

ACEC Western Region Meeting

March 7, 2025



Allegheny County Department of Public Works





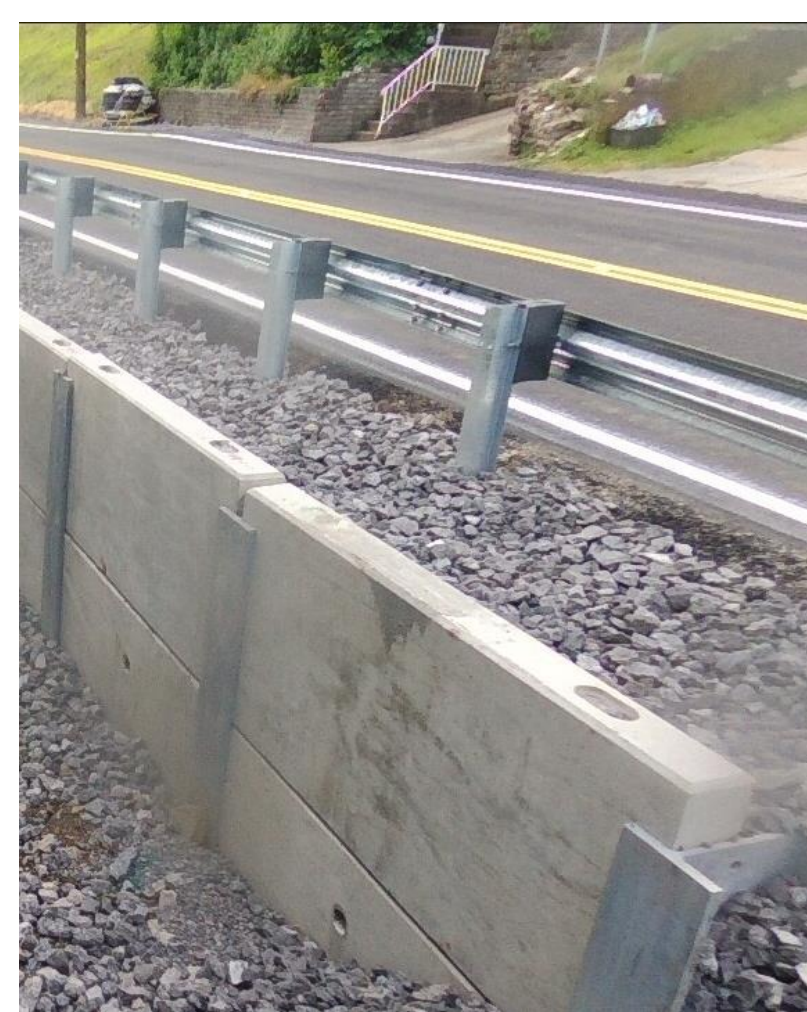
32.6

Miles of Roadway Resurfaced



107.3

Miles of Roadway Crack Sealed



4,636

Feet of Guiderail Installed

2024 Statistics





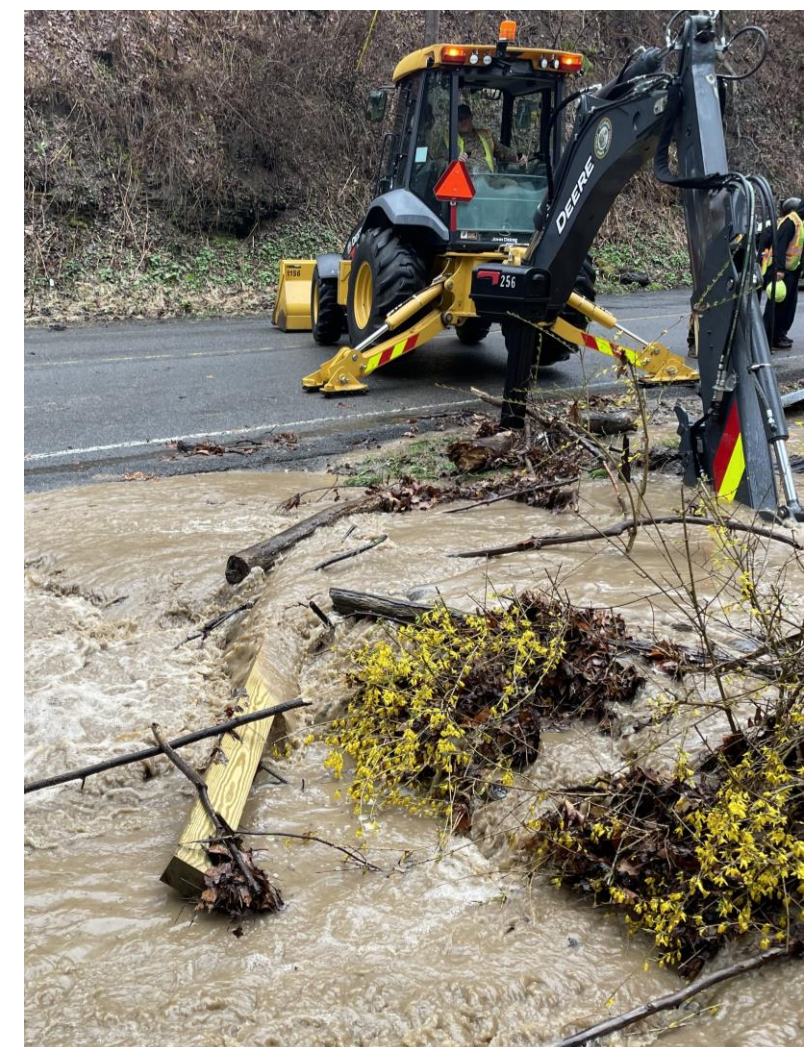
231

Miles of Roadway Line-Striped



408

Roadway Signs Replaced



1,221

Service Requests Completed

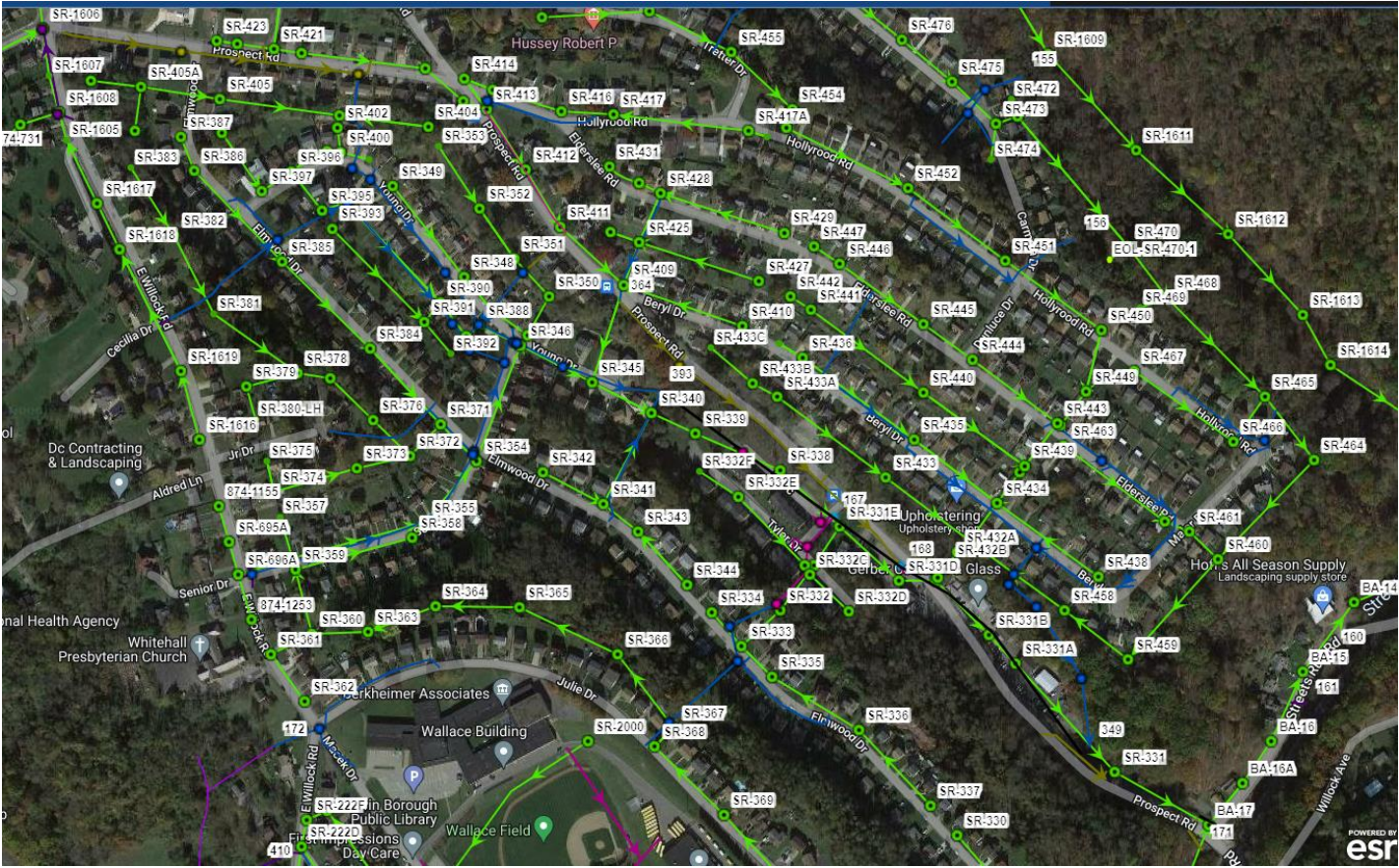
2024 Statistics





392

Permits Issued



11,921

PA One Call Tickets Answered



2024 Statistics





\$285,037,556

Investment in bridges over past decade



123

Bridge projects completed over past decade



39

Bridge Projects Currently in Design

Bridge Statistics



- **Act 13**
 - Allocates portion of Marcellus Shale Impact Fee to fund locally owned, at-risk, deteriorated bridge replacement or rehabilitation projects.
 - Issued to Counties
 - Project **MUST** be on the TIP. Can be used as a local match on a TIP project
 - Allegheny County received **\$2,452,932.18.63** in 2024

- **Act 44**
 - Origins in (2007) PA Turnpike Contributions to fund statewide road/bridge/transit projects.
 - Based on square footage of Allegheny County-owned bridge decks to total square footage of all County-owned bridge decks statewide.
 - Allegheny County received **\$1,158,164.26** in 2024

- **Act 89**
 - Funds allocated to each County for bridge projects (construction, reconstruction, repair, maintenance), bridge inspections or engineering.
 - Allocations in June and December
 - Allegheny County received **\$1,081,840.01** in 2024

Any work that affects the load carrying capacity of the bridge is considered a **“Project”** and requires PENNDOT approval

Act Funding for County Bridges





Glenwood Bridge



Philip Murray (South 10th Street) Bridge



Homestead Grays Bridge



David McCullough (16th Street) Bridge



Sister Bridges (6th, 7th and 9th Street)



Rankin Bridge

My Pitch to Bridge Engineers to Work for the County



OKTOBERFEST

♦ P I T T S B U R G H ♦

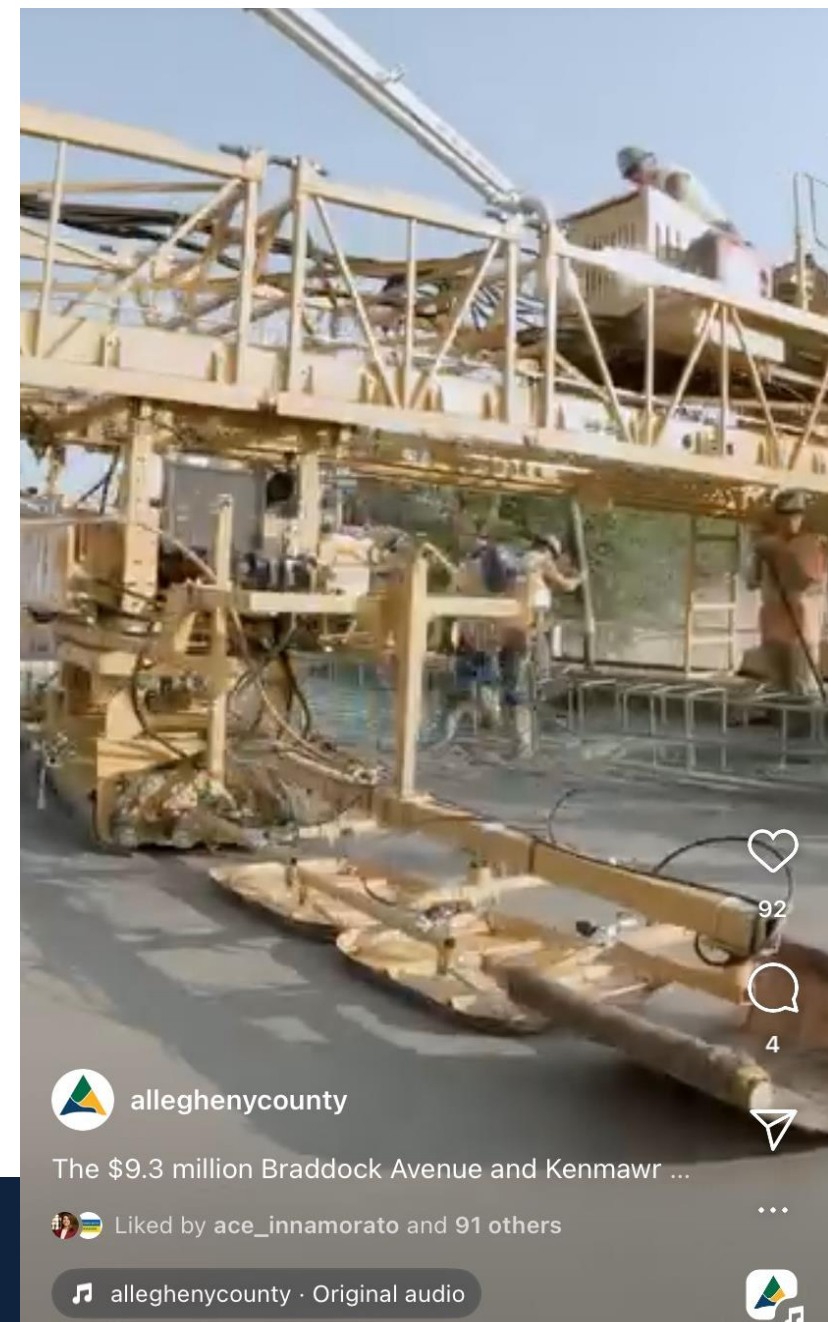


OKTOBERFEST

♦ P I T T S B U R G H ♦







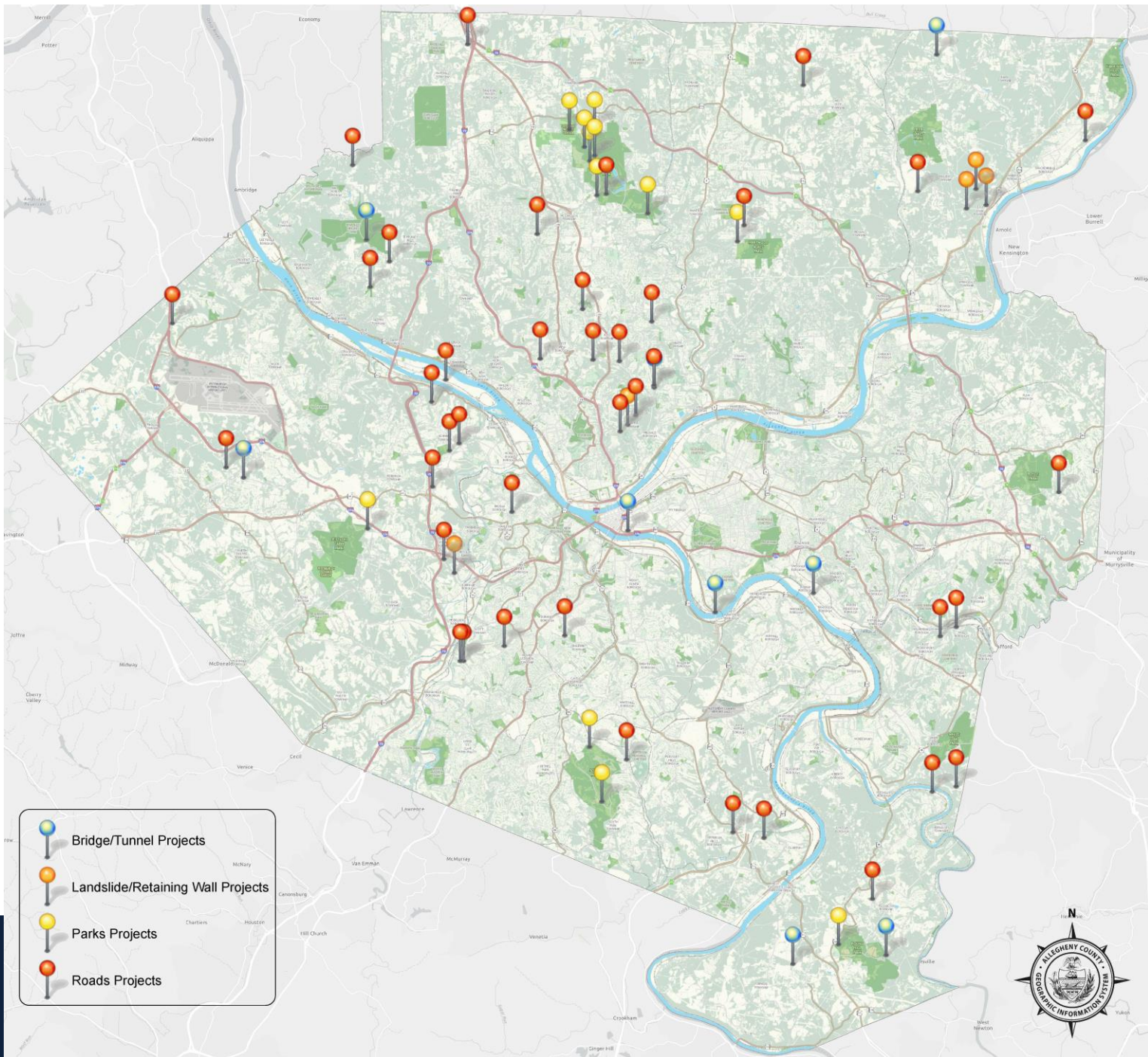
- Brush Creek Road
- Heckle Road
- Neville Road
- Steuben Street
- Vanadium Road
- Wall Avenue



2024 ADA Curb Ramp Project



2024 Project Locations



Wall Avenue



Designer: ms consultants
Contractor: A. Folino Construction, Inc.
CM/CI: SB Thomas



Vilsack Road



Simpson Howell Road



Enlow Road

2024 Capital Roads





Mt Troy Road

Designer: D'Appolonia

Contractor: A. Merante Contracting, Inc.

CM/CI: SB Thomas

Cost: \$1,365,804.45



Campbells Run Road

Designer: Earth, Inc.

Contractor: Pugliano Construction Co.

CM/CI: SB Thomas

Cost: \$761,512.71

Allegheny County - Completed Wall Projects in 2024



457 Baileys Run Road
&
209 Baileys Run Road

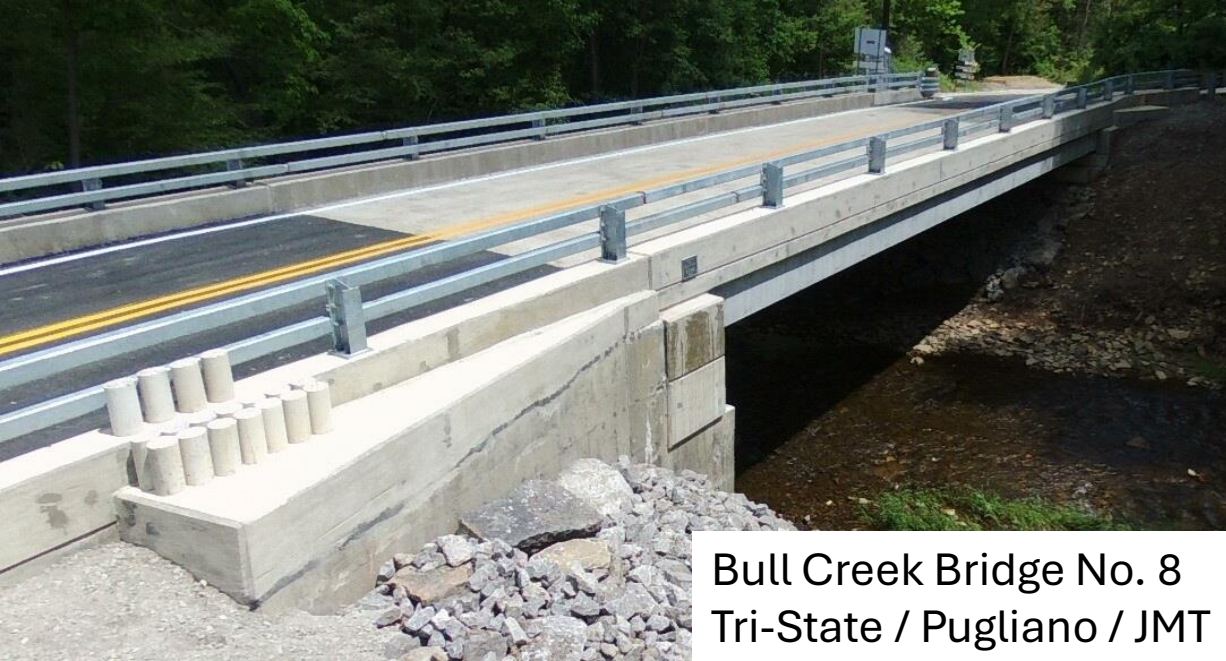
Designer: ms consultants
Contractor: Pugliano Construction Co.
CM/CI: SB Thomas
Cost: \$1,565,621.97



Crawford Run Road

Designer: Earth, Inc.
Contractor: Pugliano Construction Co.
CM/CI: SB Thomas
Cost: \$820,059.32

Allegheny County - Completed Wall Projects in 2024



Bull Creek Bridge No. 8
Tri-State / Pugliano / JMT



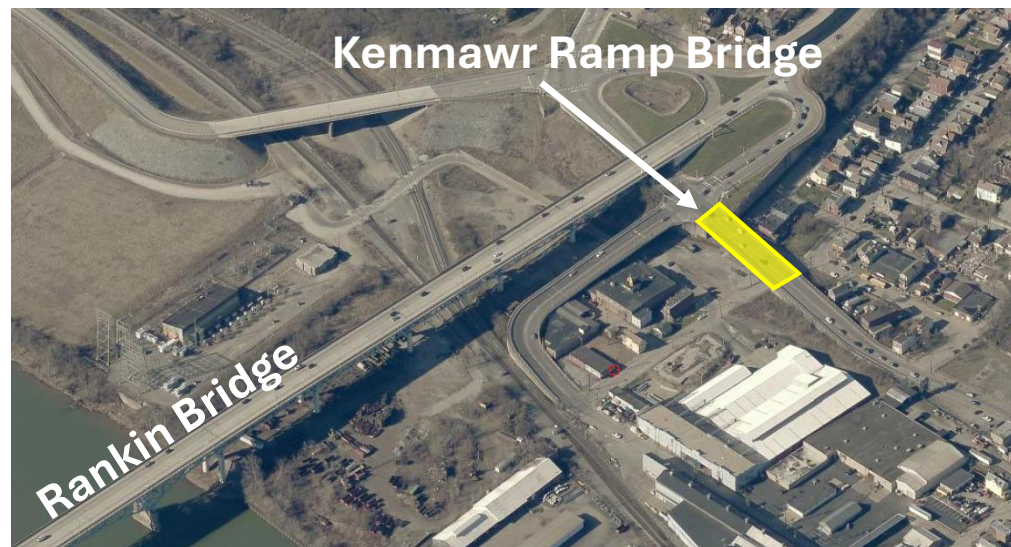
Little Sewickley Creek Bridge No. 1
Buchart Horn / Merante / MEC



Pine Creek NB Bridge No. 3
WEC / Pugliano / SB Thomas

Allegheny County Completed Bridge Projects in 2024



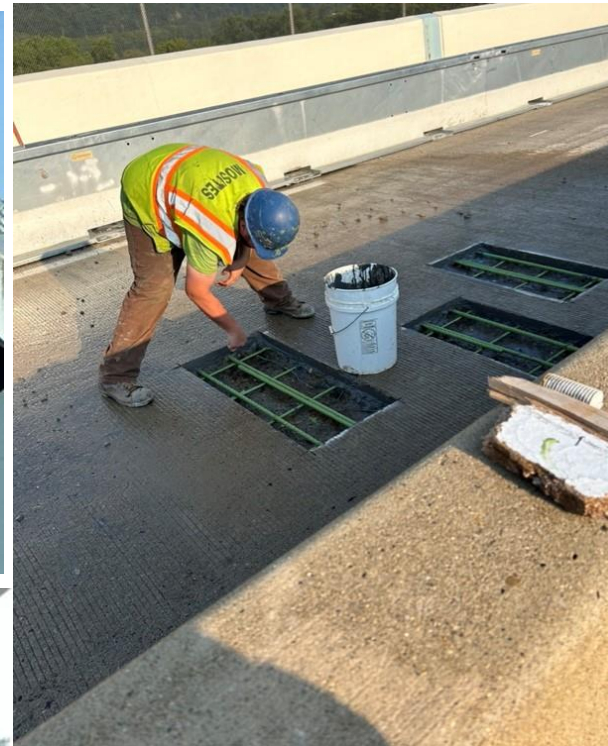


Cost: \$9.4 Million



Kenmawr RAMP Bridge (ECMS 93917)





Cost: \$4.8 Million

HDR



Mosites

Glenwood Bridge Preservation (ECMS 93419)





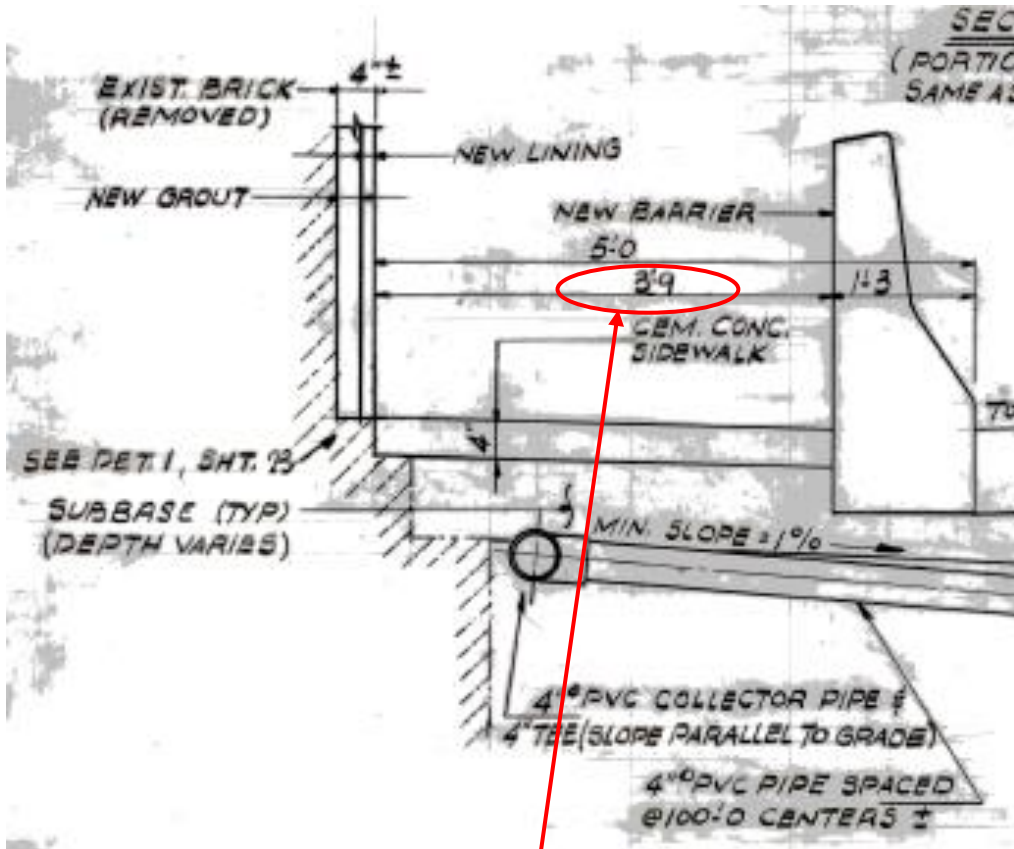
Cost: \$13.2 Million

Notice to Proceed: 12/12/2022

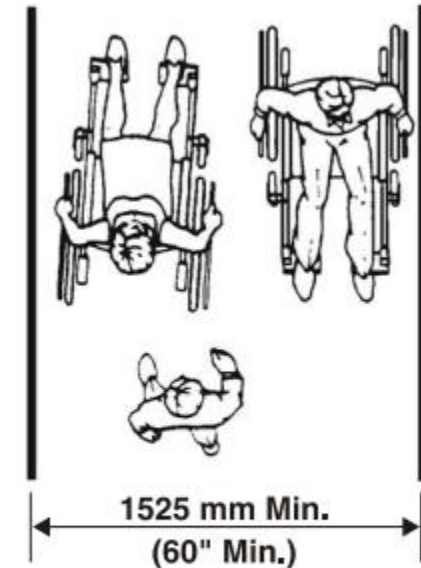
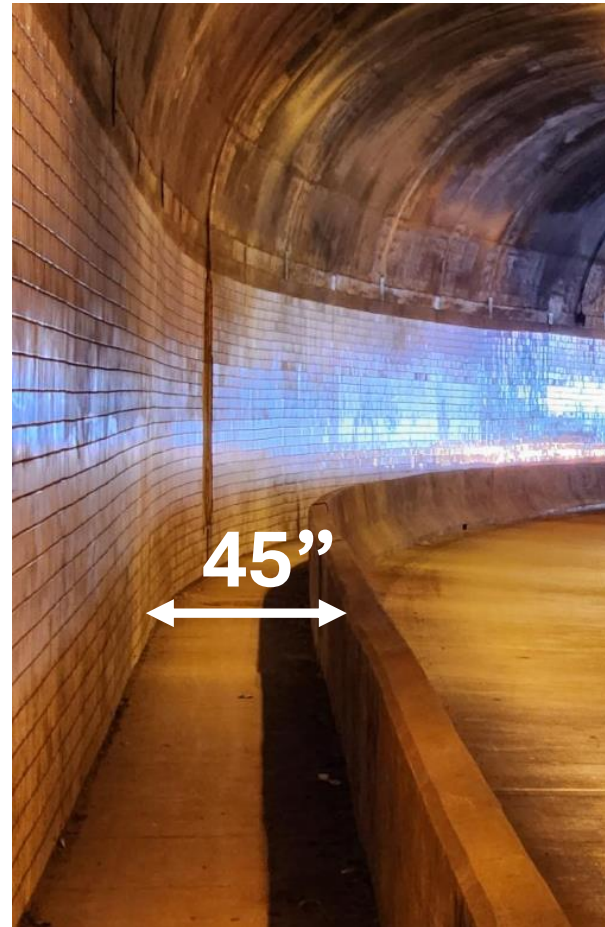
Anticipated Completion:
Summer 2025

Armstrong Tunnel (ECMS 93922)





1990 Armstrong Tunnel Rehab Detail
Sidewalk Width = 3'-9" or 45 inches



(c)
Minimum Clear Width
for Two Wheelchairs

PennDOT Design Manual 2 – Chapter 6
60" Minimum Clearance Width for Two
Wheelchairs

45" < 60" (NOT GOOD)

Armstrong Tunnel – Pedestrian Accommodations



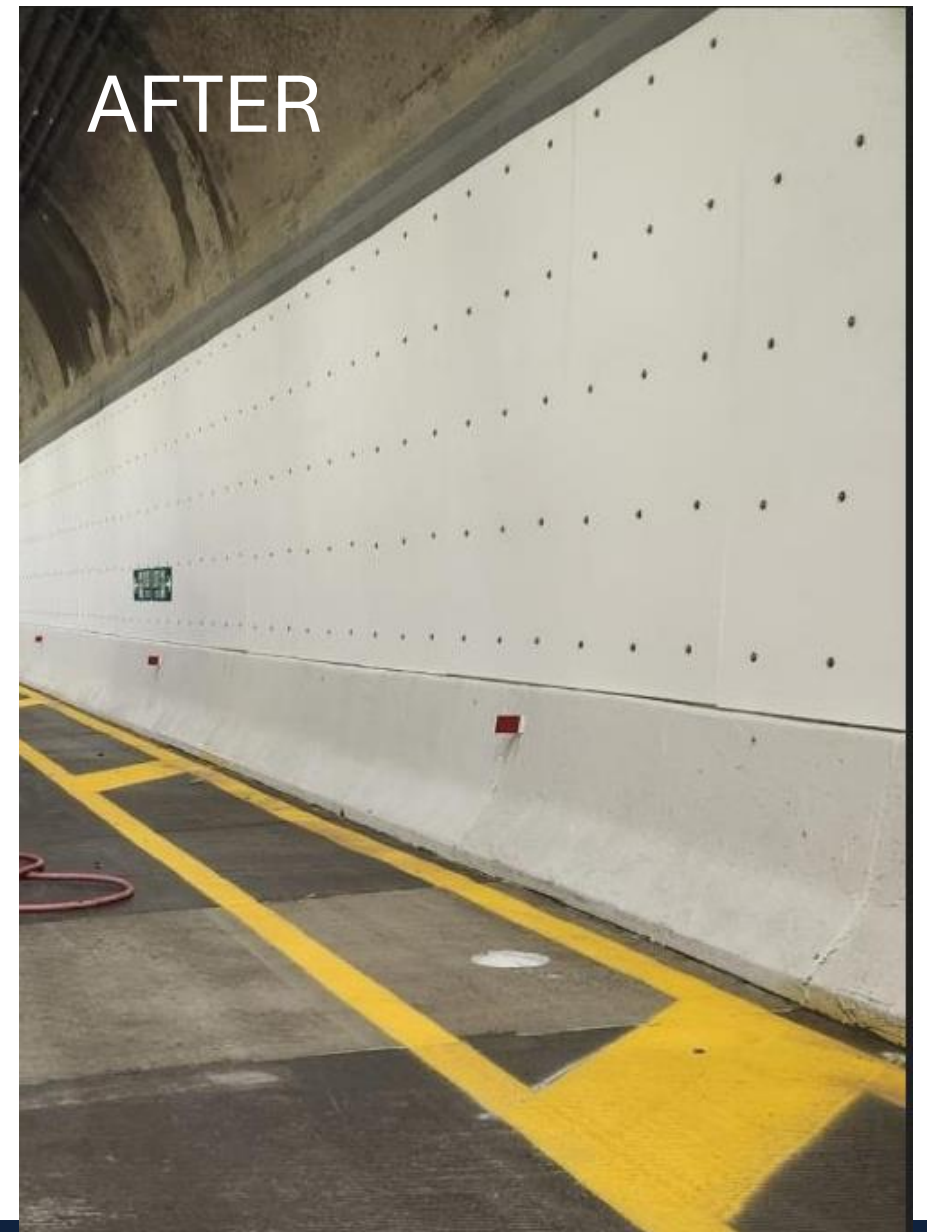
Armstrong Tunnel – Roadway Construction



BEFORE



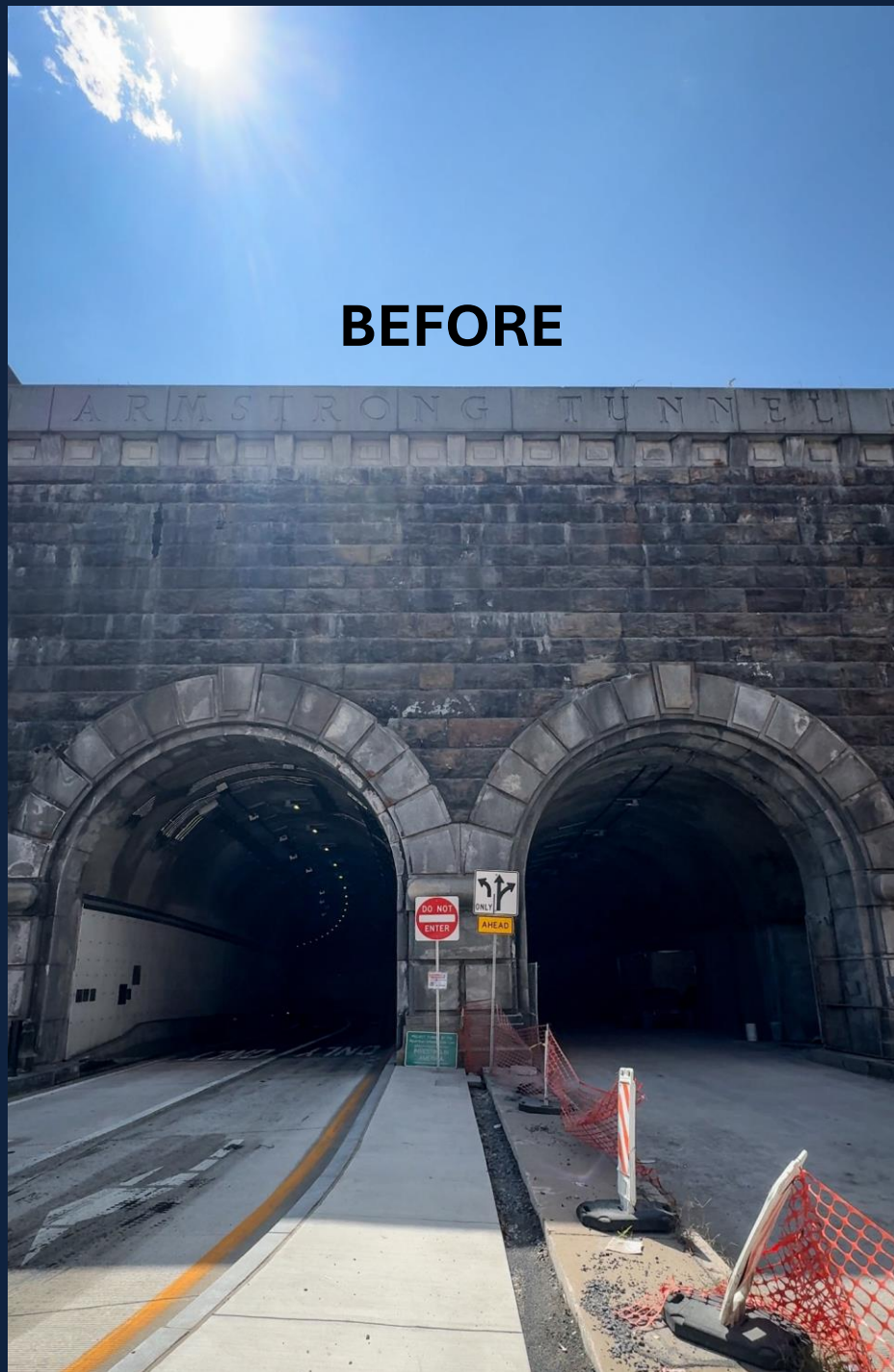
AFTER



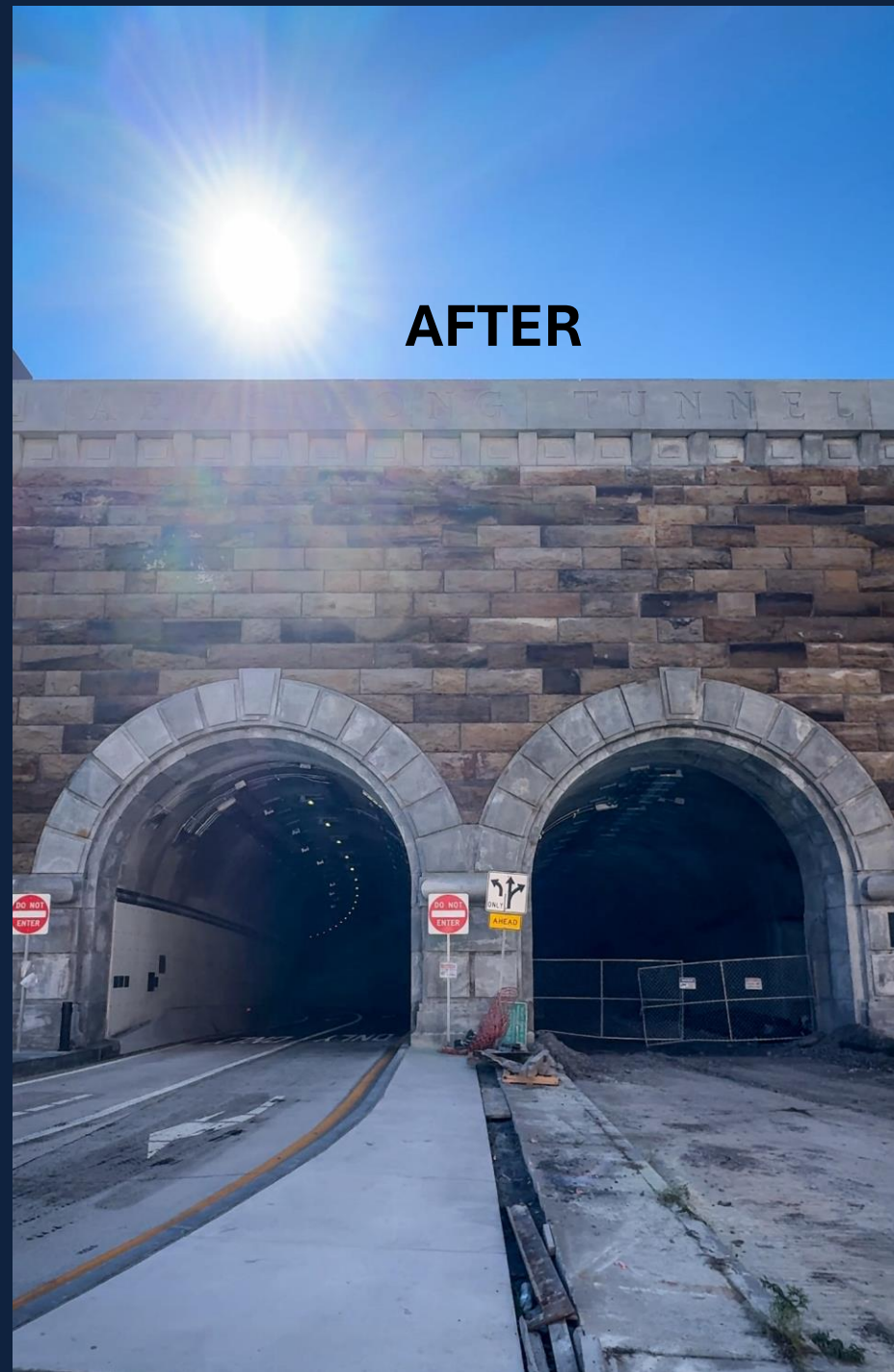
Armstrong Tunnel – Tunnel Wall Liner



BEFORE



AFTER





Cleaning of Stone Masonry at Tunnel Portals



Get that Parkway Out of the Way



ROADWAY ENGINEERING OPEN END

First Consultant Selection for DPW
using the **Bonfire** platform.

3 Firms will be selected.

5 Year Duration / \$2 Million cap

Advertisement in March 2025.

Purpose: Design Services for 100%
County funded roadway and traffic



Upcoming Design Solicitations Roadway Engineering Open End

MS4 OPEN END

Selection through the Bonfire platform.

1 Firms will be selected.

5 Year Duration

Advertisement in Spring 2025.

Purpose: Assisting County in meeting MS4 permit requirements with PA DEP.



3800-PM-BCW0200b Rev. 9/2022
Permit Application
pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
INDIVIDUAL PERMIT TO DISCHARGE STORMWATER FROM
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)
APPLICATION**

Before completing this form, read the step-by-step instructions provided in this application package.

Related ID#s (If Known)		DEP USE ONLY	
Client ID#	88050	APS ID#	
Site ID#	626846	Auth ID#	
Facility ID#		PA	PDG?

GENERAL INFORMATION

Type of Permit: ☐ New Permit ☒ Renewal of Permit Permit No.: PA136130

Is a waiver of coverage being requested and is a waiver application attached to this application? ☐ Yes ☒ No

Is individual permit coverage requested for more than one MS4 applicant? ☐ Yes ☒ No

If Yes, submit this application for each co-applicant and complete the information below (see instructions):

Joint Client Name: _____ Joint Client Phone: _____

Joint Client Address: _____ Joint Client Contact: _____

Joint Client City, State, Zip: _____

Will the applicant accept the draft and final permit electronically? ☒ Yes ☐ No Email: kevin.lemon@alleghenycounty.us

MS4 CLIENT/OPERATOR INFORMATION

DEP Client ID#	Client Type/Code		
86050			
Organization Name or Registered Fictitious Name	Employer ID# (EIN)	Dun & Bradstreet ID#	
Allegheny County	256001017		
Mailing Address Line 1	Mailing Address Line 2		
501 County Office Building	542 Forbes Avenue		
Address Last Line – City	State	ZIP+4	Country
Pittsburgh	PA	15219	United States
Client Contact Last Name	First Name	MI	Suffix
Shanley	Stephen	G	
Client Contact Title	Phone	Ext	
Director of Public Works	412-350-4005		
Email Address	FAX		
stephen.shanley@alleghenycoun			

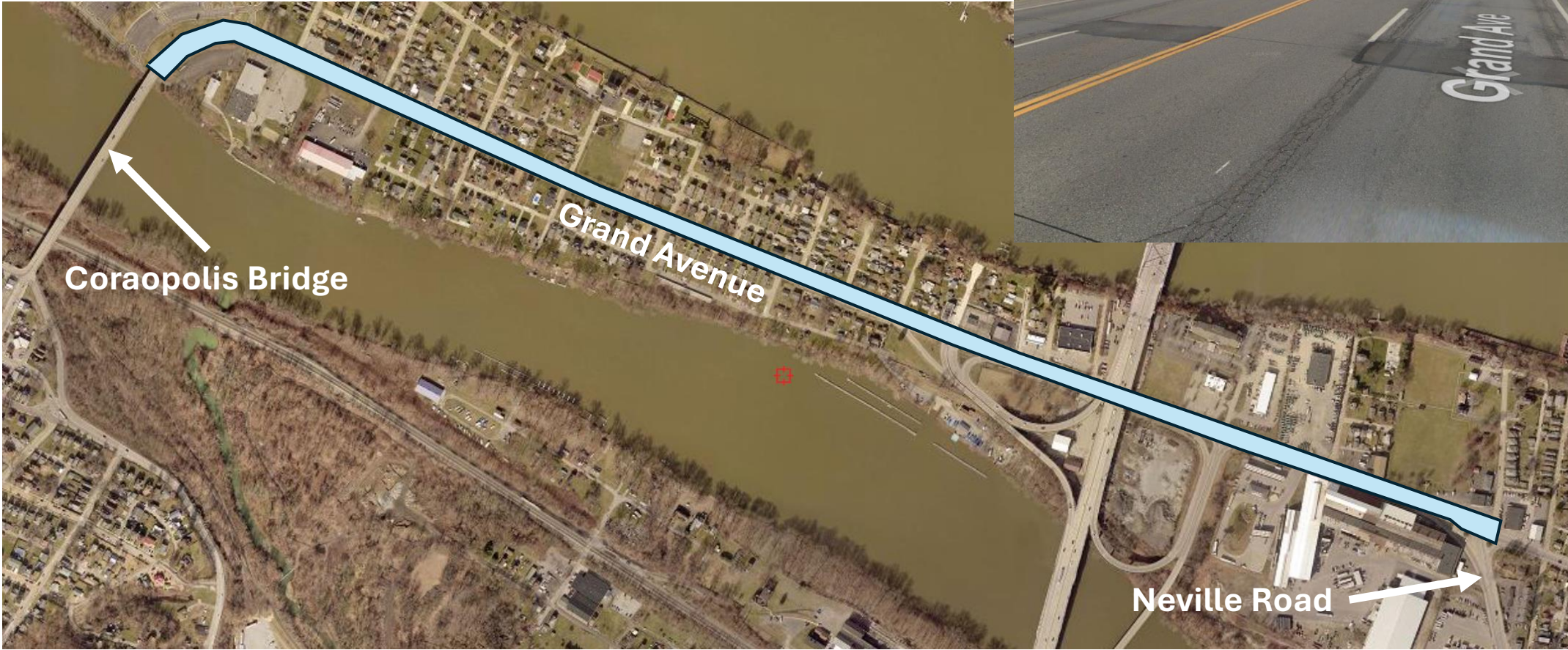
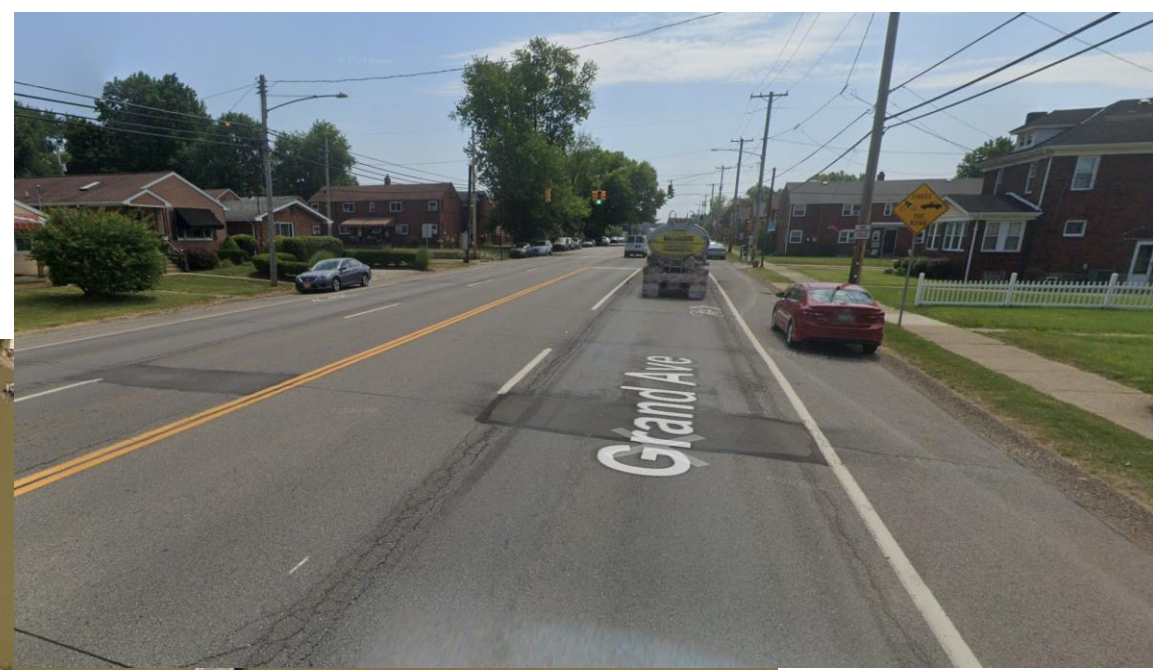


MS4 Open End





Smart Transportation for Livable Communities Grant



Upcoming Design Solicitations – MPMS 119972
Grand Avenue Road Diet Study





Upcoming Design Solicitations – MPMS 119972

Neville Island Road Diet Study

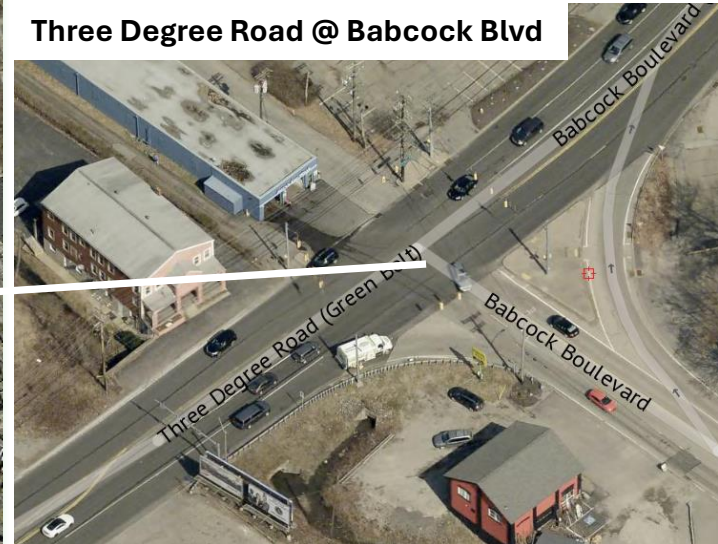


Limit
Ramp from McKnight Road to Babcock

Babcock Boulevard / Three Degree Road Corridor

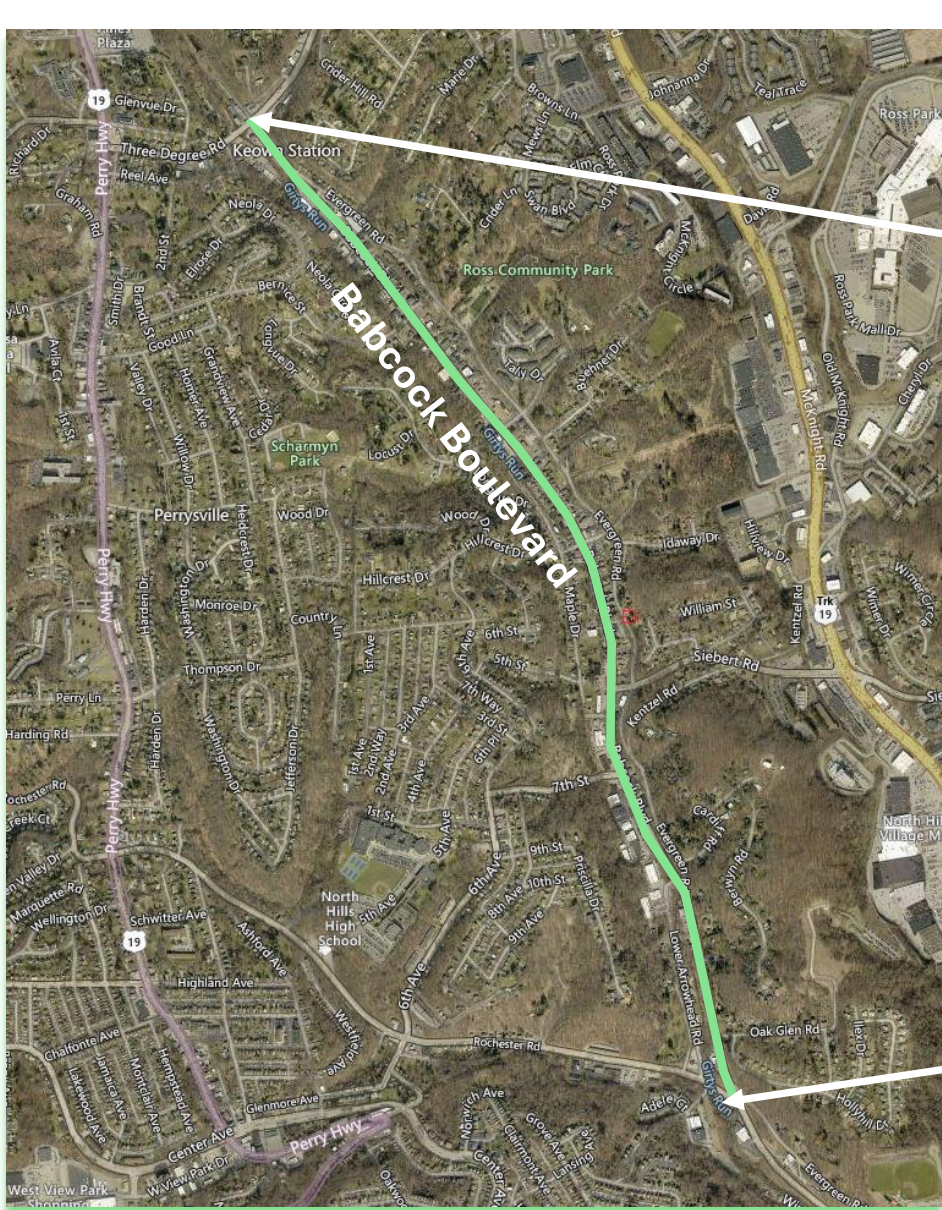
- ADT ~ 14,000
- Other Principal Arterial
- 4 Lanes (2 in each Direction)
- Residential / Commercial Context
- No Existing Pedestrian or Bicycle Facilities
- Confusing intersection at Babcock Blvd and Three Degree Road.

Three Degree Road @ Babcock Blvd



Upcoming Design Solicitations – MPMS 91805 Babcock Boulevard / Three Degree Road Reconstruction





Limit
Three Degree Road @ Babcock Blvd



Limit
Babcock Blvd @ Rochester Road

Babcock Blvd Corridor

- ADT ~ 14,000
- Minor Arterial
- 60' ROW width
- 2 Lanes
- Commercial with some Residential

So Many Driveways



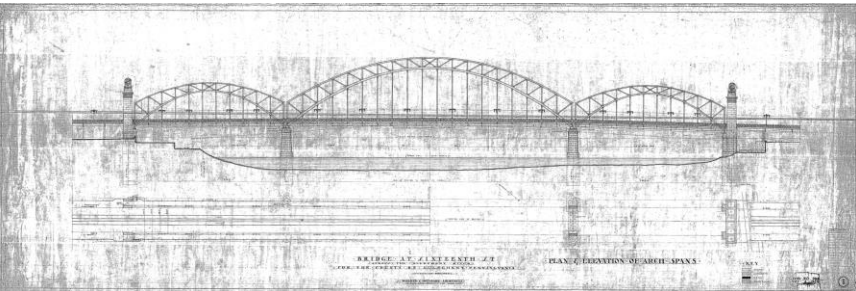
Upcoming Design Solicitations
Babcock Boulevard Betterment - MPMS 119931

David McCullough (16th Street) Bridge

- Steel Trussed Through Arch Bridge
- Built in 1922.
- Rehabilitation in 2002.
- Preservation in 2019
- Structure length of 1,900 feet (34 spans)
- National Register of Historic Places
- ADT – 14,656

ECMS Agreement Number TBD

- Advertisement in Fall 2025

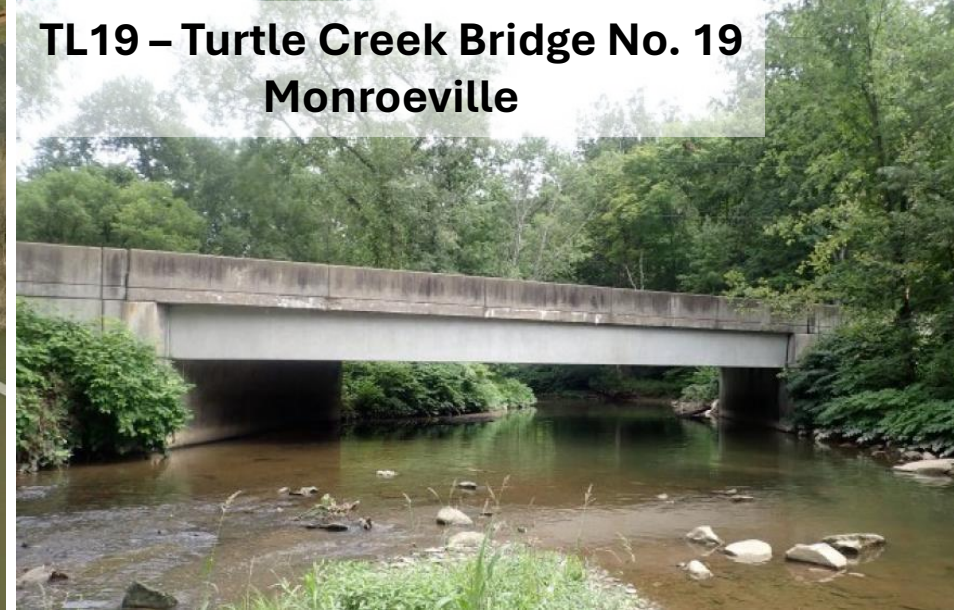


Upcoming Design Solicitations David McCullough (16th Street) Bridge Rehabilitation





**OB02 – Coraopolis-Neville
Island Bridge
Coraopolis**



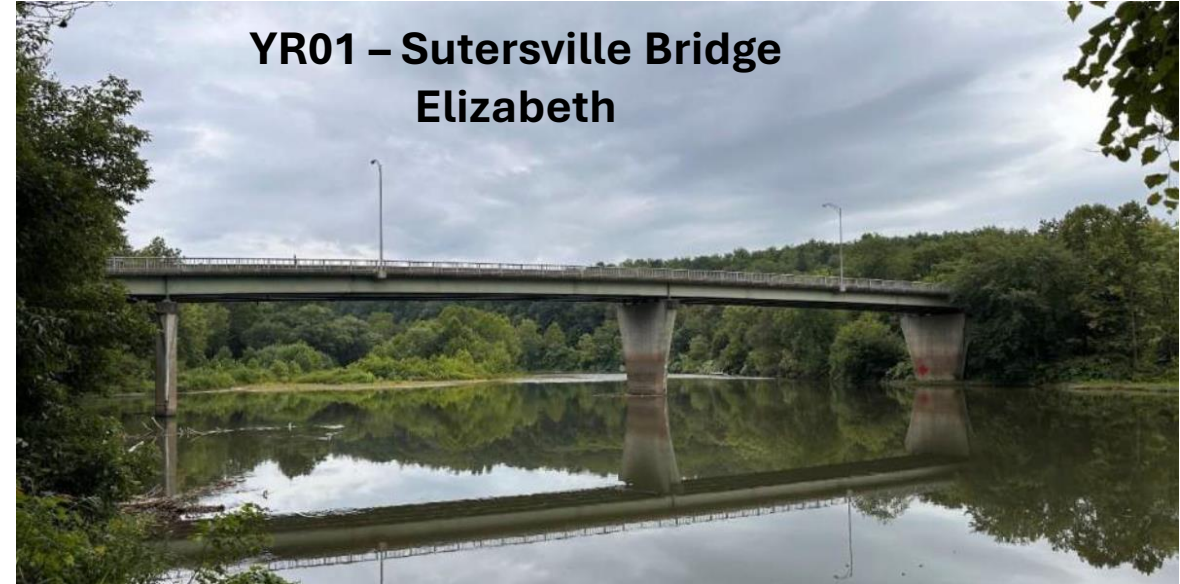
**TL19 – Turtle Creek Bridge No. 19
Monroeville**

SOI
Advertisement
Summer 2025

Construction
2026-2027



**SD03 – Shades Run Bridge No. 3
Penn Hills**



**YR01 – Sutersville Bridge
Elizabeth**

**Upcoming CM/CI Solicitations
Bridge Preservation Group 5**



Thanks for Listening!

Feel free to reach out at
Jason.Molinero@AlleghenyCounty.us

