PENNDOT DISTRICT 9-0 BEDFORD COUNTY

VINCE GREENLAND, P.E. ACTING DISTRICT EXECUTIVE



DISTRICT 9 – DISTRICT EXECUTIVE CHANGES

Acting District Executive Rotation

April and May	Vince Greenland, PE, Assistant District Executive - Design vgreenland@pa.gov (o)814-696-7151 (c)814-937-7661
June and July	Brad Brumbaugh, PE, Assistant District Executive - Construction <u>brbrumbaug@pa.gov</u> (o)814-696-7130 (c)814-932-7839
August and September	David Kammerer, PE, Assistant District Executive - Maintenance <u>dakammerer@pa.gov</u> (o)814-696-7176 (c)814-207-2205

PENNDOT Engineering District 9-0 OUTREACH 2023 Bedford County AGENDA

Vince Greenland, Acting District Executive

- o Greeting and Introductions/Agenda Summary
- o Transportation Update

Brad Brumbaugh, Assistant District Executive, Construction

- Construction Project Update
- Overview for 2023 Construction Season

Rodney Mock, Assistant County Maintenance Manager

- Winter Wrap-Up
- County Funded Improvements

Vince Greenland, Assistant District Executive, Design

- Future Projects
- Federal Local Access Road Projects

Southern Alleghenies Planning & Development Commission

Brandon Peters, Director of Planning & Community Development

Local Technical Assistance Program (LTAP)

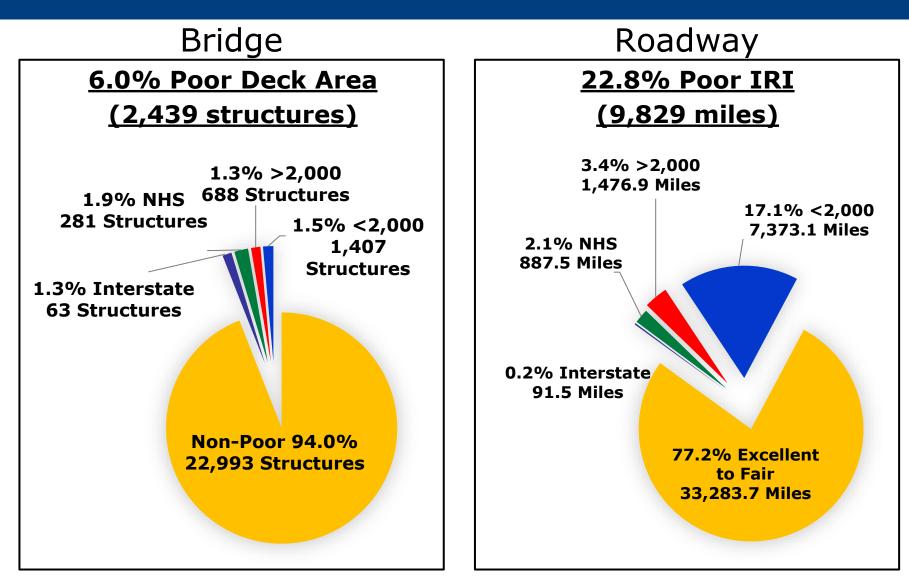
Question and Answer Session

PENNDOT BY THE NUMBERS





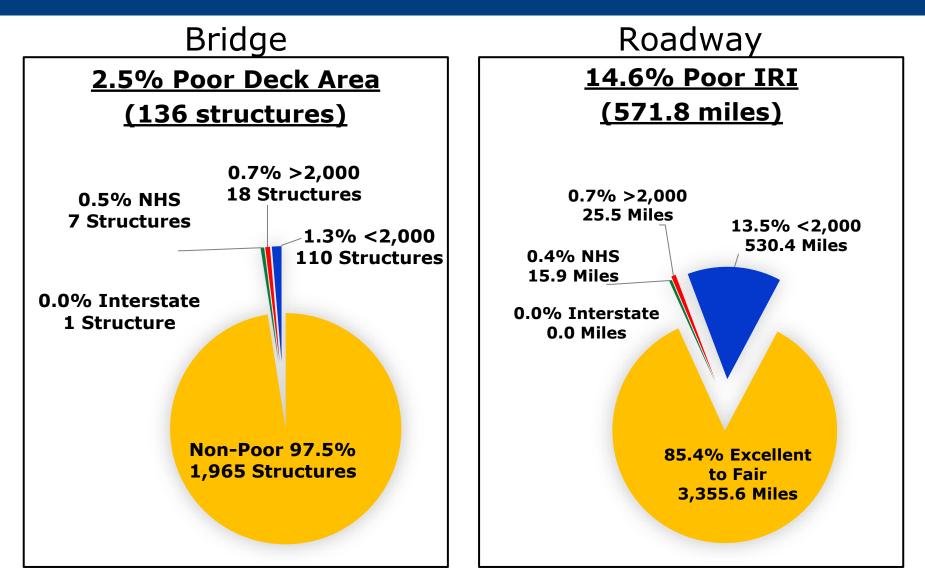
BRIDGE AND ROADWAY ASSETS - STATEWIDE



Data from 2021 Annual Performance Measures Reports



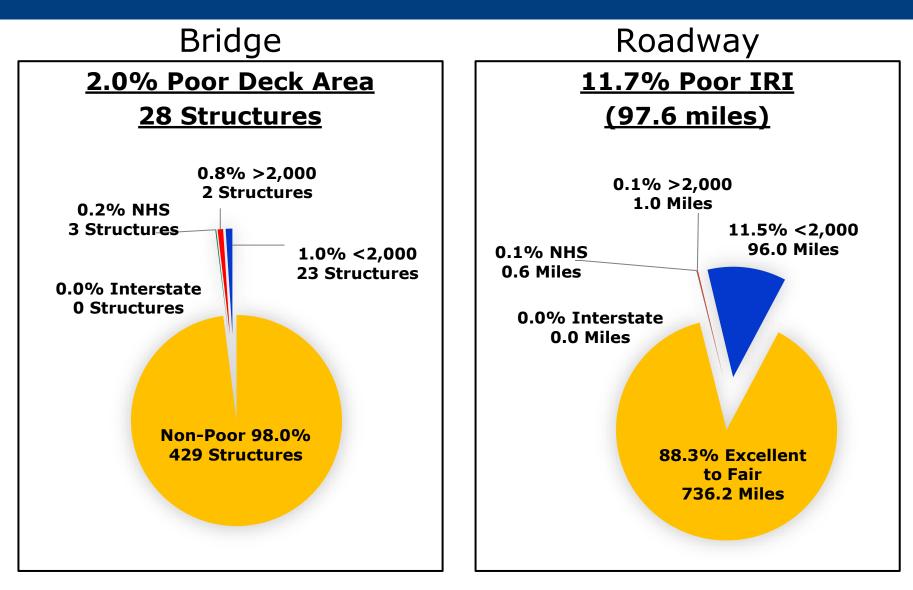
BRIDGE AND ROADWAY ASSETS – DISTRICT 9-0



Data from 2021 Annual Performance Measures Reports



BRIDGE AND ROADWAY ASSETS - BEDFORD

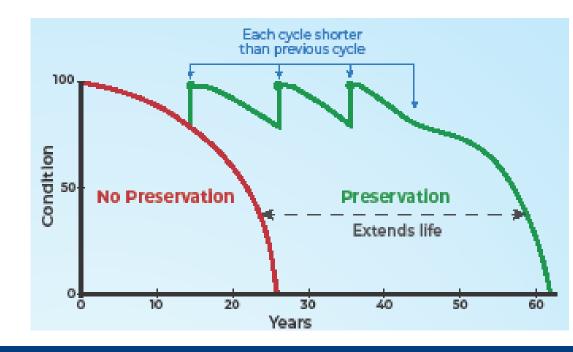


Data from 2021 Bridge Management System and Roadway Management System



LOWEST LIFE CYCLE COST (LLC)

- Federal requirement
- Manage assets over their entire life
- The right treatment to the right asset at the right time to extend the life for lowest practicable cost
- Maximize life, minimize costs
- LLCC ≠ worst first (at the network level)





2023 TIP FINANCIAL GUIDANCE

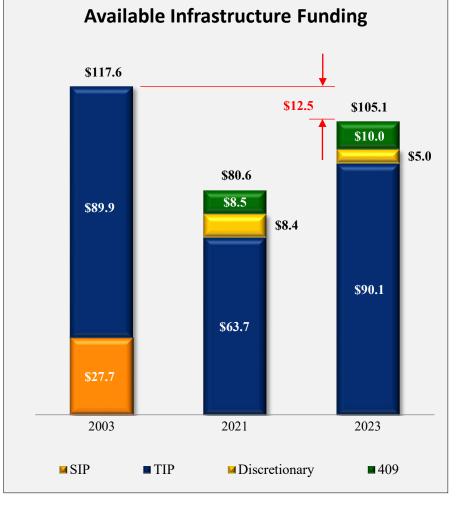
	Original Guidance FFY 2023-2026 (\$000's)	BIL Estimates FFY 2023-2026 (\$000's)*	lncrease (\$000's)	Increase (%)
Blair MPO	\$44,750	\$66,492	\$21,742	48.59%
Cambria MPO	\$65,669	\$95,500	\$29,831	45.43%
S Alleghenies RPO	\$134,284	\$198,598	\$64,314	47.89%
District 9	\$244,703	\$360,590	\$115,887	47.36%

* Does not include Carbon Reduction Program (CRP) Funds



INFLATION IMPACTS

- Inflation impacts in 2022:
 - Bid Prices
 - 9.3% increase
 - 2022 vs 2021 Construction Season Prices (Based on average prices April – October)
 - Asphalt Index adjustments 45.5% increase
 - Diesel Index prices 95.5% increase
 - 2022 vs 2021 Maintenance costs
 - Sealcoat Oil 16% increase
 - Sealcoat Stone 25% increase
 - Salt prices 15% increase
- Available funding in 2023
 - TIP funds increased 41.4% between 2023 and 2021 TIPs due to Bipartisan Infrastructure Law (BIL)



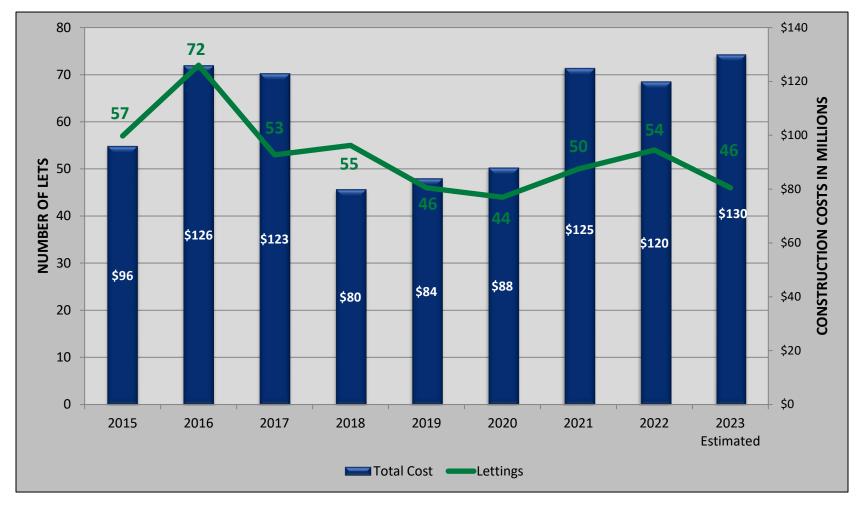
DISTRICT 9 2023 TIP PROGRAM SUMMARY

	Total		Roadway			Bridge		
	\$000s	#	\$000s	#	%	\$000s	#	%
Blair MPO	\$ 66,492	62	\$ 36,679	22	55.2%	\$ 29,813	40	44.8%
ССМРО	\$ 95,500	58	\$ 60,645	28	63.5%	\$ 34,855	30	36.5%
S Alleghenies	\$ 198,598	121	\$ 104,605	35	52.7%	\$ 93,993	86	47.3%
District 9-0	\$ 360,590	241	\$ 201,929	85	56.0%	\$ 158,661	156	44.0%

Does not include Carbon Reduction Program (CRP) Funds



STATE ROADS AND BRIDGES – DISTRICT 9



Note: US 219 projects are not included



2025 TIP UPDATE

2025 Transportation Improvement Program Update



TRANSPORTATION IMPROVEMENT PROGRAM

- Federal Requirement
- Detail of every project over the next 4 years
- 1st 4-years of Twelve-Year Program
- Developed and managed by Metropolitan and Rural Planning Organizations
- Fiscally constrained by year
- Public Involvement requirements
- Updated every 2 years

2025 TIP UPDATE DISTRICT 9-0

- Carryover projects
- Transportation Investment Plan
- MPO/RPO and PENNDOT review the candidate list for possible inclusion in the program
 - Asset Management
 - Bridge
 - Roadway
 - Geotech
 - Safety
 - Long Range Transportation Plan
 - Other studies
- Planning Partners and PENNDOT review project information and establish project priorities
- PennDOT Connects: Every Project

2025 PROGRAM UPDATE

Public Input

- TYP input is solicited bi-annually through the State Transportation Commission in odd years
 - Comments being accepted through April 30, 2023
 - Online Public Forum April 12, 2023
- TIP project needs are solicited via County Planning Commission every other year

• FFY 2025 TIP

- Spring of 2023: Local priorities are submitted via Planning Partners for consideration on the Draft TIP
- December 2023: Draft TIPs developed
- Summer of 2024: Public Comment Period
- October 1, 2024: TIP takes effect



For additional information on TIP Priorities:

Rick Suder

Senior Planner **Bedford County Planning Commission** 814-623-4827





BEDFORD COUNTY CONSTRUCTION PROJECTS

BRAD J. BRUMBAUGH, P.E. ASSISTANT DISTRICT EXECUTIVE - CONSTRUCTION



AWARDED CONTRACTS

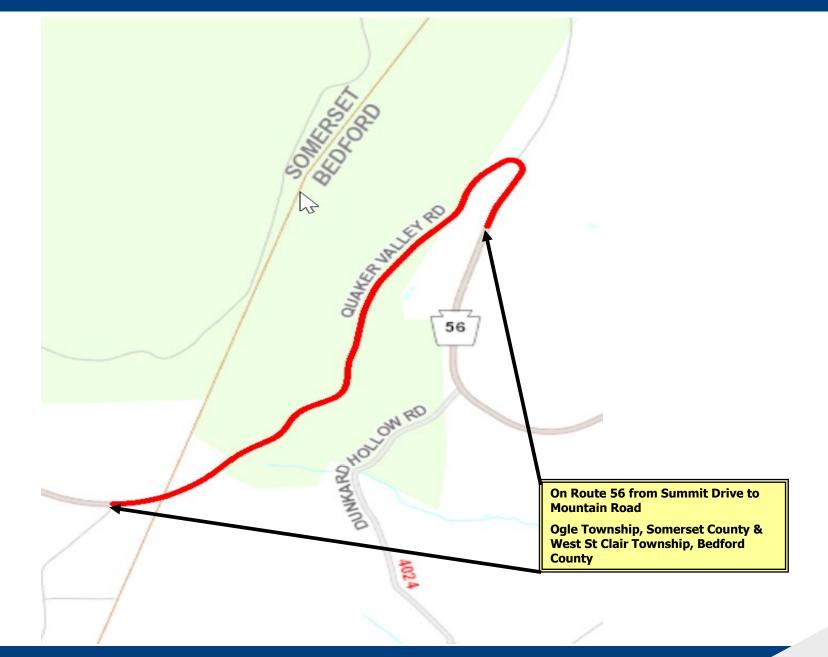


ROUTE 56: PLEASANTVILLE MOUNTAIN



- **Scope:** Resurfacing and Safety Improvement (2.1 miles)
- **Traffic Control:** Long Term Traffic Control Phased Setups
- Construction Timeframe: Feb 2022 Jun 2023
- **Contractor:** HRI, Inc.
- Current Contract: \$3,316,308

ROUTE 56: PLEASANTVILLE MOUNTAIN

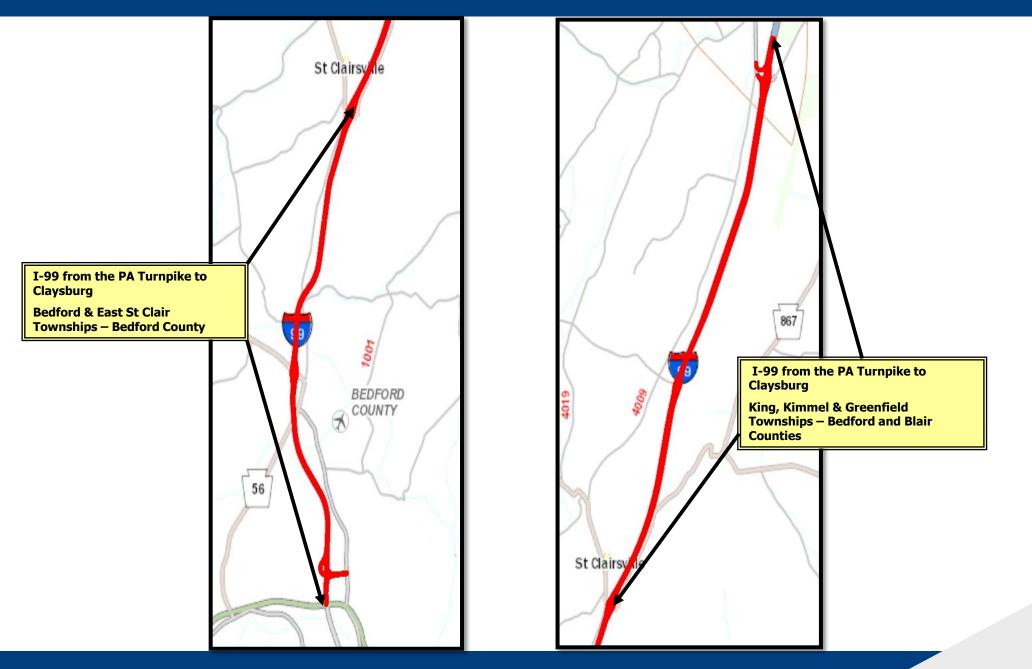


INTERSTATE 99: TURNPIKE TO SPROUL/CLAYSBURG



- **Scope:** Resurfacing, Guide Rail, and Drainage Upgrades (37.2 miles)
- **Traffic Control:** Long Term Traffic Control Phased Setups
- **Construction Timeframe:** Mar 2021 July 2023
- **Contractor:** Grannas Bros. Stone & Asphalt Co., Inc.
- Current Contract: \$10,219,296

INTERSTATE 99: TURNPIKE TO SPROUL/CLAYSBURG

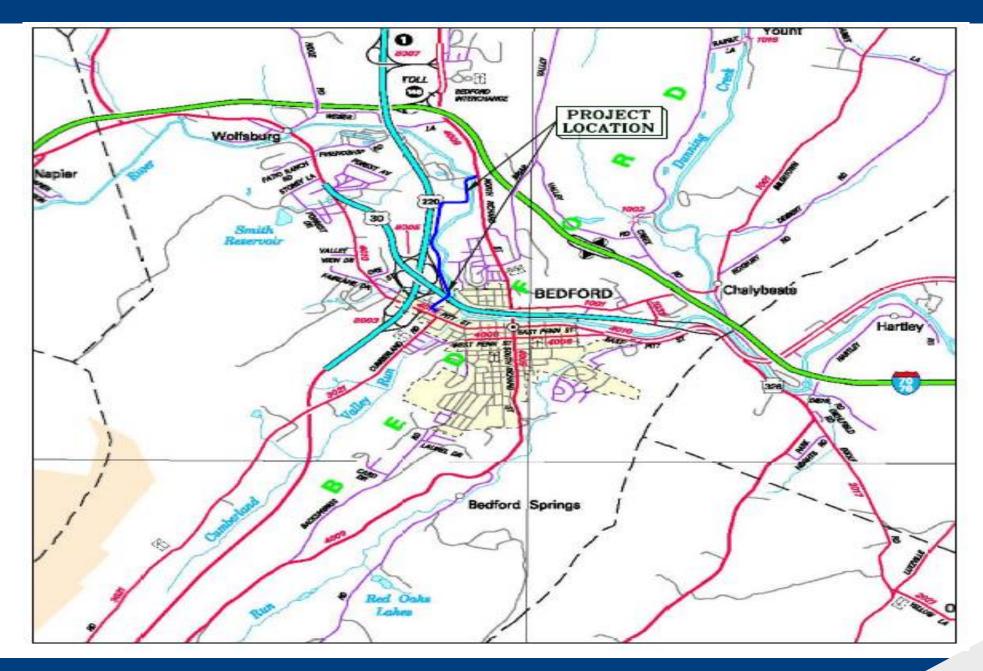


SHUSTER WAY HERITAGE TRAIL



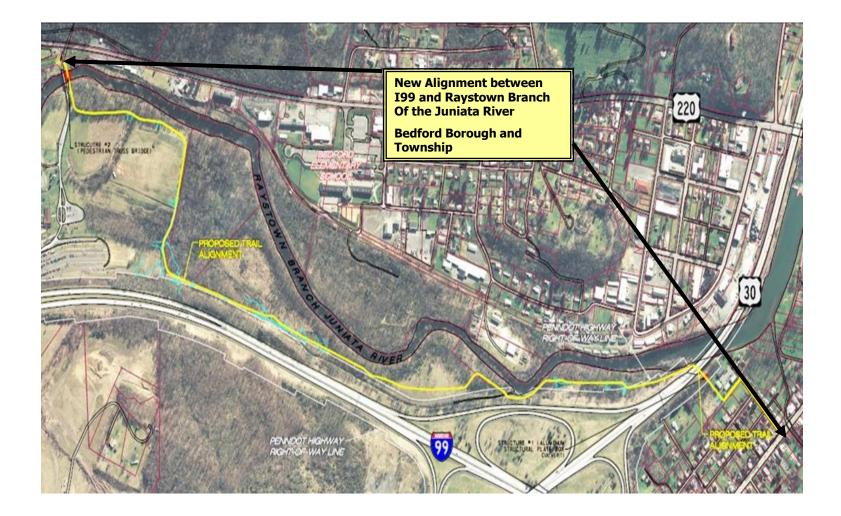
- Scope: Local Trail Project
- Traffic Control: Daylight Flagging
- Construction Timeframe: April 2022 July 2023
- **Contractor:** Plum Contracting, Inc.
- Current Contract: \$2,319,475

SHUSTER WAY HERITAGE TRAIL



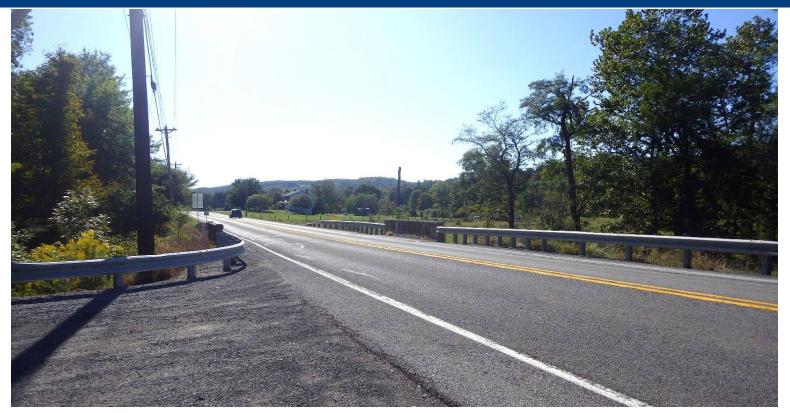


SHUSTER WAY HERITAGE TRAIL





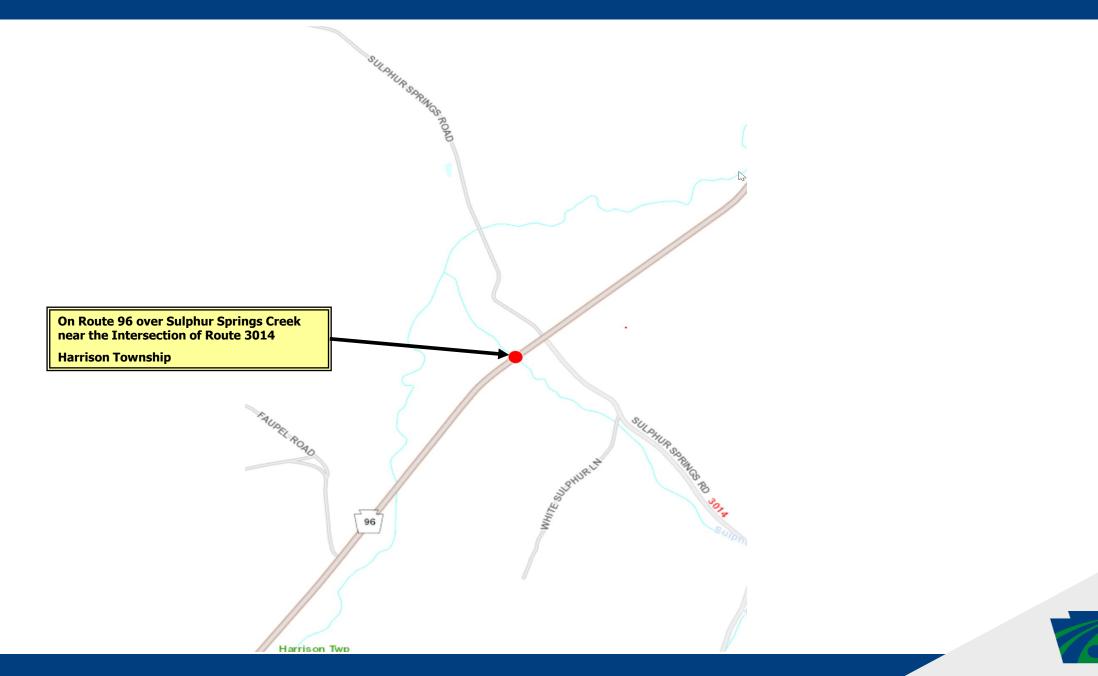
ROUTE 96 BRIDGE OVER SULPHUR SPRINGS CREEK



- **Scope:** Bridge Replacement
 - \blacktriangleright Part of grouped letting with four Route 96 bridges
- **Traffic Control:** Phased Setups Temporary Signals
- Construction Timeframe: Apr 2023 Aug 2023
- **Contractor:** Kukurin Contracting, Inc.
- Current Contract: \$3,601,560



ROUTE 96 BRIDGE OVER SULPHUR SPRINGS CREEK



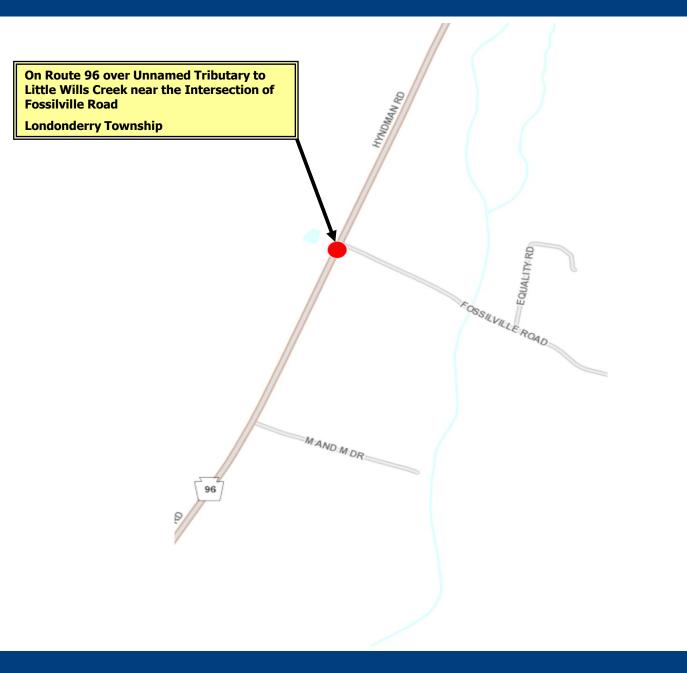
ROUTE 96 BRIDGE OVER TRIB TO LITTLE WILLS CREEK #2



- **Scope:** Bridge Replacement
 - > Part of grouped letting with four Route 96 bridges
- Traffic Control: Phased Setups Temporary Signals
- Construction Timeframe: May 2023 Oct 2023
- Contractor: Kukurin Contracting, Inc.
- Current Contract: \$3,601,560



ROUTE 96 BRIDGE OVER TRIB TO LITTLE WILLS CREEK #2





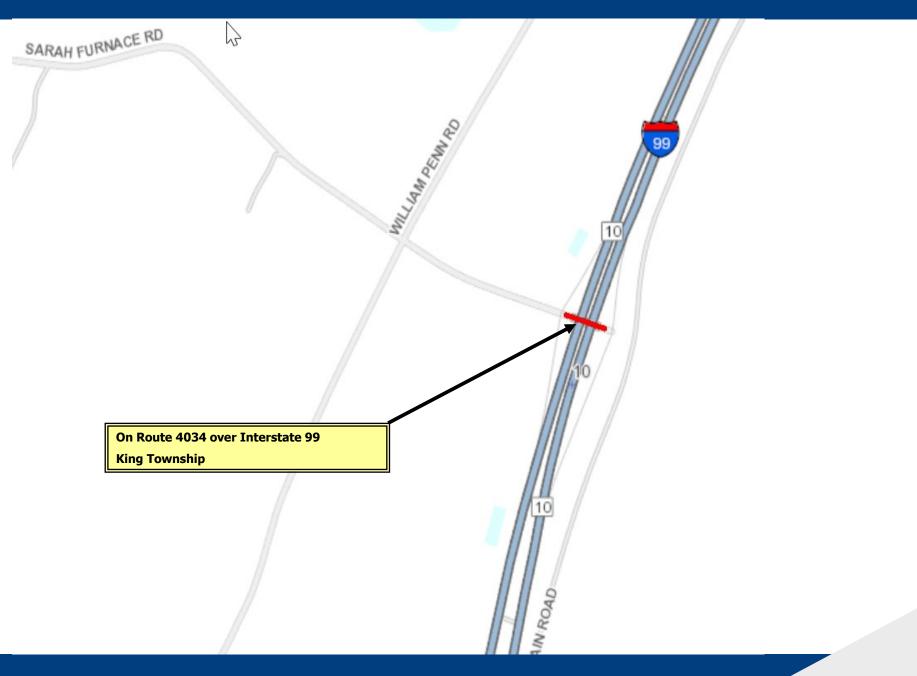
ROUTE 4034 BRIDGE OVER I-99



- **Scope:** Bridge Preservation
 - Let with Route 1004 Bridge over Cove Creek
- **Traffic Control:** Phased Setups and Detour (NB On-Off Ramps)
- Construction Timeframe: Apr 2023 Sept 2023
- **Contractor:** Swank Construction Company, LLC
- Current Contract: \$1,578,588

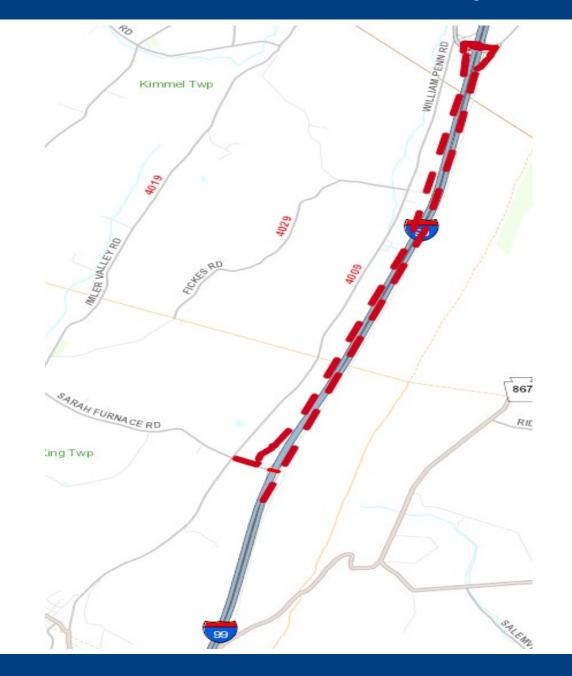


ROUTE 4034 BRIDGE OVER I-99





ROUTE 4034 OVER 199 – DETOUR (60 DAYS)



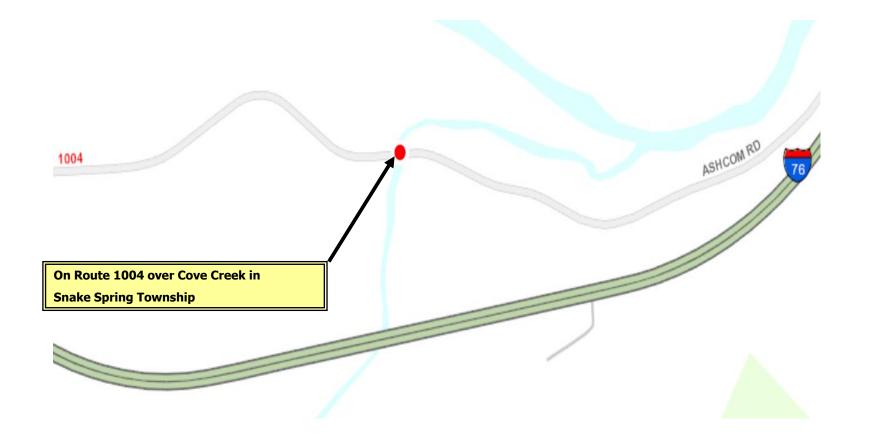
ROUTE 1004 BRIDGE OVER COVE CREEK



- **Scope:** Bridge Preservation
 - Let with Route 4034 Bridge over I-99
- Traffic Control: Phased Setups
- Construction Timeframe: Jun 2023 Sept 2023
- **Contractor:** Swank Construction Company, LLC
- Current Contract: \$1,578,588

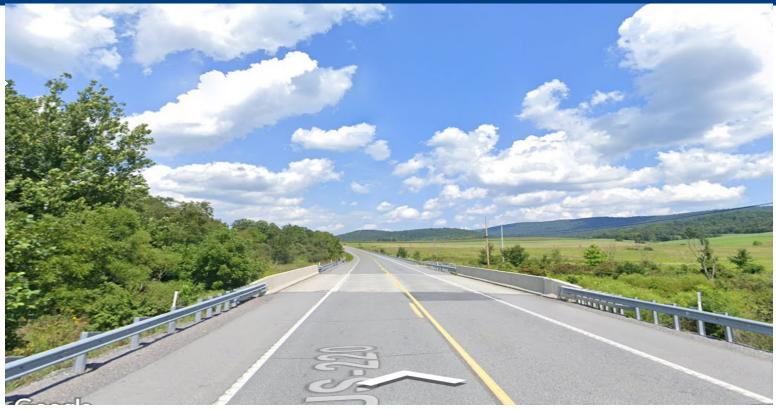


ROUTE 1004 BRIDGE OVER COVE CREEK





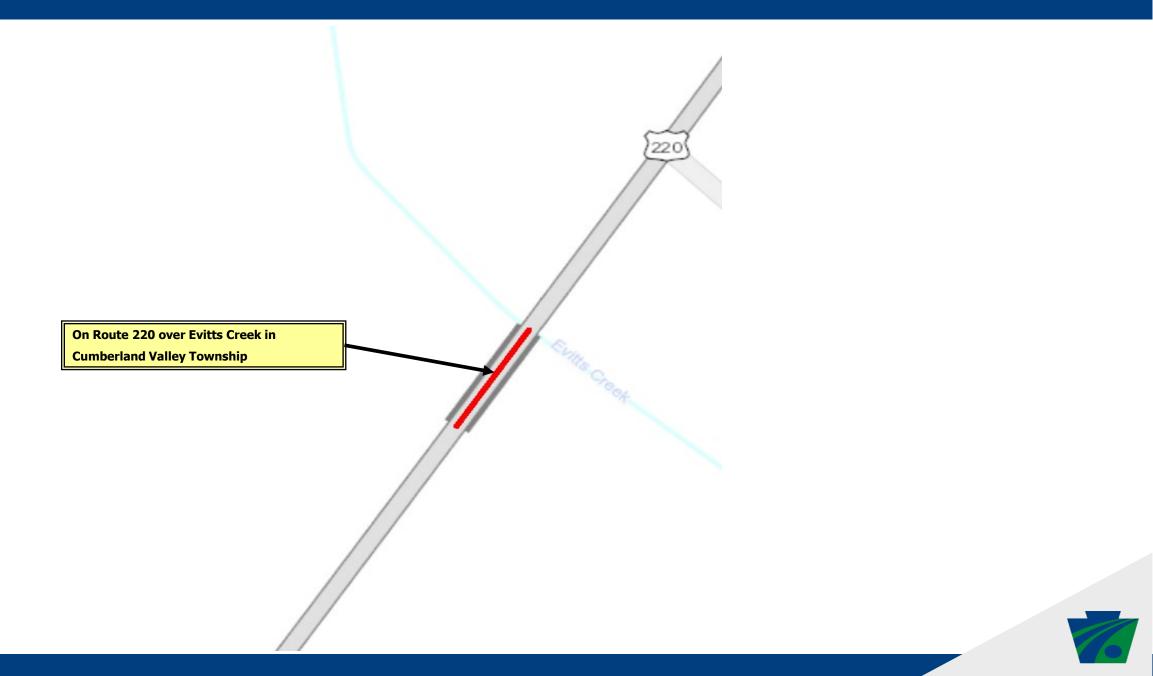
ROUTE 220 BRIDGE OVER EVITTS CREEK



- **Scope:** Bridge Preservation
 - Let with Route 2002 Bridge over Wilson Run
- **Traffic Control:** Phased Setups Temporary Signals
- Construction Timeframe: May 2023 Oct 2023
- **Contractor:** George S. Hann & Son, Inc.
- Current Contract: \$1,369,976



ROUTE 220 BRIDGE OVER EVITTS CREEK



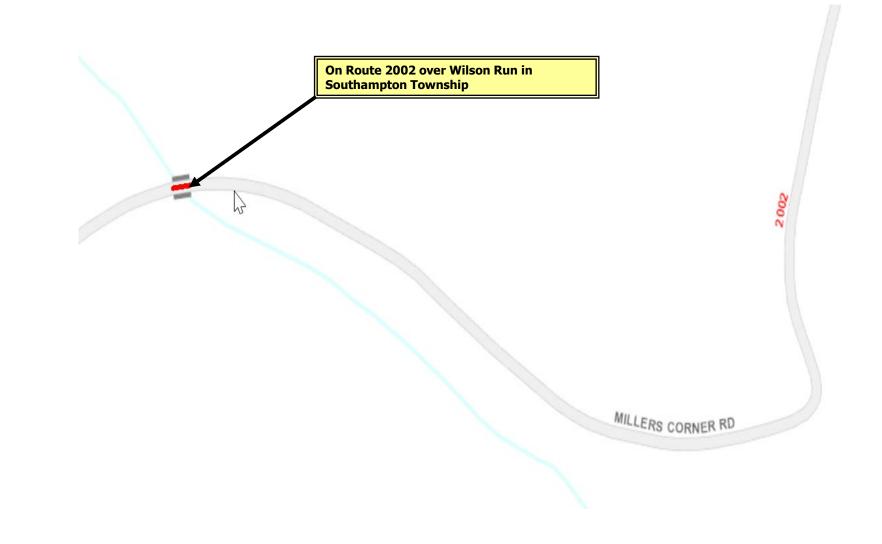
ROUTE 2002 BRIDGE OVER WILSON RUN



- **Scope:** Bridge Preservation
 - Let with Route 220 Bridge over Evitts Creek
- **Traffic Control:** Phased Setups Temporary Signals
- Construction Timeframe: May 2023 Oct 2023
- **Contractor:** George S. Hann & Son, Inc.
- Current Contract: \$1,369,976

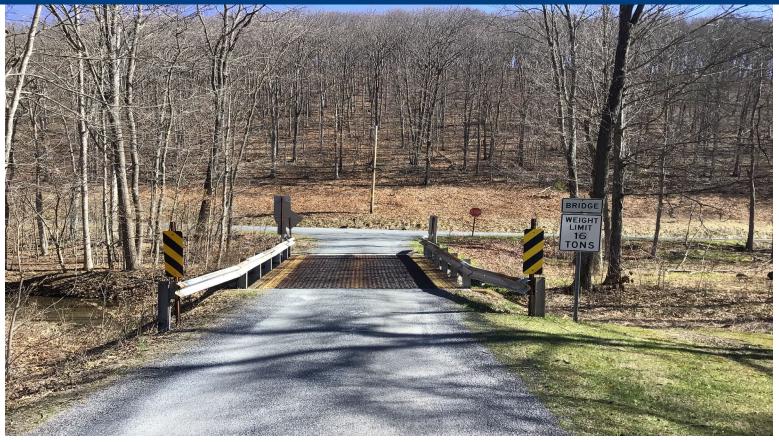


ROUTE 2002 BRIDGE OVER WILSON RUN



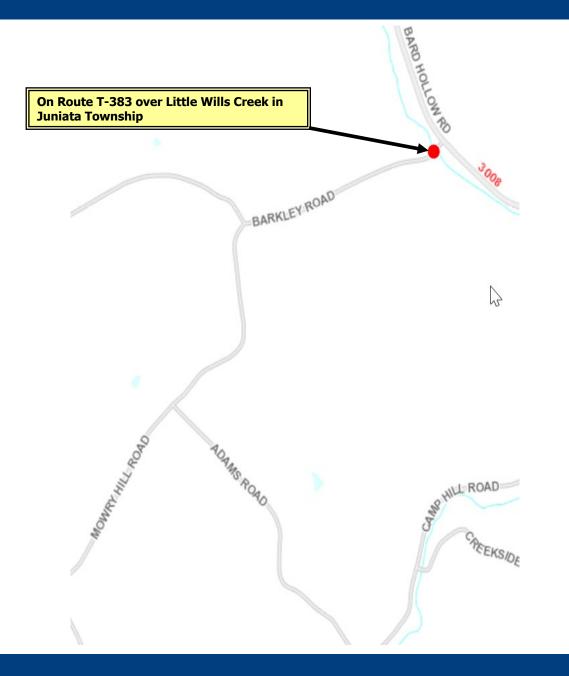


ROUTE T-383: BARKLEY ROAD BRIDGE



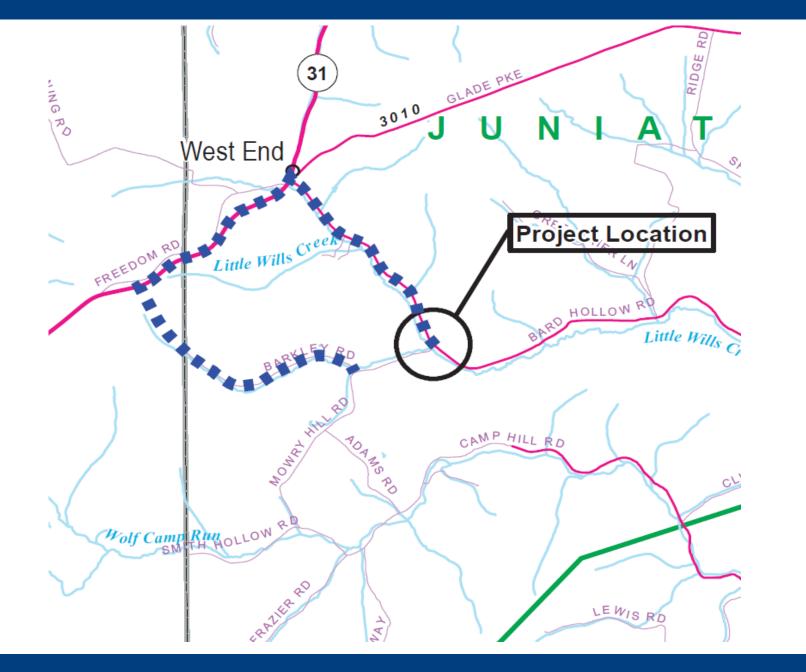
- **Scope:** Bridge Replacement
- Traffic Control: Detour
- Construction Timeframe: Jun 2023 Nov 2023
- **Contractor:** Wen-Brooke Contracting, Inc.
- **Current Contract:** \$425,130

ROUTE T-383: BARKLEY ROAD BRIDGE





ROUTE T-383 BARKLEY ROAD BRIDGE - DETOUR





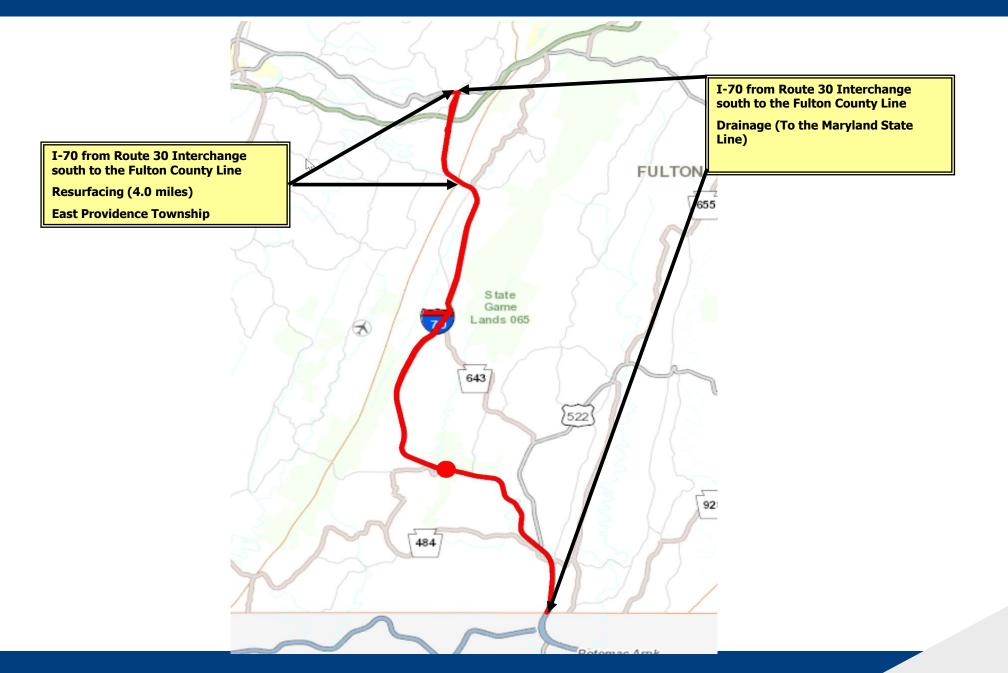
INTERSTATE 70: BREEZEWOOD TO FULTON CO. LINE



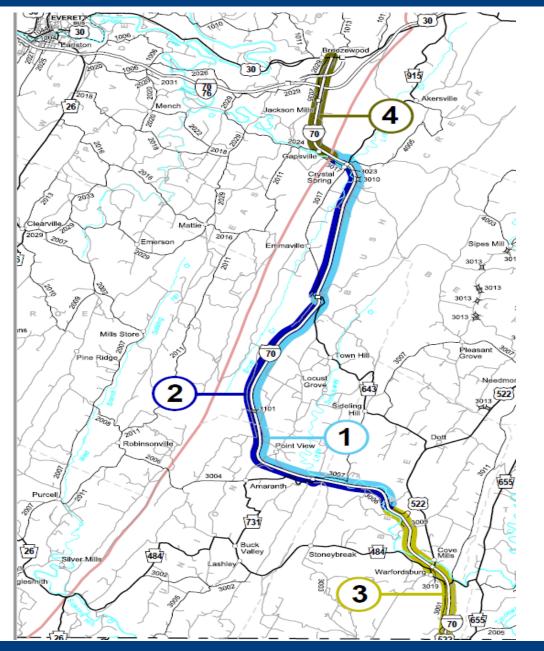
- **Scope:** Resurfacing (4.0 miles), Guide Rail, Structure Rehabilitation and Drainage Upgrades (to Maryland Line)
- Construction Timeframe: Jun 2021 Nov 2023
- **Traffic Control:** Long Term Traffic Control- Phased Setups
- **Contractor:** Cottle's Asphalt Maintenance
- Current Contract: \$20,480,855



INTERSTATE 70: BREEZEWOOD TO FULTON CO. LINE



I-70 PROJECTS

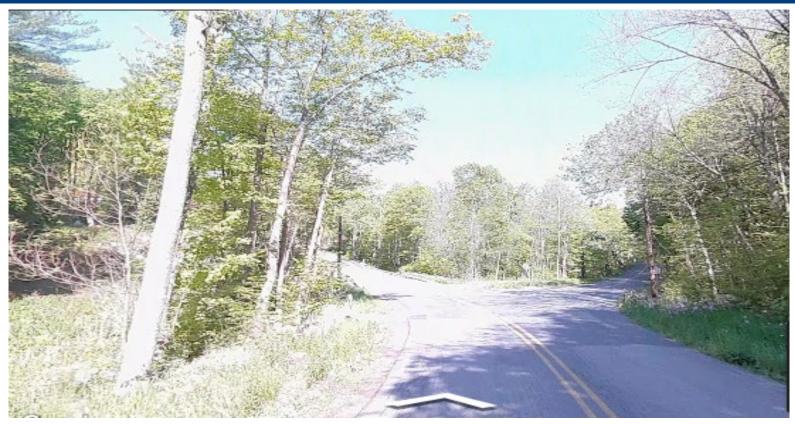


- WB Amaranth to Bedford County Line, Completion in Fall 2023 -\$12.1 million
- EB Amaranth to Bedford County Line, Summer 2023 to Fall 2027 -\$19.4 million
- 3. Amaranth to MD Line, Summer 2023 to Fall 2027 \$11.5 million
- Breezewood to Fulton County Line, Completion in Fall 2023 -\$20.8 million

CONTRACTS TO BE BID



ROUTE 3017: ROUTE 96 TO ROUTE 31



- **Scope:** Resurfacing, Guiderail, and Drainage (7.8 miles)
 - Bid with Route 3014 and Route 4005
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** 1 to 5 Million
- Anticipated Bid Opening: 2nd Quarter 2023

ROUTE 3017: ROUTE 96 TO ROUTE 31





ROUTE 3014: ROUTE 96 TO ROUTE 3017



- **Scope:** Resurfacing, Guiderail, and Drainage (1.3 miles)
 - Bid with Route 3017 and Route 4005
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** 1 to 5 Million
- Anticipated Bid Opening: 2nd Quarter 2023

ROUTE 3014: ROUTE 96 TO ROUTE 3017



ROUTE 4005: ROUTE 3017 TO ROUTE 31



- **Scope:** Resurfacing, Guiderail, and Drainage (0.9 miles)
 - Bid with Route 3017 and Route 3014
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** 1 to 5 Million
- Anticipated Bid Opening: 2nd Quarter 2023

ROUTE 4005: ROUTE 3017 TO ROUTE 31

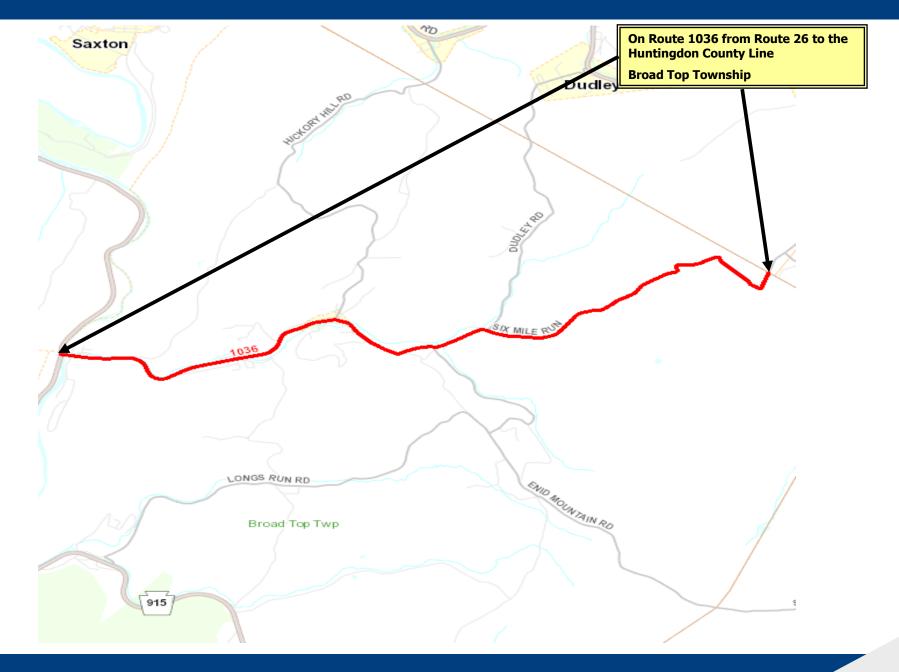


ROUTE 1036: ROUTE 26 TO HUNTINGDON CO LINE



- **Scope:** Resurfacing and Safety Improvements (6.7 miles)
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** 5 to 10 Million
- Anticipated Bid Opening: 2nd Quarter of 2023

ROUTE 1036: ROUTE 26 TO HUNTINGDON CO LINE





Thank You

Questions?



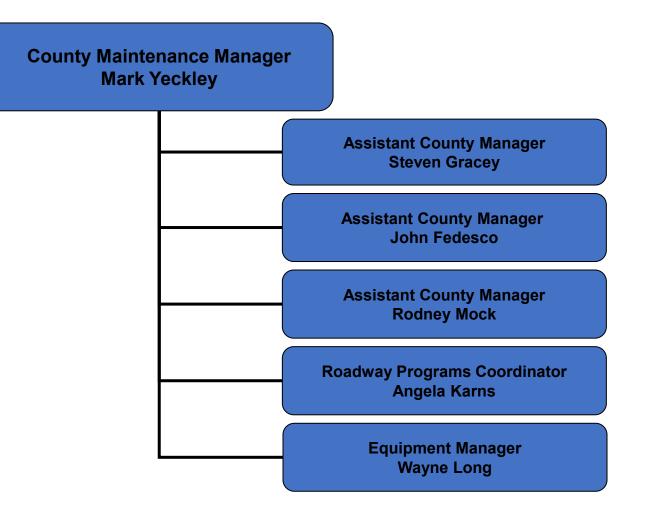


BEDFORD COUNTY MAINTENANCE ACTIVITIES

DAVID S. KAMMERER, P.E., ADE-MAINTENANCE MARK J. YECKLEY, COUNTY MANAGER

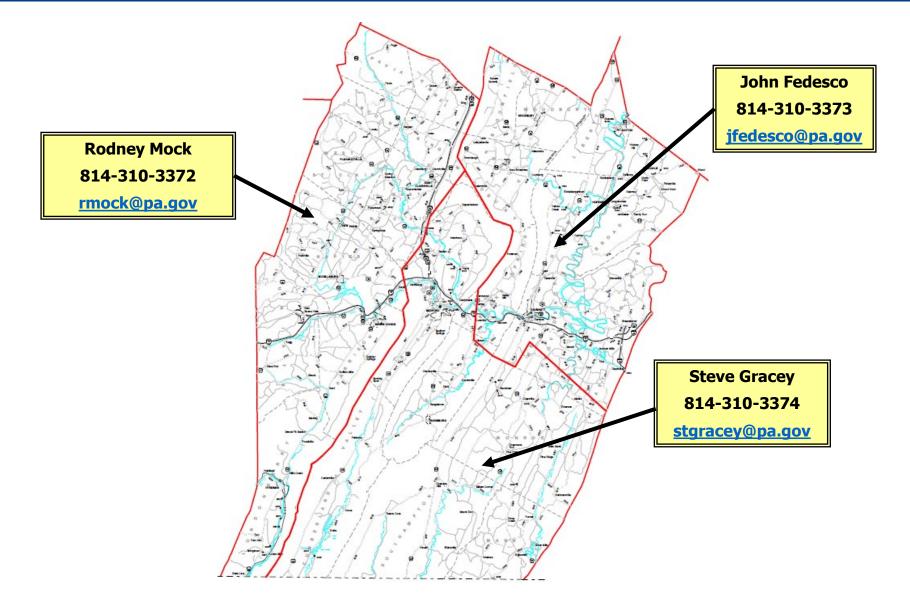


BEDFORD COUNTY STAFF





WHO TO CONTACT IN YOUR AREA





2022 WINTER AGREEMENTS & 5 YEAR DEPARTMENT HISTORY

5 Winter Municipal Service Agreement Routes between Broad Top, Lincoln, Southampton, West St. Clair, & Woodbury Townships

Totaling 29.9 Miles

Avg. Rate - \$ 1,043 / mile





5 Year Department Winter Material Usage & Cost*

	2018	2019	2020	2020	2022
SALT (tons)	13,260	5,281	11,699	6,941	6,181
SKID (tons)	20,516	6,093	13,728	7,934	6,946
BRINE (gals)	135,912	54,681	203,228	134,409	98,881
COST (000's)	\$ 3,830	\$3,097	\$4,663	\$3,699	\$3,731
*as of 3/23/23					



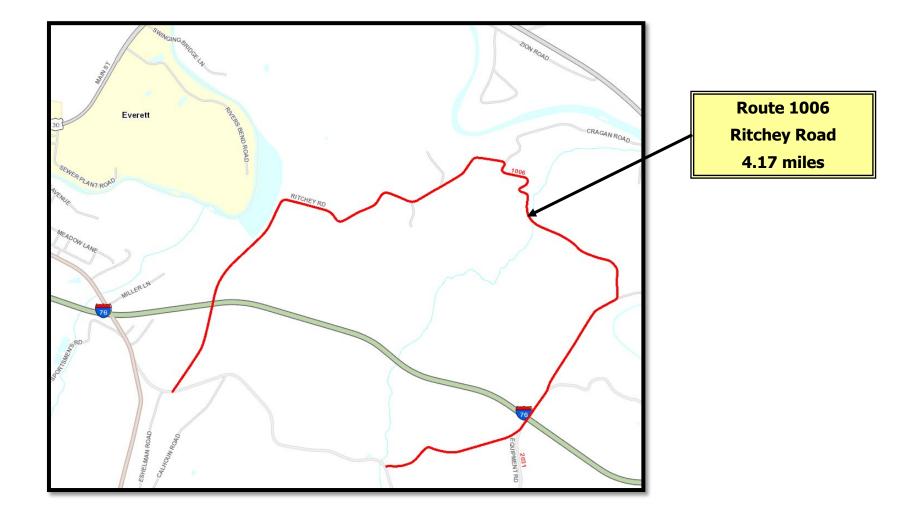
PUTTING MONEY ON THE ROAD

2023 Department Force Work Summary

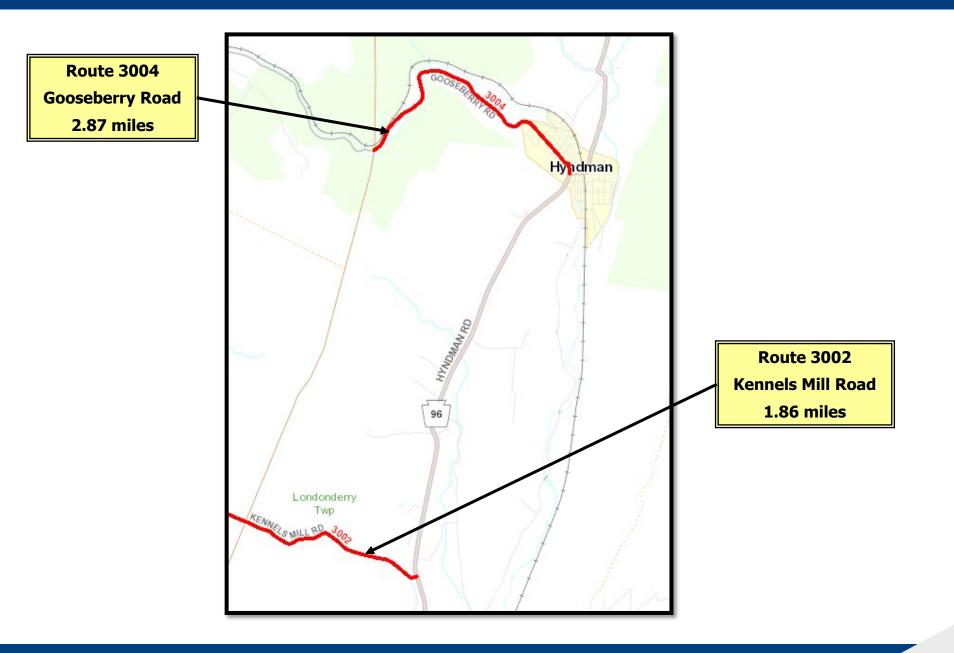
Seal Coating

- 66.65 miles on 16 routes
- Estimated Cost = \$1,004,235

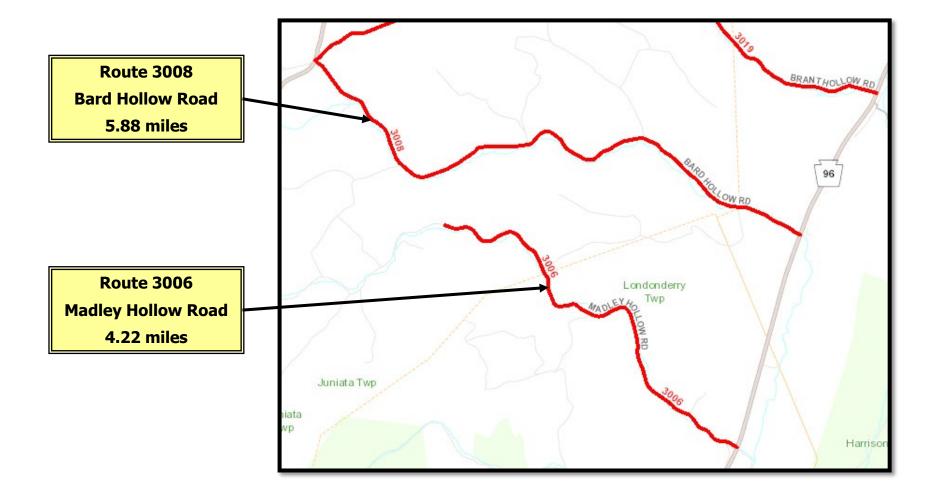




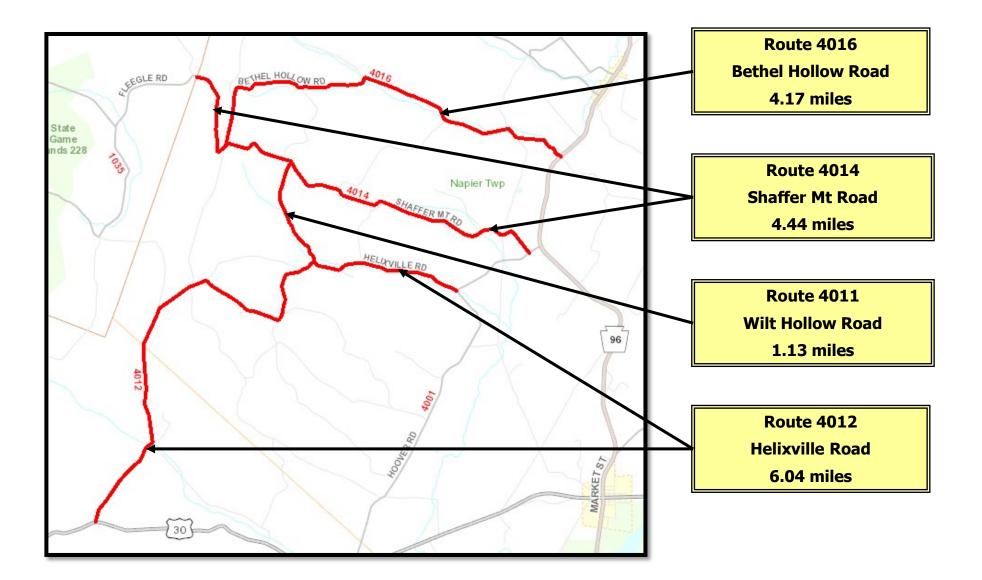




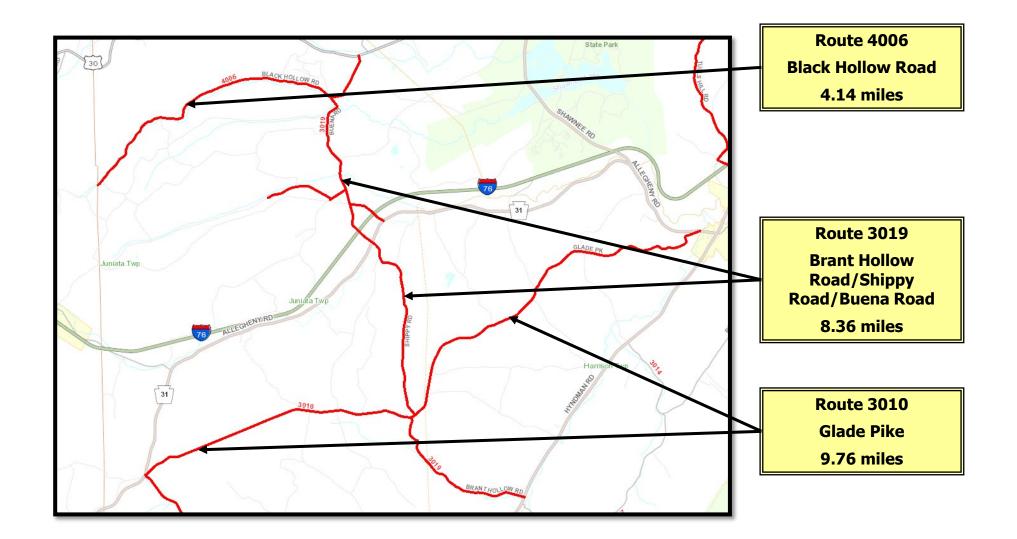




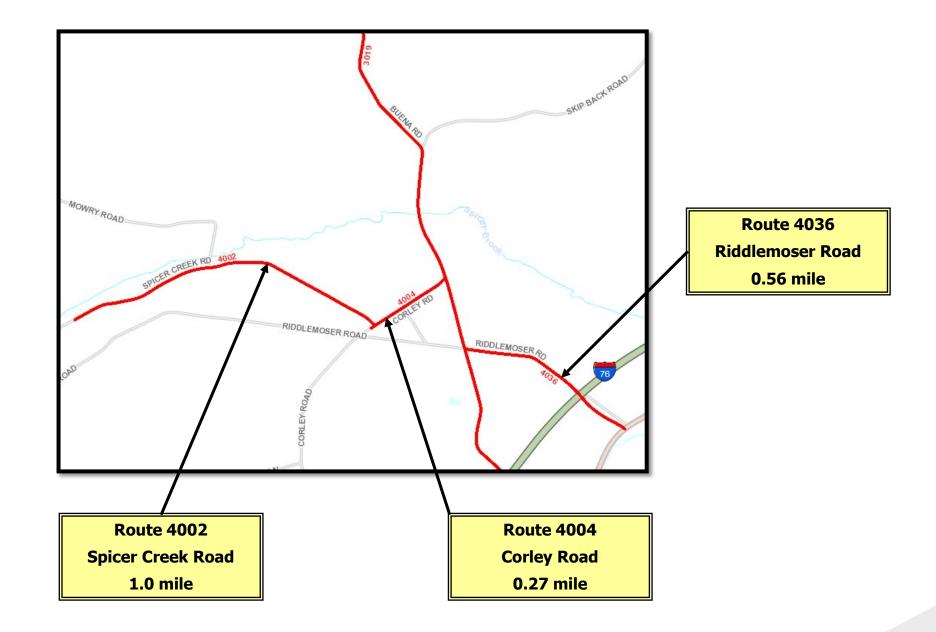


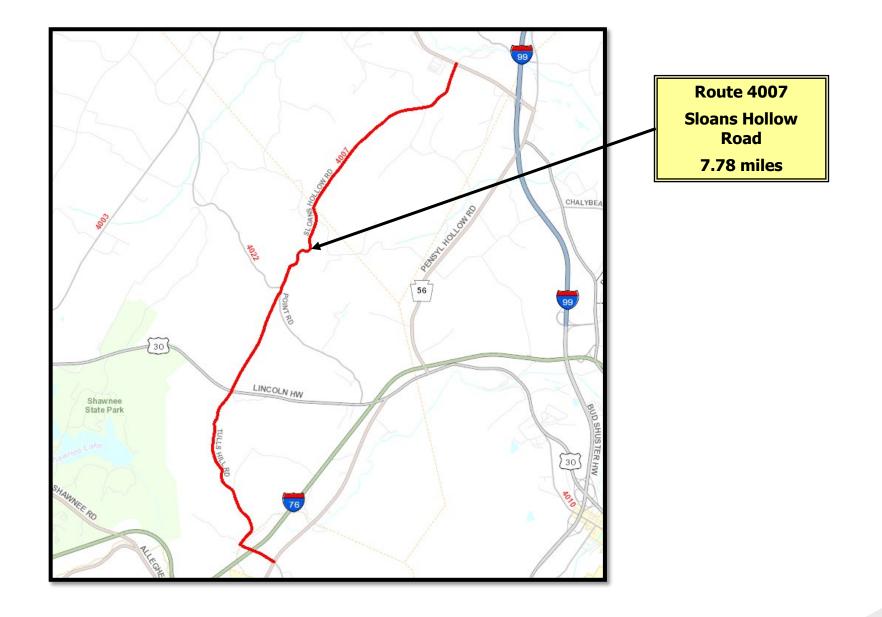














AGILITY AGREEMENTS

3 Agreements with Broad Top, Cumberland Valley & Londonderry Townships

Mowing for Line Painting, Salt Brine and Guide Rail Installation





Other Possible Activities

- Sign Replacements
- Crack Sealing
- Pipe Replacement
- Pipe Flushing



ADDITIONAL COUNTY ACTIVITIES

Patching

Guiderail Repairs and Upgrades

Sign Replacements

Crack Sealing

Shoulder Cutting

Bridge Maintenance

Pipe Replacement & Flushing

Mowing



MUNICIPAL LIQUID FUELS (MLF)

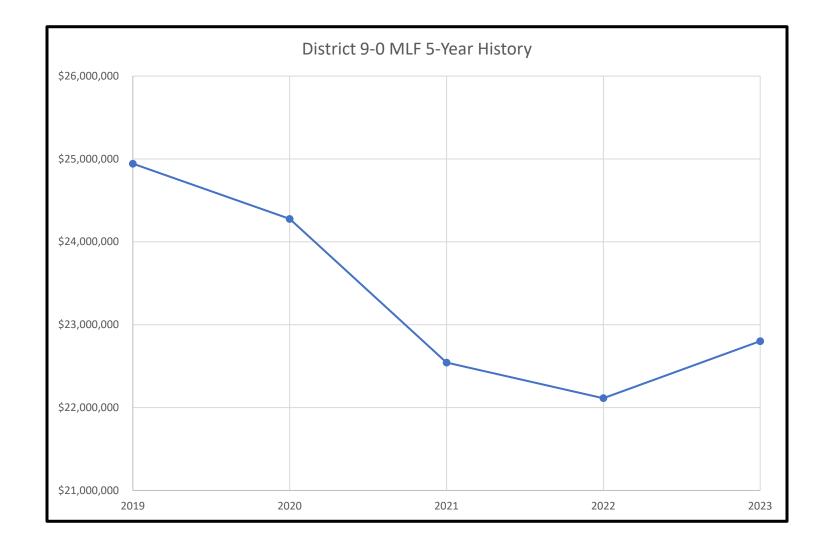
Municipal Liquid Fuels Allocation – Bedford County

- 2022 = \$3,509,973.94
- 2023 = \$3,617,838.58
- 3.07% increase in MLF Allocation from 2022 to 2023

Statewide Municipal Liquid Fuels Allocation

- 2022 = \$455,884,953
- 2023 = \$470,202,637

MUNICIPAL LIQUID FUELS (MLF)





THANK YOU FOR YOUR ATTENTION!



BEDFORD COUNTY DESIGN OVERVIEW

VINCE GREENLAND, P.E. ACTING DISTRICT EXECUTIVE



Appalachian Regional Commission (ARC) Local Access Road (LAR) Program Purpose:

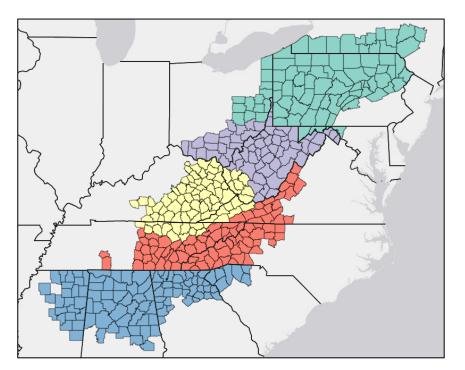
• Federal funding program that links the region's businesses, communities, and residents to the Appalachian Development Highway System as well as to other key parts of the region's transportation network

LAR Benefits:

- Offers a flexible approach
- Provides a financing mechanism
- Meets local needs
- Supports economic development
- Links communities, businesses, and residents of the transportation network

Eligible LAR Project Types:

- Industrial areas
- Commercial areas
- Residential developments
- Recreational areas
- Educational areas



Appalachian Region 5 Regions, 423 Counties, 13 States PA – 52 Counties



Funds may be used for the following phases:

- Preliminary engineering
- Right-of-way
- Construction (Initial)

However, specific items in the aforementioned phases may or may not be eligible

Funds may not be used on roadways previously built with LAR funds to:

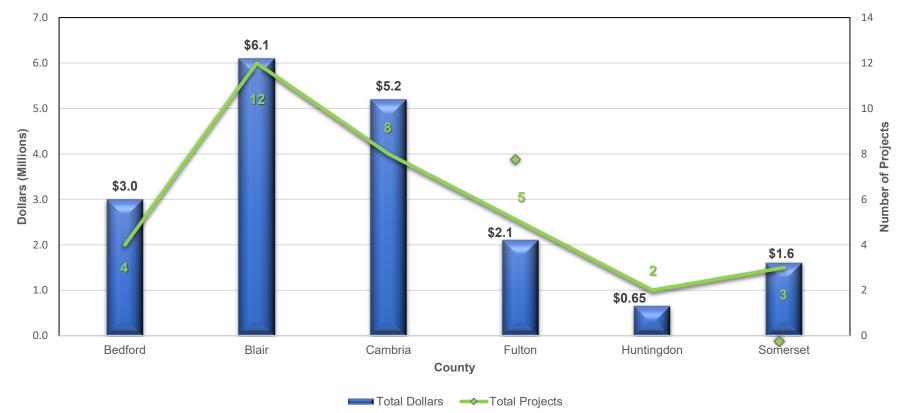
- Resurface
- Rehabilitate
- Upgrade
- Improve Safety

- Eligible sponsors:
 - State/Local agencies and government entities
 - Local governing boards
 - Nonprofit organizations
 - Indian tribes
 - Higher education institutes
- Ineligible Sponsors:
 - Individuals
 - For-profit entities
- There are no match requirements in Pennsylvania
- More Information:

Southern Alleghenies Planning Development Commission (SAP&DC) Mr. Brandon Peters (814) 949-6500

sapdc.org

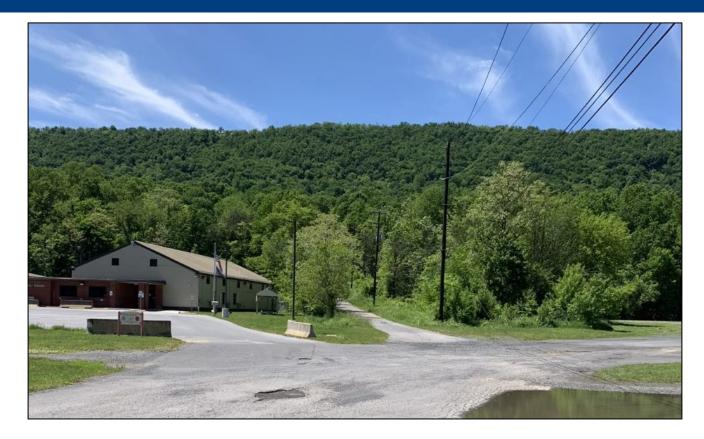




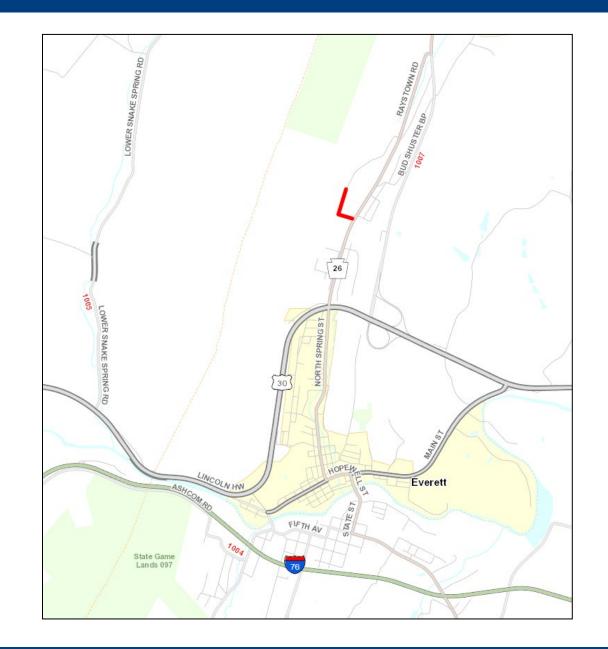
ARC LAR Total Investment 1994-2023

District 9-0 Total Investment: \$18.7 Million on 34 projects





- Scope: Construct new local road
- Location: Adjacent to Industrial Boulevard (T-460) in West Providence Township, Bedford County
- Award: \$2,051,960
- **Sponsor:** West Providence Township
- Anticipated Bid Opening: 4th Quarter 2024

















Current Design Projects

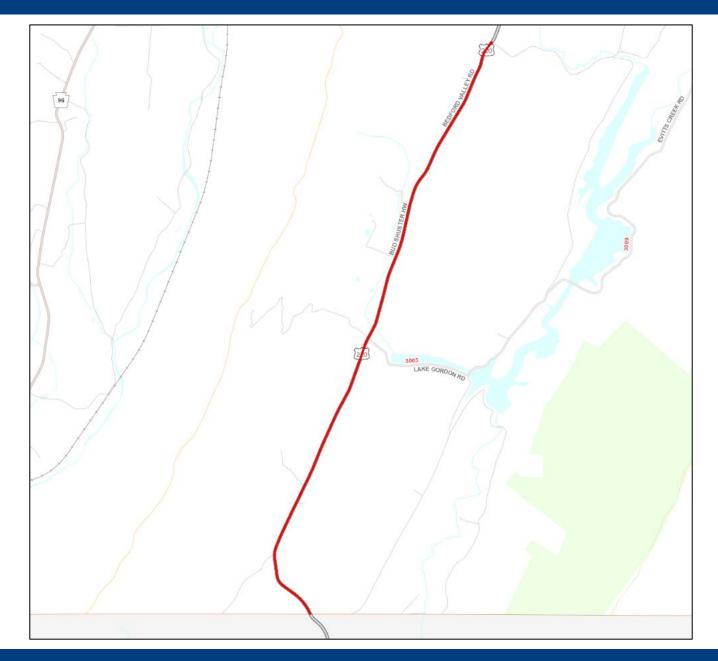




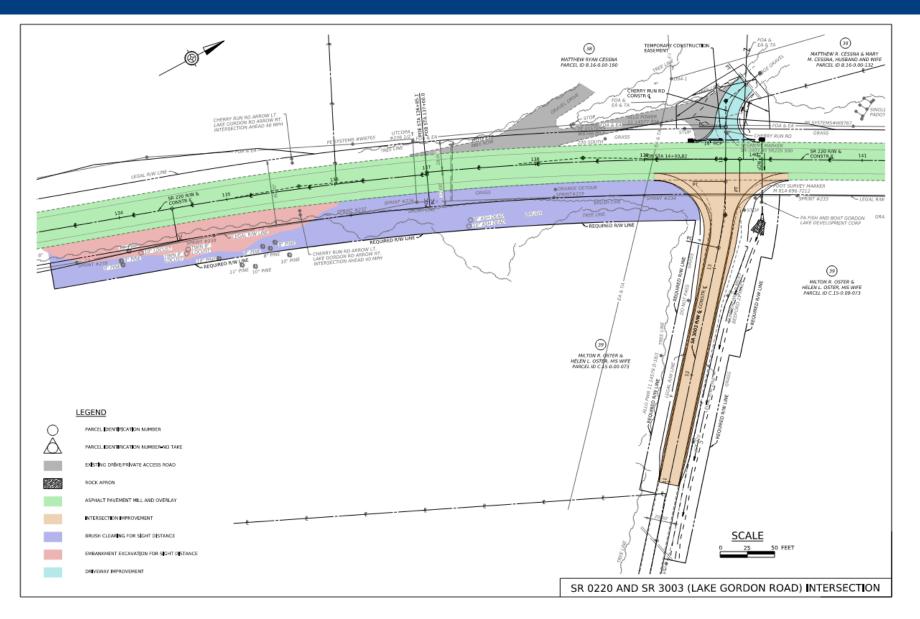


- **Project Type:** Resurfacing, drainage and guiderail upgrades, and intersection improvements
- Location: Resurfacing on US 220 from the Maryland State Line to Narrow Lane and safety improvements at the Lake Gordon Road and Narrow Lane intersections in Cumberland Valley Township
- **Construction Estimate:** \$5.0 \$10.0 Million
- Anticipated Bid Opening: 4th Quarter 2023

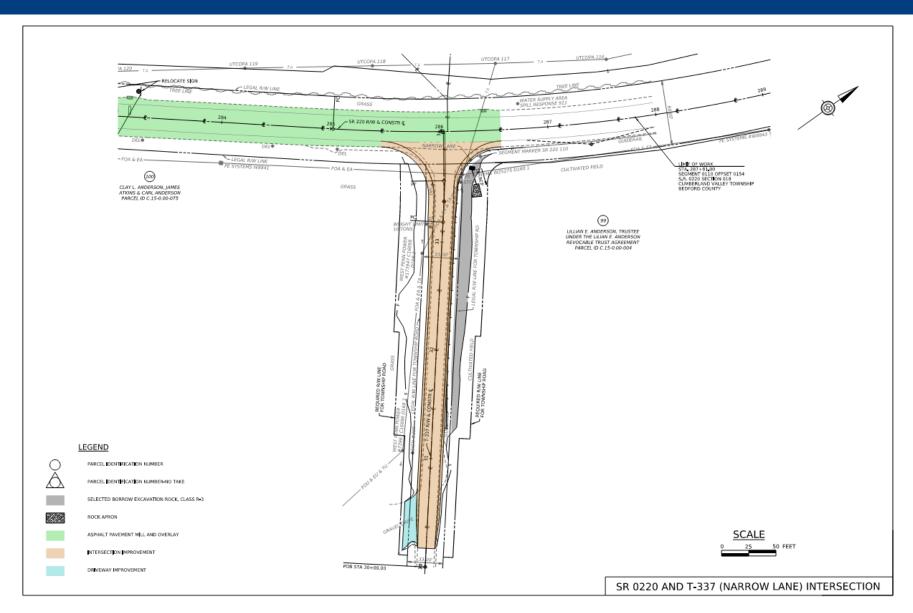










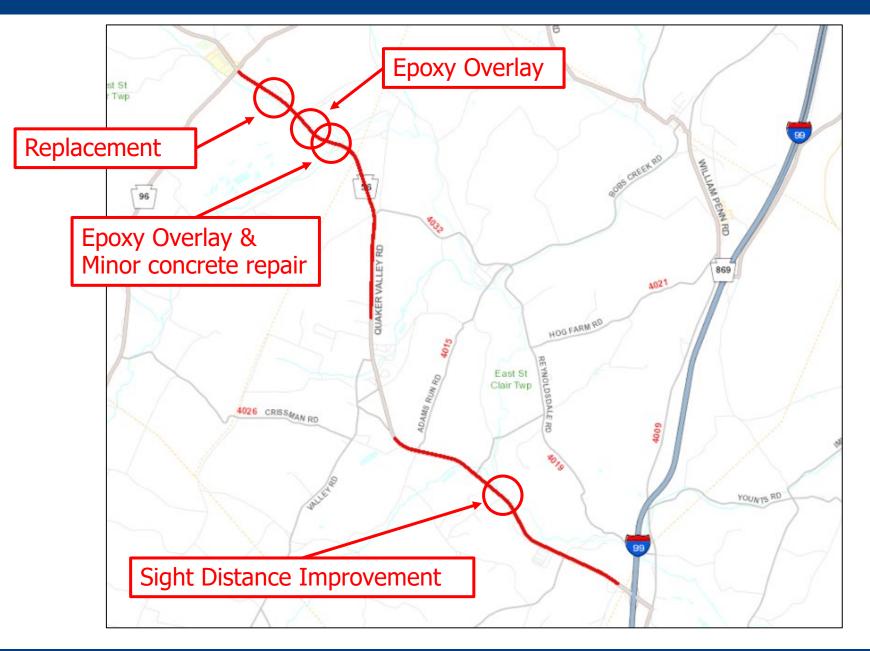


PA 56 – PA 96 TO RED OAK ROAD



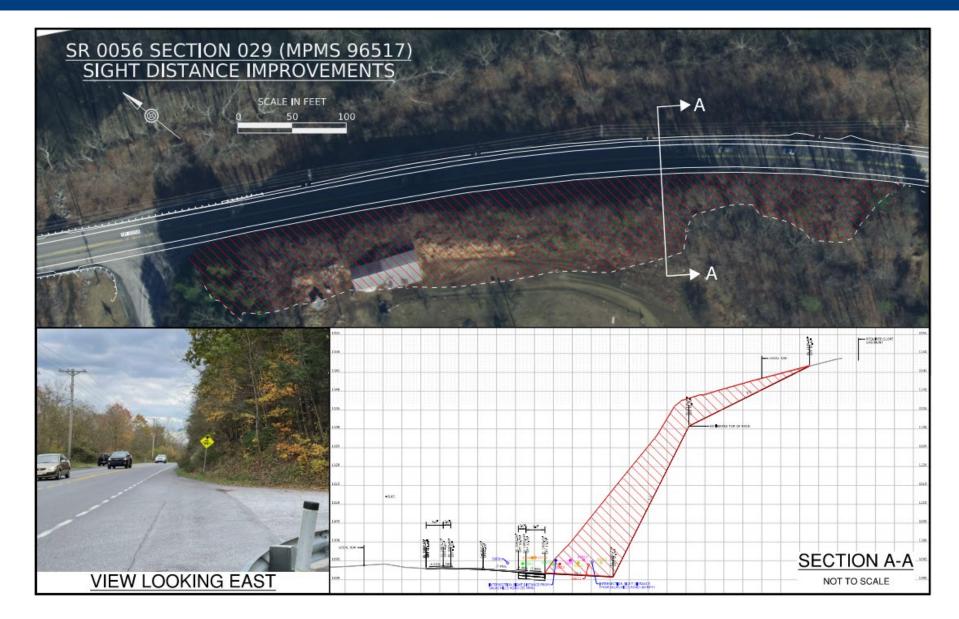
- **Project Type:** Resurfacing, drainage, guiderail upgrades, and improvements of two structures
- Location: Quaker Valley Road (PA 56) from School Street (PA 96) to Reynoldsdale Road (SR 4032) and from Old Quaker Church Rd (SR 4028) to Red Oak Road (T-672) in East St Clair and West St Clair Townships
- Construction Estimate: \$5.0 \$10.0 Million
- Anticipated Bid Opening: 1st Quarter 2024

PA 56 – PA 96 TO RED OAK ROAD





PA 56 – SALAS HILL RD (T-536) INTERSECTION





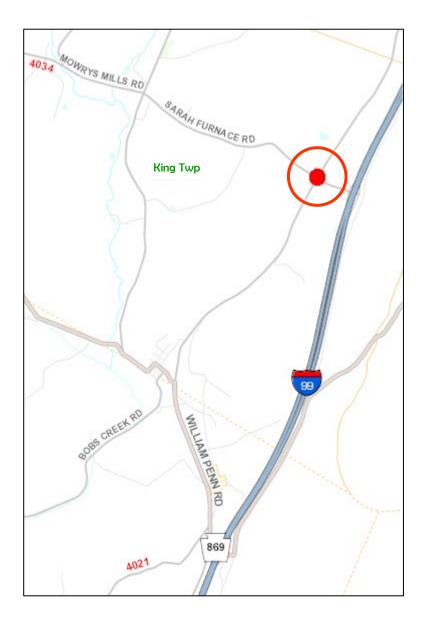
2024 SA RPO ICWS IMPROVEMENTS

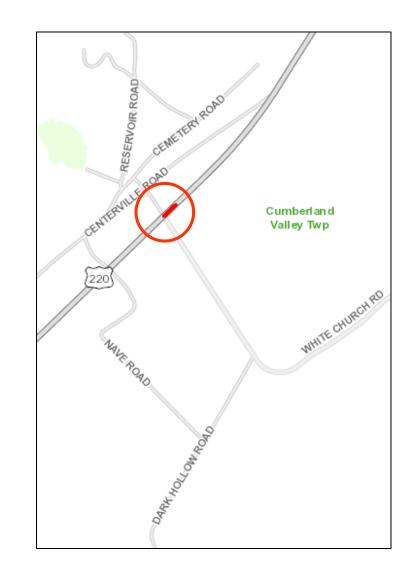


- **Project Type:** Intersection Conflict Warning System and LED stop signs
- Location: Intersection of William Penn Rd (SR 4009) and Sarah Furnace Rd (SR 4034) in King Township; Intersection of US 220 (Bedford Valley Rd) and White Church Rd (SR 3009) in Cumberland Valley Township. Contract also includes one location in Somerset County.
- **Construction Estimate:** Less than \$1.0 Million
- Anticipated Bid Opening: 2nd Quarter 2024



2024 SA RPO ICWS IMPROVEMENTS







2024 SA RPO ICWS IMPROVEMENTS

Sarah Furnace Rd / William Penn Rd

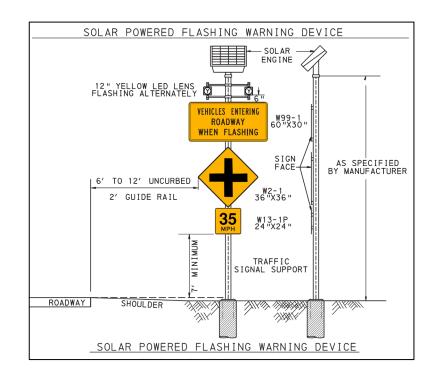
2023 Improvements:

- Rumble Strips on I-99 Leg
- Oversized Stop and Stop Ahead
 Signs
- Red Reflectors on Sign Posts

2024 Improvements:

- Flashing Warning Devices
- LED Stop Signs
- Slope Cutback





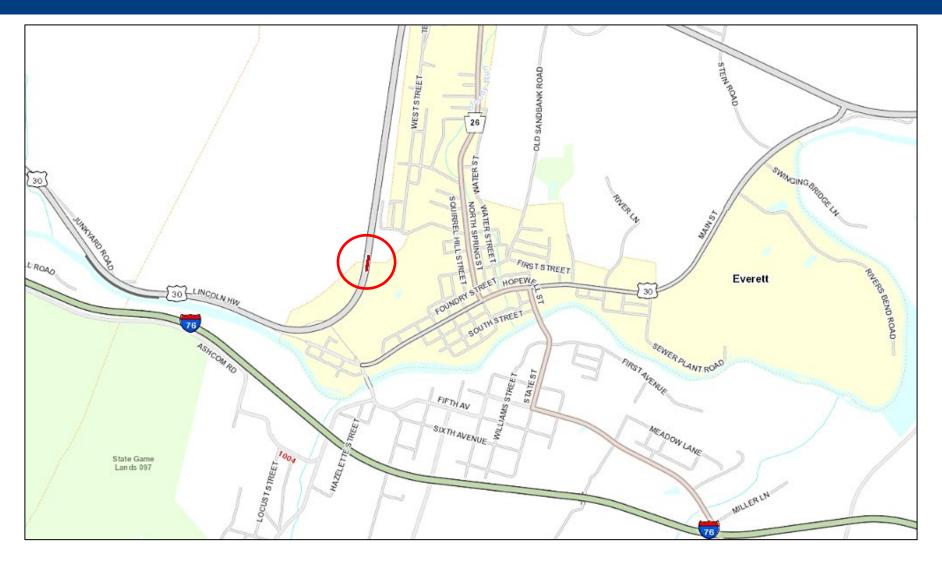


US 30 OVER FORMER RAILROAD



- **Project Type:** Bridge Rehabilitation
- Location: US 30 (Lincoln Highway) over former railroad in Everett Borough and West Providence Township
- **Construction Estimate:** \$1.0 \$5.0 Million
- Anticipated Bid Opening: 2nd Quarter 2024

US 30 OVER FORMER RAILROAD



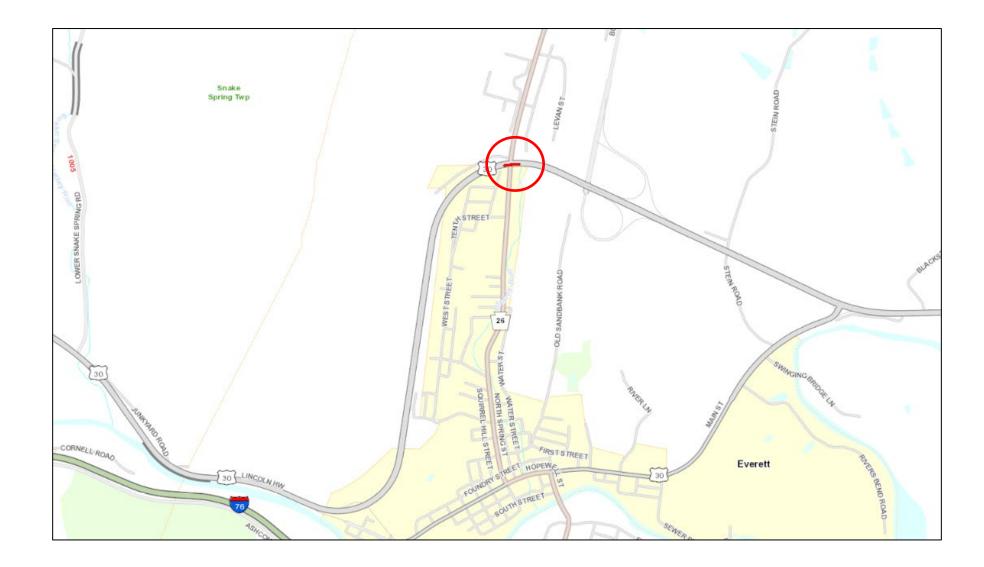


US 30 OVER PA 26



- **Project Type:** Bridge Restoration
- Location: US 30 (Lincoln Highway) over PA 26 (North Spring Street) in Everett Borough
- **Construction Estimate:** \$1.0 \$5.0 Million
- Anticipated Bid Opening: 2nd Quarter 2024

US 30 OVER PA 26





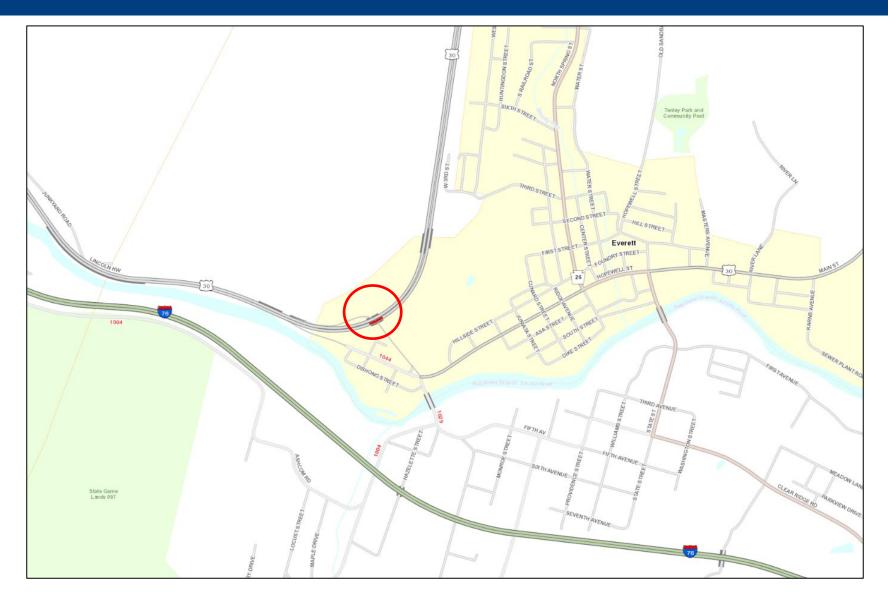
US 30 OVER SR 8014



- **Project Type:** Bridge Rehabilitation
- Location: US 30 (Lincoln Highway) over SR 8014 (US 30 WB Ramp) in Everett Borough
- **Construction Estimate:** Less than \$1.0 Million
- Anticipated Bid Opening: 2nd Quarter 2024

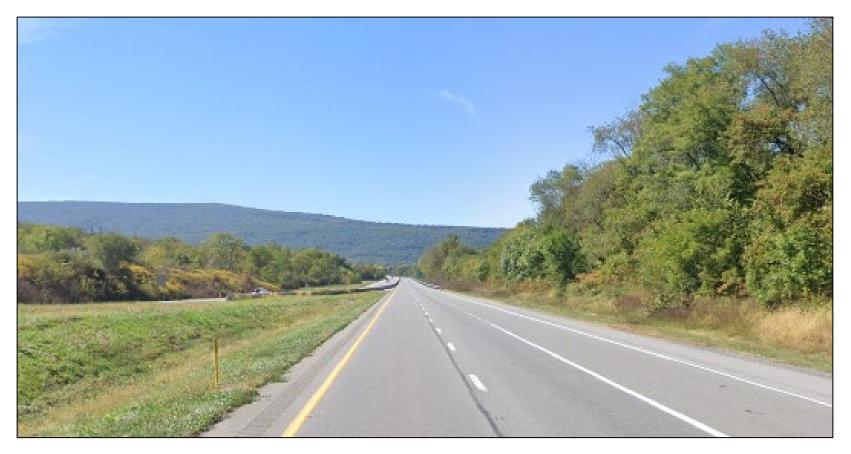


US 30 OVER SR 8014





US 30 - SCENIC ROAD TO PITT STREET



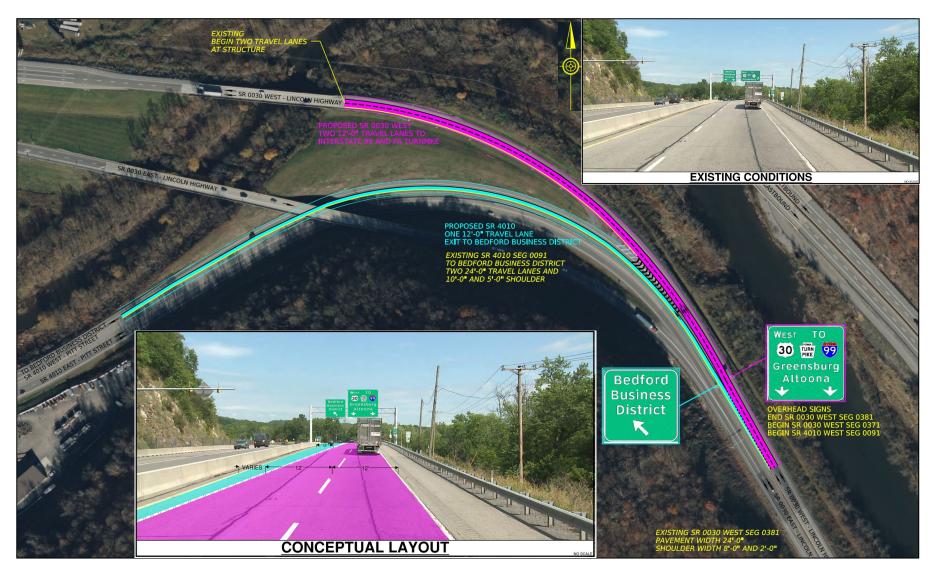
- **Project Type:** Resurfacing
- Location: US 30 from Scenic Road (T-706) to Pitt Street (SR 4010) in Bedford Borough and Bedford Township
- **Construction Estimate:** \$1.0 \$5.0 Million
- Anticipated Bid Opening: 4th Quarter 2024

US 30 - SCENIC ROAD TO PITT STREET





US 30 - SCENIC ROAD TO PITT STREET - LANE RECONFIGURATION



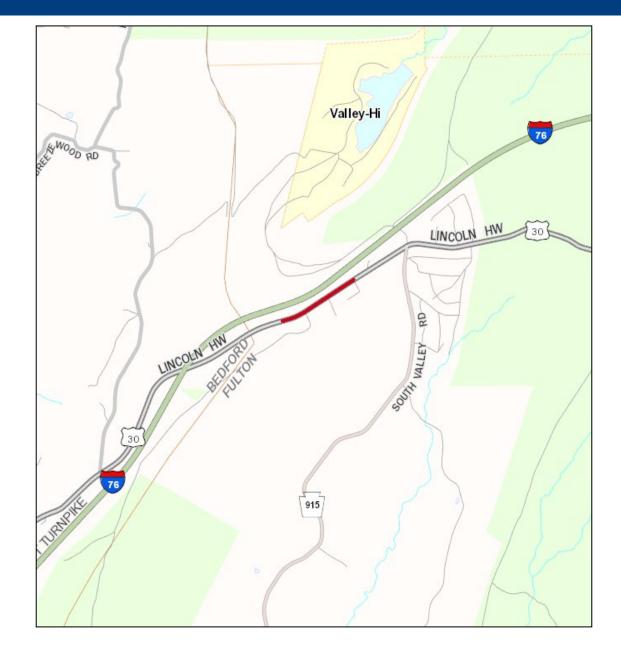


US 30 TRUCK TURNAROUND



- **Project Type:** Truck Turn Around
- Location: US 30 (Lincoln Highway) near the intersection of Thunder Rock Road in Brush Creek Township, Fulton County
- **Construction Estimate:** Less than \$1.0 Million
- Anticipated Bid Opening: 1st Quarter 2025

US 30 TRUCK TURNAROUND





US 30 TRUCK TURNAROUND



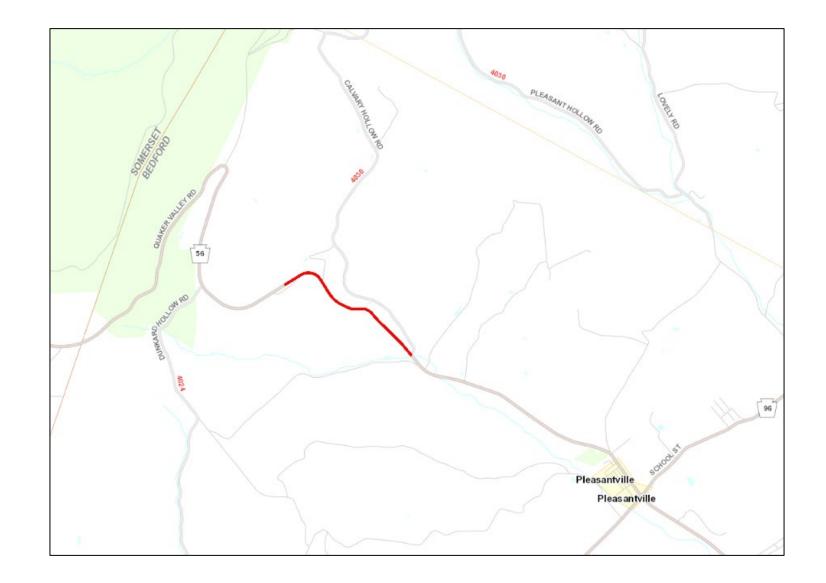


PA 56 - ROUZER ROAD TO CALVARY HOLLOW RD



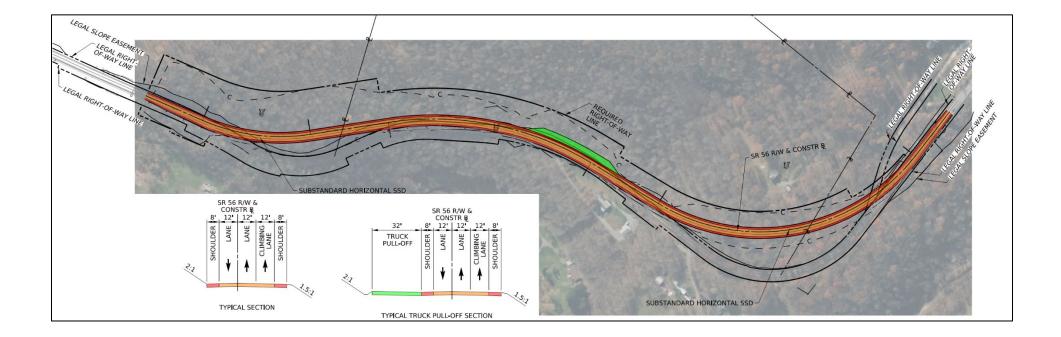
- **Project Type:** Roadway realignment
- Location: Two horizontal curves on PA 56 (Quaker Valley Road) between the intersections of PA 56 with Rouzer Road and Route 4030 (Calvary Hollow Road) in West St Clair Township
- **Construction Estimate:** Greater than \$10.0 Million
- Anticipated Bid Opening: 3rd Quarter 2025

PA 56 – ROUZER ROAD TO CALVARY HOLLOW RD





PA 56 – ROUZER ROAD TO CALVARY HOLLOW RD



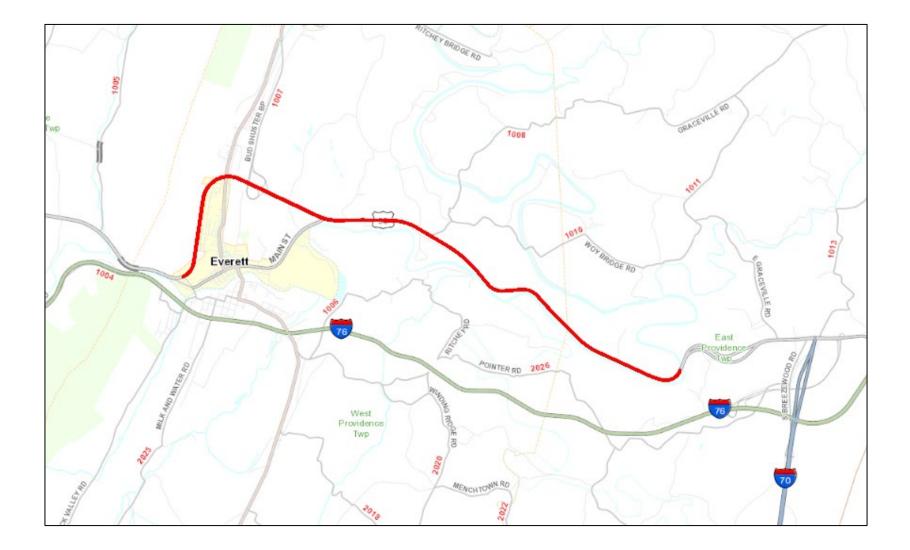


US 30 – BREEZEWOOD TO EVERETT



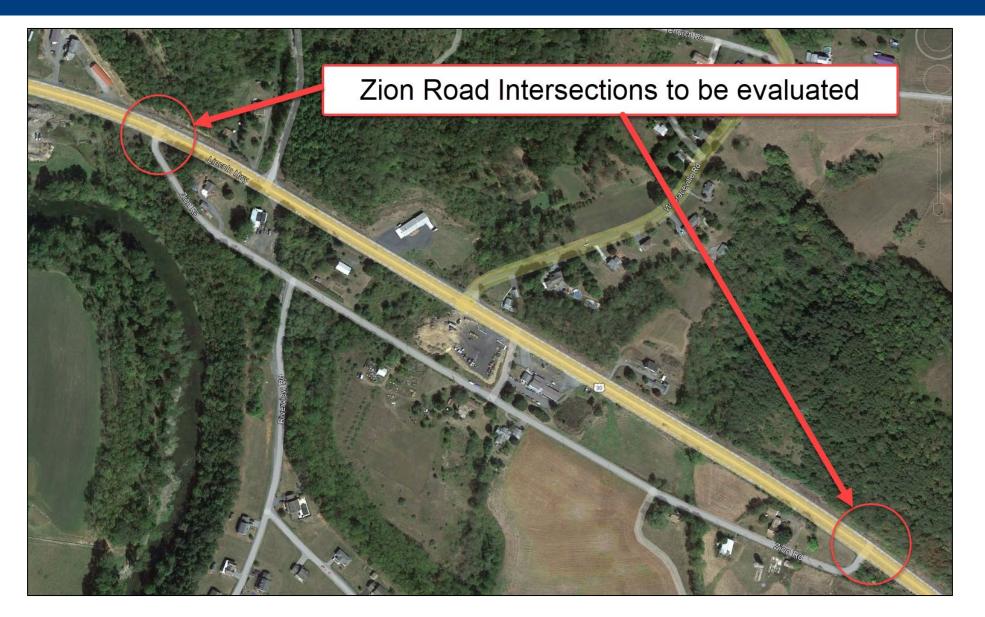
- **Project Type:** Resurfacing
- Location: US 30 from the end of the 4-lane west of Breezewood to the Juniata River Bridge in East Providence and West Providence Townships and Everett Borough
- **Construction Estimate:** Greater than \$10.0 Million
- Anticipated Bid Opening: 4th Quarter 2025

US 30 – BREEZEWOOD TO EVERETT





US 30 – BREEZEWOOD TO EVERETT





PA 31 – MANNS CHOICE BUFFALO RUN BRIDGE



- **Project Type:** Bridge Replacement
- Location: Allegheny Rd (PA 31) over Buffalo Run near the intersection of Glade Pike (SR 3010) in Manns Choice Borough
- **Construction Estimate:** \$1.0 \$5.0 Million
- Anticipated Bid Opening: 4th Quarter 2024

PA 31 – MANNS CHOICE BUFFALO RUN BRIDGE





SOUTHERN ALLEGHENIES PLANNING AND DEVELOPMENT COMMISSION



2023 Training Courses

- Asphalt Roads Common Maintenance Problems
 - April 26th- 8:00AM to 12:00 PM
 Everett Borough Municipal Building
 100 Mechanic Street, Everett, PA 15537
- Seal Coat
 - **June 8th-** 8:00AM to 12:00PM SAP&DC Office 3 Sheraton Drive, Altoona, PA 16601
- Public Works Safety
 - **June 22nd-** 8:00AM to 12:00PM Logan Township Municipal Building 100 Chief Logan Circle, Altoona, PA 16602
- Principle of Paving
 - July 13th- 8:00AM to 3:00PM
 Conemaugh Township Municipal Building
 1120 Tire Hill Road, Johnstown, PA 15905





- Unpaved & Gravel Roads Common Maintenance Practices
 - September 11th- 8:00AM to 12:00PM
 - Warriors Mark-Franklin Vol. Fire Company
 - 4571 Fire House Lane, Warriors Mark, PA 16877
- Public Works Safety
 - September 26th- 8:30AM to 12:30PM Penn Highlands Community College 881 Hills Plaza, Ebensburg, PA 15931 Winter Maintenance Planning
 - October 12th- 8:00AM to 12:00PM
 - SAP&DC Office
 - 3 Sheraton Drive, Altoona, PA 16601

LTAP Technical Assistance

- LTAP provides free tech assists to municipalities to trouble shoot specific roadway issues.
- PennDOT LTAP technical experts are available by phone, by e-mail, and in person to help you troubleshoot your specific maintenance and safety problems.
 - Highway Safety:
 - Guiderails/Roadside safety.
 - Speed control, stop signs, and traffic calming.
 - Traffic studies.
 - Signs.
 - Pedestrian safety
 - Infrastructure Management:
 - Pavement management.
 - Drainage
 - Winter management.
 - Posting and bonding.
 - Bridge and culvert.

County	# of Tech Assists	Hours Spent	Average Hours
Bedford	2	20	10
Blair	13	109	8.38
Cambria	5	27	5.4
Fulton	1	1	1
Huntingdon	4	25	6.25
Somerset	10	49	4.9
Total	35	231	6.6

Registering for LTAP

				A Home	LTAP Tools 🚽	🕤 Help	Sign In 🖕
TAP Tools	User Account						* = Required Value
A Home	First Name: *				dle Initial:		
III Current Courses	First Name.			IVIIG			
Course Info	Last Name: *				Suffix:		
A Roads Scholar Program	Address: *						
Create Account	Address 2						
o News Items	Address2:						
Public Resources and Documents	City: *						
About LTAP	State: *				Zip: *		
	Job Title:						
	Company:						
	Company.						
	County:	ADAMS, PA	*	Phone: *			
	Municipality: *	(23) - ABBOTTSTOWN BORO [ABBOTTSTOWN (ADAMS COUNTY)])
	Mobile:			Fax:			
	Email: *	mbjorkman					Not a valid emai
		address					
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		ROAD SCHOLAR ADM	INISTRATIVE	0 😼		F	
		ROADS SCHOLAR 1			0		
		ROADS SCHOLAR 2					

For any help creating an account or registering contact me: Email: mbjorkman@sapdc.org Phone: (814) 949-6553

THANK YOU!

