

PENNDOT DISTRICT 9-0 HUNTINGDON COUNTY

VINCE GREENLAND, P.E.
DISTRICT EXECUTIVE



DISTRICT 9 CONTACTS



Vince Greenland, P.E.
District Executive
vgreenland@pa.gov
(814) 696-7100



Design Related Issues

James Pruss, P.E.
Assistant District Executive—Design
jpruss@pa.gov
Phone: (814) 696-7151



Maintenance Related Issues

Dave Kammerer, P.E.
Assistant District Executive - Maintenance
dkammerer@pa.gov
Phone: (814) 696-7176
Cell: (814) 207-2205



Construction Related Issues

Brad Brumbaugh, P.E.
Assistant District Executive - Construction
brbrumbaugh@pa.gov
Phone: (814) 696-7130
Cell: (814) 932-7839



Blair County Maintenance Issues

Jake Decker
County Manager
jacdecker@pa.gov
Phone: (814) 696-7271
Cell: (814) 329-7374



Bridge Related Issues

Scott Roberts, P.E.
Bridge Engineer
scroberts@pa.gov
Phone: (814) 696-7180
Cell: (814) 414-2556



Traffic Related Issues

Ernest Cascino, P.E.
Traffic Engineer
ecascino@pa.gov
Phone: (814) 696-7231
Cell: (814) 932-8018



Community Relations / Liaison to the Public

Jay Knarr
Press Officer
jknarr@pa.gov
Phone: (814) 696-7101



Cambria County Maintenance Issues

Mike Peachey
County Manager
mpeachey@pa.gov
Phone: (814) 472-7100
Cell: (814) 505-3157



Design Related Issues (Project Specific)

Nicki Donahoe, P.E.
Portfolio Manager
(814) 317-1650



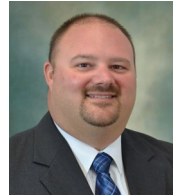
Highway Occupancy Permit Issues

Rodney Hill
Permits Manager
rodhill@pa.gov
Phone: (814) 696-7260
Cell: (814) 934-9584



Fiscal-Related Issues

Matthew Ardary
Fiscal Officer
mardary@pa.gov
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Huntingdon County Maintenance Issues

Tony Tanzi
County Manager
ttanzi@pa.gov
Phone: (814) 643-0150
Cell: (814) 599-0566



Right of Way / Utilities / Environmental Issues

John Ciprich, P.E.
Design Services Engineer
jciprich@pa.gov
Phone: (814) 696-7204



Human Resources Issues

Melissa Matchock
HR Officer
mmatchock@pa.gov
Phone: (814) 696-7240



Bedford / Fulton County Maintenance Issues

Mark Yeckley
County Manager
myeckley@pa.gov
Phone: (814) 623-6144
Cell: (814) 285-2820



Somerset County Maintenance Issues

Joe Kelemen II
County Manager
jkelemen@pa.gov
Phone: (814) 445-7905
Cell: (814) 289-3349



JOIN OUR TEAM!!!

If you have transportation skills,
PennDOT District 9 has a job for you!

*We are currently seeking candidates for
several essential positions, including:*

- ✓ Engineers
- ✓ Drafters
- ✓ Technicians
- ✓ Interns
- ✓ Inspectors
- ✓ Equipment Operators
- ✓ Diesel Mechanics



Visit employment.pa.gov to apply.



AGENDA

Vince Greenland, District Executive

- Transportation Update

Tony Tanzi, County Maintenance Manager

- Winter Wrap-up
- County Funded Improvements

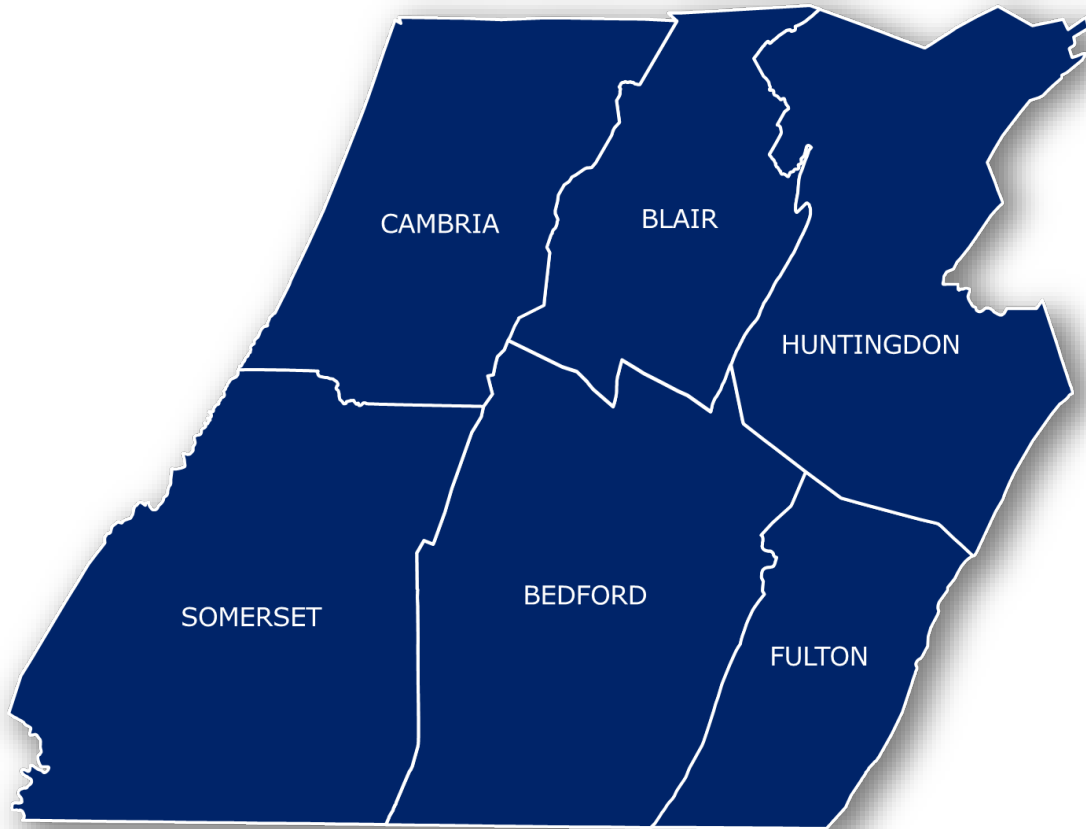
James Pruss, Assistant District Executive, Design

- Transportation Planning Process
- Construction Projects
- Future Projects

Question and Answer Session



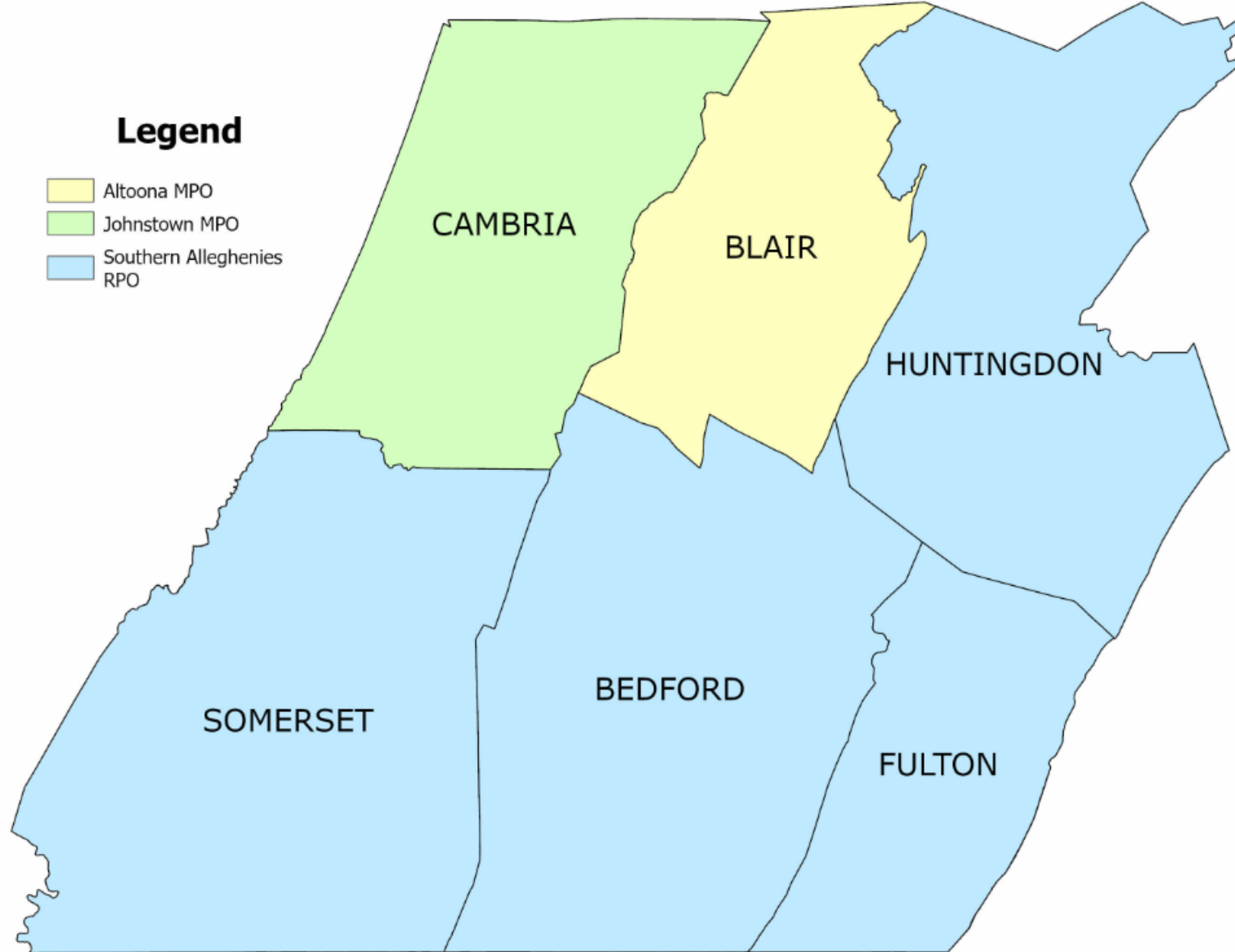
DISTRICT 9: OVERVIEW



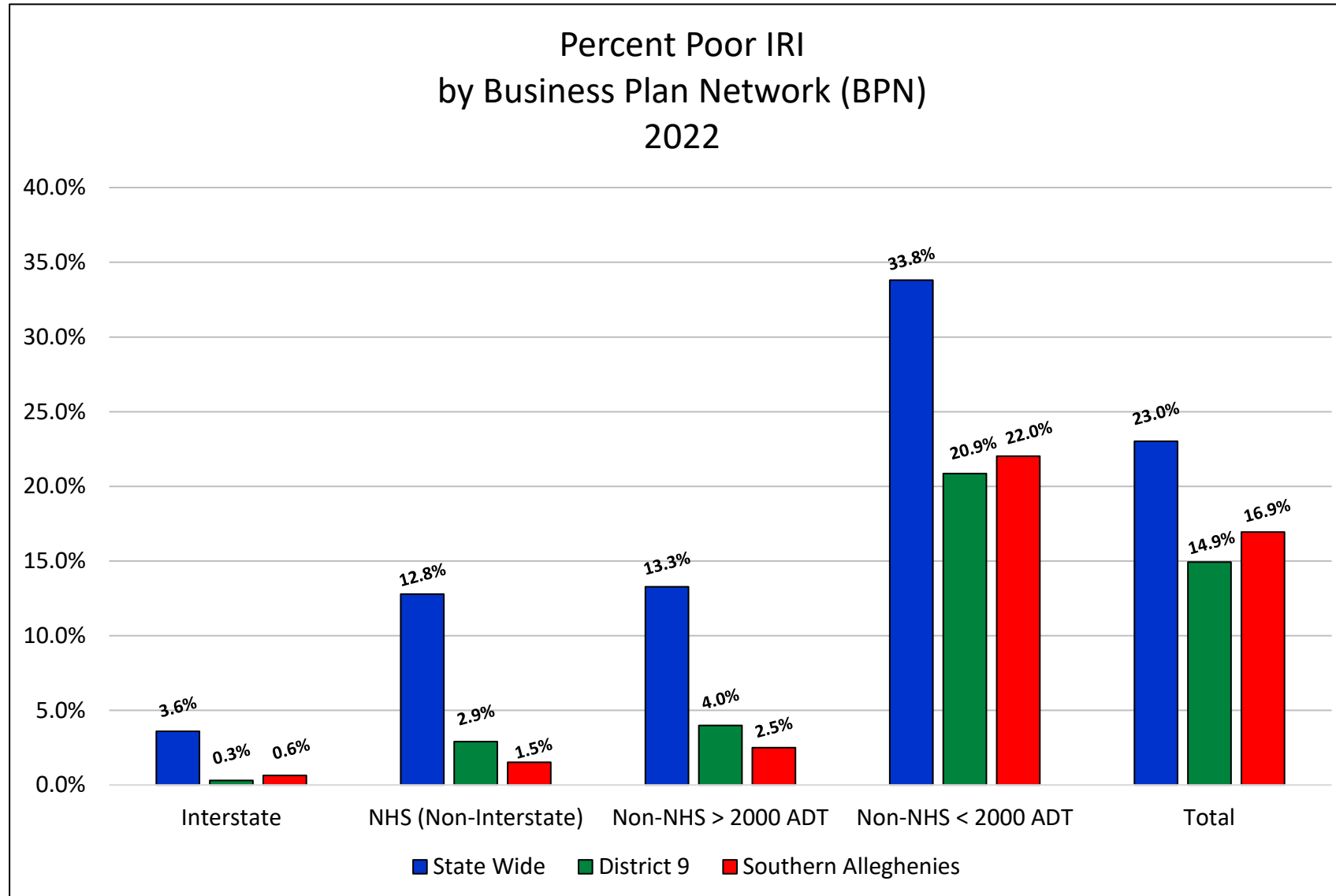
- 6 Counties
- 883 Employees
- Bridges
 - 2,101 State Bridges
 - 2.8% Poor Deck Area
 - 465 Local Bridges
 - 19.0% Poor Deck Area
- 4,004 Miles of Roadway
 - 14.9% Poor IRI



DISTRICT 9: OVERVIEW

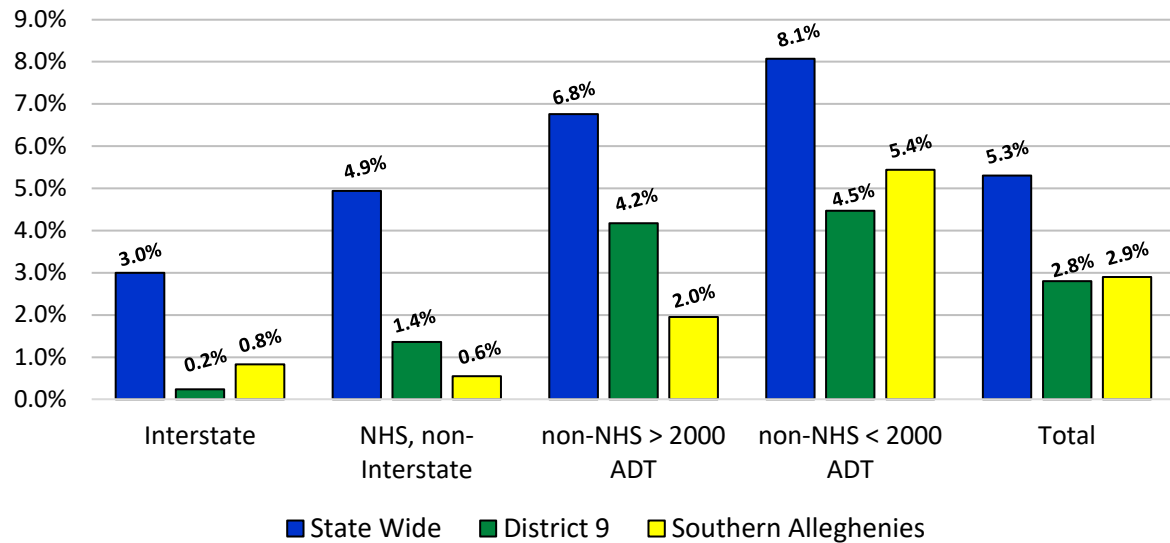


ROADWAY ASSETS

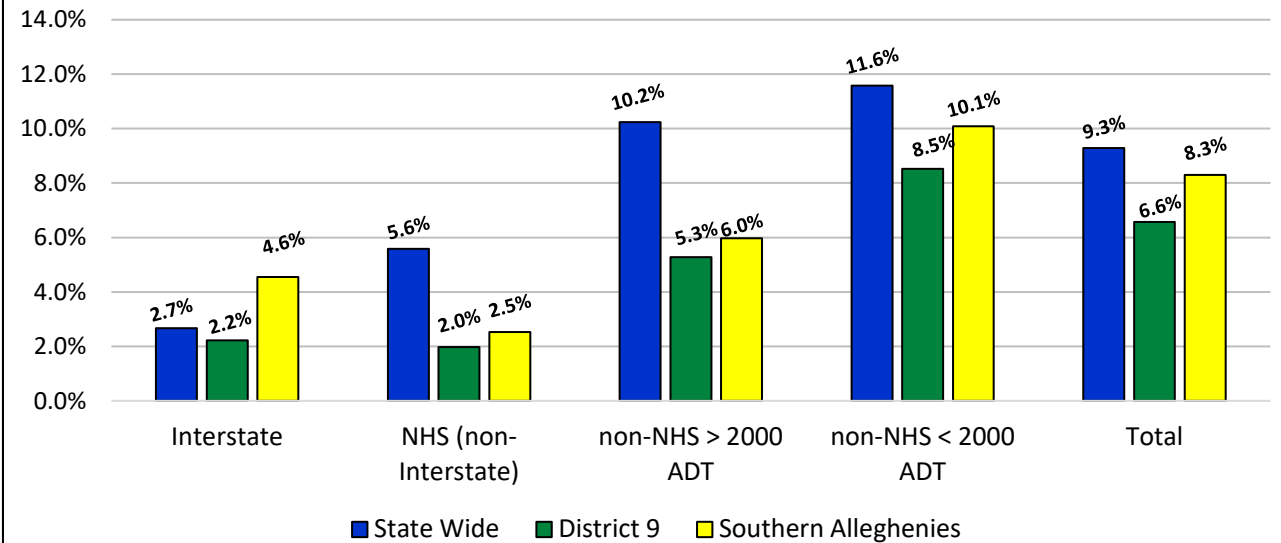


BRIDGE ASSETS

Percent Poor State Owned Bridges by Deck Area (2022)



Percent Poor State Owned Bridges by Count (2022)



LOCAL BRIDGE ASSETS

Poor Local Bridges >20'

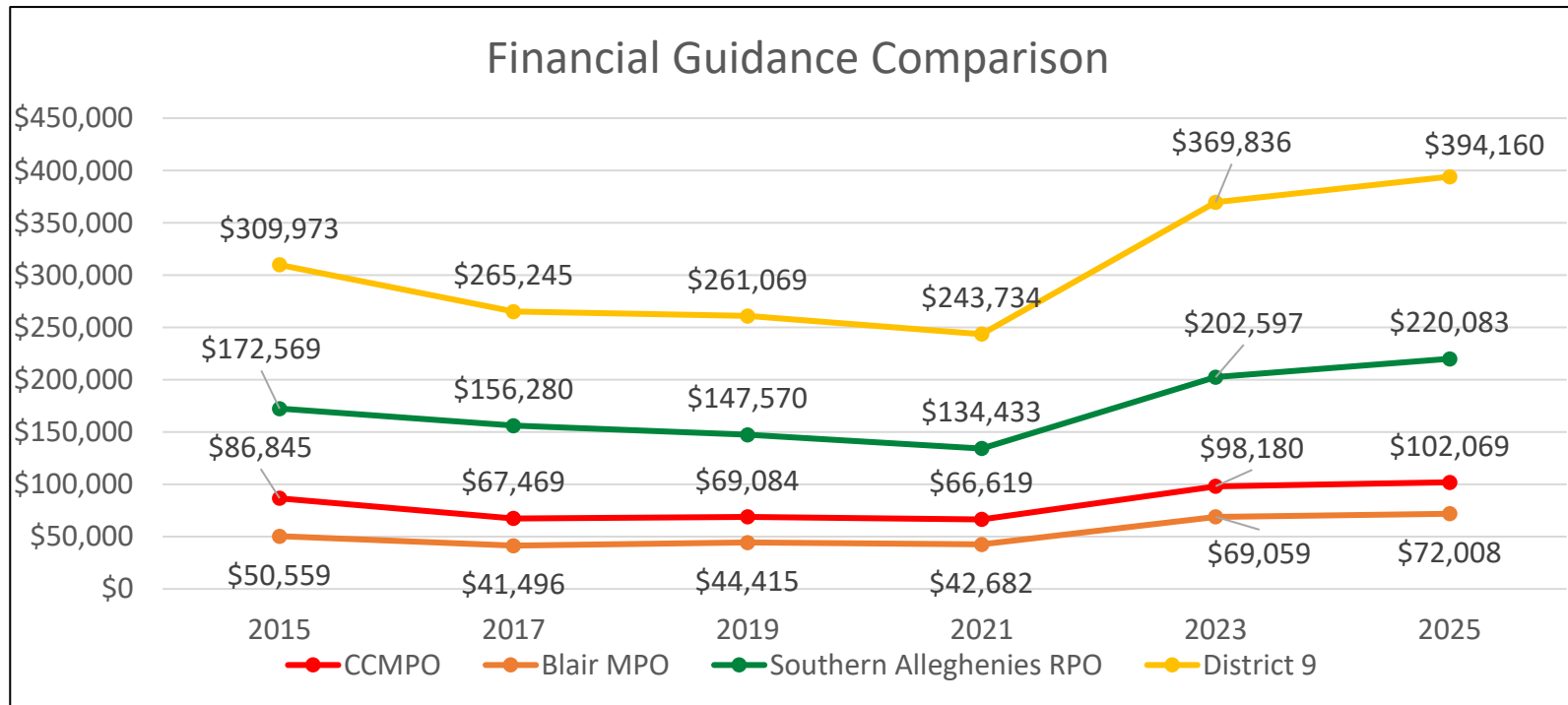
Region	2015		Today	
	% Poor by Count	% Poor by Deck Area	% Poor by Count	% Poor by Deck Area
Blair	36.9%	24.9%	28.6% ↓	16.1% ↓
Cambria	43.7%	23.8%	17.4% ↓	9.4% ↓
Southern Alleghenies	41.5%	43.7%	31.2% ↓	26.9% ↓



2025 PROGRAM HIGHLIGHTS

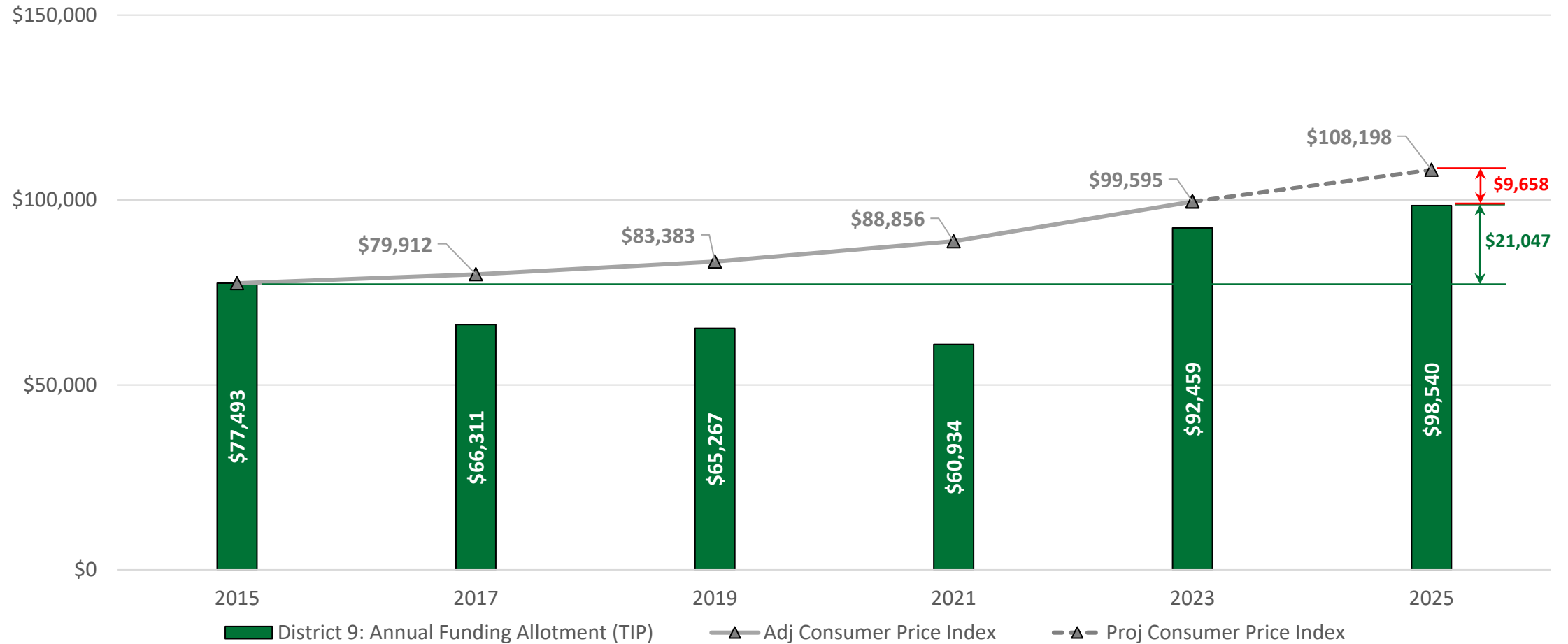
TIP FINANCIAL GUIDANCE COMPARISON

Planning Region	Act 89				BIL		2023-2025 TIP Difference	
	2015 TIP (000's)	2017 TIP (000's)	2019 TIP (000's)	2021 TIP (000's)	2023 TIP (000's)	2025 TIP (000's)	\$ (000's)	%
CCMPO	\$ 86,845	\$ 67,469	\$ 69,084	\$ 66,619	\$ 98,180	\$ 102,069	\$ 3,889	4.0%
Blair MPO	\$ 50,559	\$ 41,496	\$ 44,415	\$ 42,682	\$ 69,059	\$ 72,008	\$ 2,949	4.3%
S Alleghenies RPO	\$ 172,569	\$ 156,280	\$ 147,570	\$ 134,433	\$ 202,597	\$ 220,083	\$ 17,486	8.6%
District 9-0	\$ 309,973	\$ 265,245	\$ 261,069	\$ 243,734	\$ 369,836	\$ 394,160	\$ 24,324	6.6%



LOSS OF BUYING POWER OVER TIME

2015 Buying Power Adjusted For Inflation: Consumer Price Index

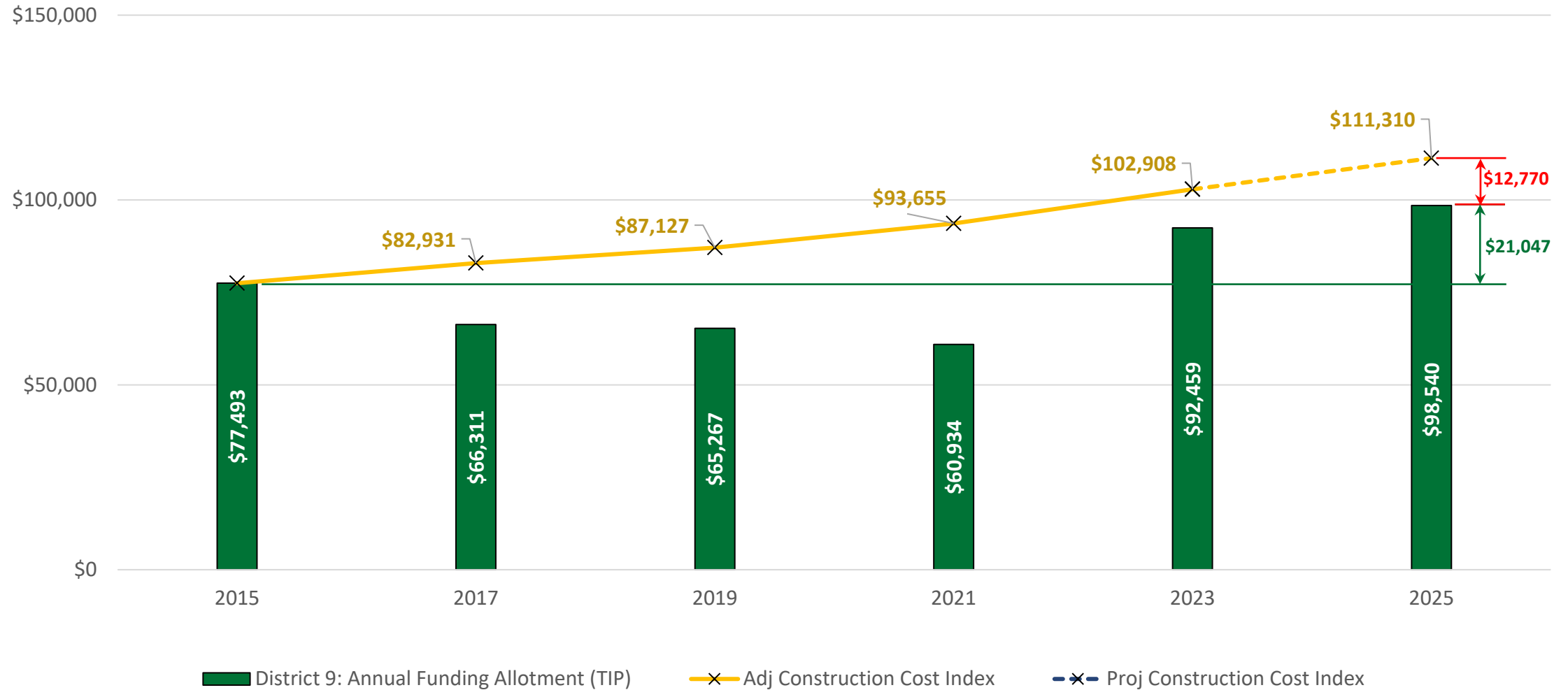


CPI - Measure of average change over time in prices paid by urban consumers for a range of goods and services



LOSS OF BUYING POWER OVER TIME

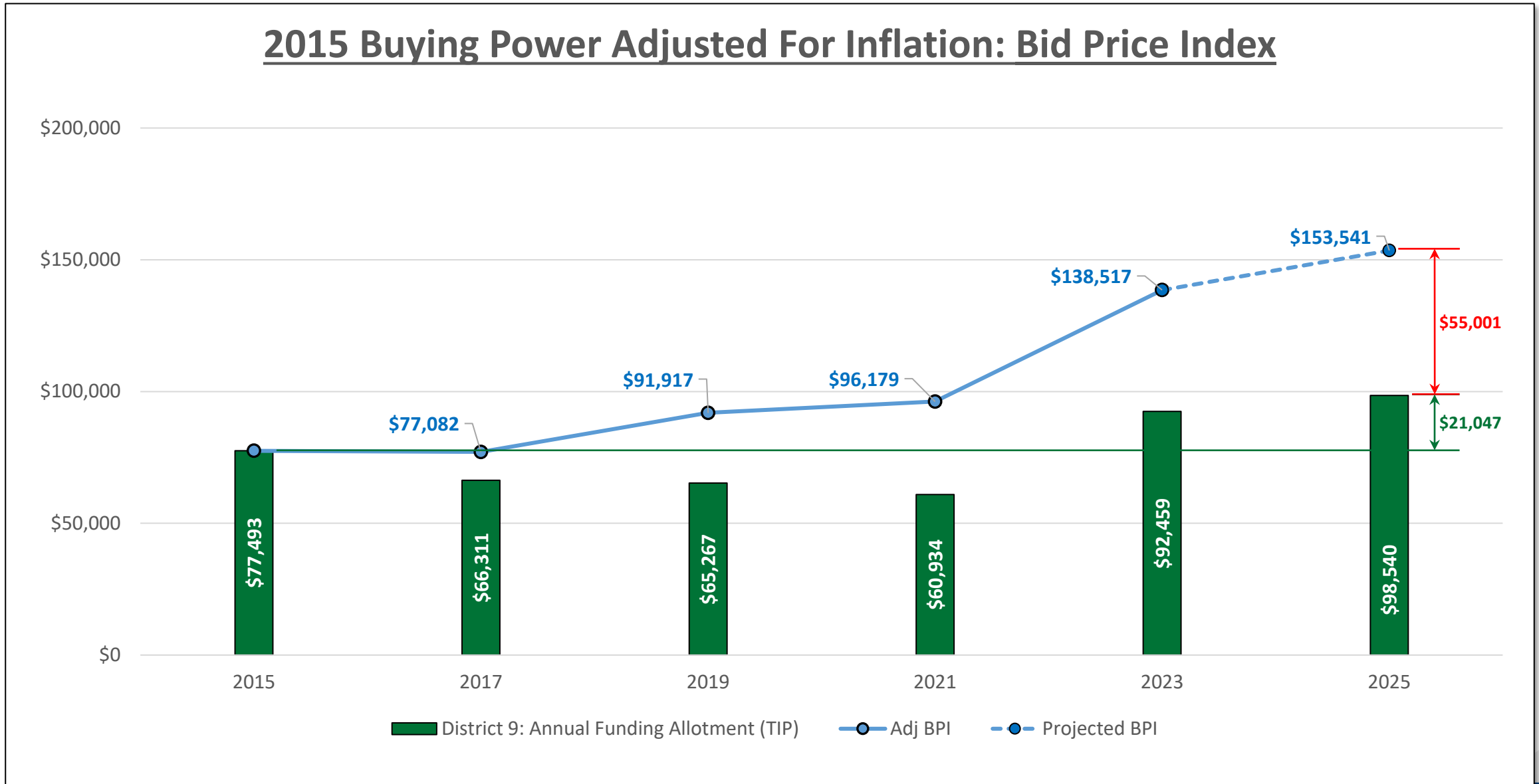
2015 Buying Power Adjusted For Inflation: Construction Cost Index



CCI - Measure of average wage and benefit rates for 20 cities as well as structural steel, bulk portland cement and lumber



LOSS OF BUYING POWER OVER TIME



BPI - Measure of annual cost trends for key PennDOT construction materials: Aggregate, Excavation, Asphalt, Structural Steel, Concrete, Re-Bars



LOSS OF BUYING POWER

Rock Salt

2015 Average price per ton	2024 Average price per ton
\$76.34	\$90.88



Asphalt

2015 Average price per ton	2024 Average price per ton
\$57.95	\$72.83



LOSS OF BUYING POWER

Tandem Plow Truck

2015 Average cost	2024 Average cost
\$166,907	\$317,218



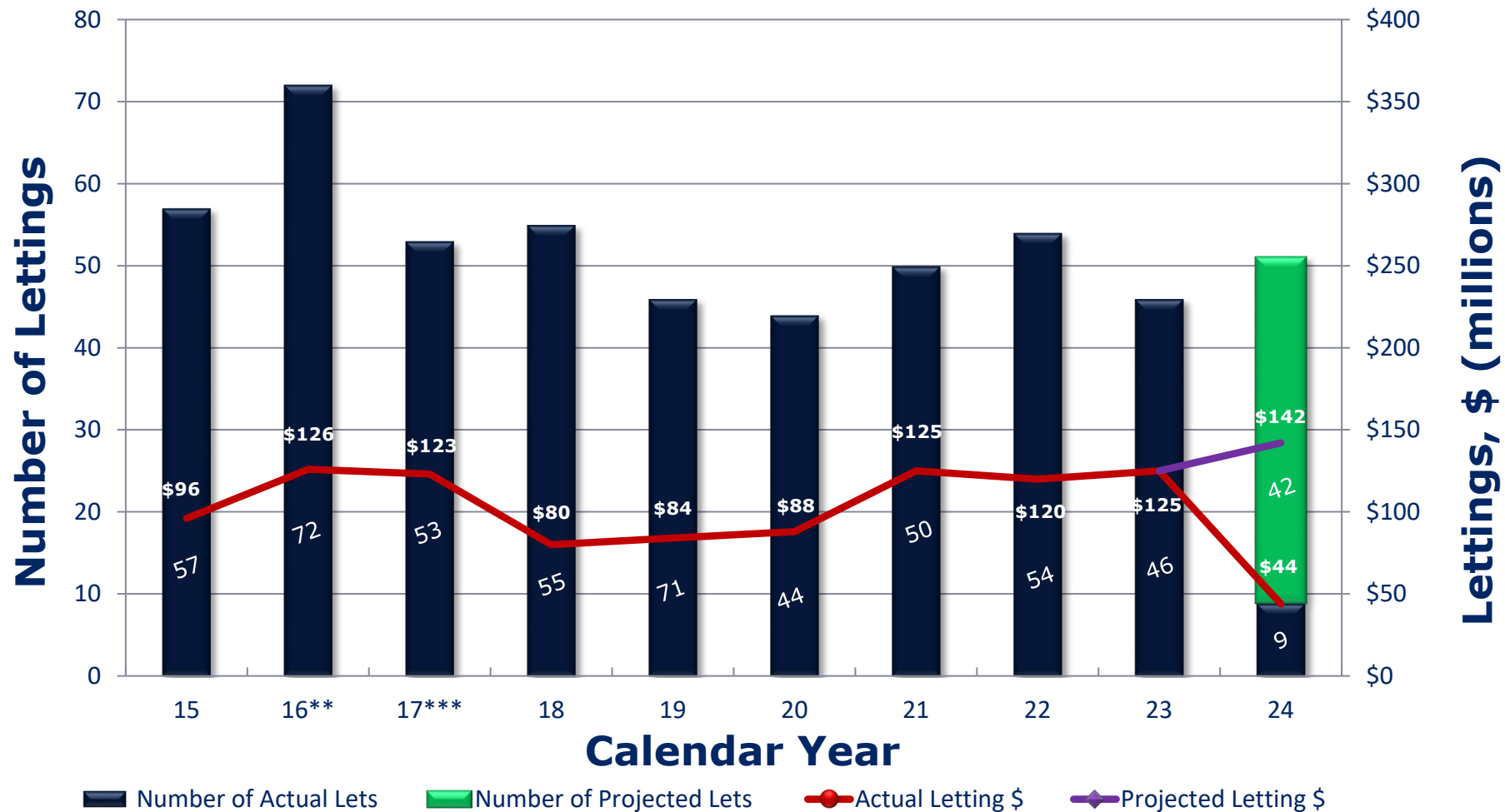
2025 TIP FINANCIAL GUIDANCE

Annual Averages (\$000's)

	Bridge	Roadway	Safety	Other	Total
CCMPO	\$ 9,082	\$ 13,349	\$ 1,102	\$ 1,984	\$ 25,517
BCMPO	\$ 7,955	\$ 8,179	\$ 1,275	\$ 594	\$ 18,002
SARPO	\$ 24,178	\$ 28,203	\$ 1,574	\$ 1,066	\$ 55,021
Total	\$ 41,214	\$ 49,732	\$ 3,951	\$ 3,644	\$ 98,540



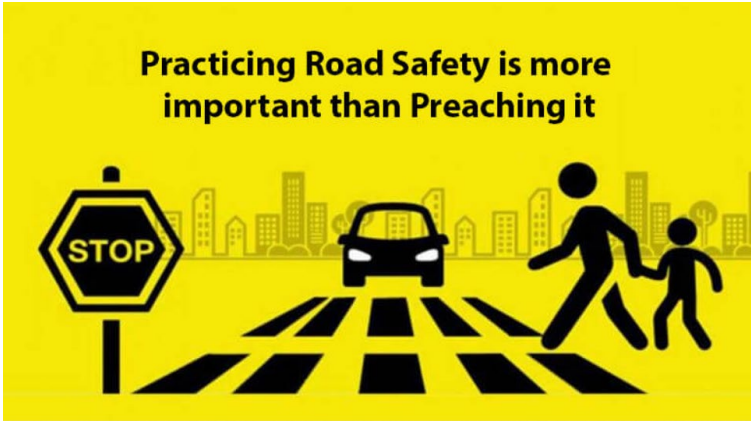
DISTRICT 9-0 PROJECT LETTINGS



** 2016 totals do not include US 219 Somerset to Meyersdale Paving Contract (\$52M)
 *** 2017 totals do not include US 219 ITS Contract (\$1.6M): Includes I-99 (\$27.8M)

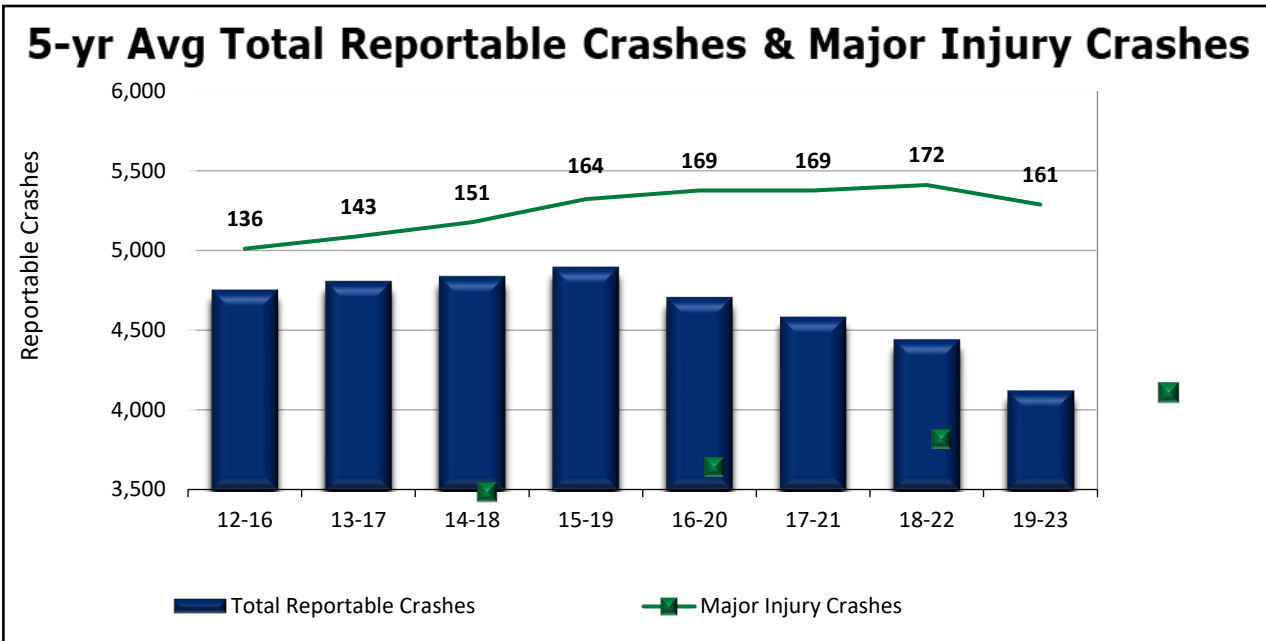
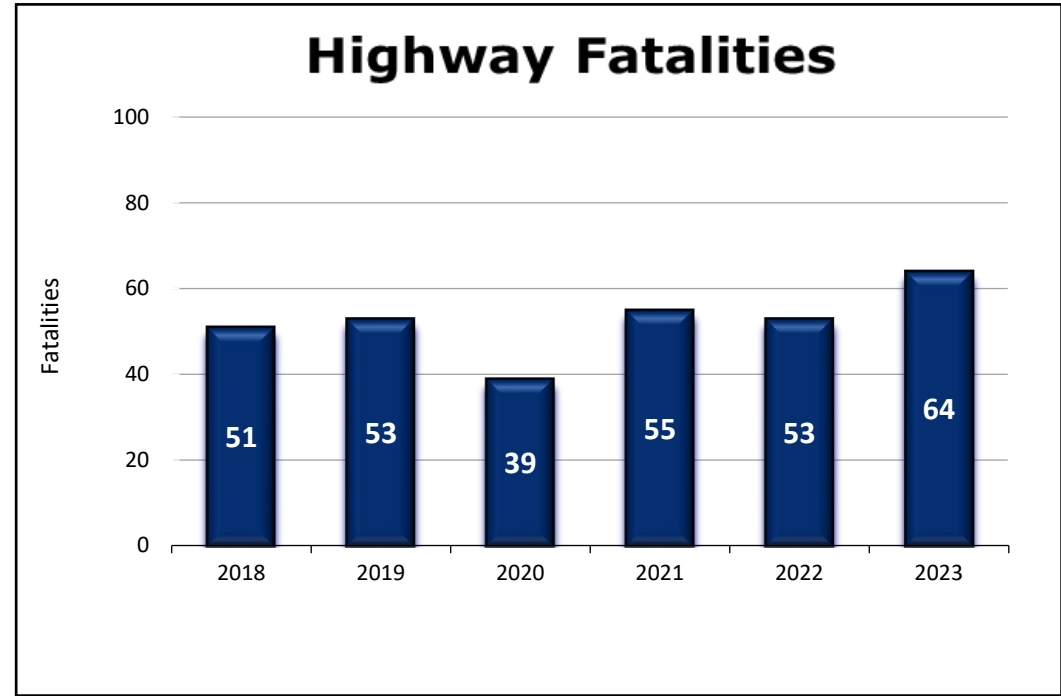


SAFETY

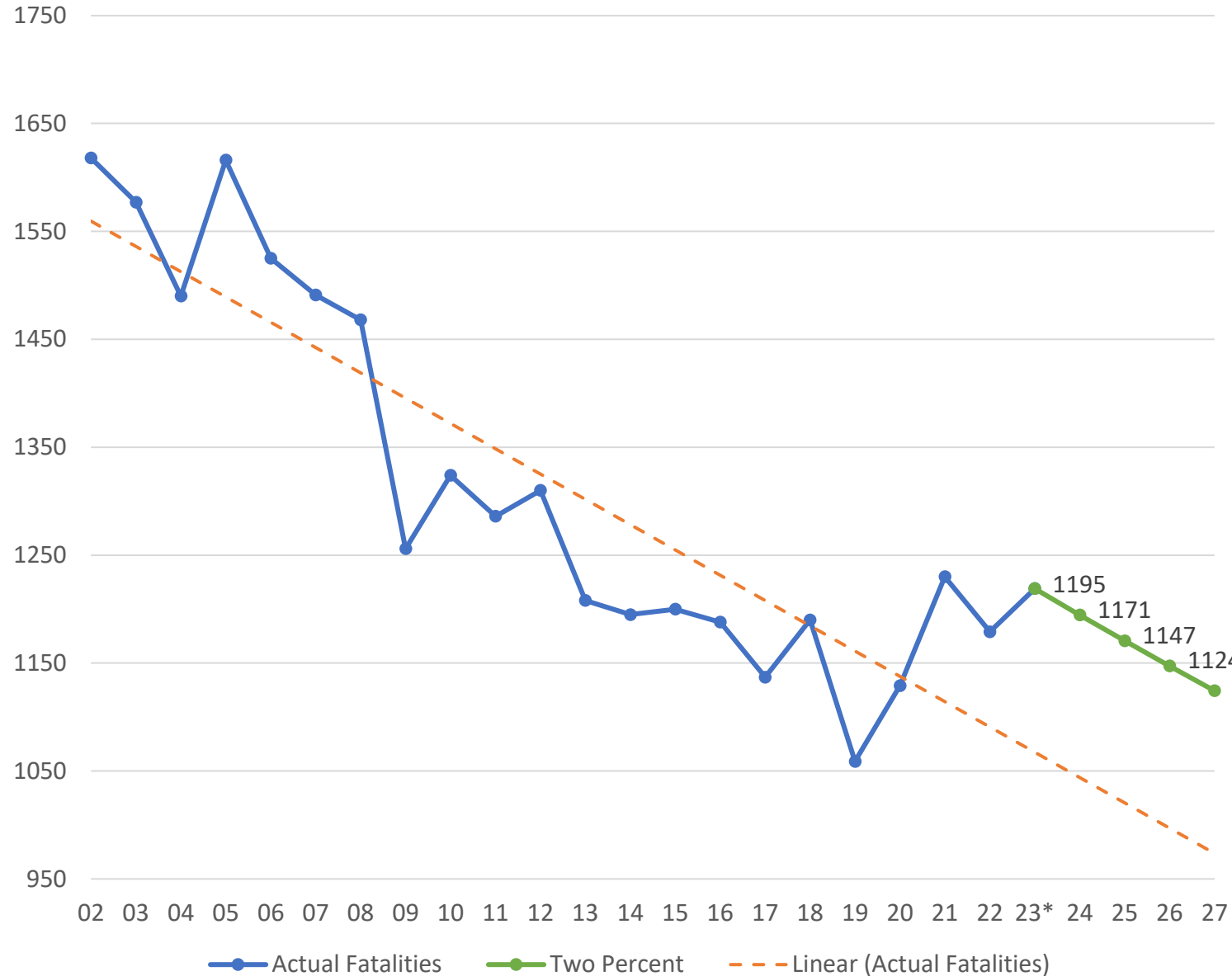


District 9

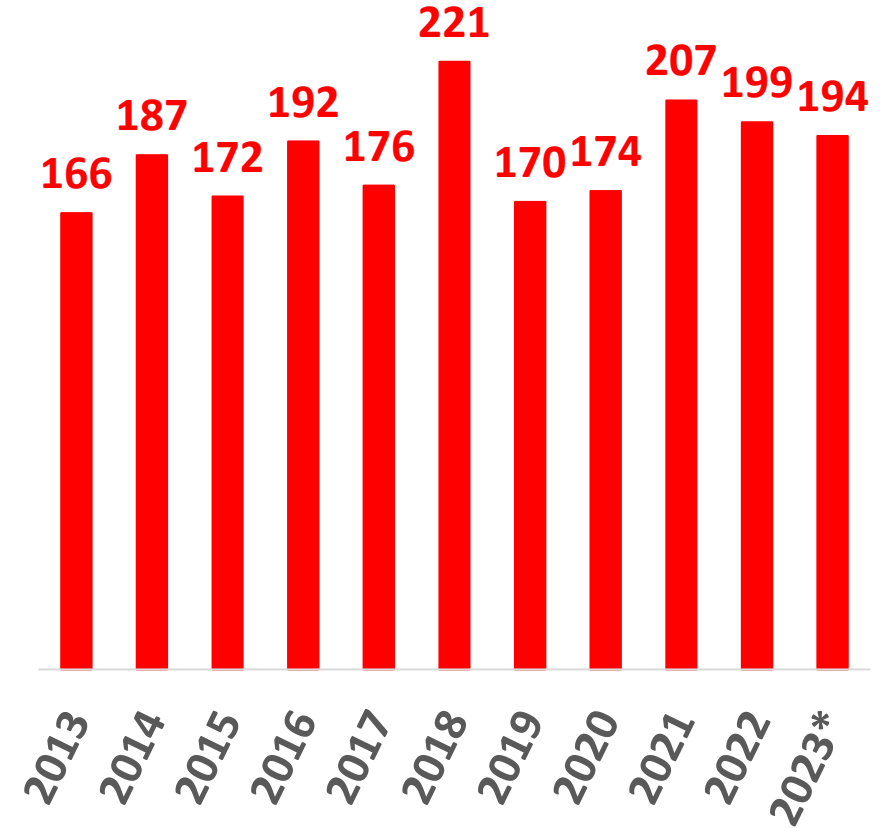
Beginning 2016 injury definitions changed to align with Model Minimum Crash Criteria 4th Edition



FATALITIES - STATEWIDE



Non-Motorized Fatalities



*Reportable crash data for 2023 is not complete



SAFETY

District TTCZ Performance Summary

D9-0				Mobility Metrics					Management Metrics					
2020	Trend from '19	State Avg.												
Safety Metrics				Peak Delay (hr.)		63K		328K	Traffic Control QA/QC		92		90	
TTCZ Crashes per Year		30		129	Non-Peak Delay (hr.)		322K		1,553K	Work Zone Intrusions		10		7.7
Rear-End Crashes		15		50	% Time Queue >1mi.		26%		22%	PSP Assist.		\$65K		\$387K
Veh. Crash Speed over WZSL		32%		28%	TTR: Planning Time Index		1.16		1.20 (on-time arrival TT multiplier)					

TTCZ Crash Location

14

- 20/21
 - Maintenance: 99 Statewide Work Zone Intrusion
 - District 9: 12 with 2 disabling injuries
 - Contractors:
 - District 9: 9 Work Zone Intrusions (2 that required Medical Attention)
- 22/22
 - Maintenance 143 Statewide Work Zone Intrusion
 - District 9: 6 Work Zone Intrusions with No Injuries
 - Contractors:
 - District 9: 4 Work Zone Intrusions (2 that required Medical Attention)
- 23/24
 - Maintenance 154 Statewide Work Zone Intrusion
 - District 9: 15 Work Zone Intrusions with one Injuries



WORK ZONE SPEED SAFETY CAMERAS

- HB 1284 (Act 38)
 - Signed into law December 14, 2023
 - Permanent program February 15, 2024
 - Enhancements to approach signage

WZSSC

- Reduce speeds in work areas
 - Improve driver behavior
 - Save worker and traveler lives
- Complement existing enforcement by PSP
 - Promote work zone safety

www.workzonecameras.penndot.gov



BE SAFE ON OUR ROADWAYS!



AASHTO TransComm 2020 Award: Marketing/Advertising
(Print and Electronic Marketing)



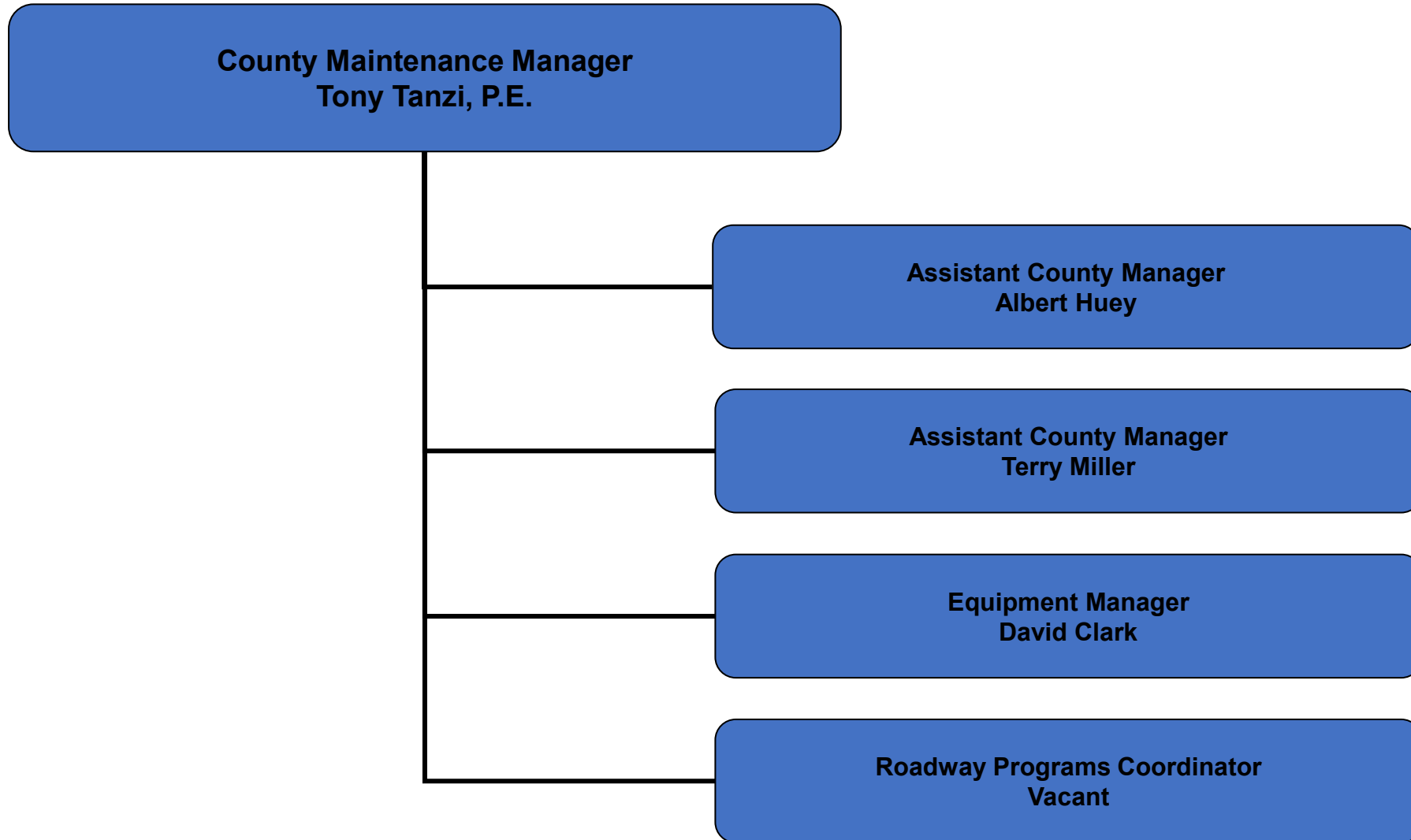


HUNTINGDON COUNTY MAINTENANCE ACTIVITIES

DAVID KAMMERER, P.E., ADE - MAINTENANCE

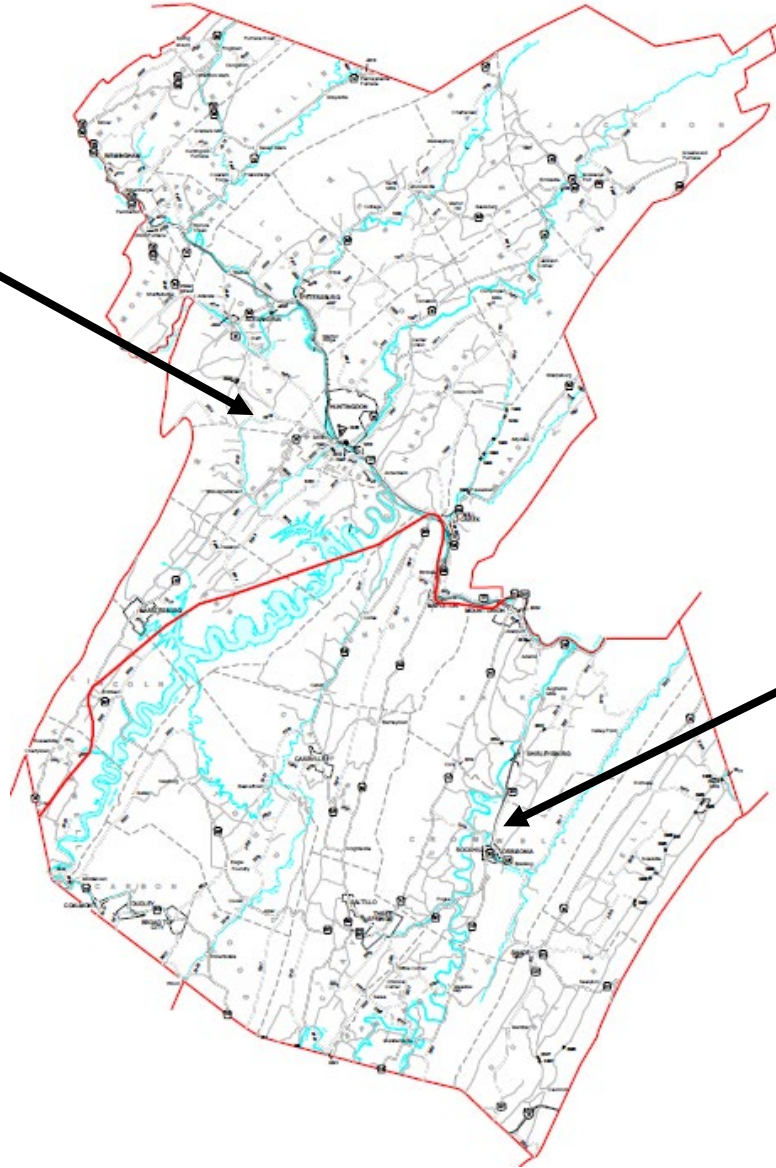
TONY TANZI, P.E., COUNTY MANAGER

HUNTINGDON COUNTY STAFF



WHO TO CONTACT IN YOUR AREA

Terry Miller
814-506-1707
termiller@pa.gov



Al Huey
814-506-1706
ahuey@pa.gov



2023 WINTER AGREEMENTS & 5 YEAR DEPARTMENT HISTORY

2 Winter Municipal Service Agreement Routes
between
Mount Union Borough & Walker Township

Totaling 22.03 Miles

Avg. Rate - \$ 1,272 / mile



5 Year Department Winter Material Usage & Cost*

	2019	2020	2021	2022	2023
SALT (tons)	4,045	5,758	4,770	3,166	2,959
SKID (tons)	3,351	10,042	6,846	5,465	5,121
BRINE (gals)	75,504	226,810	122,651	94,754	79,964
COST (000's)	\$2,212	\$2,843	\$2,700	\$2,533	\$2,463

*as of 3/21/24



2024 Department Force Work Summary

- **Seal Coating**
 - 74.68 miles on 16 routes
 - 364,600 Gallons
 - Estimated Cost = \$1,458,449



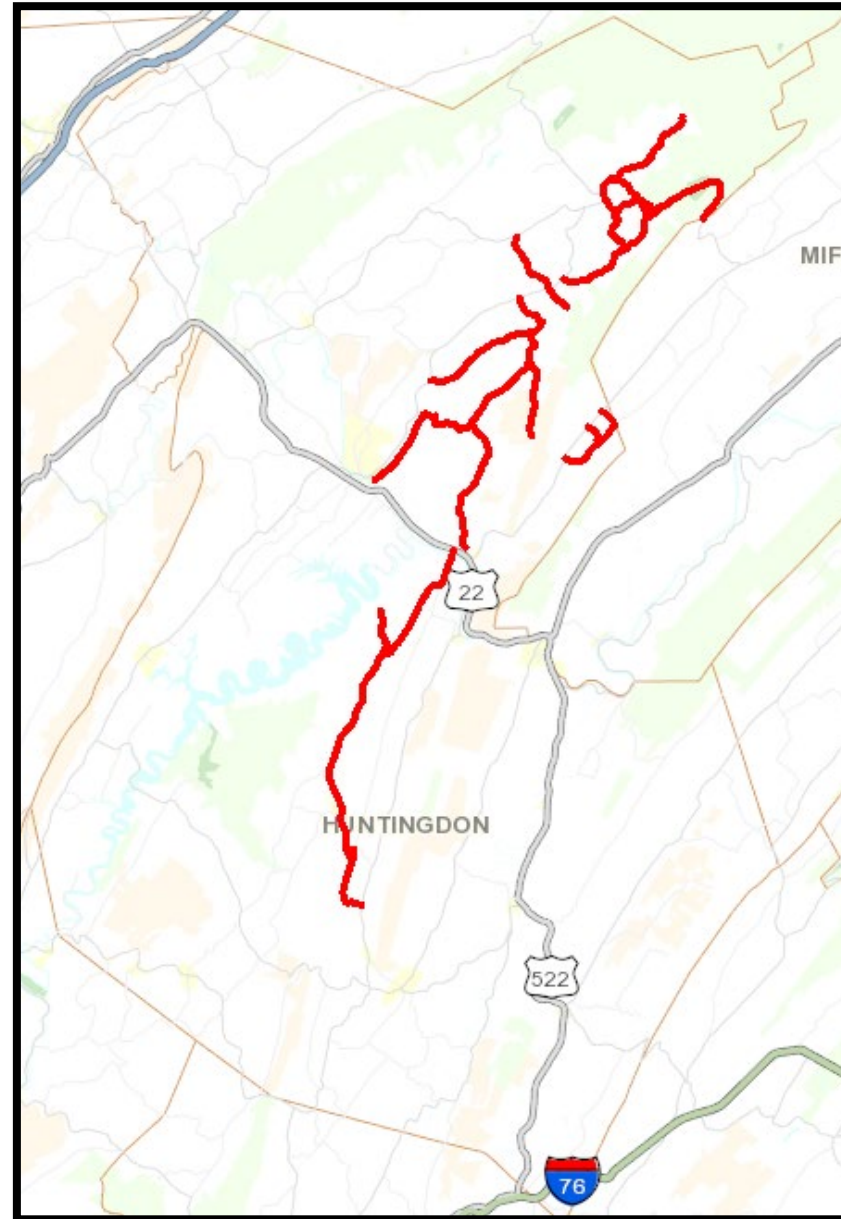
2024 Mill & Fill Contracts Summary

Huntingdon County Mill & Fill #1

- Let Date 7/11/24
- 7,500 tons



2024 DEPARTMENT FORCE SEAL COATING

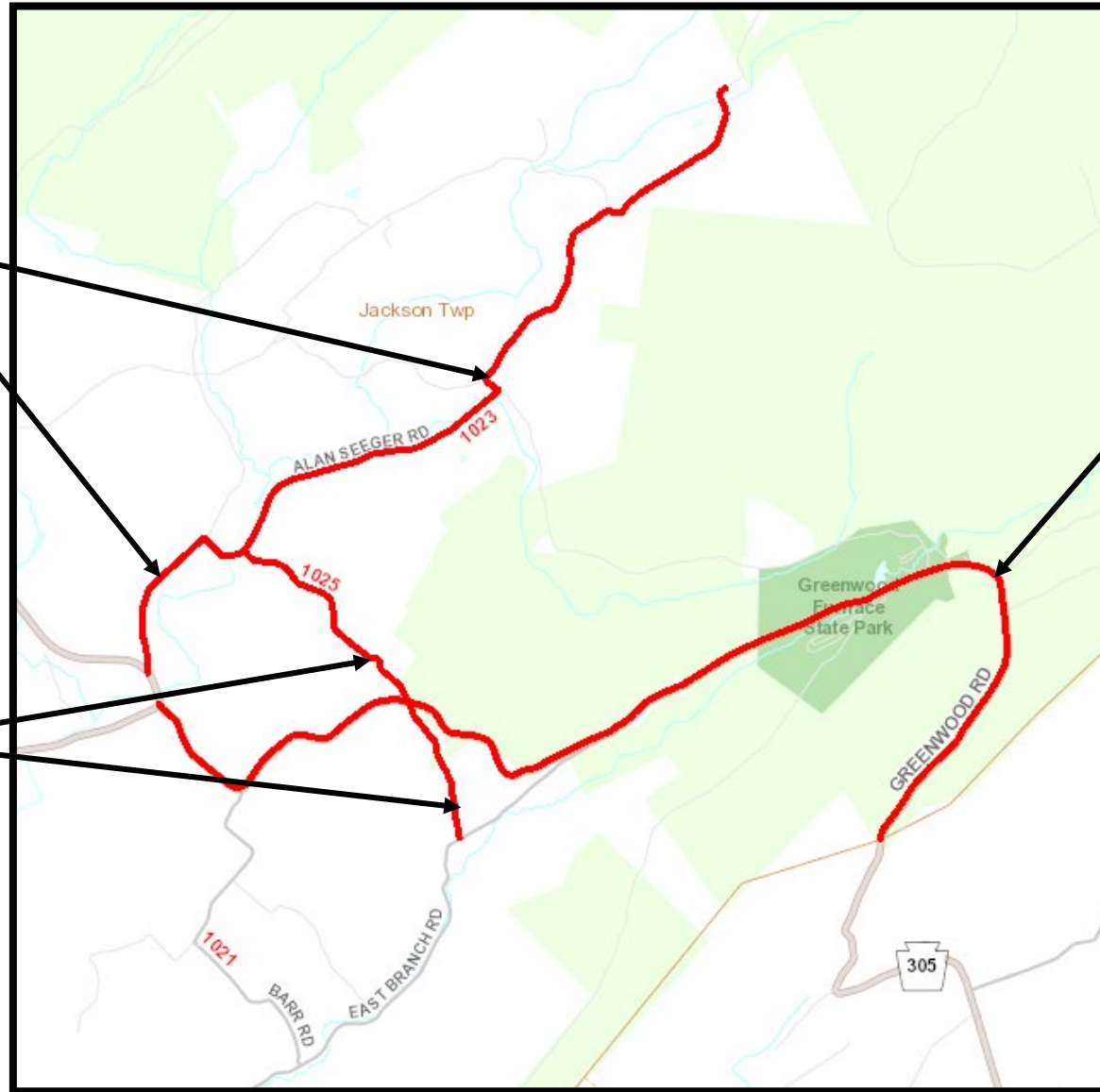


2024 DEPARTMENT FORCE SEAL COATING

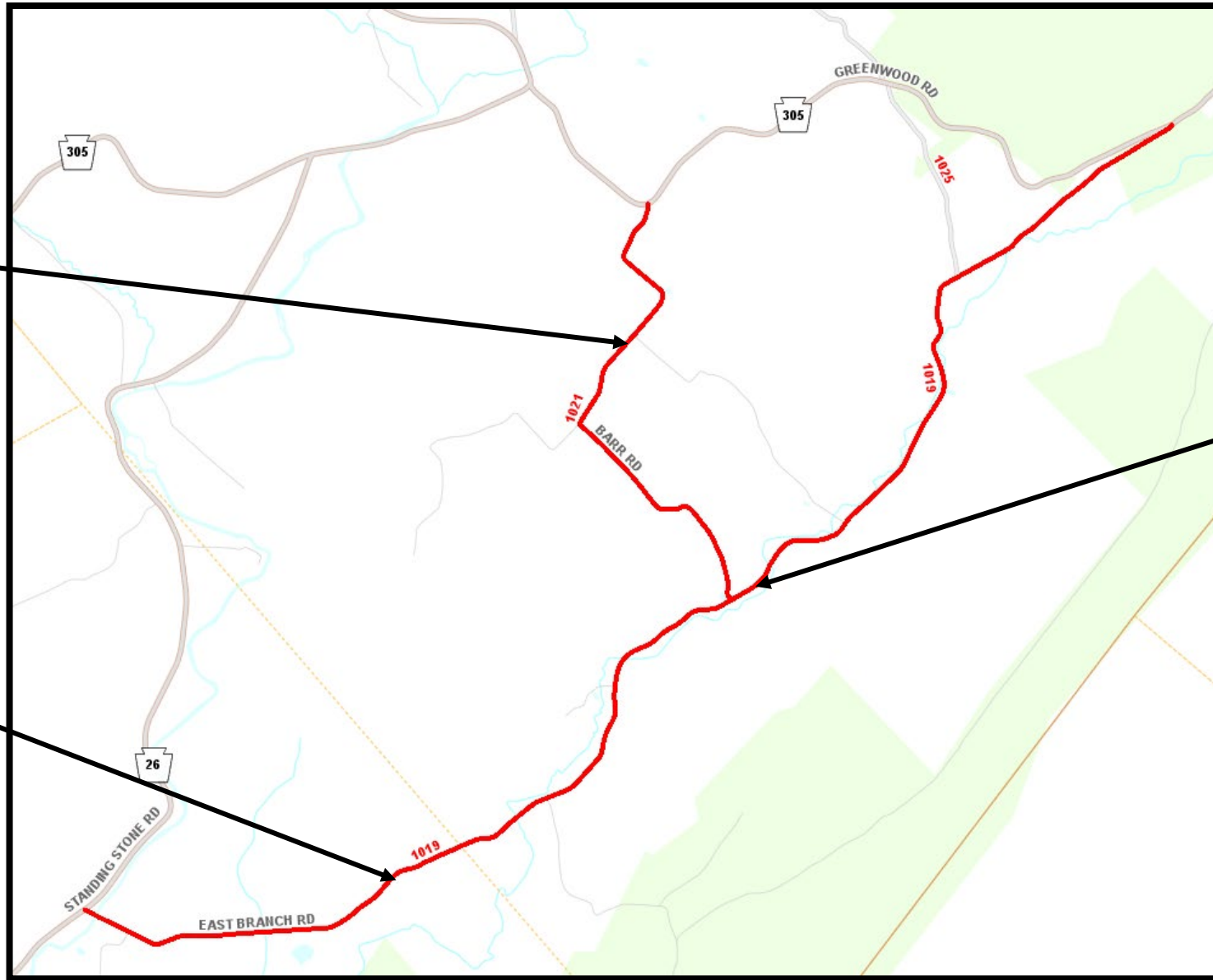
Jackson Twp
Route 1023
Alan Seeger Road
5.06 miles

Jackson Twp
Route 1025
Weiler Road
2.05 miles

Jackson Twp
Route 305
Greenwood Road
6.93 miles



2024 DEPARTMENT FORCE SEAL COATING



Jackson Twp
Route 1021
Barr Road
1.93 miles

Jackson Twp
Route 1019
East Branch Road
4.07 miles

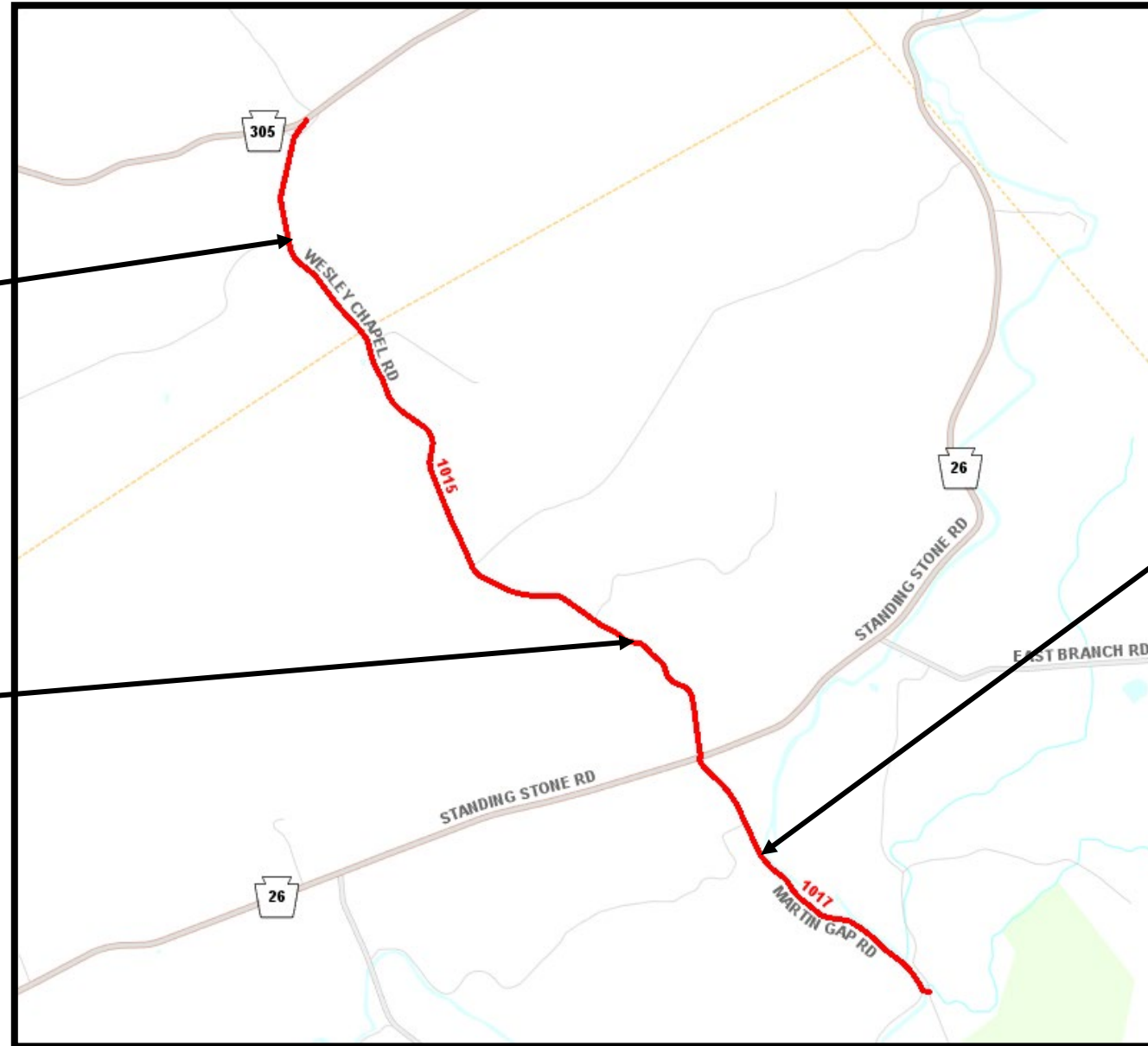
Miller Twp
Route 1019
East Branch Road
1.55 miles



2024 DEPARTMENT FORCE SEAL COATING

Barree Twp
Route 1015
Wesley Chapel Road
0.77 miles

Miller Twp
Route 1015
Wesley Chapel Road
1.90 miles

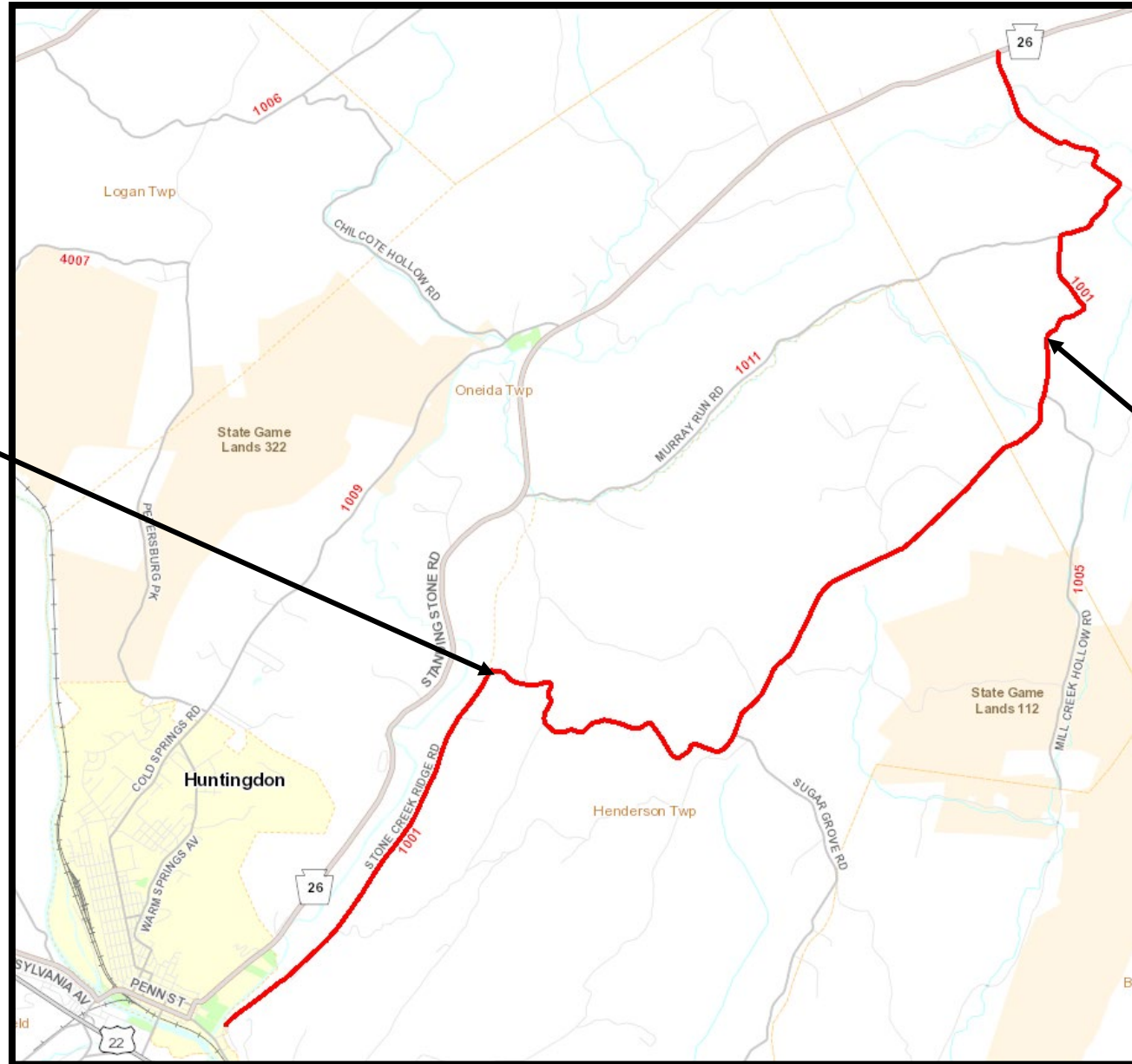


Miller Twp
Route 1017
Martin Gap Road
1.07 miles



2024 DEPARTMENT FORCE SEAL COATING

Henderson Twp
Route 1001
Stone Creek Ridge Road
8.81 miles



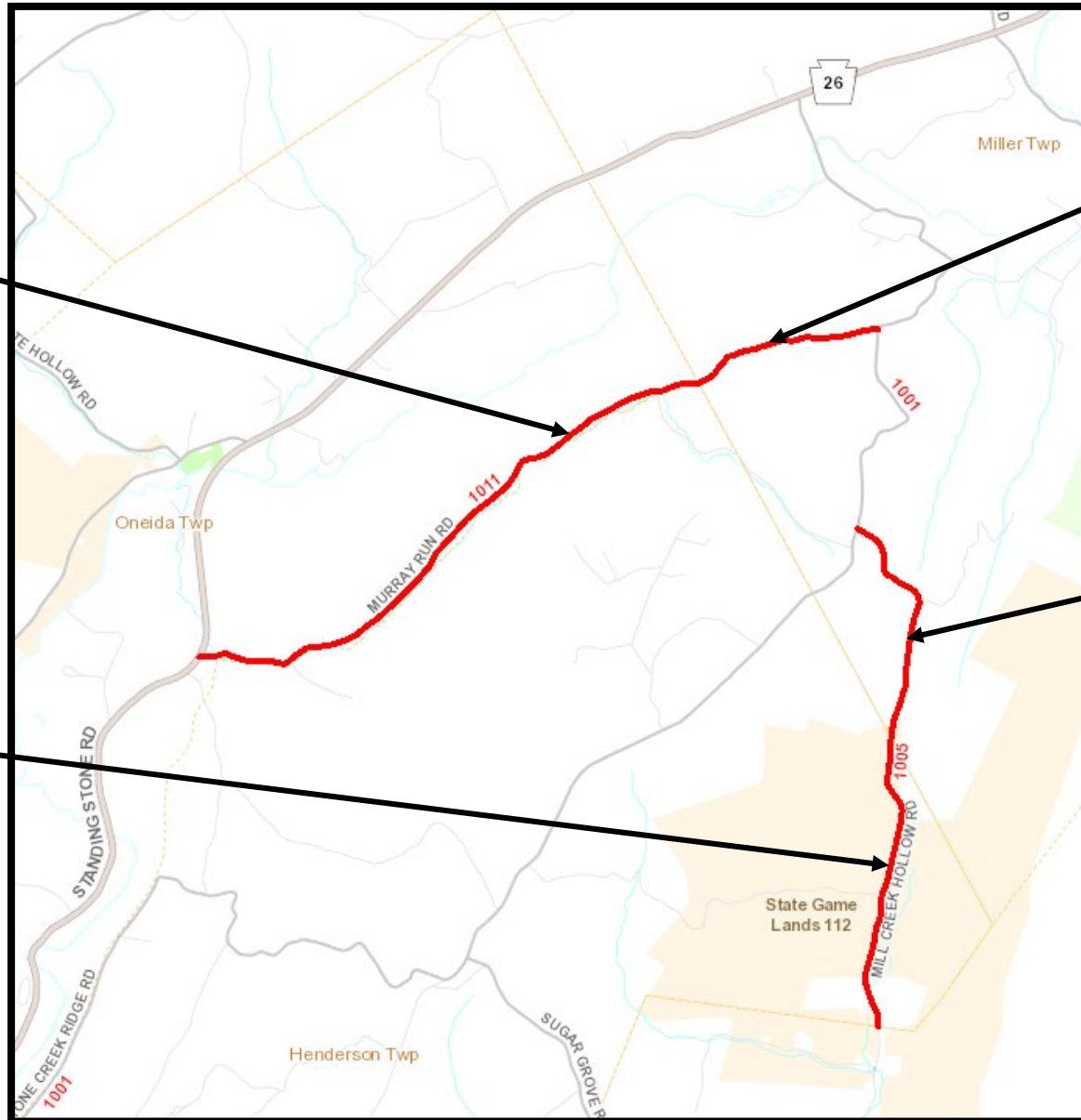
Miller Twp
Route 1001
Stone Creek Ridge Road
3.95 miles



2024 DEPARTMENT FORCE SEAL COATING

Oneida Twp
Route 1011
Murray Run Road
3.51 miles

Henderson Twp
Route 1005
Mill Creek Hollow Road
1.76 miles

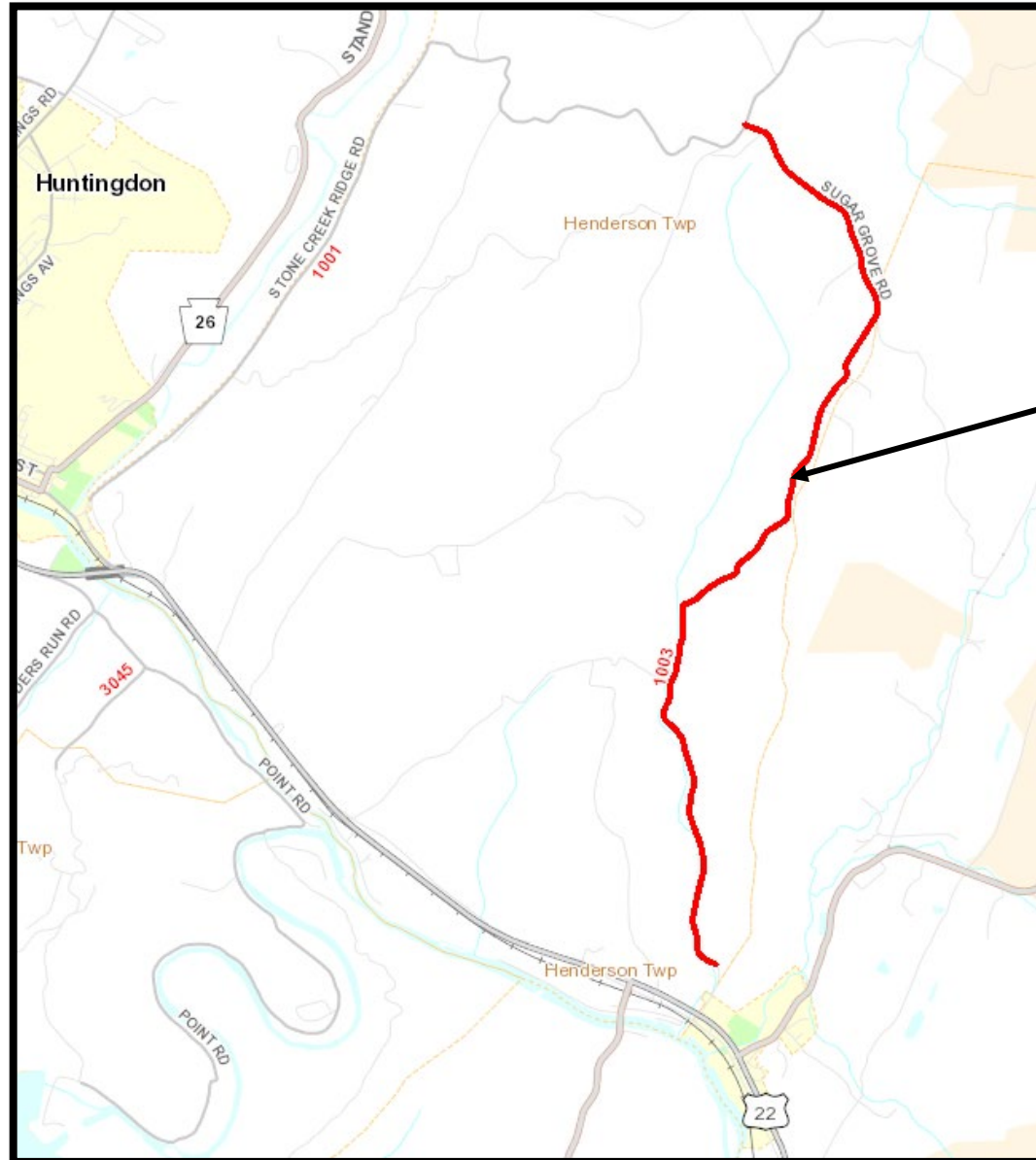


Miller Twp
Route 1011
Murray Run Road
1.13 miles

Miller Twp
Route 1005
Mill Creek Hollow Road
1.39 miles



2024 DEPARTMENT FORCE SEAL COATING

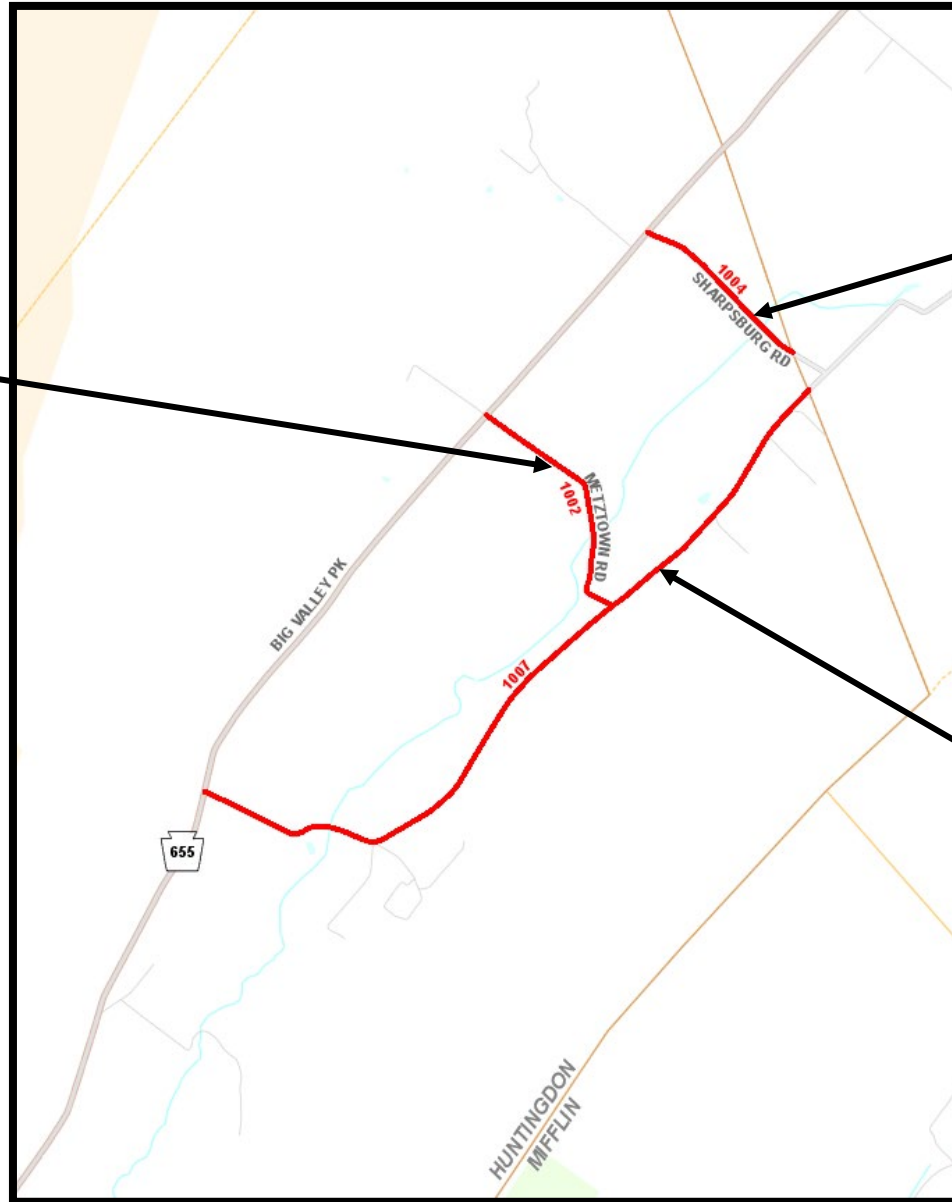


Henderson Twp
Route 1003
Sugar Grove Road
5.66 miles



2024 DEPARTMENT FORCE SEAL COATING

Brady Twp
Route 1002
Metztown Road
0.84 miles



Brady Twp
Route 1004
Sharpsburg Road
0.63 miles

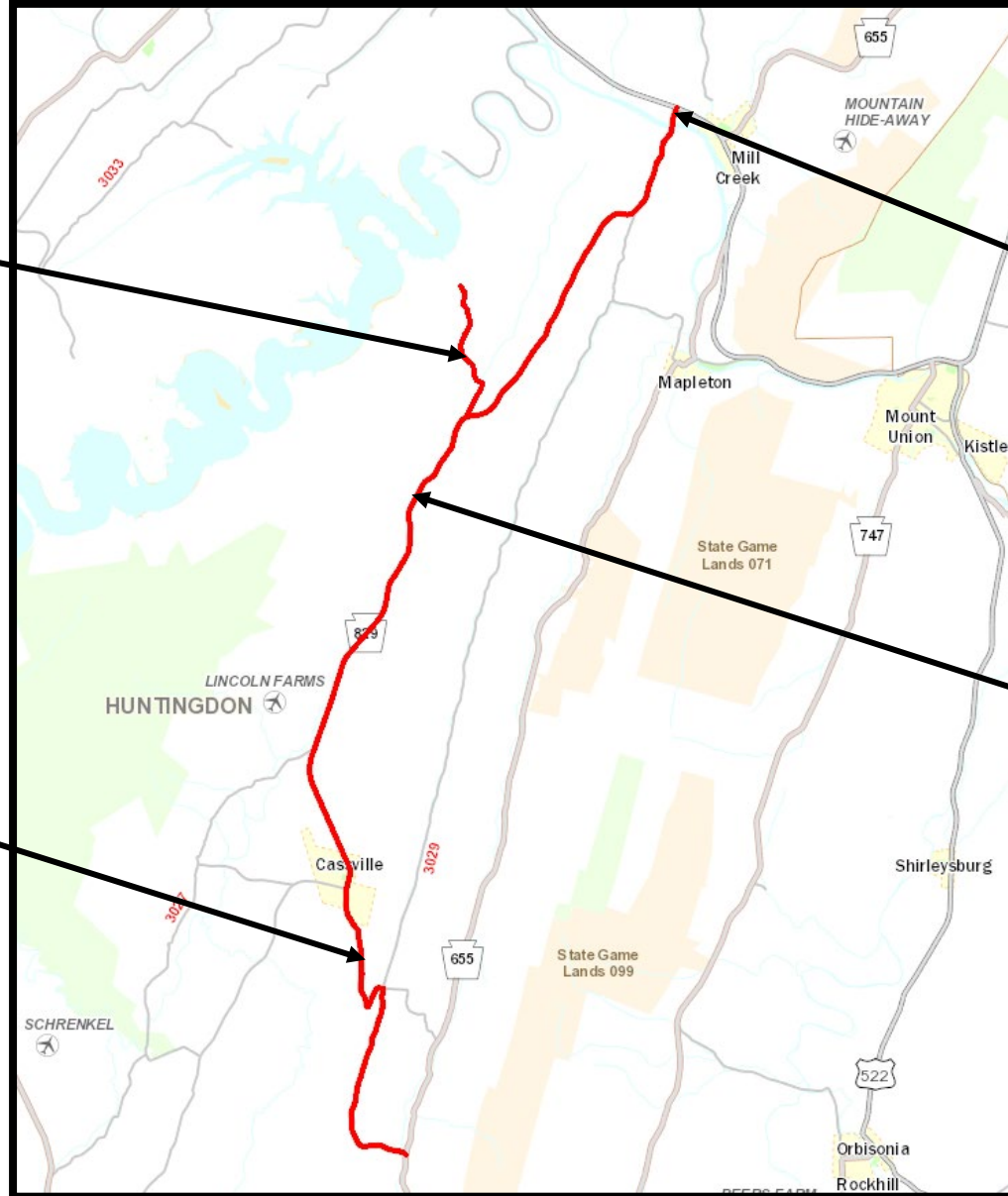
Brady Twp
Route 1007
Front Mountain Road
2.66 miles



2024 DEPARTMENT FORCE SEAL COATING

Union Twp
Route 3051
Hawns Bridge Road
1.97 miles

Cass Twp
Route 829
Trough Creek Valley Pike
7.65 miles



Henderson Twp
Route 829
Trough Creek Valley Pike
0.2 miles

Union Twp
Route 829
Trough Creek Valley Pike
9.19 miles



AGILITY AGREEMENTS

No active work plans are in place at this time.



Possible Activities

- Sign Replacements
- Crack Sealing
- Line Painting
- Shoulder Cutting
- Pipe Replacement & Flushing



ADDITIONAL COUNTY ACTIVITIES

Patching

Guiderail Repairs and Upgrades

Sign Replacements

Crack Sealing

Shoulder Cutting

Bridge Maintenance

Pipe Replacement & Flushing

Mowing



QUESTIONS?

**THANK YOU
FOR YOUR ATTENTION!**



HUNTINGDON COUNTY OVERVIEW

JAMES T. PRUSS, JR., P.E.
ASSISTANT DISTRICT EXECUTIVE - DESIGN

TRANSPORTATION PLANNING PROCESS

Long Range Transportation Plan (LRTP)

- 20 Years
- Updated every 5 years (4 years in Cambria County)
- Fiscally constrained

Twelve Year Plan (TYP)

- 12 years
- First four years is the TIP
- Updated every two years
- Fiscally constrained

Transportation Improvement Program (TIP)

- 4 years
- Updated every two years
- Fiscally constrained

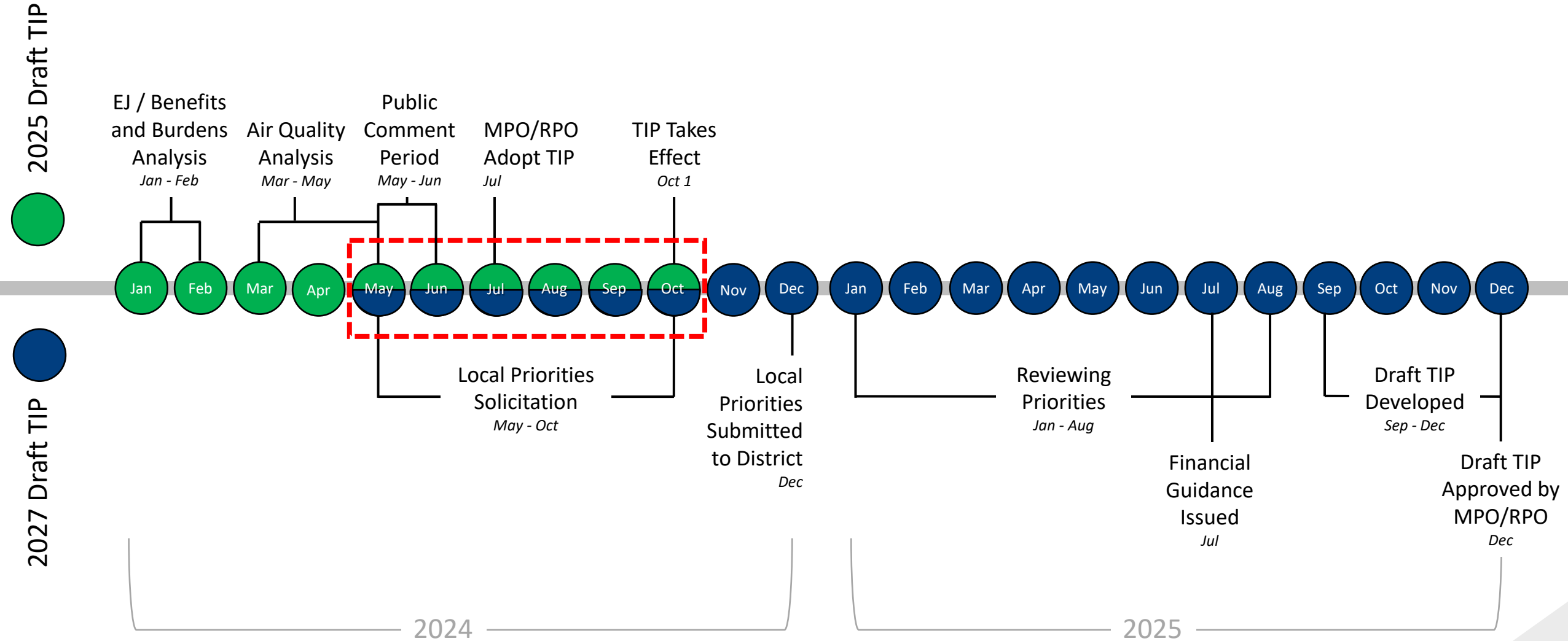


TRANSPORTATION IMPROVEMENT PROGRAM

- Detail of every project over the next 4 years
- Federal Eligibility Requirements
- 1st 4-years of Twelve Year Program
- Updated every 2 years
 - Typically solicit new projects in even years
 - TIP adoption in even years
- Developed and managed by Metropolitan and Rural Planning Organizations
- Fiscally constrained by year
- Public Involvement requirements



TIP DEVELOPMENT TIMELINE



TRANSPORTATION IMPROVEMENT PROGRAM

- Public Input
 - TYP input is solicited bi-annually through the State Transportation Commission in odd years
 - TIP project needs are solicited via MPOs/RPOs/Counties
 - Schedules and procedures differ by region
- Types of issues solicited include:
 - Local Bridges
 - Drainage
 - Safety
 - Congestion
 - Bike/Ped



TRANSPORTATION IMPROVEMENT PROGRAM

Local Bridge Eligibility & Funding

- Structures greater than 20' are eligible for federal funding with a 5% local match
 - Scope is dependent on Sufficiency Rating
- Structures 8' to 20' are eligible for state funding only with a 20% local match

Pub 740 Policy Changes

- PennDOT can now take leadership role in project development
- Bridge bundling for multi sponsor contracts
- Bundled projects do not require Bridge Bill/Capital Budget



PENNDOT CONNECTS

IT ALL BEGINS WITH PLANNING



How PennDOT Connects Works

PennDOT and our planning partners meet with local governments to discuss details for each project prior to developing project scopes and cost estimates

PennDOT is...

Investing in a community with each project

Involving communities at the beginning of the planning process

Learning what elements may be important to include in the project to support a community's vision



COMMUNITY AND LOCAL GOVERNMENT ASSISTANCE

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



[Google: "PennDOT Community and Local Assistance"](#)



ADDITIONAL RESOURCES

Transportation Improvement Program (TIP)	FUNDING OPPORTUNITIES	Transportation Alternatives Set-Aside (TASA)
<p>Overview</p> <p>Fiscally constrained program of transportation improvements</p> <ul style="list-style-type: none">• Partners include Metropolitan & Rural Planning Organizations• 1st four years of the Twelve-Year Program (TYP)• Updated every other year• Multimodal – includes all modes – highways, bridges, public transit, aviation, rail & bike/ped <p>For more info - Google: PennDOT TIP</p>	<p>Multimodal Transportation Fund (MTF)</p> <p>\$40 million to PennDOT annually, with \$35 million allocated to highway and bridge-related projects and \$5 million available for projects that propose improvements to any mode.</p> <ul style="list-style-type: none">• Awards must be matched by eligible local funding of at least 30% of the amount awarded• Awards are time limited. Sponsors have one year after accepting award to execute reimbursement agreement, which expires three years after execution• Applicants should coordinate project scope, purpose, & need with local authorities, planning region, and PennDOT Engineering District prior to application development and submission• Grants are available for projects with total cost of \$100,000 not to exceed \$3,000,000 <p>Eligibility</p> <ul style="list-style-type: none">• Municipality• Council of Governments• Business/Non-profit• Economic Development Organization• Public Transportation Agency• Ports or Rail/Freight Entity <p>Qualifying Activities</p> <p>Funds may be used for the development, rehabilitation & enhancement of transportation assets including:</p> <ul style="list-style-type: none">• streetscapes• lighting• sidewalk enhancement• pedestrian safety• connectivity of transportation assets• transit oriented development <p>Please note that PennDOT's multimodal program is separate from the Multimodal Transportation Fund administered by the Commonwealth Financing Authority.</p> <p>For more info - Google: PennDOT MTF</p> <p>Contact: RA-PDMultimodalFund@pa.gov</p>	<p>Categories of Eligibility</p> <ul style="list-style-type: none">• Bicycle & Pedestrian Facilities• Bicycle & Pedestrian Education• Rails to Trails• Construction of Turnouts, Overlooks, and Viewing Areas• Preservation & Rehab of Historic Transportation facilities• Vegetation Management• Archaeological Activities• Storm Water Management• Wildlife Mortality Mitigation• Vulnerable Road User Assessment Activity <p>Sponsor Eligibility</p> <ul style="list-style-type: none">• Local Governments• Regional transportation authorities• Transit agencies• Natural Resource or public land agencies, including federal agencies• School districts, local education agencies, or schools• Tribal Governments• MPOs with <200,000 population• Non-profit entities <p>Funding</p> <ul style="list-style-type: none">• Federal cost share program, not a grant program• Projects are funded at 100% of the construction cost• Minimum of \$50,000, maximum of \$1,500,000• Project sponsor is responsible for pre-construction costs <p>For more info - Google: PennDOT TASA</p> <p>Contact: RA-pdTASA@pa.gov or 717-775-3276</p> 
<p>Transportation Infrastructure & Investment Fund (TIIF)</p> <p>A reserve of \$25 million per year in state funds set aside for transportation improvements aimed at improving Pennsylvania's transportation system related to economic development opportunities. Decisions on how to utilize this funding are at the discretion of the Governor and/or the Secretary of Transportation.</p>		
<p>Marcellus Legacy Fund- Act 13</p> <ul style="list-style-type: none">• Impact fee to the Highway Bridge Improvement Restricted Account in the Motor License Fund• Used to fund replacement or repair of locally owned (county; municipal), at-risk deteriorated infrastructure• Fund distributed based on county population (minimum \$40,000) <p>Contact: ra-Act13@pa.gov</p> <p>For more info - Google: PUC Act 13 Impact Fund</p>		



ADDITIONAL INFORMATION

For additional information on TIP Priorities:

Laurie Nearhood

Planning Director

Huntingdon County Planning Commission

814-643-5091

lnearhood@huntingdoncounty.net



EMERGENCY CONTRACT

PA 103 EMERGENCY SLIDE



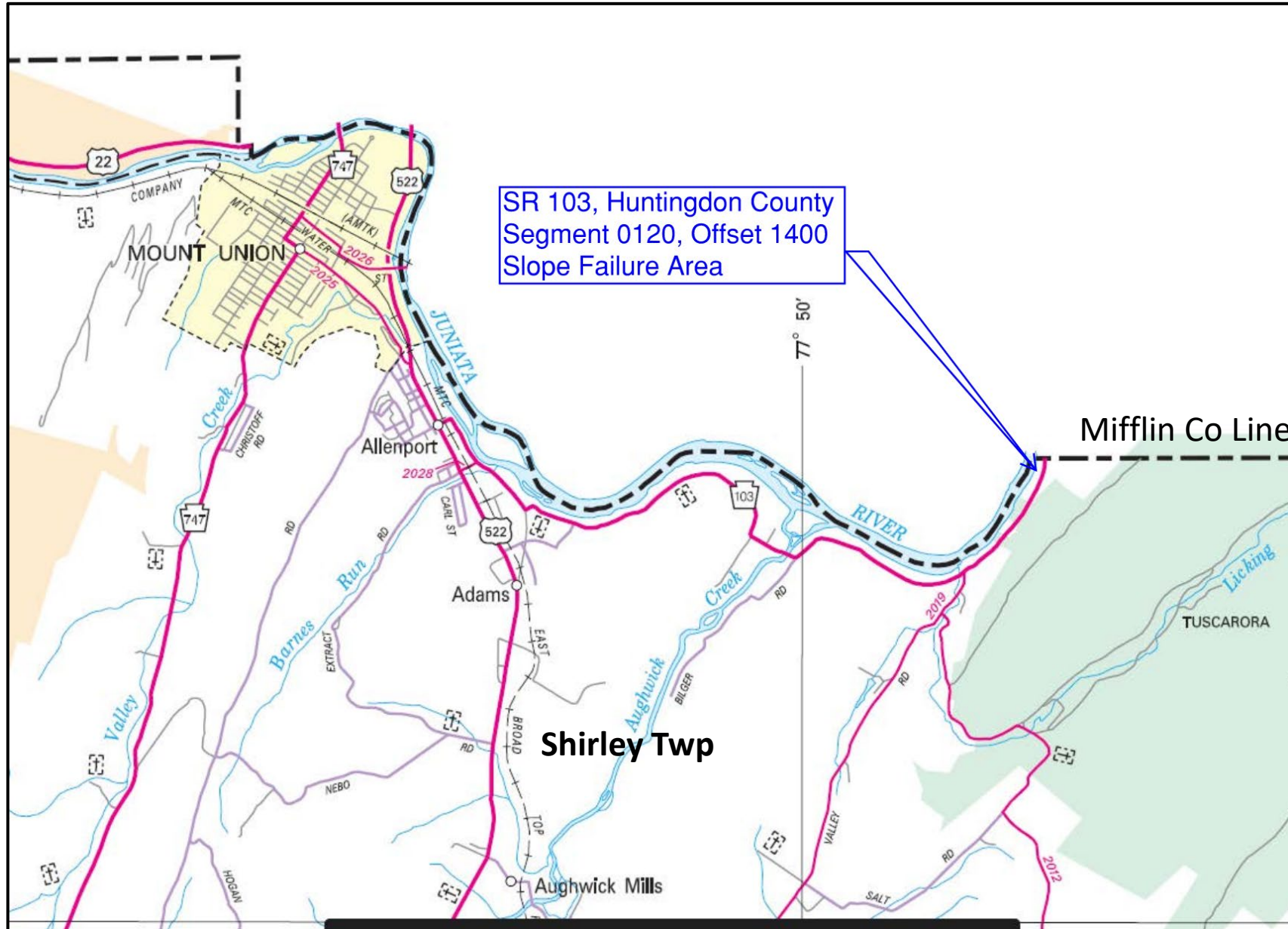
- **Road closed on Wednesday, April 3rd due to slope failure (near Mifflin Line)**
- **Followed heavy rain from March 31st - April 4th**
- **Emergency Declaration Approved:** April 8, 2024
- **Scope:** Rock buttress/slope
- **Traffic Control:** Detour
- **Target Repair Timeframe:** April 22nd to May 10th
 - Timeframe dependent on right-of-way, funding, and permitting
- **Contractor:** Grannas Bros., Inc.
- **Construction Estimate:** \$350,000



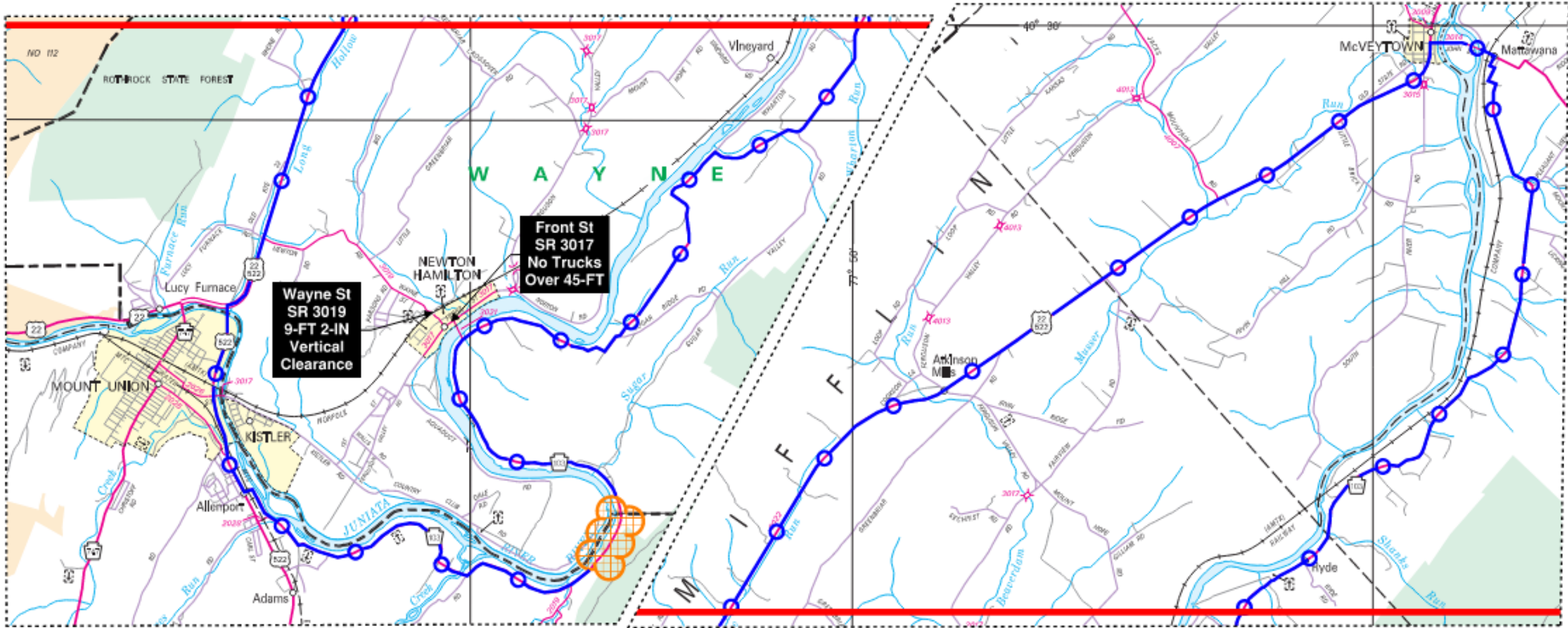
PA 103 EMERGENCY SLIDE



PA 103 EMERGENCY SLIDE



SR 103 EMERGENCY SLIDE



Detour Length: 30-Miles



AWARDED CONTRACTS

PA 994 TATMAN RUN BRIDGE



- **Scope:** Bridge replacement
- **Traffic Control:** Single lane temporary roadway with signal
- **Construction Timeframe:** April – October 2024
- **Contractor:** Kukurin Contracting, Inc.
- **Current Contract:** \$1,703,000



PA 994 TATMAN RUN BRIDGE



PA 994 Tatman Run Bridge
Todd Township

Little Valley Road

S ALLEGHENIES HFST AND SIGNAL

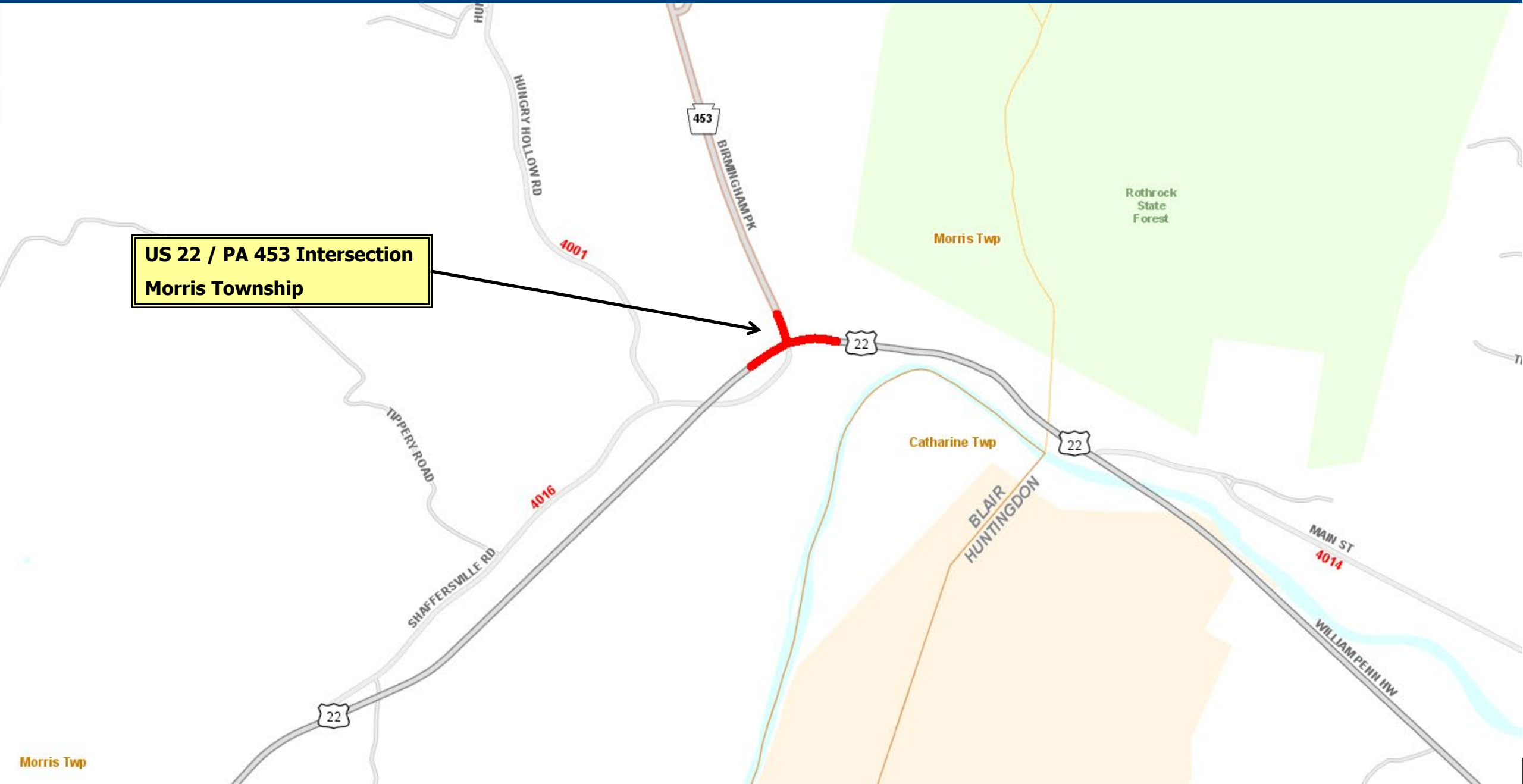


- **Scope:** Placement of High Friction Surface Treatment (HFST) and signal enhancements in Bedford, Fulton, Huntingdon and Somerset counties
- **Traffic Control:** Daylight flagging
- **Construction Timeframe:** April – October 2024
- **Contractor:** RAM Construction Services of Michigan, Inc.
- **Current Contract:** \$3,441,194



S ALLEGHENIES HFST AND SIGNAL ENHANCEMENT

**US 22 / PA 453 Intersection
Morris Township**



2023 SA BRIDGE EPOXY OVERLAY



- **Scope:** Bridge preservations (4 structures)
- **Traffic Control:** Daylight flagging
- **Construction Timeframe:** May – July 2024
- **Contractor:** Mekis Construction Corporation
- **Current Contract:** \$1,031,738



2023 SA BRIDGE EPOXY OVERLAY

**Route 22 (William Penn Highway) over Frankstown Branch Juniata River
Porter Township**

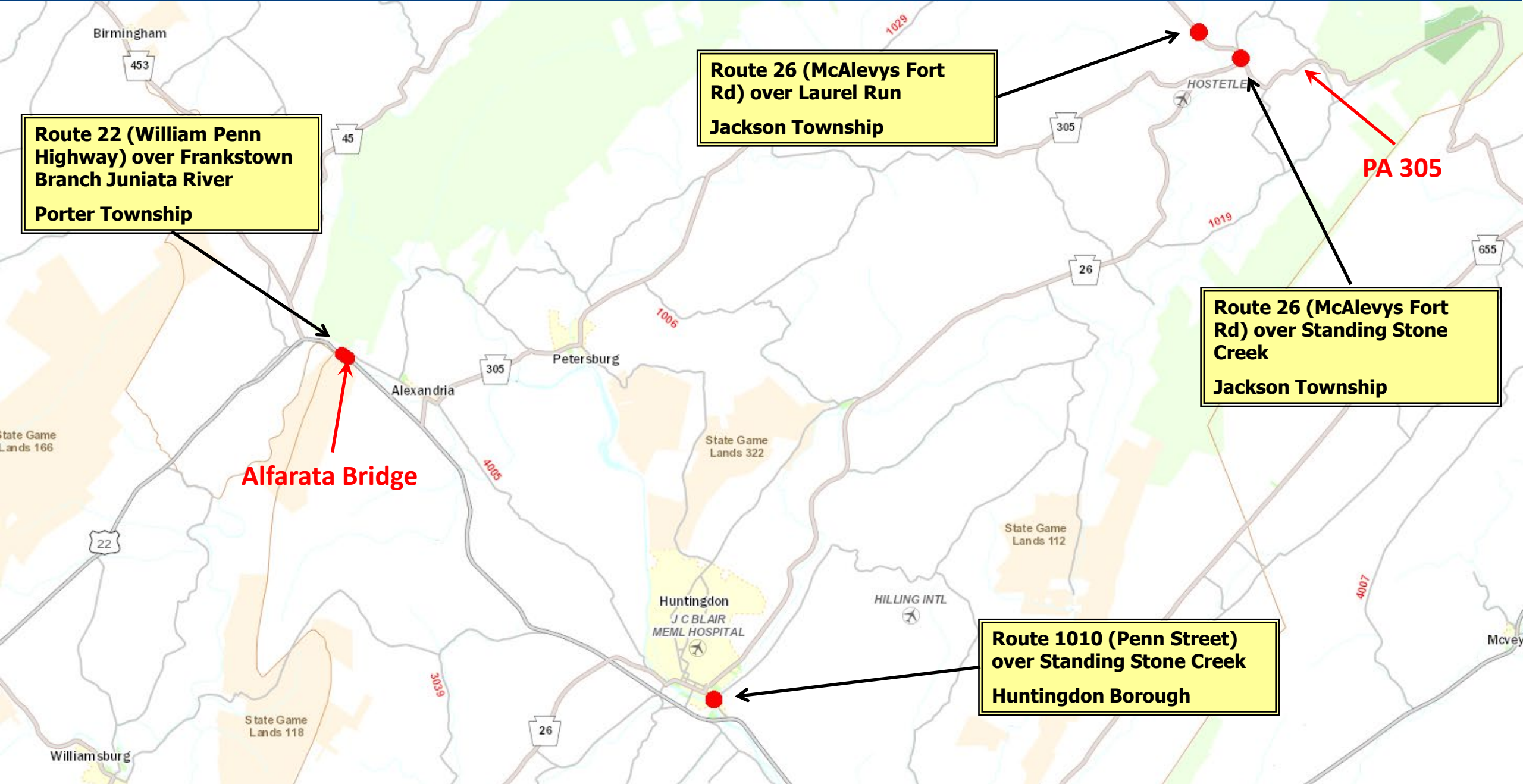
**Route 26 (McAlevys Fort Rd) over Laurel Run
Jackson Township**

**Route 26 (McAlevys Fort Rd) over Standing Stone Creek
Jackson Township**

**Route 1010 (Penn Street) over Standing Stone Creek
Huntingdon Borough**

Alfarata Bridge

PA 305



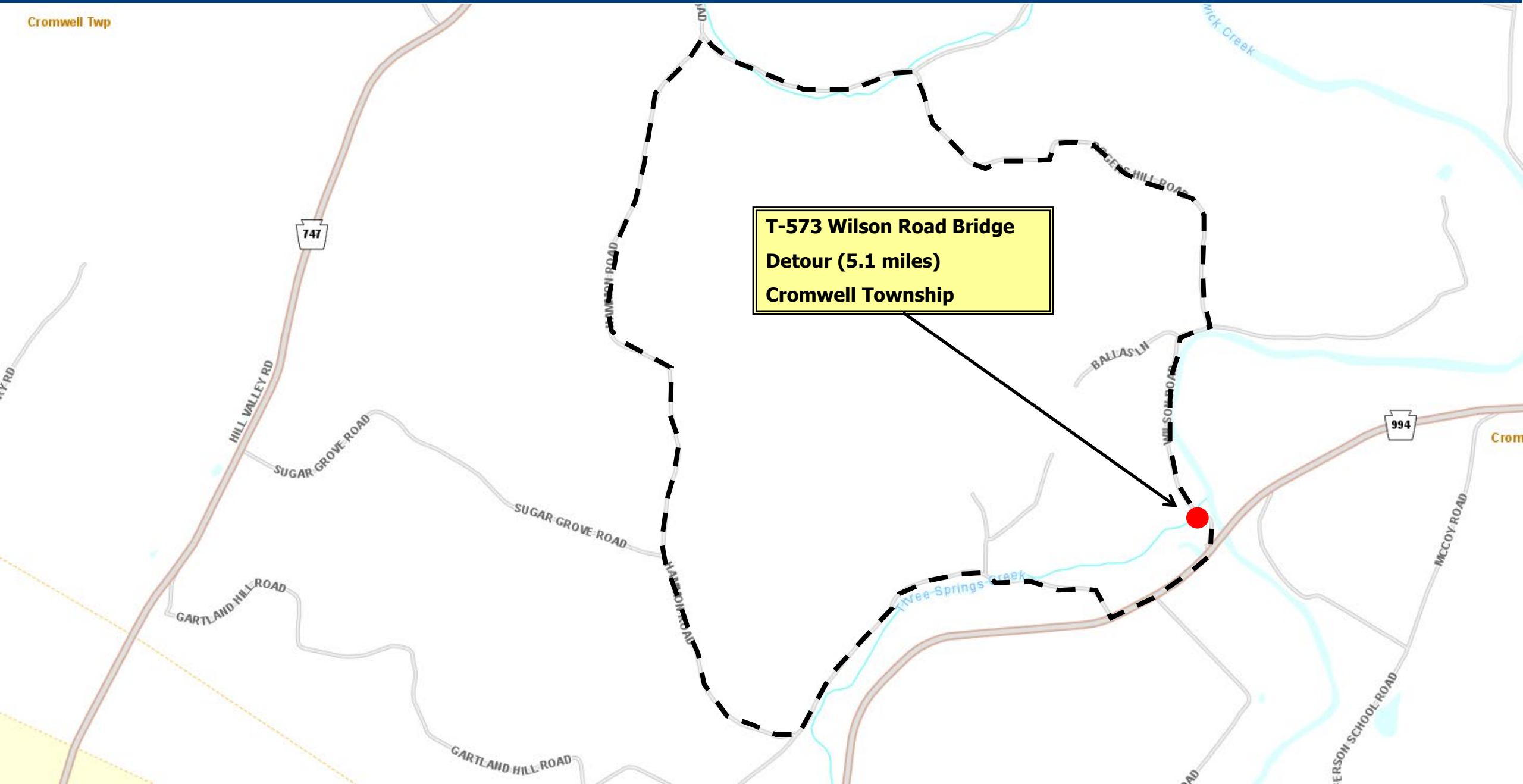
T-573 WILSON ROAD BRIDGE



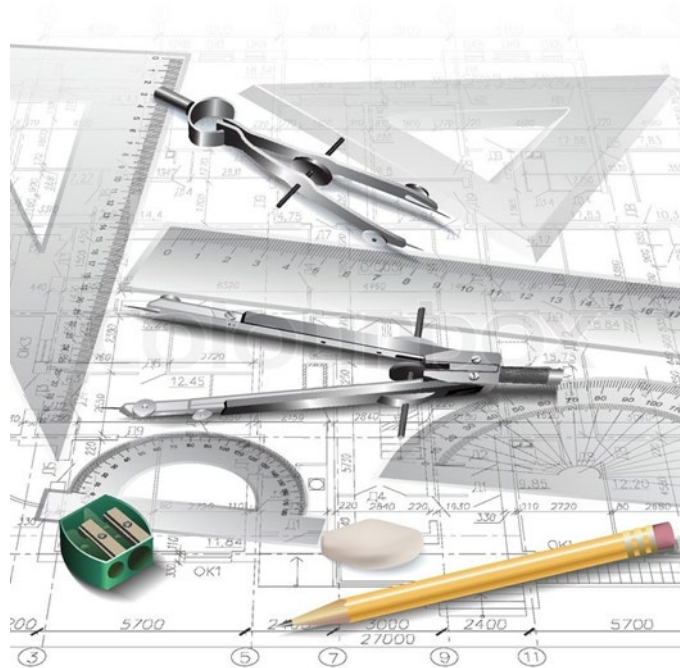
- **Scope:** Bridge replacement
- **Traffic Control:** Detour (5.1 miles)
- **Construction Timeframe:** June - October 2024
- **Detour Implementation Date:** June 2024
- **Anticipated Date Detour to be Lifted:** October 2024
- **Contractor:** Jay Fulkroad & Sons Inc.
- **Current Contract:** \$813,278



T-573 WILSON ROAD BRIDGE



Current Design Projects



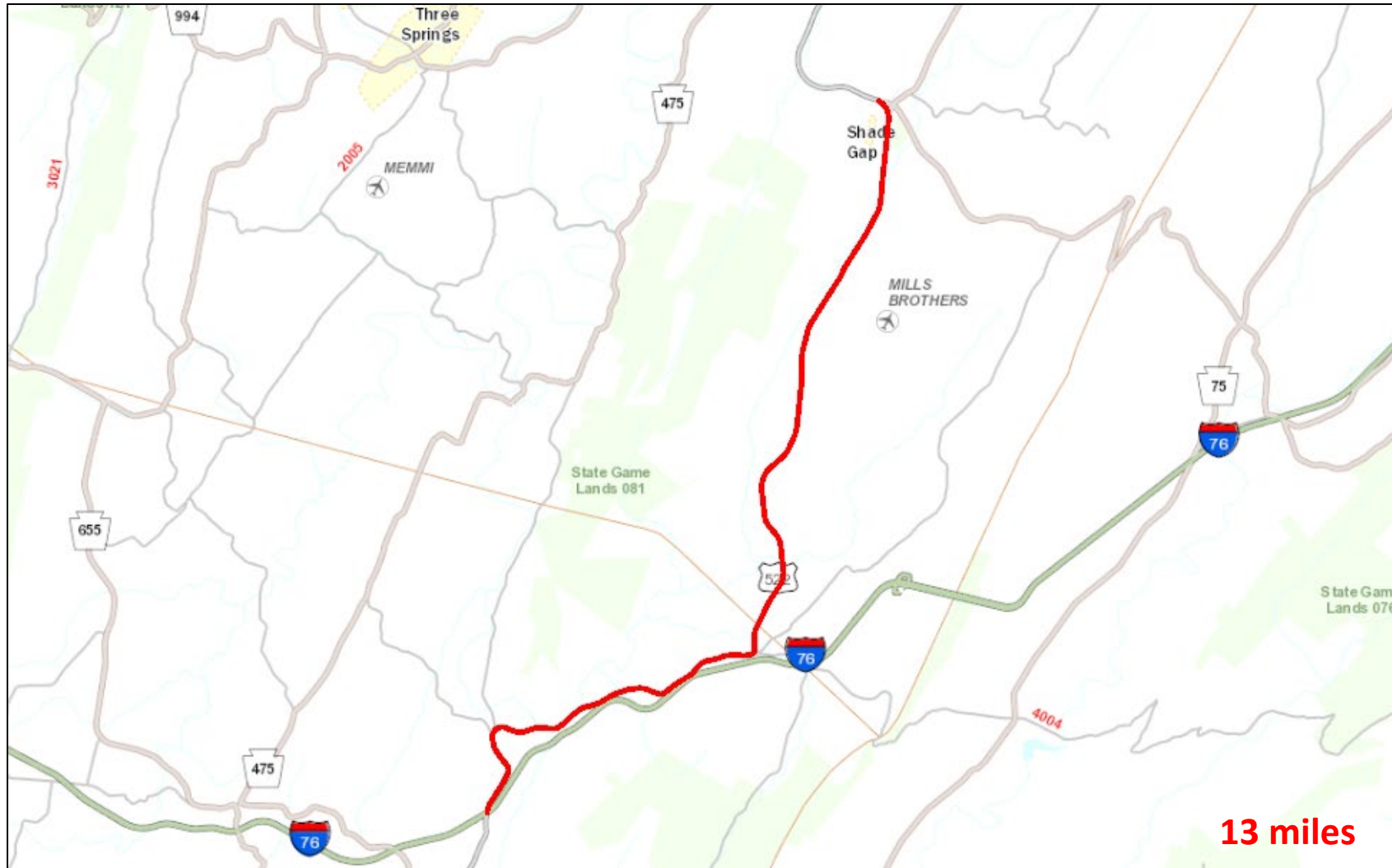
US 522 - PA 35 / SHADE GAP TO PA TURNPIKE STUDY



- **Project Type:** Corridor Study
- **Location:** US 522 (Croghan Pike/Great Cove Road) from PA 35 (Shade Valley Road) to the Pennsylvania Turnpike in Dublin Township, Huntingdon and Fulton Counties.
- **Cost Estimate:** \$250,000
- **Completed:** May 2023



US 522 - PA 35 / SHADE GAP TO PA TURNPIKE STUDY



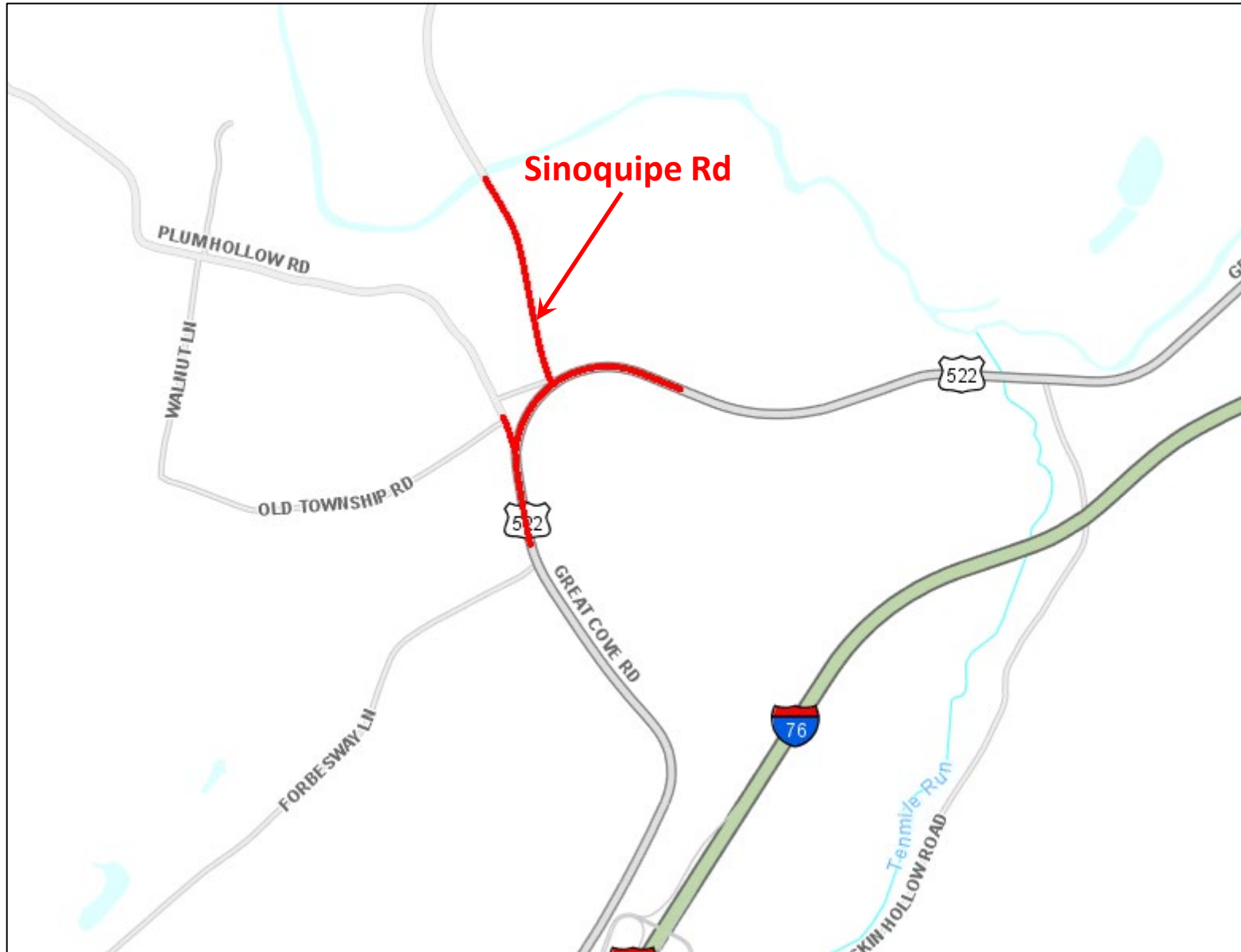
FORT LITTLETON INTERSECTION IMPROVEMENT



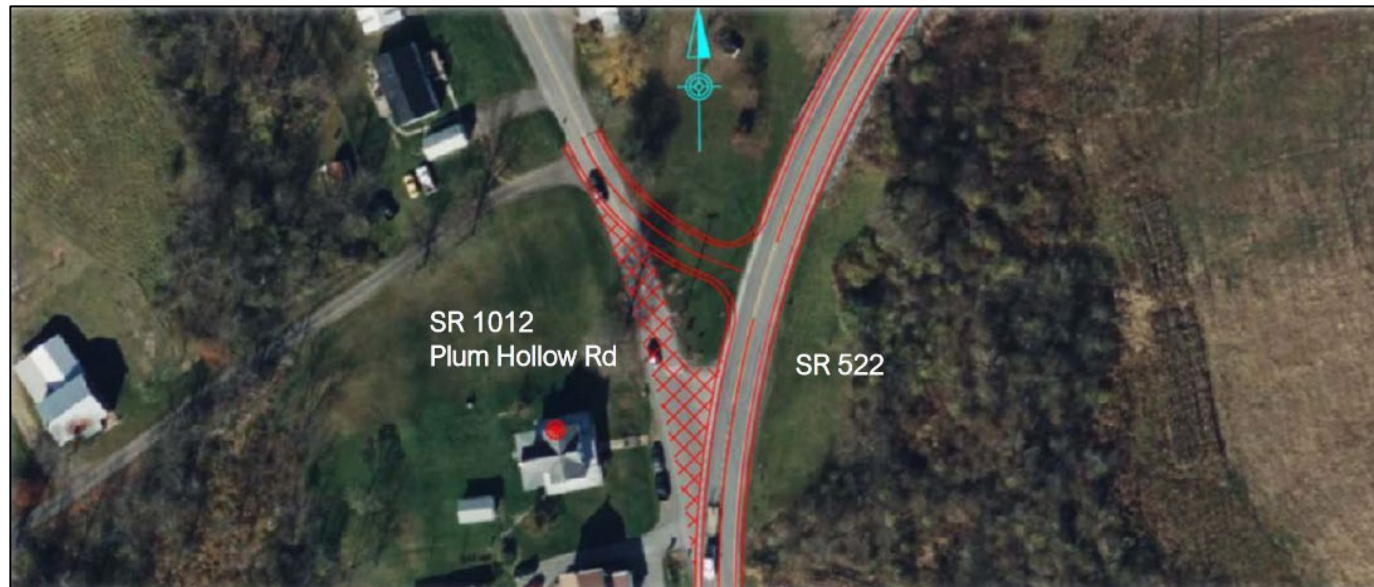
- **Project Type:** Safety Improvement
- **Location:** US 522, State Route 1011(Sinoquipe Road), State Route 1012 (Plum Hollow Road), and T-433 (Brown Road) in Dublin Township, Fulton County
- **Construction Estimate:** \$1.0 Million - \$5.0 Million
- **Anticipated Construction Year:** 2028



FORT LITTLETON INTERSECTION IMPROVEMENT



FORT LITTLETON INTERSECTION IMPROVEMENT



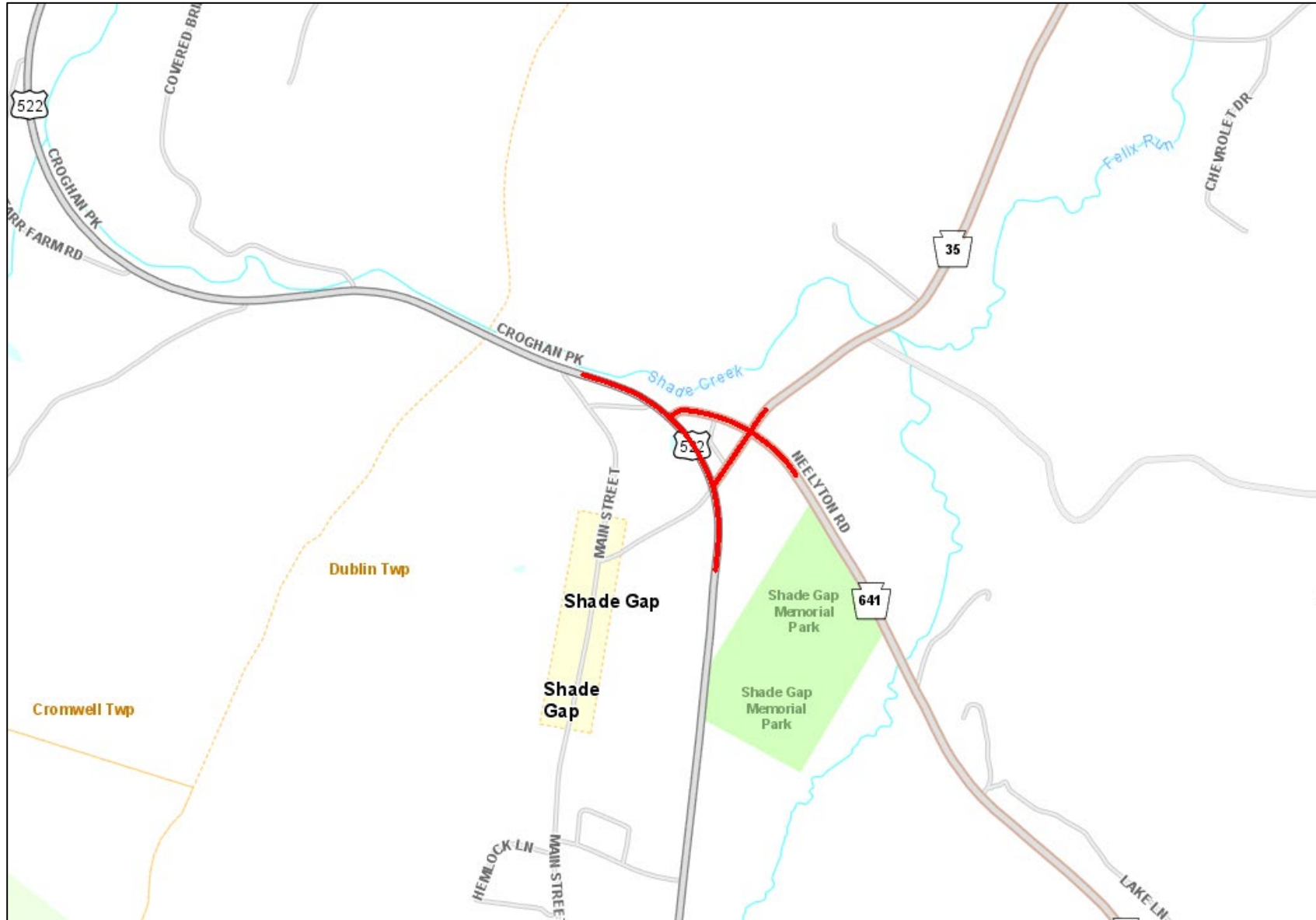
SHADE GAP INTERSECTION SAFETY IMPROVEMENTS



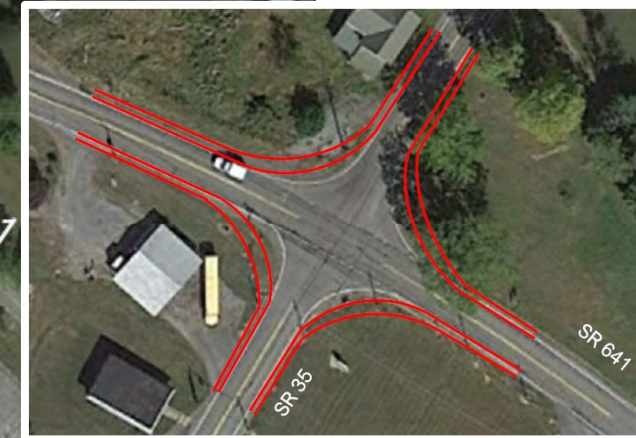
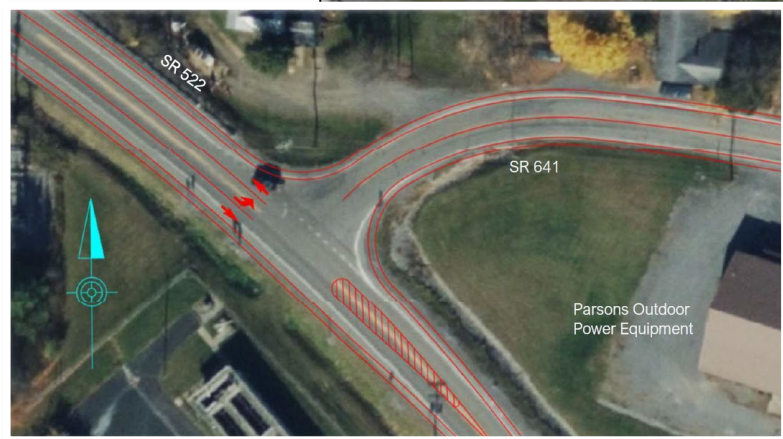
- **Project Type:** Safety Improvement
- **Location:** US 522, PA 35, PA 641, T-409 (Town Hill Street) in Dublin Township, Huntingdon County
- **Construction Estimate:** \$5.0 Million - \$10.0 Million
- **Anticipated Construction Year:** 2030



SHADE GAP INTERSECTION SAFETY IMPROVEMENTS



SHADE GAP INTERSECTION SAFETY IMPROVEMENTS



PA 453 CORRIDOR STUDY



- **Project Type:** Corridor Safety Improvement Study
- **Location:** PA 453 from State Route 4013 (Huntingdon Furnace Road) to I-99 overpass in Snyder Township and Tyrone Borough in Blair County and Tyrone and Warriors Mark Townships and Birmingham Borough in Huntingdon County
- **Study Cost:** \$200,000

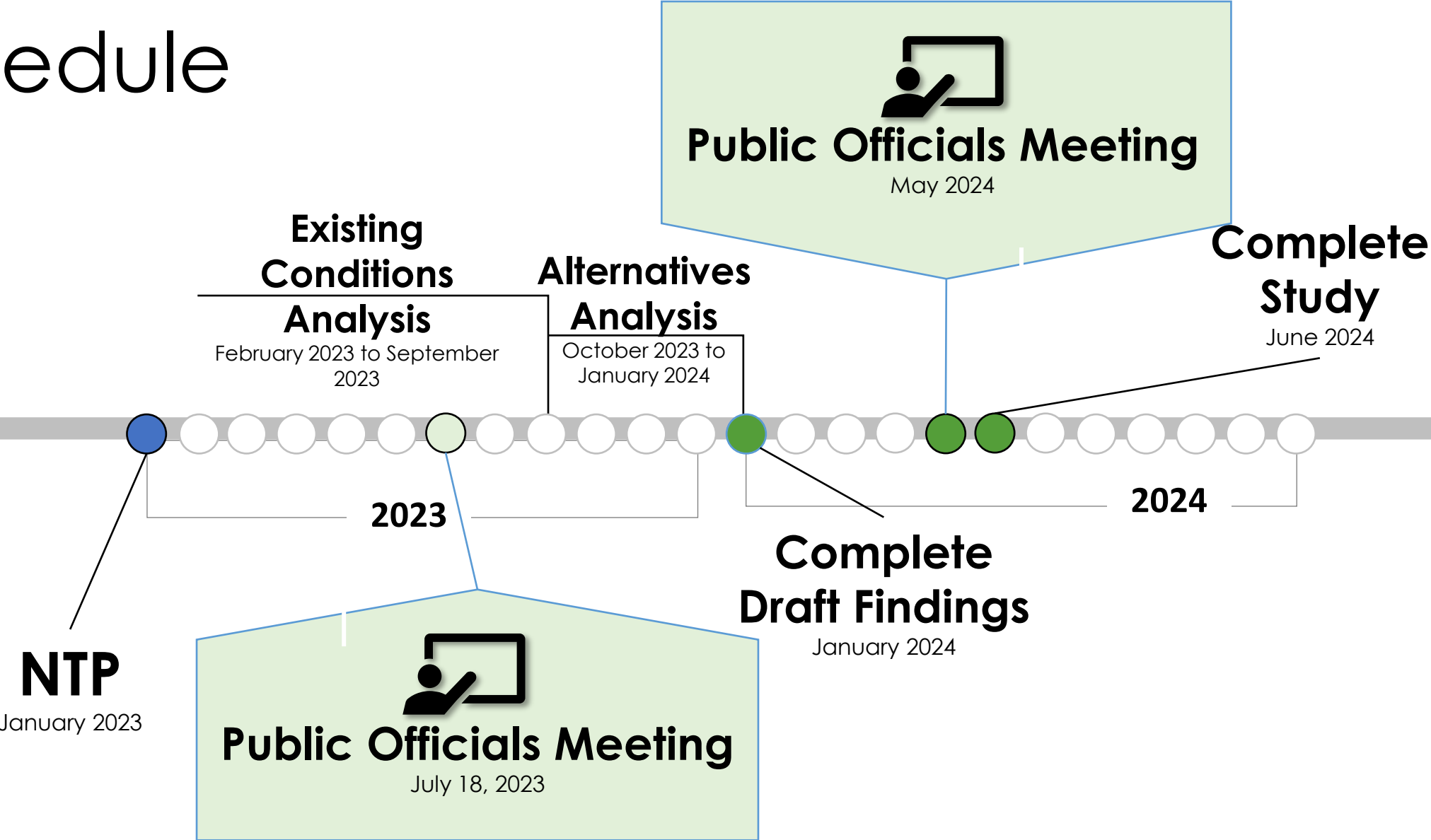


PA 453 CORRIDOR STUDY



PA 453 CORRIDOR STUDY

Schedule



PA 453 CORRIDOR STUDY

Improvement Area	# of Locations	Proposed Concept	Cost Range
Curve Improvements	14	Advisory Speed Limit Signage, Tree Trimming to Improve Sight Distance, Updated Delineation	~\$100k each
Intersection Improvements	12	Curve Improvement Concepts and Pavement Modifications, Guide Rail, Re-Alignment, Add Left Turn Lane	\$100k to \$400k each
Rock Cuts	10	Rockfall Ditch, Slope Draping	\$250k to \$8.3M



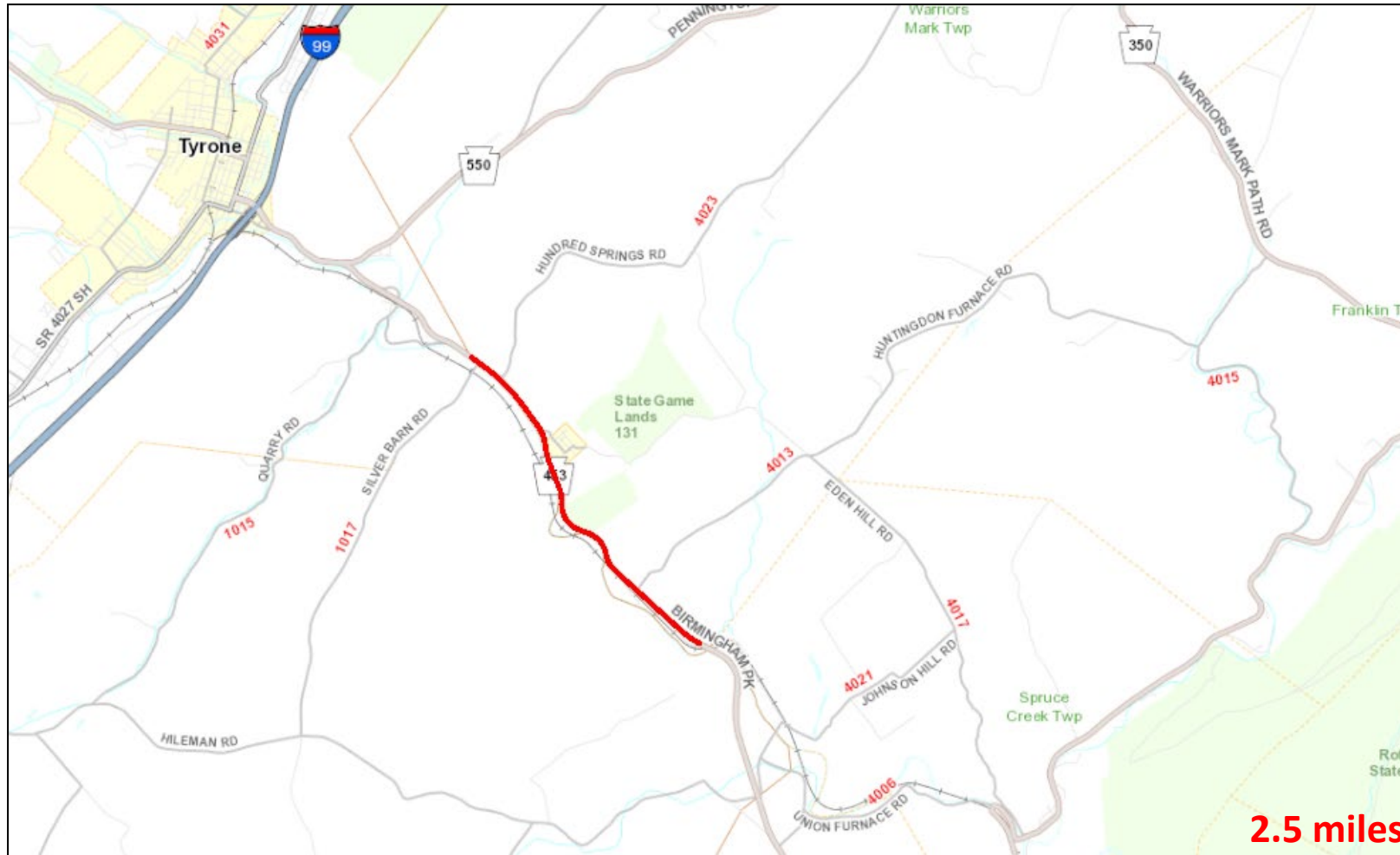
PA 453 – STATE ROUTE 1017 TO BLAIR CO LINE



- **Project Type:** Resurfacing
- **Location:** PA 453 (Birmingham Pike) from State Route 1017 (Silver Barn Road) to Blair County Line in Birmingham Borough and Warriors Mark Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 2nd Quarter 2027



PA 453 - SR 1017 TO BLAIR CO LINE



PA 26 – BEDFORD CO LINE TO MOUNTAIN RD



- **Project Type:** Resurfacing, 3 structure replacements, shoulder upgrades, drainage improvements
- **Location:** PA 26 (Raystown Road) from T-369 (Pine Ridge Road) in Liberty Township, Bedford County to T-420 (Mountain Road) in Hopewell, Lincoln, and Penn Townships and Marklesburg Borough
- **Construction Estimate:** \$5.0 - \$10.0 Million
- **Anticipated Bid Opening:** 3rd Quarter 2026



PA 26 – BEDFORD CO LINE TO MOUNTAIN RD



DERRY RUN BRIDGE SEGMENT 20



- **Project Type:** Bridge Replacement
- **Location:** PA 305 over Derry Run near the intersection of State Route 4005 (Pike Street) in Porter Township and Alexandria Borough
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 1st Quarter 2025



DERRY RUN BRIDGE SEGMENT 20



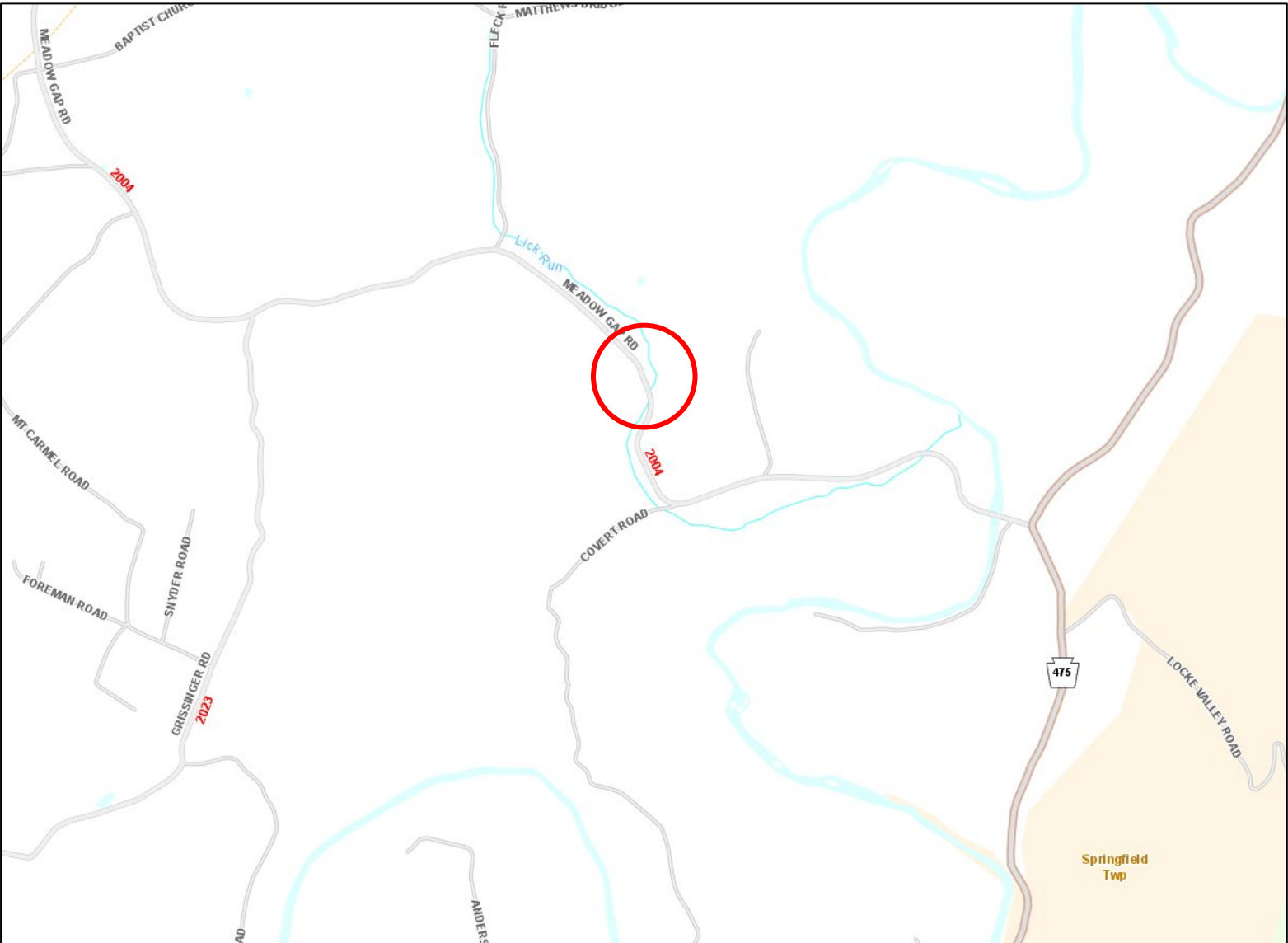
LICK RUN BRIDGE



- **Project Type:** Bridge Replacement
- **Location:** State Route 2004 (Meadow Gap Road) over Lick Run near the intersection of T-334 (Fleck Road) in Springfield Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 3rd Quarter 2025



LICK RUN BRIDGE



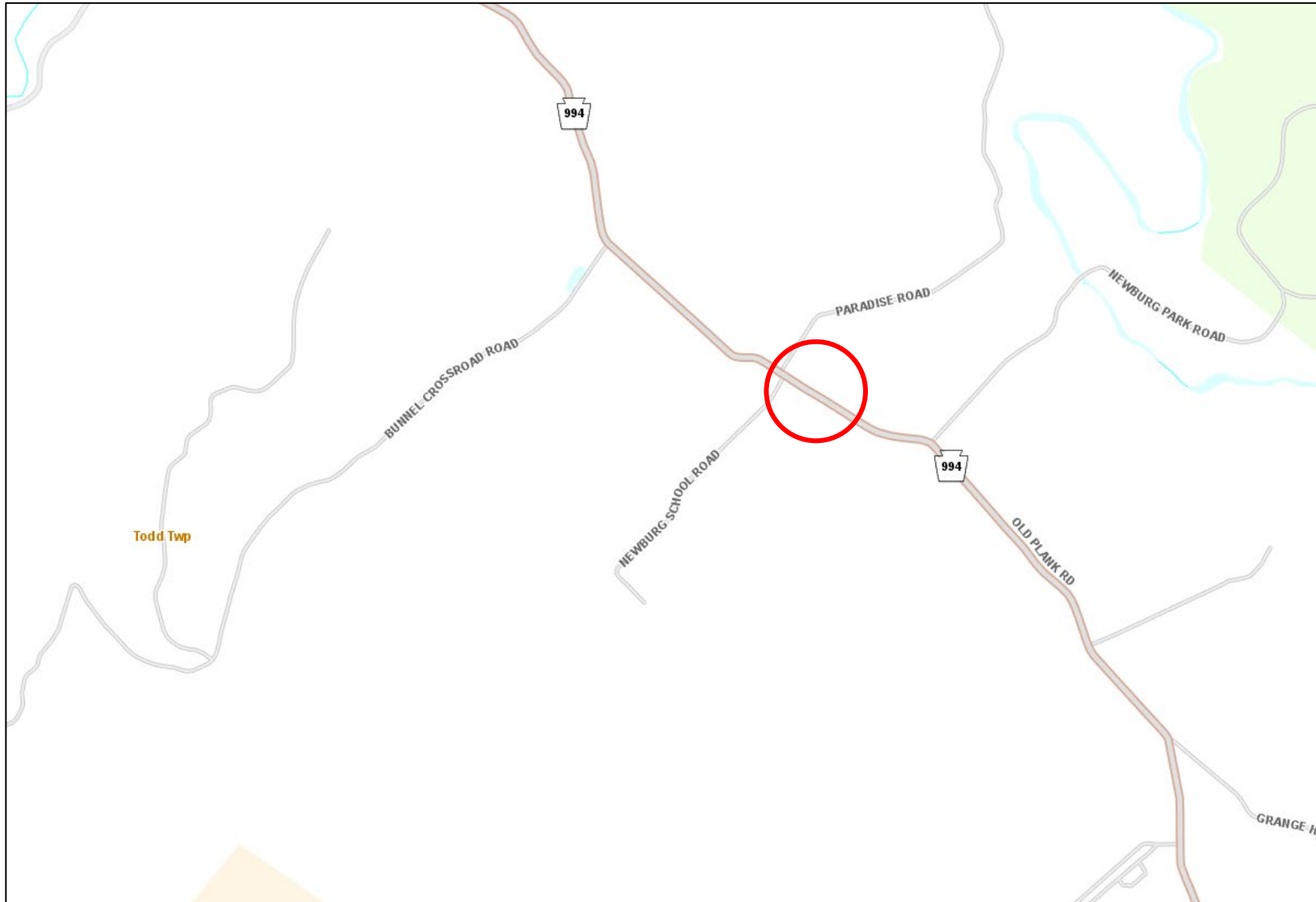
PA 994 TRIBUTARY TO GREAT TROUGH CREEK



- **Project Type:** Bridge Replacement and Drainage Improvements
- **Location:** PA 994 (Old Plank Road) over unnamed tributary to Great Trough Creek near the intersection of T-361 (Newburg School Road) in Todd Township
- **Construction Estimate:** \$1.0 Million to \$5.0 Million
- **Anticipated Bid Opening:** 3rd Quarter 2025



PA 994 TRIBUTARY TO GREAT TROUGH CREEK



Thank You

