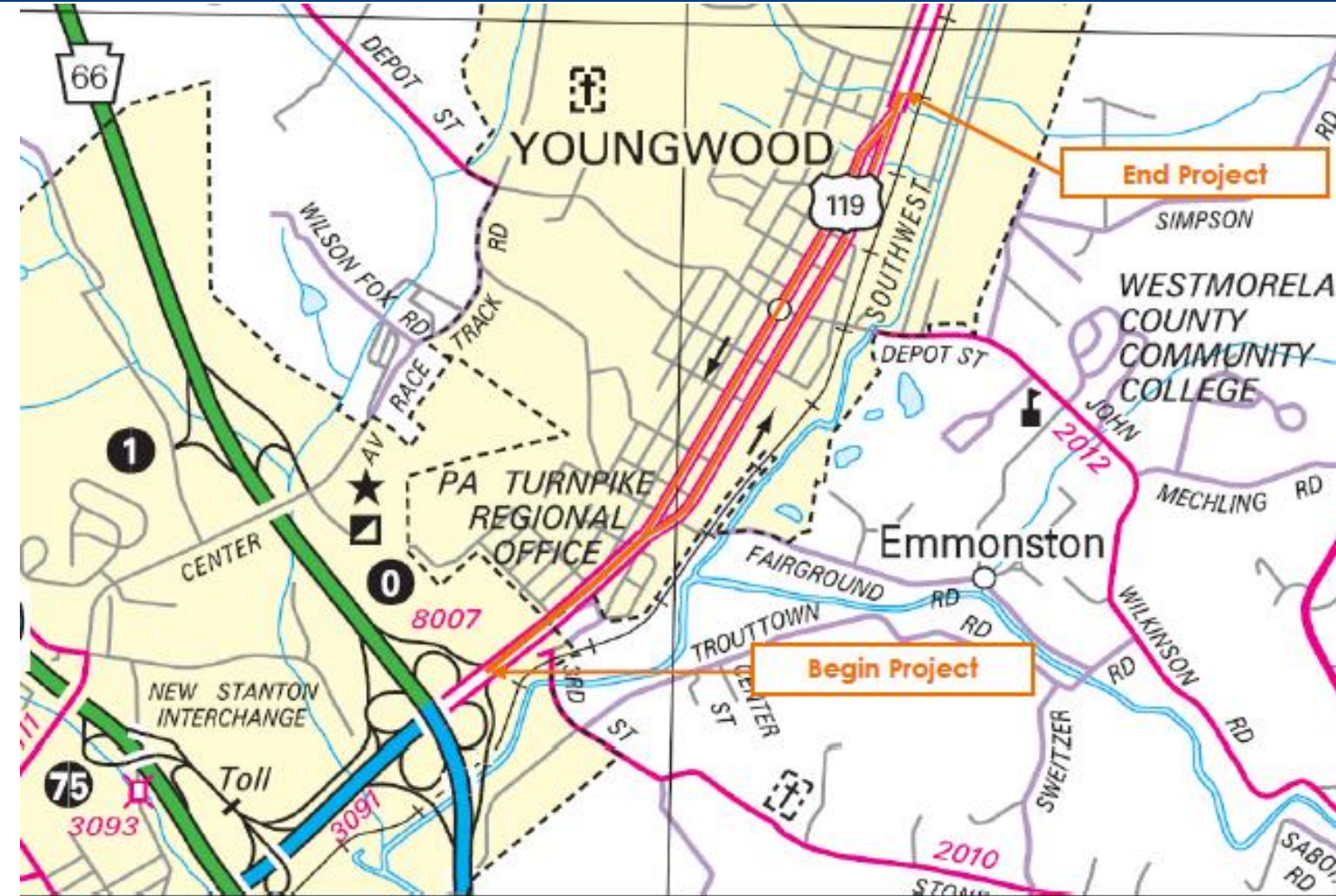
# I 70 – L10



# I 70 – L10



# CONSTRUCTION PROGRAM 2022 RECAP



## **SR 119- J20**

**Notice to Proceed** – 6/4/20

**Pending Completion** – 9/30/23

**Original Contract** - \$23,871,244

**Design PM-** James Sisul

**Designer** – Stantec

**Contractor** – Golden Triangle

**ACE** – Dominec Caruso, P.E.

**IIC** – Tom Nguyen

**Const. Insp.** – Mackin Eng.



# SR 119 - J20



# SR 119 – J20



# SR 119 – J20



# SR 119 – J20





# SR 119 – J20



# SR 119 – J20



# SR 119 – J20



# CONSTRUCTION PROGRAM 2022 RECAP

## SR 981 – Q20

**Notice to Proceed** – 9/21/21

**Pending Completion** – 9/26/24

**Original Contract** - \$55,217,553

**Design PM-** Troy Pritts

**Designer** – McCormick Taylor

**Contractor** – Walsh Construction Company II

**ACE** – Dominec Caruso, P.E.

**IIC** – Jeff Miller

**Const. Insp.** – CDR Maguire



# SR 981 – Q20



# SR 981 – Q20



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