

# **PENNDOT DISTRICT 9-0 CAMBRIA COUNTY**

VINCE GREENLAND, P.E.  
DISTRICT EXECUTIVE



Pennsylvania  
Department of Transportation

# AGENDA

## **Vince Greenland**, District Executive

- Greeting and Introductions/Agenda Summary
- Transportation Update

## **Joe Casper**, Assistant Construction Engineer

- Construction Project Update
- Overview for 2025 Construction Season

## **Mike Peachey**, County Maintenance Manager

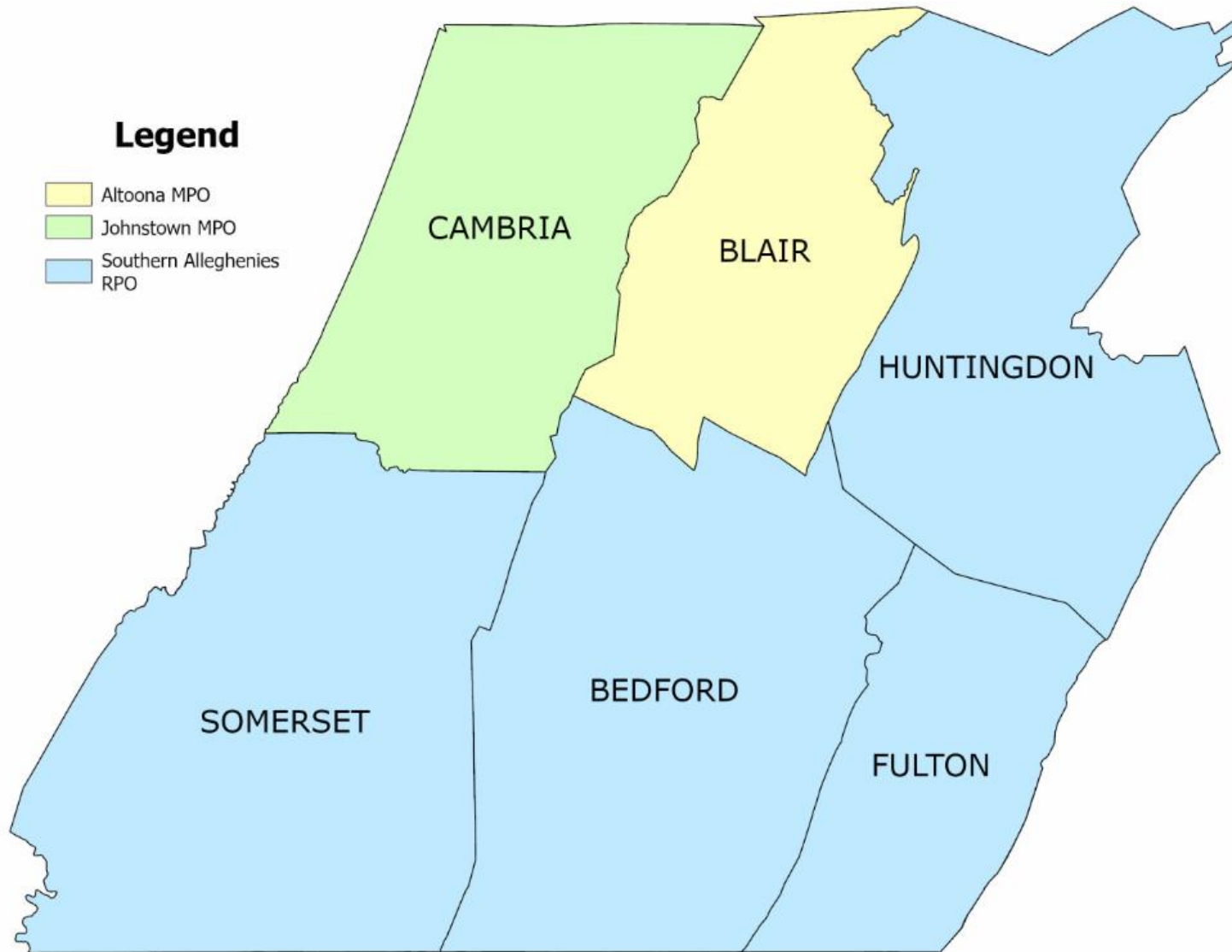
- Winter Wrap-Up
- County Funded Improvements

## **James Pruss**, Assistant District Executive, Design

- Multimodal Transportation Fund
- Future Projects

*Question and Answer Session*

# DISTRICT 9: OVERVIEW



- 6 Counties
- 883 Employees
- Bridges
  - 2,100 State Bridges
    - 2.0% Poor Deck Area
  - 465 Local Bridges
    - 20.9% Poor Deck Area
- 4,004 Miles of Roadway
  - 15.4% Poor IRI

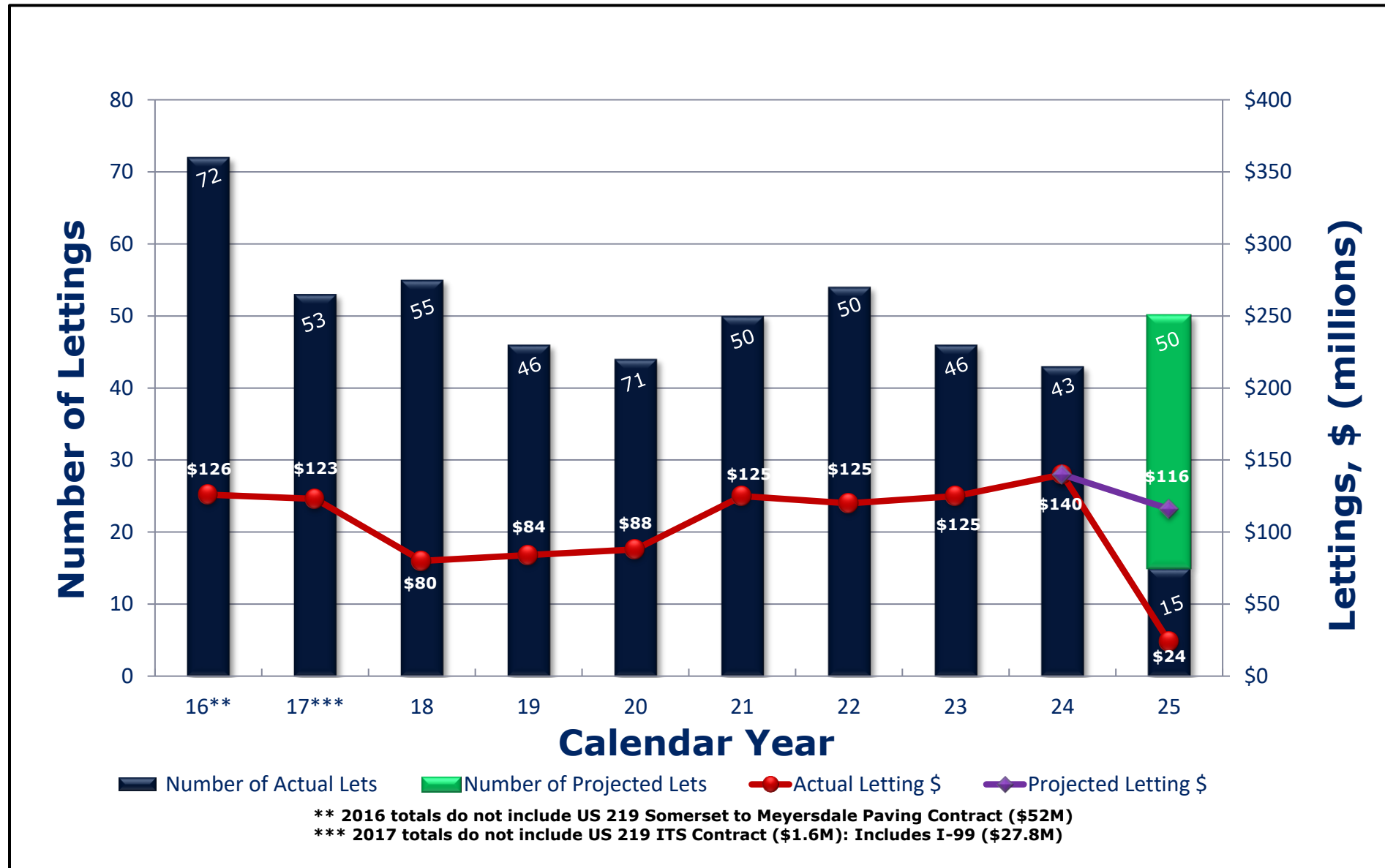
# 2025 Program Overview & Challenges



# TIP FINANCIAL GUIDANCE COMPARISON

	Act 89				BIL		2023-2025 TIP Difference	
Planning Region	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%
<b>District 9-0</b>	<b>\$ 309,973</b>	<b>\$ 265,245</b>	<b>\$ 261,069</b>	<b>\$ 243,734</b>	<b>\$ 369,836</b>	<b>\$ 394,160</b>	<b>\$ 24,324</b>	<b>6.6%</b>

# DISTRICT 9-0 PROJECT LETTINGS



# ASSET CONDITION

## State Route System

	Statewide	Districtwide	Southern Alleghenies	Cambria County	Blair County
Poor IRI, miles (%)	10,005 (23.3%)	613 (15.4%)	466 (17.3%)	111 (15.2%)	35 (6.5%)
Poor Bridge, # (%)	2,302 (9.1%)	121 (5.8%)	109 (7.6%)	7 (2.1%)	5 (1.5%)

## Additional Statistics

### Bridges (Total Brdgs / Average Age)

- Districtwide: 2,100 / 50 yrs.
- Southern Alleghenies: 1,444 / 52 yrs.
- Cambria County: 332 / 47 yrs.
- Blair County: 324 / 45 yrs.

### Roads (Miles / Ave Built Yr. / Ave Resurf Yr.)

- Districtwide: 4,004 / 1952 / 2014
- Southern Alleghenies: 2,724 / 1952 / 2014
- Cambria County: 740 / 1951 / 2014
- Blair County: 540 / 1954 / 2015

\*The 2 oldest state bridges in District 9 are masonry stone arches that carry Route 53 in Cambria County. Both were built in 1832 and rehabbed in 2019 and 2020. Neither are in Poor condition.

# ASSET CONDITION

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# Bridge Challenges



# U.S. 22 OVER JUNIATA RIVER

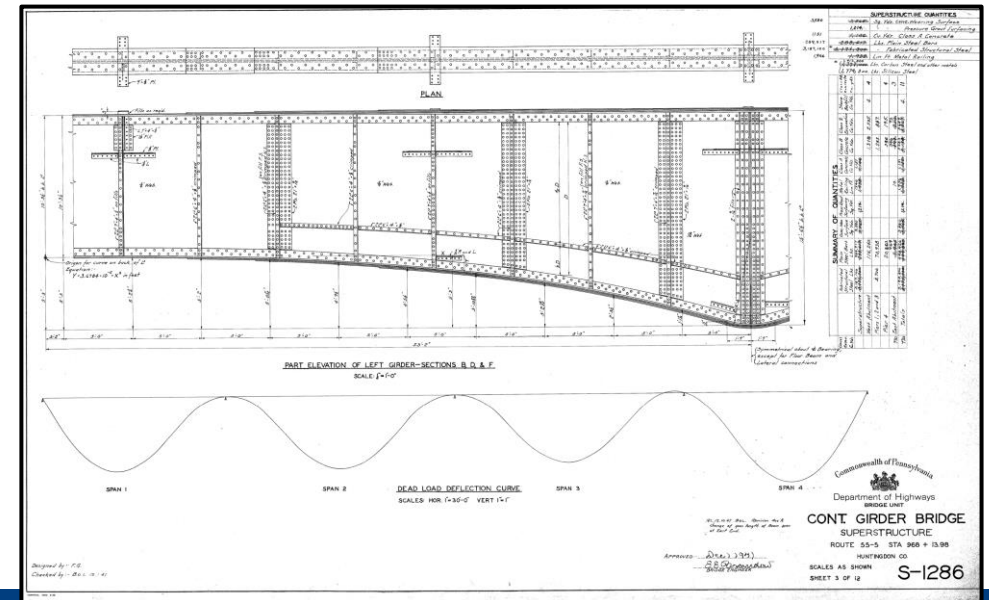
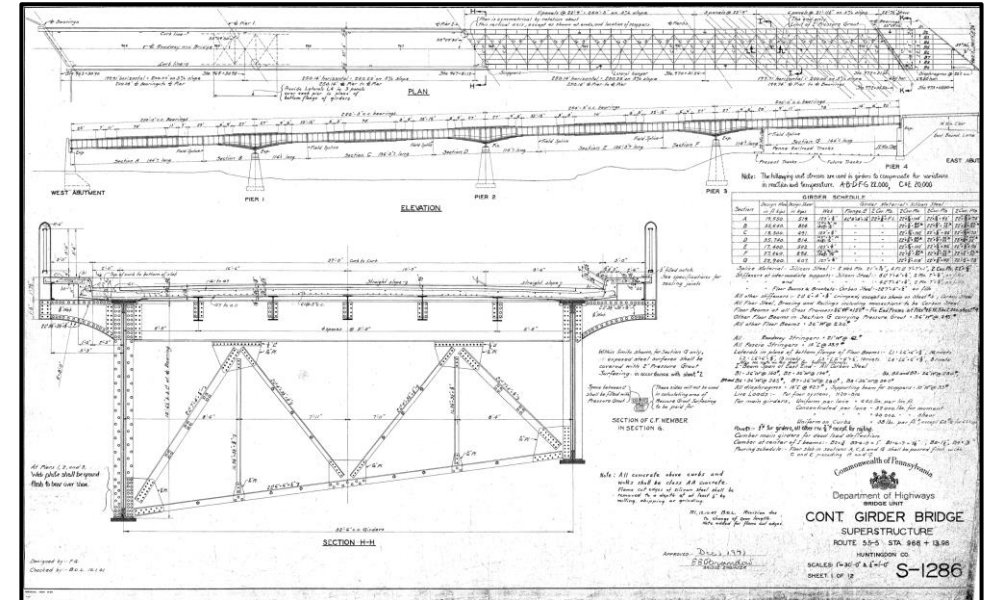


- Features:
  - Over Route 1010 (Penn St), Railroad, Juniata River
  - Length: 983'
  - Spans - 5
  - Width: 47'
  - Traffic Volume: 9,540 vehicles per day



# U.S. 22 MILLION DOLLAR BRIDGE

- Original Construction:
  - Constructed: 1949
  - Cost: Around \$1 million
  - 13 Sheet Structure Plan
  - Life Expectancy: Believed to be 75 yrs.
- Maintenance and Rehabilitation Work
  - 2007 – Rehabilitation Project: Complete Deck & Partial Superstructure Replacement
  - Construction Cost: \$11.2 million
  - 57 Sheet Structure Plan



# U.S. 22 MILLION DOLLAR BRIDGE

- Replacement Considerations:
  - 75-yr. Life Expectancy for Original Build ~ 2024
  - Replacement Cost:
    - Pre-Construction Cost: \$10 million
    - Construction Cost: \$35 million
    - Total Cost: \$45 million

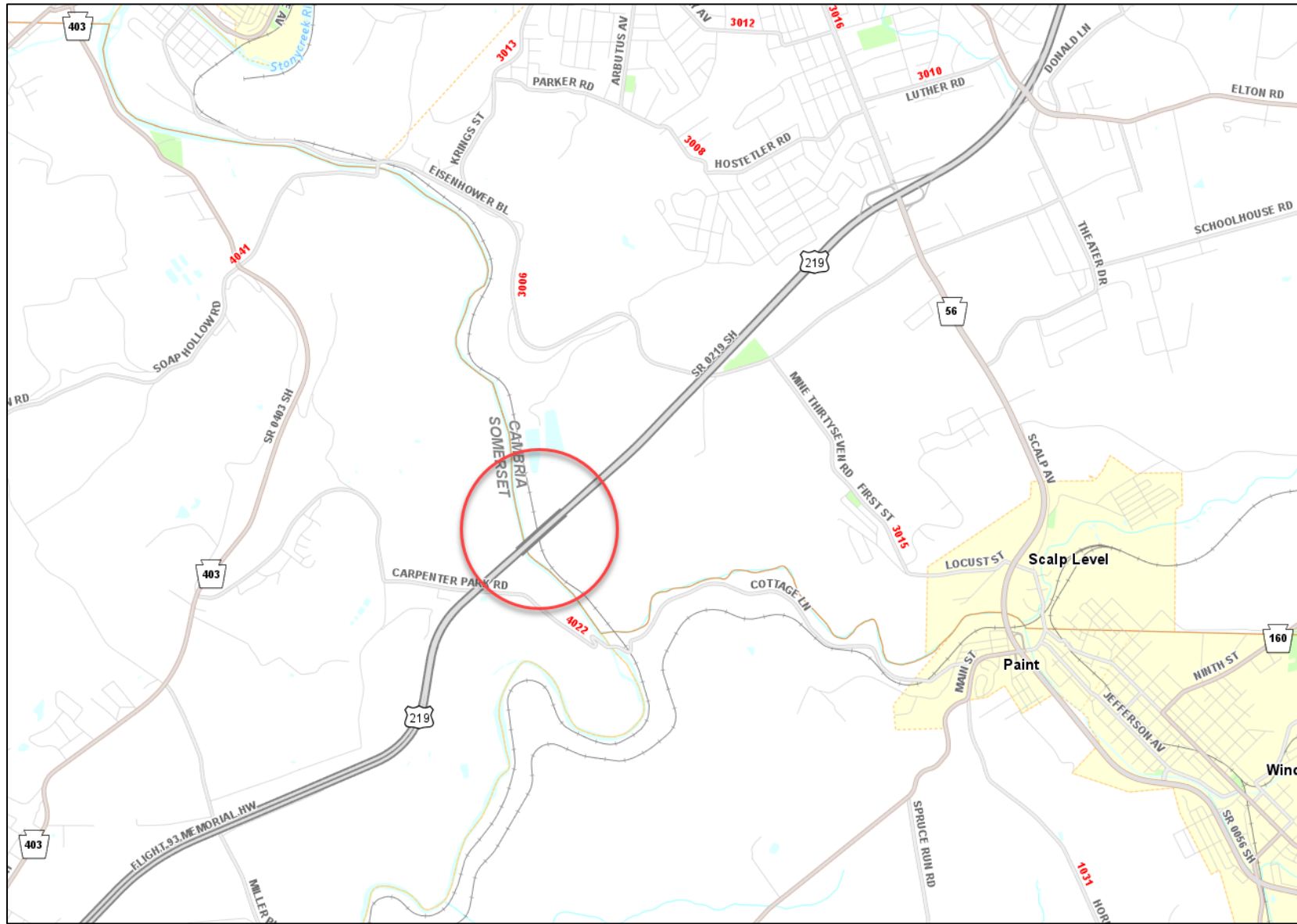


# MCNALLY BRIDGE STUDY



- Study of bridge on U.S. 219 over CSX Railroad and Stonycreek River in Conemaugh Township, Somerset County and Richland Township, Cambria County
- **Estimated Cost:** \$350,000
- **Estimated Completion:** 2025

# MCNALLY BRIDGE STUDY

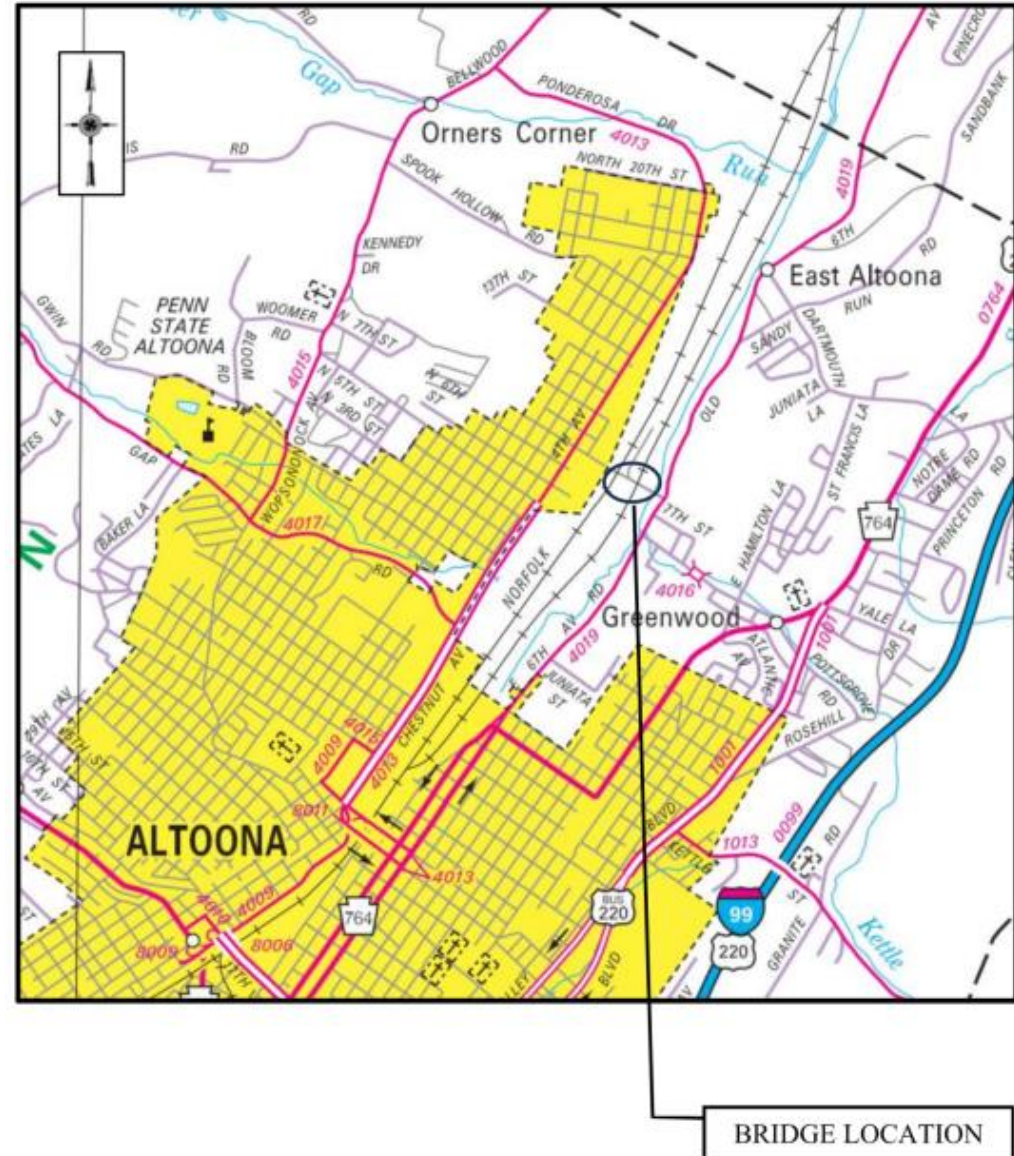




# BLAIR COUNTY 8<sup>TH</sup> STREET BRIDGE

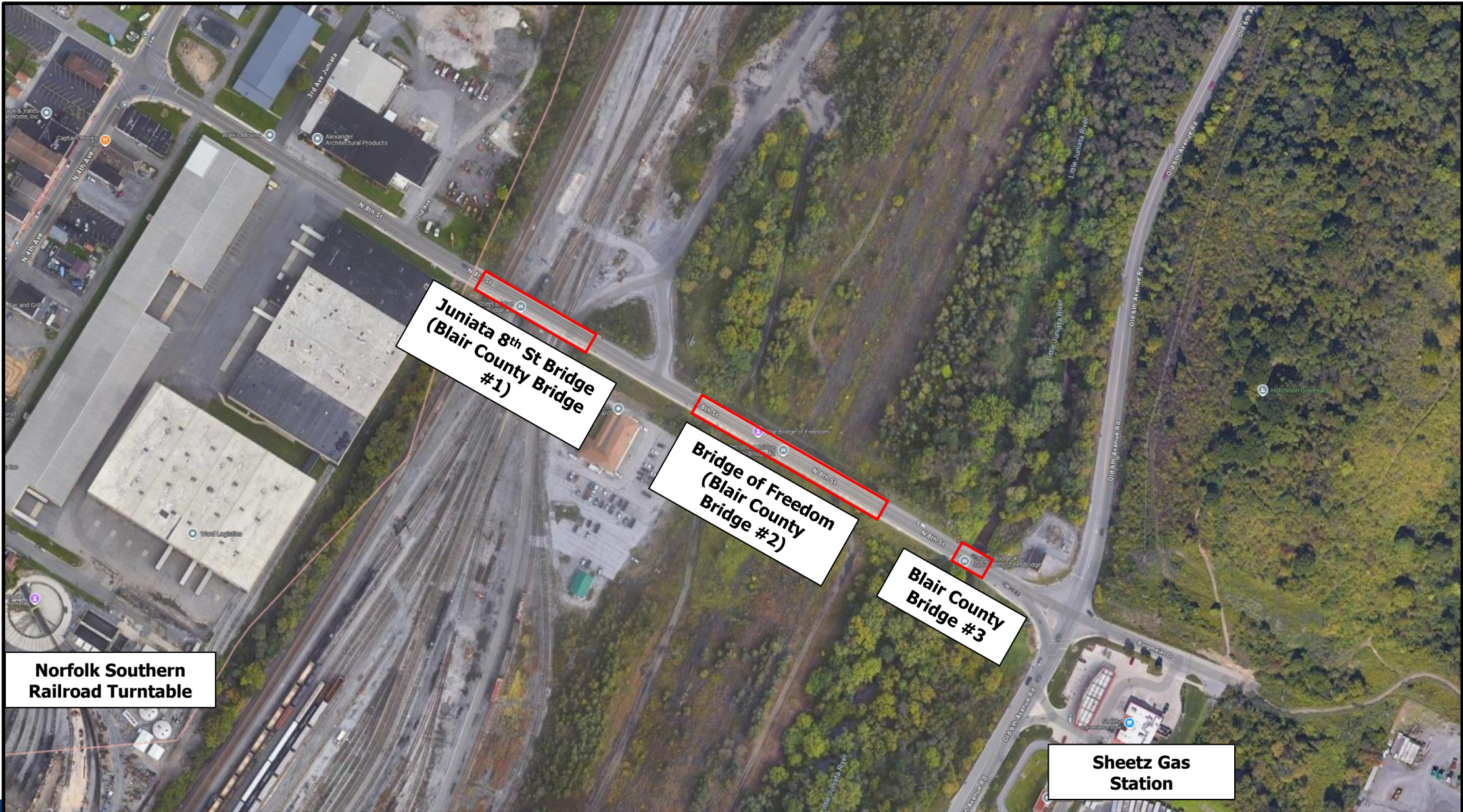


- **Location:** Carrying 8<sup>th</sup> Street Over Norfolk Southern RR in Juniata
- **Current Status:** Load Posting of 29/33 Tons with June 2024 Inspection
- Full/Superstructure Replacement
- **Anticipated Cost :** TBD
- **Construction Year:** Unfunded





# BLAIR COUNTY 8<sup>TH</sup> STREET BRIDGE

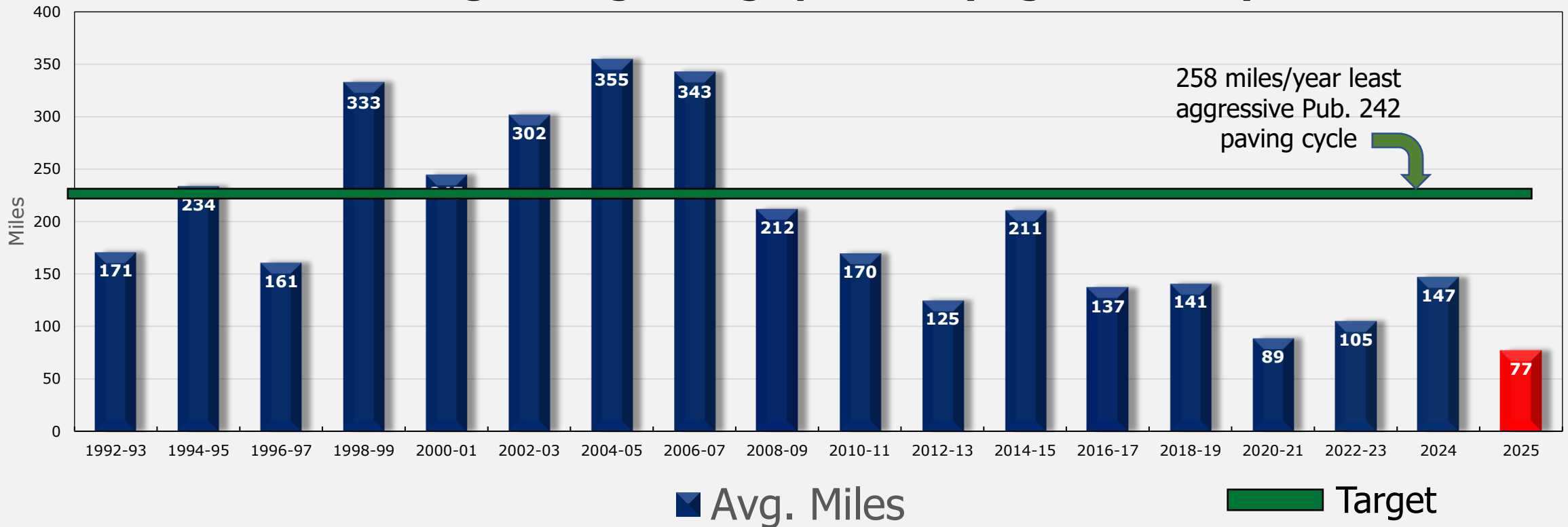


# Roadway Challenges



# ASSET MANAGEMENT UPDATE & FUTURE PLANS - ROADWAY

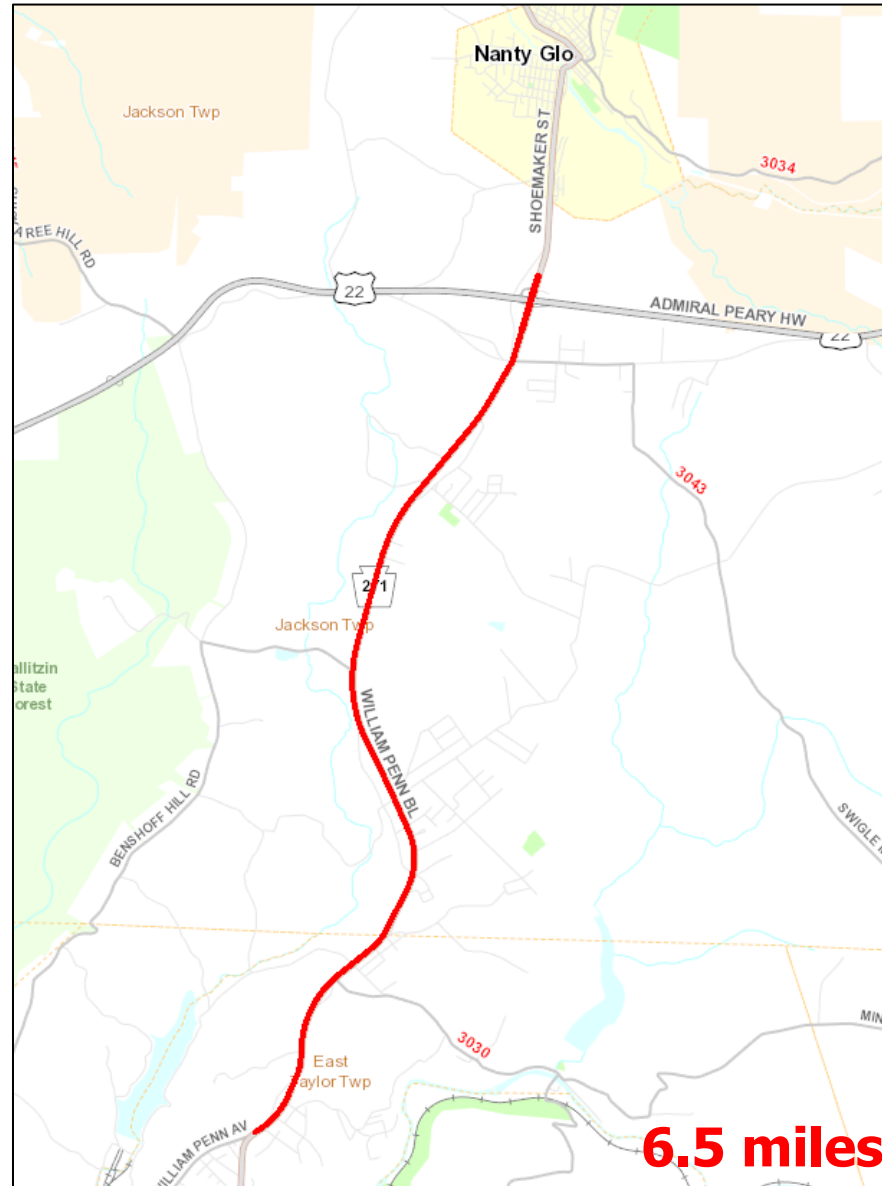
## Avg. Paving Mileage per Year (Segment Miles)



## CHALLENGES

- Maintenance funds have traditionally funded much of our asphalt paving
- Higher costs for contracted asphalt paving
- Balancing priorities for drainage, guiderail, ADA, tree trimming, sign updates, safety, geotechnical while still paving as much mileage as practical
  - Early 2000's maintenance funded resurfacing ~ 90% of funds went directly into paving
  - Current maintenance funded resurfacing ~ 60-65% of funds going to paving (35-40% for other priority work)

# ROUTE 271 –ROUTE 3037 TO MUNDY’S CORNER



# ROUTE 271 – ROUTE 3037 TO MUNDY'S CORNER

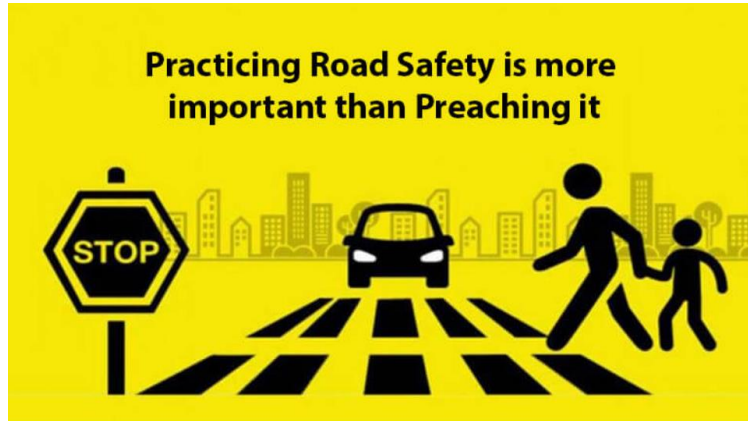


- **Project Type:** Resurfacing
- **Location:** Route 271 from William Penn Avenue (State Route 3037) to Mundy's Corner Interchange in East Taylor and Jackson Townships, Cambria County
- **Construction Estimate:** \$1.0 - \$5.0 Million **(UNFUNDED)**
- **Last Resurfaced:** 2003
- **ADT:** 4,765



# Safety

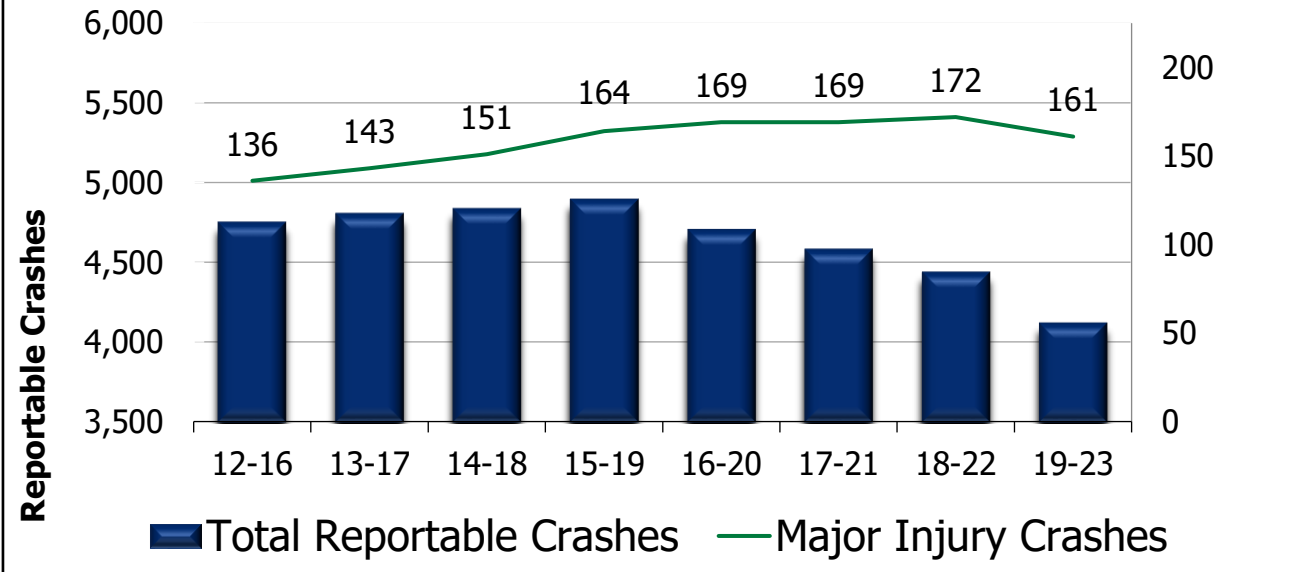
# SAFETY



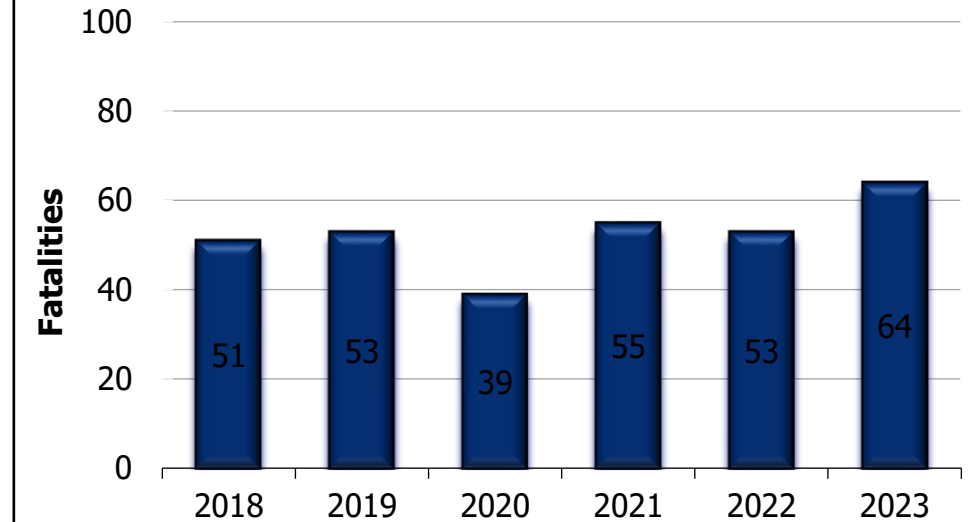
## District 9

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

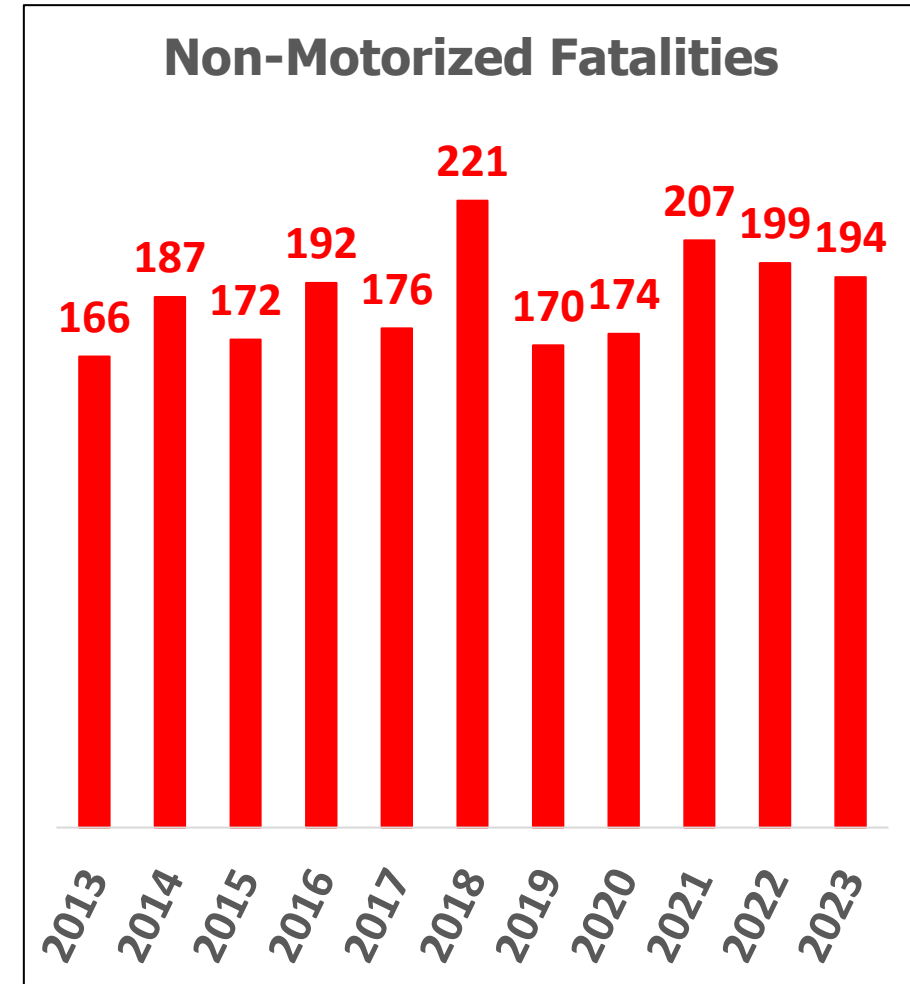
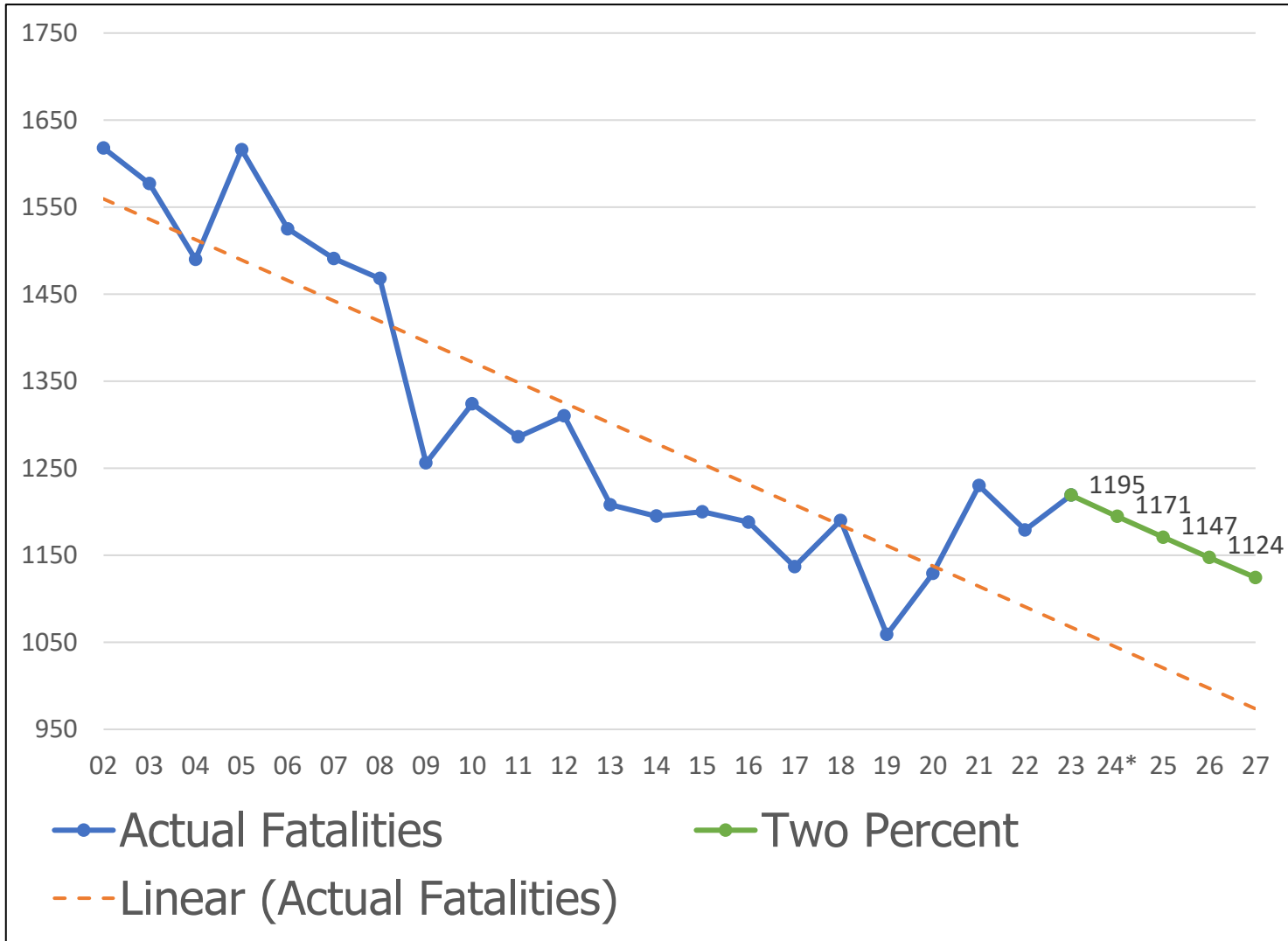
### 5-yr Avg Total Reportable Crashes & Major Injury Crashes



### Highway Fatalities



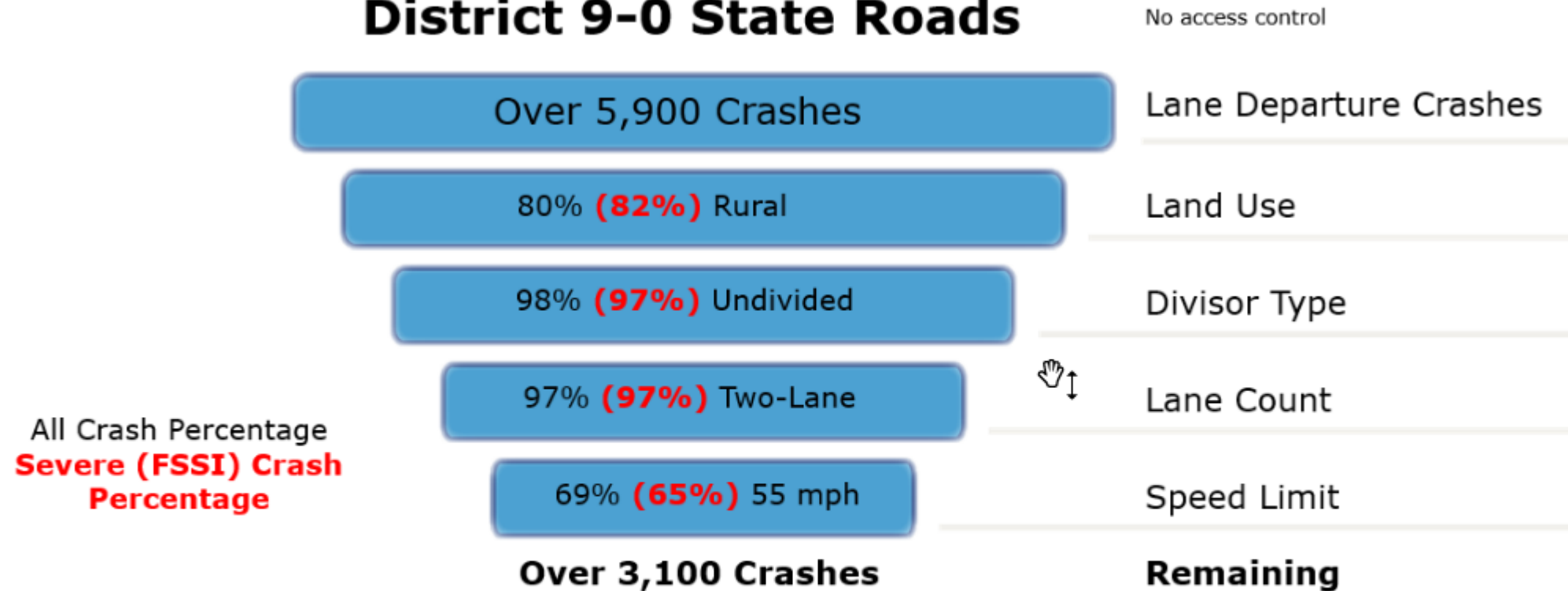
# FATALITIES - STATEWIDE



\*Reportable crash data for 2024 is not complete.

# DISTRICT HIGHWAY SAFETY PLAN

## District 9-0 State Roads



### FOCUS FACILITY TYPE:

Rural, Undivided, 2 Lane, 55mph roadways

# DISTRICT 9-0 HIGHWAY SAFETY IMPROVEMENT PROJECTS

Altoona MPO: \$1,274,250/year

Johnstown MPO: \$1,102,000/year

Southern Alleghenies: \$1,573,750/year

Statewide Reserve (Set Aside): \$35,000,000/year

7 **High Friction** Contracts installed between 2015 and 2019 have an aggregated 47% reduction in all crashes looking 3 years prior vs. 3 years after.

2019 Districtwide **High Friction** Contract (110865) – 75% Reduction in all crashes 3 years before vs. 3 years after.

2016 SR 31 Two Way Left Turn Lane (88523) – 50% Reduction in all crashes 5 years before vs. 5 years after.

2018 Districtwide **Centerline & Edgeline Rumble Strip** Contract (106779) – 26% Reduction 3 years before vs. 3 years after.

# BE SAFE ON OUR ROADWAYS!



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

# THANK YOU

## Questions?

# CAMBRIA COUNTY CONSTRUCTION PROJECTS

JOSEPH CASPER  
ASSISTANT CONSTRUCTION MANAGER



Pennsylvania  
Department of Transportation



# AWARDED CONTRACTS



Pennsylvania  
Department of Transportation

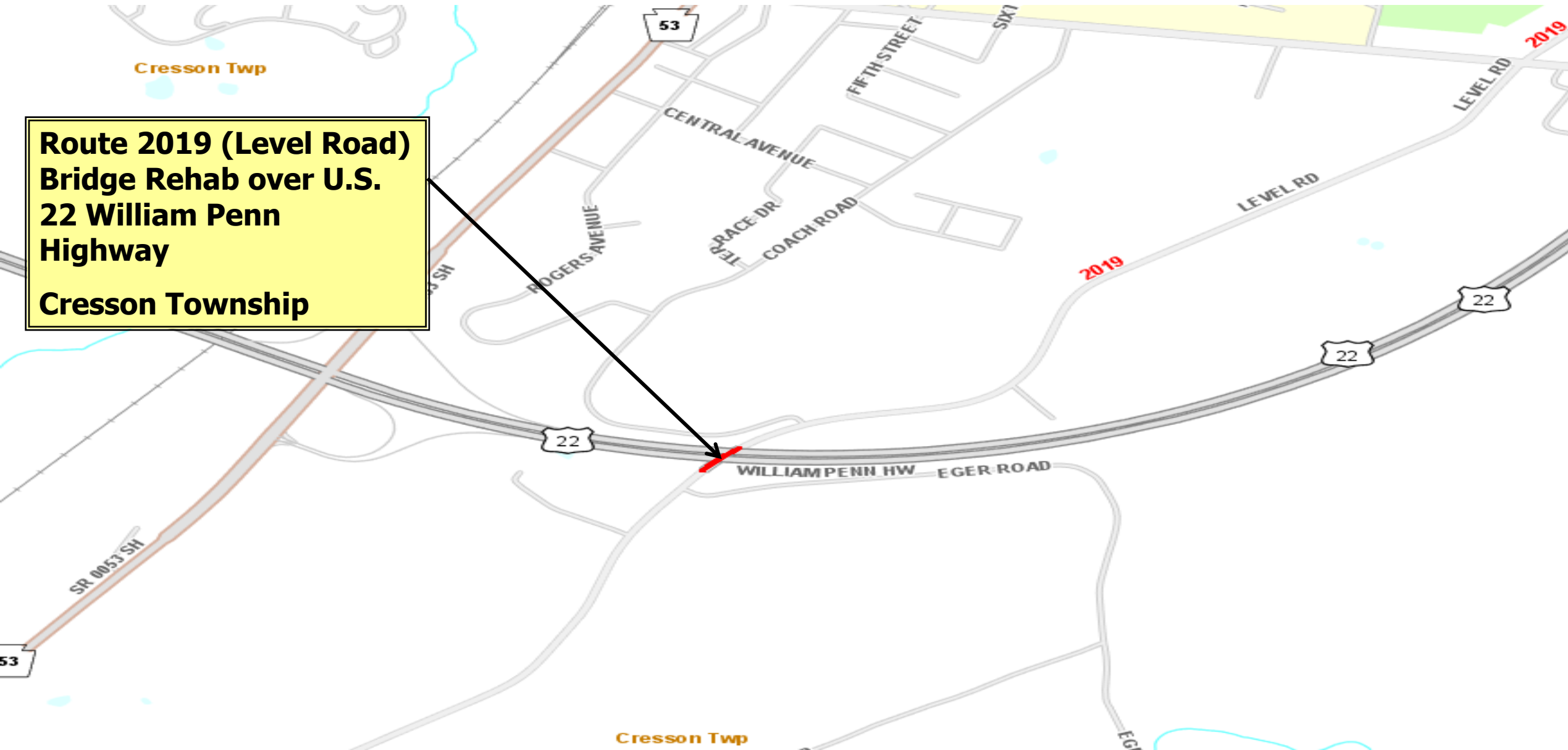
# ROUTE 2019 OVER U.S. 22 BRIDGE – D/B



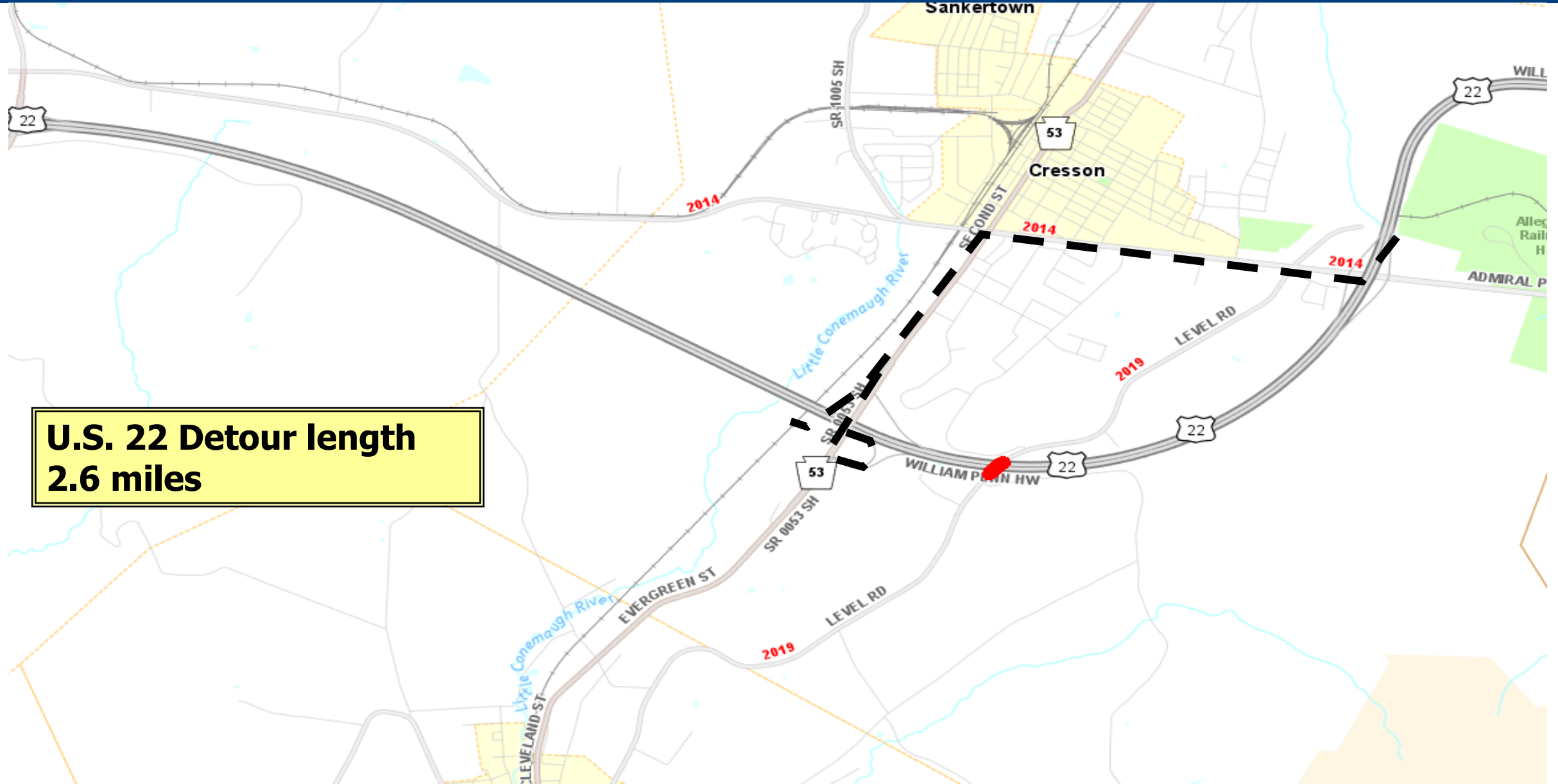
- **Scope:** Bridge Rehab - Design/Build
- **Traffic Control:** Route 2019 (Level Road) detour, U.S. 22 lane closures and nighttime detours, 2 each for east and westbound lanes (6.3 miles)
- **Construction Timeframe:** April – October 2025
- **Detour Implementation Date:** April 1, 2025 (Level Road)
- **Anticipated Date Detour to be Lifted:** October 14, 2025
- **Contractor:** Charles J. Merlo, Inc.
- **Current Contract:** \$ 3,994,000

# ROUTE 2019 OVER U.S. 22 BRIDGE – D/B

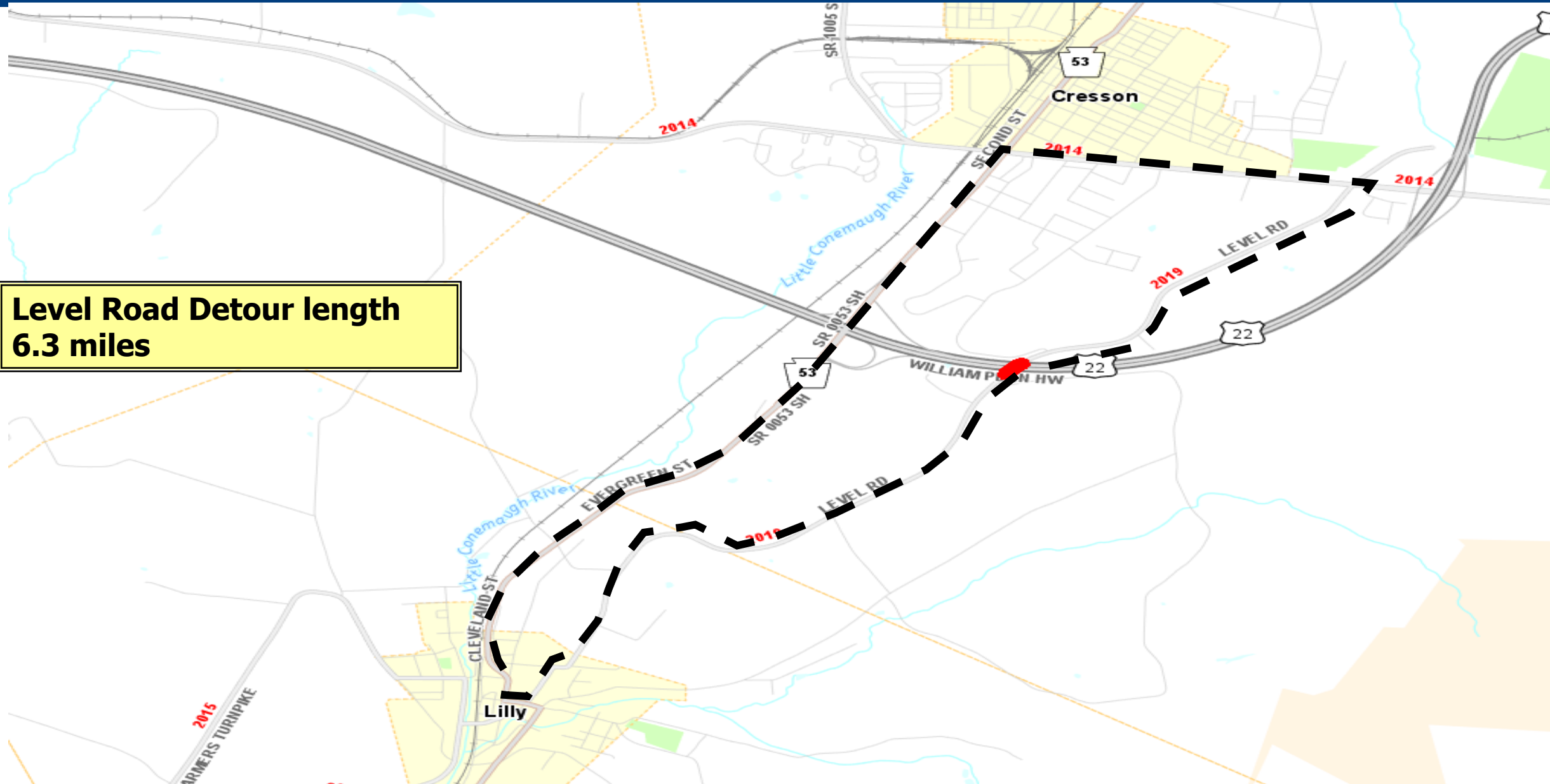
**Route 2019 (Level Road)  
Bridge Rehab over U.S.  
22 William Penn  
Highway  
Cresson Township**



# ROUTE 2019 OVER U.S. 22 BRIDGE – D/B



# ROUTE 2019 OVER U.S. 22 BRIDGE – D/B



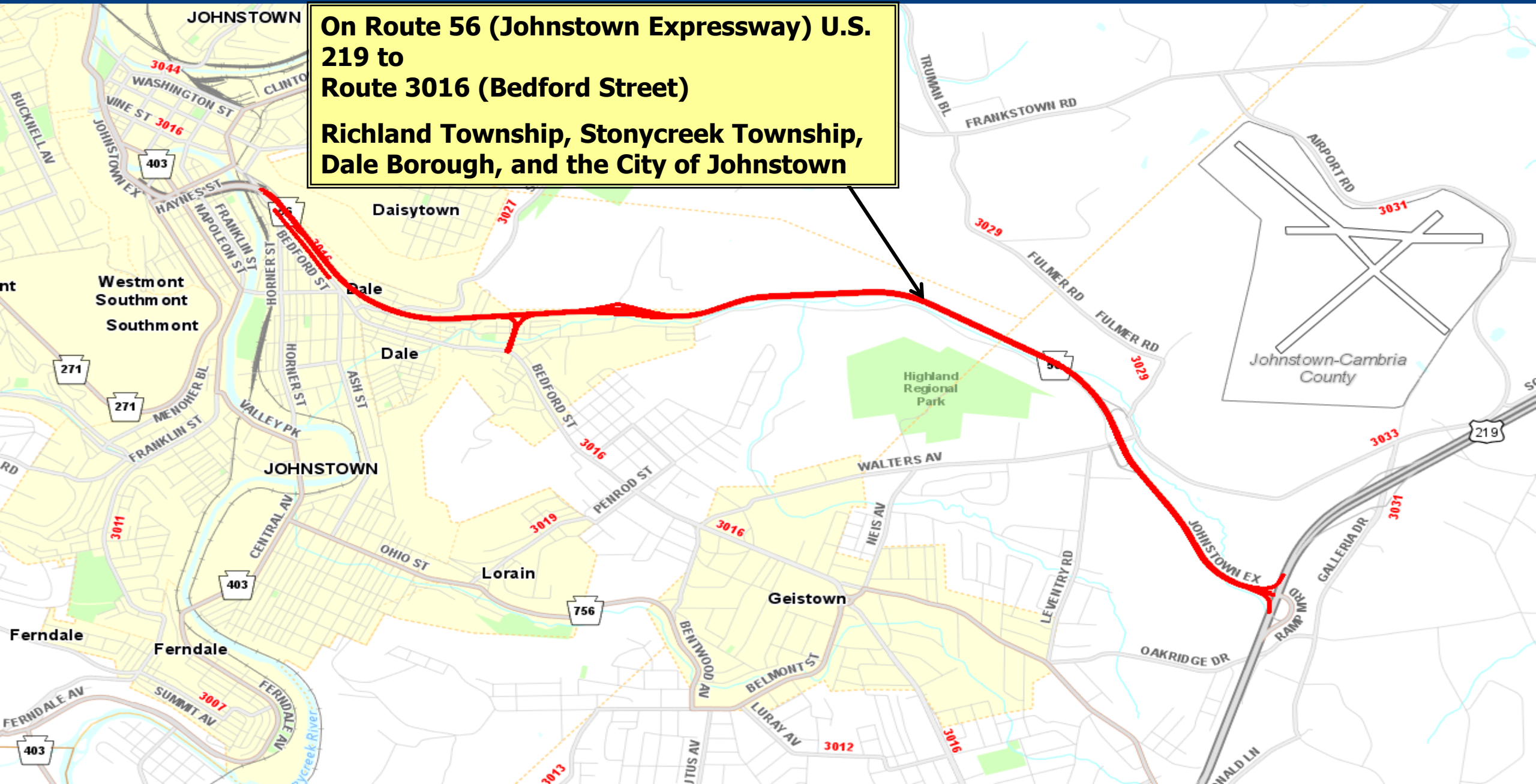


# ROUTE 56 – WIDMAN ST. TO WALTERS AVE.



- **Scope:** Resurfacing, drainage, and guide rail upgrades (4.7 miles)
- **Traffic Control:** Long-term lane closures and various ramp detours
- **Construction Timeframe:** April - November 2025
- **Anticipated Detour Implementation Date:** Various
- **Anticipated Date Detour to be Lifted:** Various
- **Contractor:** Quaker Sales Corporation
- **Current Contract:** \$ 14,703,105

# ROUTE 56 – WIDMAN ST. TO WALTERS AVE.



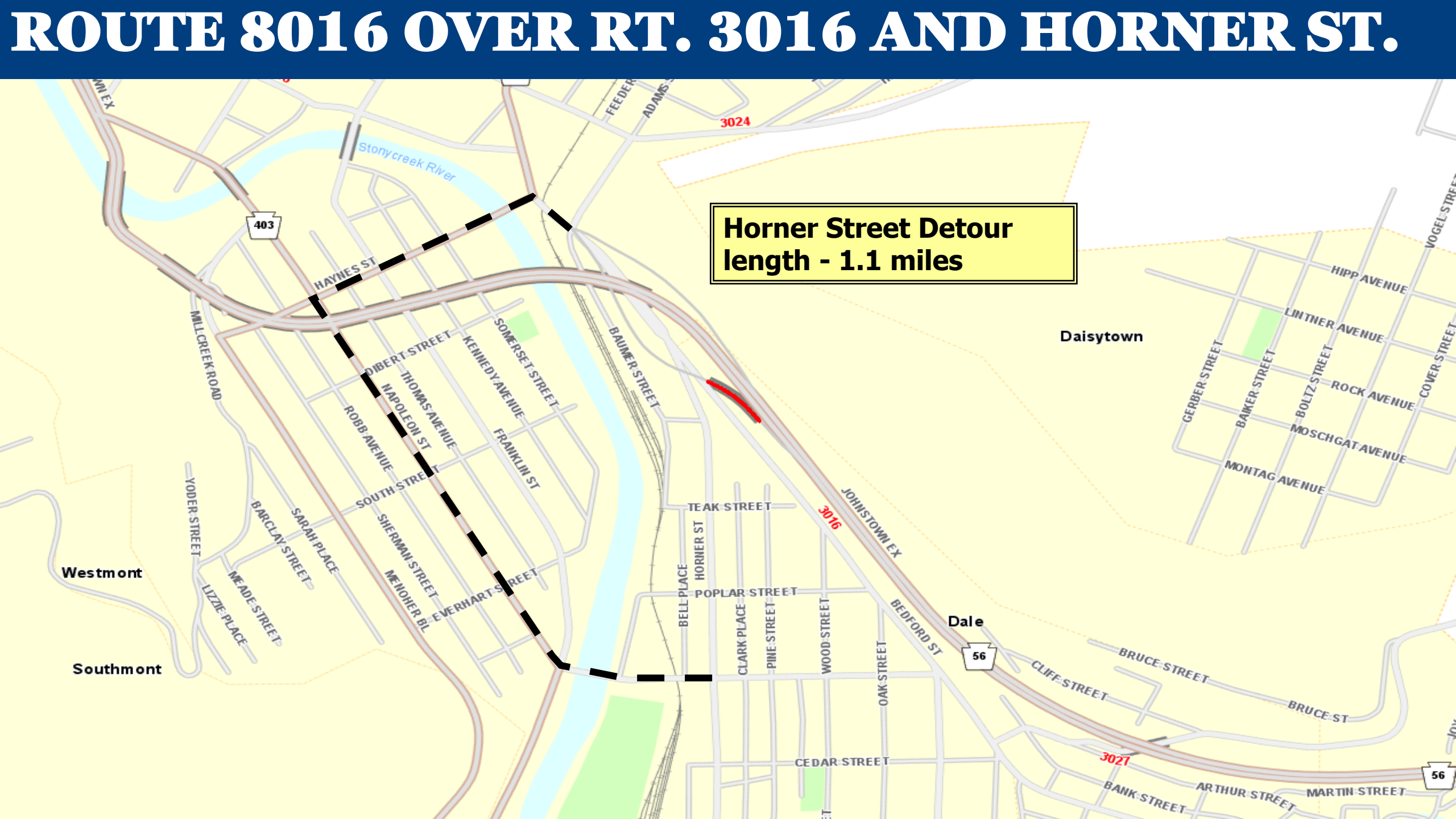


# ROUTE 8016 OVER RT. 3016 AND HORNER ST.



- **Scope:** Bridge Rehabilitation
- **Traffic Control:** Horner Street Detour (45-day duration) and daylight flagging
- **Construction Timeframe:** April – August 2025
- **Anticipated Detour Implementation:** April 28, 2025
- **Anticipated Date Detour to be Lifted:** June 11, 2025
- **Contractor:** Charles J. Merlo, Inc.
- **Current Contract:** \$ 1,173,000





# ROUTE 8016 OVER RT. 3016 AND HORNER ST.

**Horner Street Detour  
length - 1.1 miles**

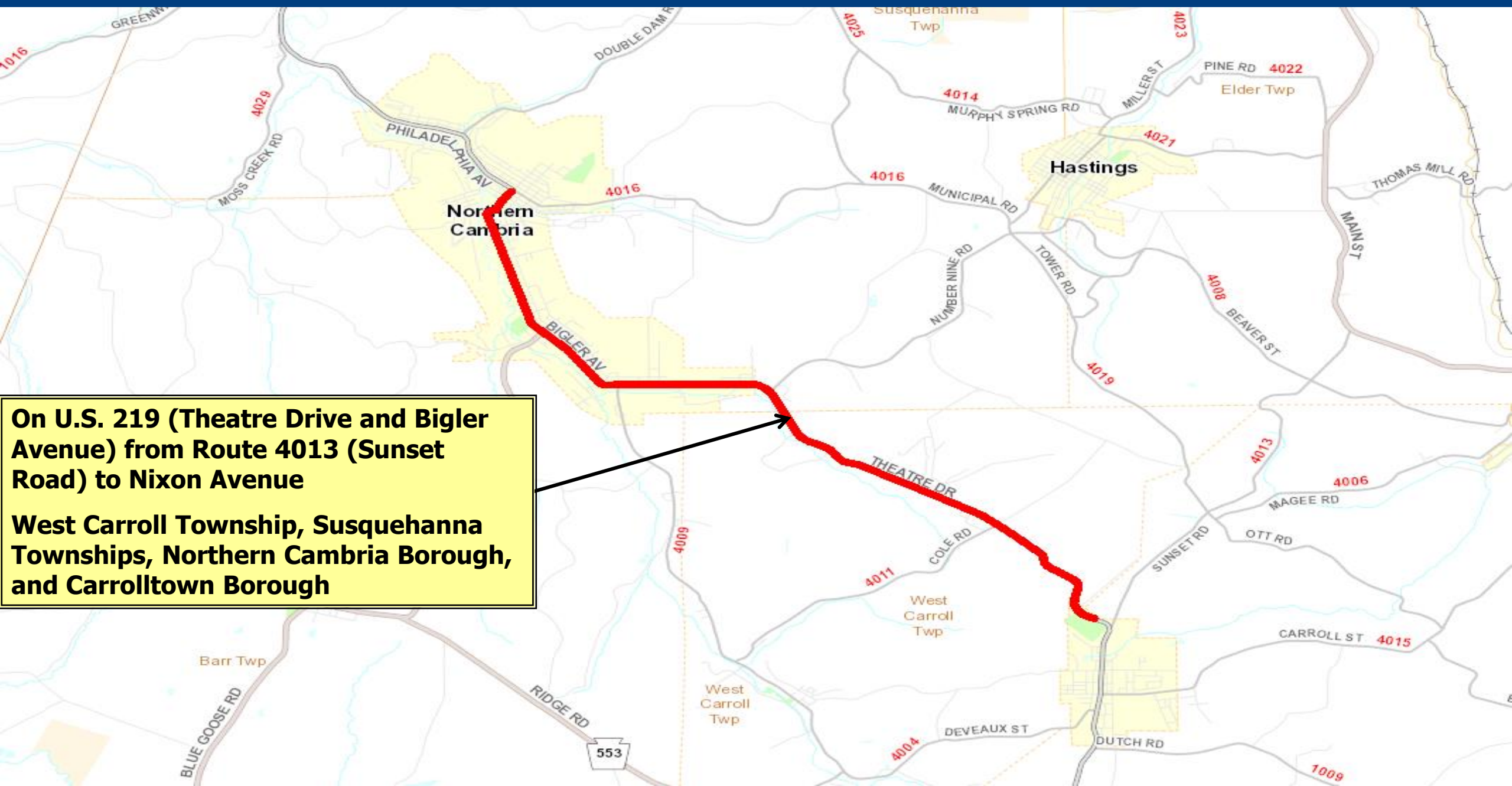
# U.S. 219 – SUNSET ROAD TO NIXON AVE.



- **Scope:** Resurfacing (5.9 miles)
- **Traffic Control:** Short-term flagging, local street detour (0.3 miles), and pedestrian detour
- **Construction Timeframe:** April - November 2025
- **Anticipated Detour Implementation Date:** April 2025
- **Anticipated Date Detour to be Lifted:** September 2025
- **Contractor:** Quaker Sales Corporation
- **Current Contract:** \$ 5,199,141



# U.S. 219 – SUNSET ROAD TO NIXON AVE.



**On U.S. 219 (Theatre Drive and Bigler Avenue) from Route 4013 (Sunset Road) to Nixon Avenue**

**West Carroll Township, Susquehanna Townships, Northern Cambria Borough, and Carrolltown Borough**

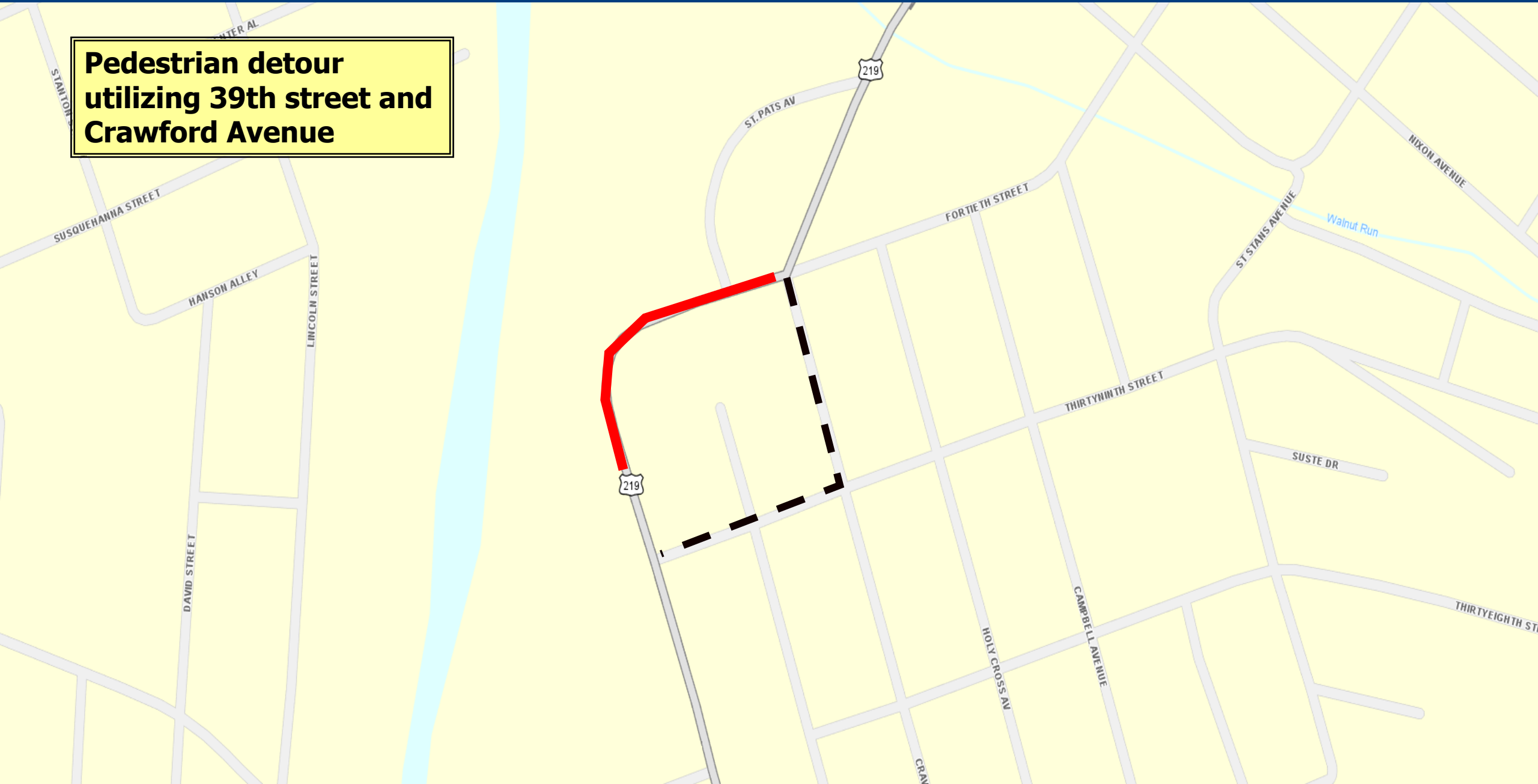
# U.S. 219 – SUNSET ROAD TO NIXON AVE.



**Detour length 0.3 miles,  
Northern Cambria  
Borough, 39th, 40th,  
Crawford Ave, St. Patricks  
Ave. streets closure**

# U.S. 219 – SUNSET ROAD TO NIXON AVE.

**Pedestrian detour  
utilizing 39th street and  
Crawford Avenue**





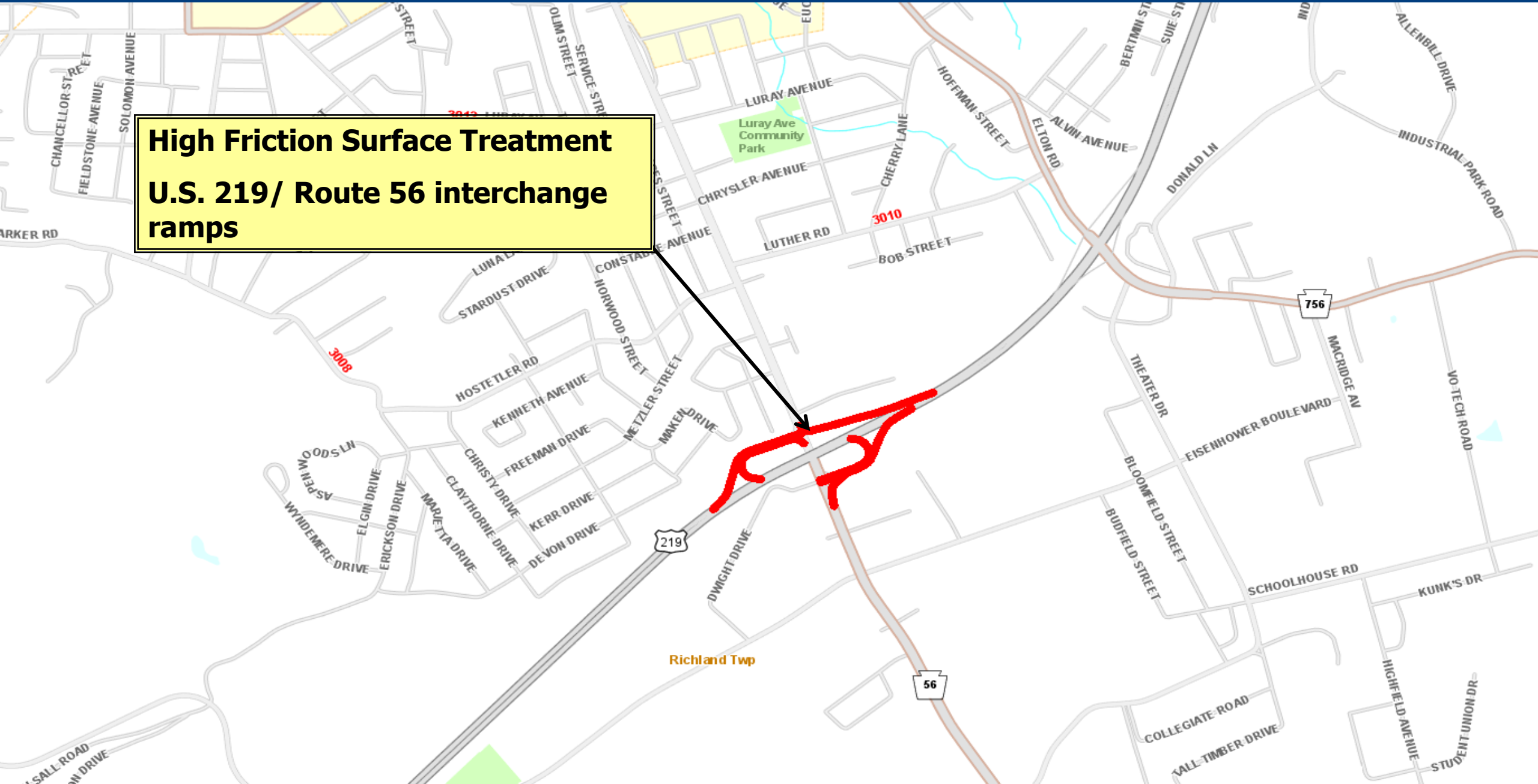
# 2024 CAMBRIA CO. SAFETY IMPROVEMENTS



- **Scope:** Safety Improvement, concrete patching and High Friction Surface Treatment
- **Traffic Control:** Nighttime detours (6pm to 6am) of ramps at 56 Expressway and Scalp Avenue interchanges
- **Construction Timeframe:** April – November 2025
- **Anticipated Detour Implementation Date:** Various
- **Anticipated Date Detour to be Lifted:** Various
- **Contractor:** HRI, Inc.
- **Current Contract:** \$ 3,392,536

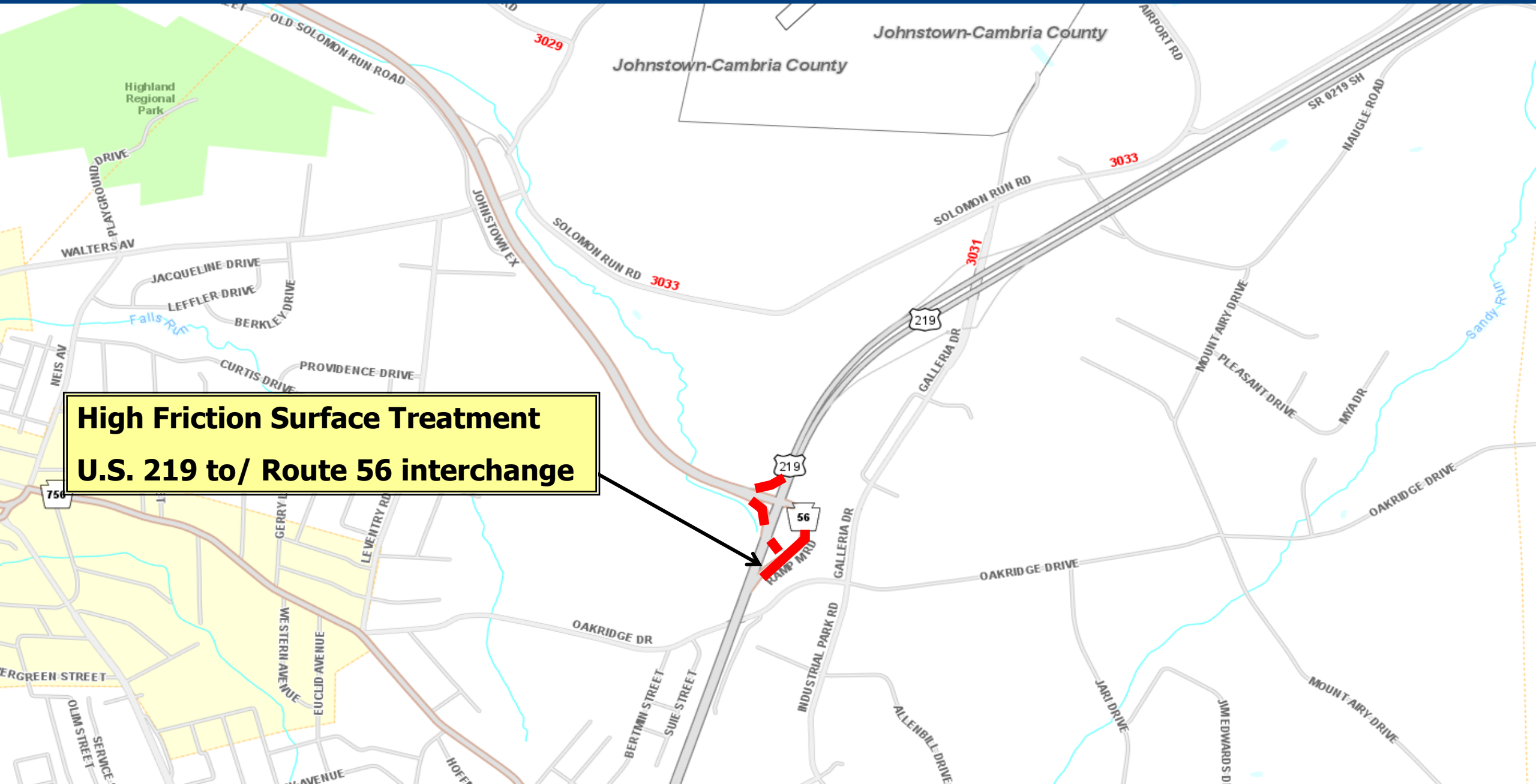
# 2024 CAMBRIA CO. SAFETY IMPROVEMENTS

**High Friction Surface Treatment  
U.S. 219/ Route 56 interchange  
ramps**





# 2024 CAMBRIA CO. SAFETY IMPROVEMENTS

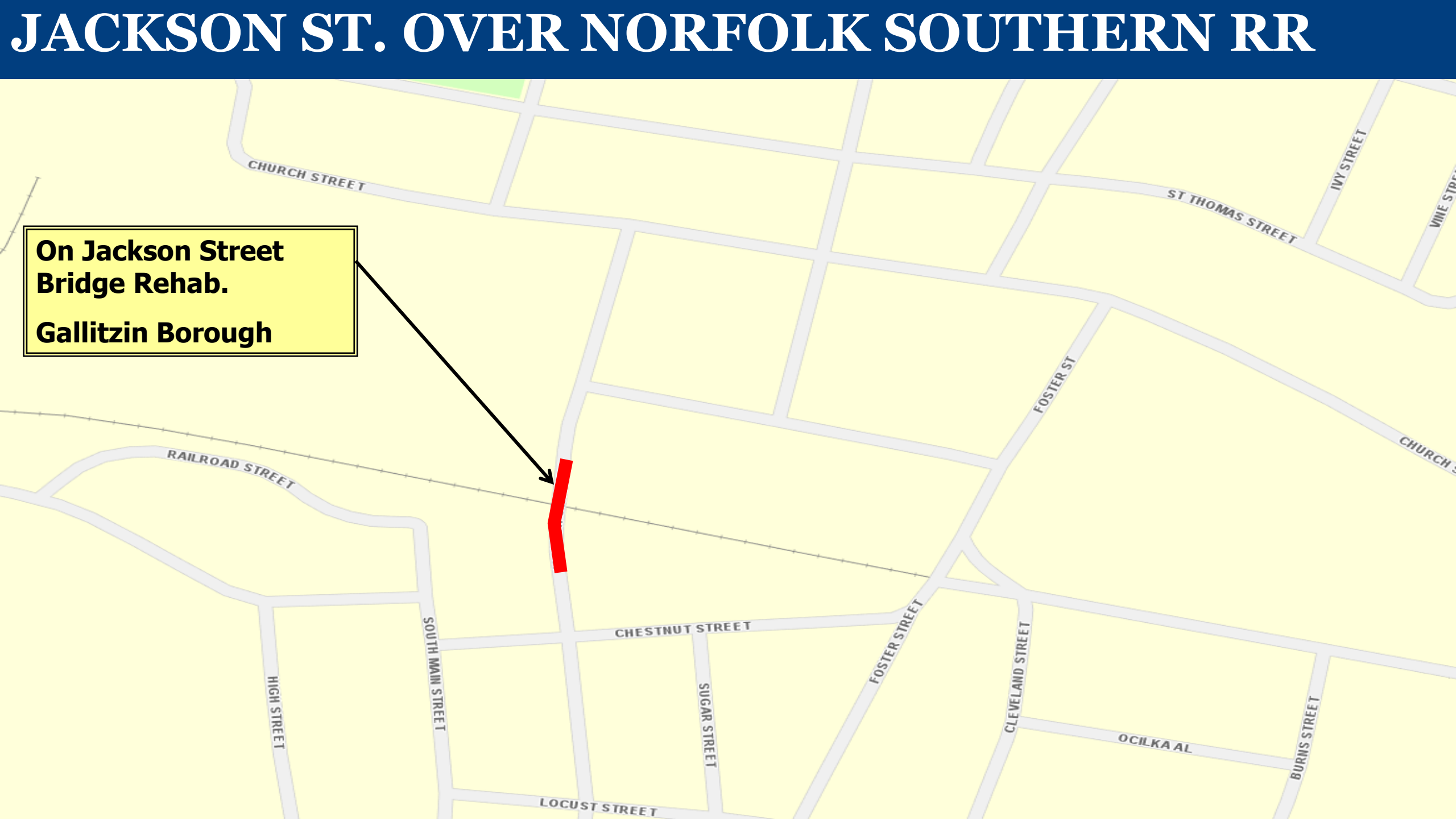


**High Friction Surface Treatment  
U.S. 219 to/ Route 56 interchange**

# JACKSON ST. OVER NORFOLK SOUTHERN RR



- **Scope:** Bridge Rehabilitation
  - Bid with Oak St Over NS RR - Rehab and T-510 Marra Road Bridge
- **Traffic Control:** Daylight Flagging
- **Construction Timeframe:** April – October 2025
- **Contractor:** Cottle's Asphalt Maintenance, Inc.
- **Current Contract:** \$ 788,754.28



# JACKSON ST. OVER NORFOLK SOUTHERN RR

**On Jackson Street  
Bridge Rehab.  
Gallitzin Borough**



# OAK ST. OVER NORFOLK SOUTHERN RR

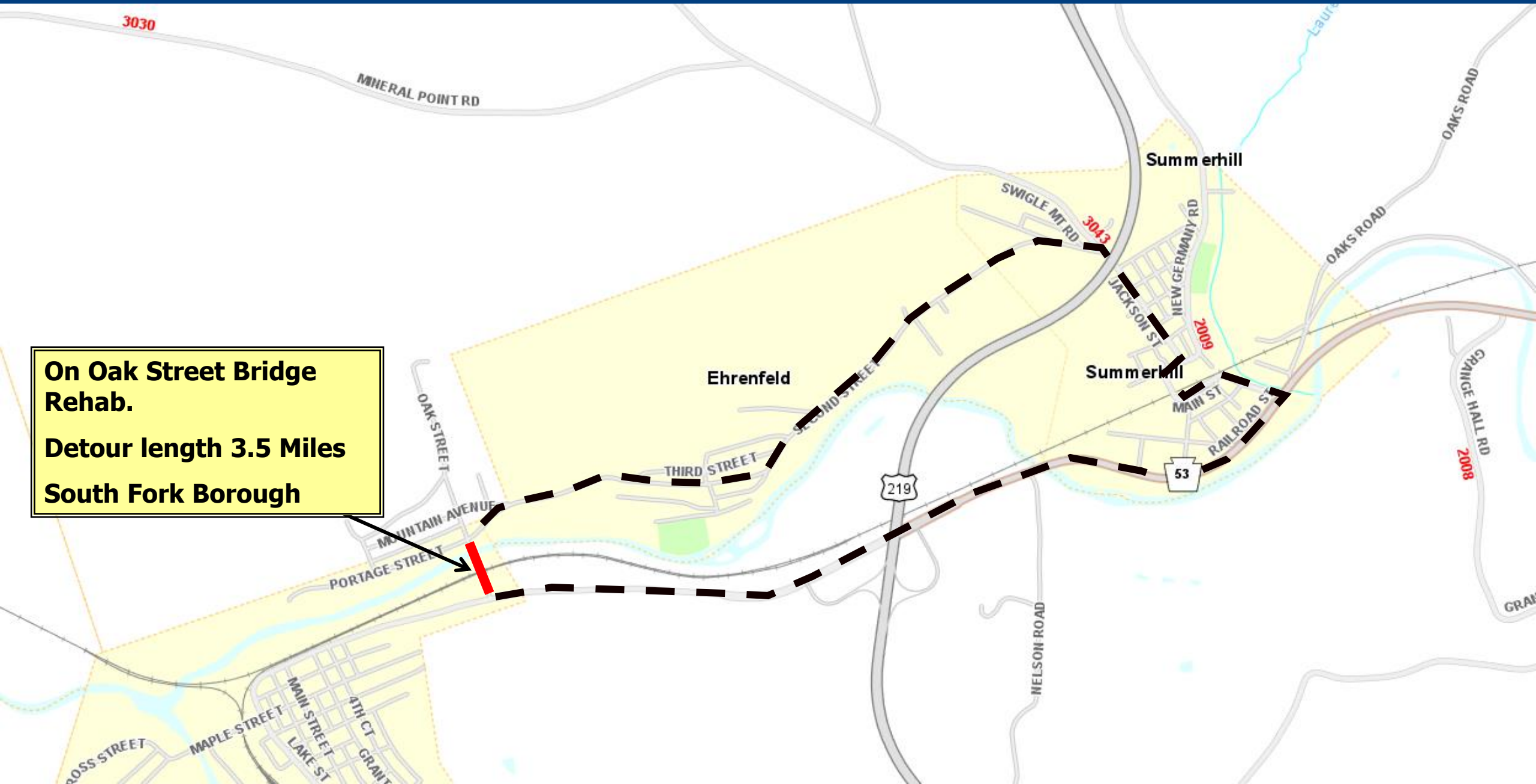


- **Scope:** Bridge Rehabilitation
  - Bid with Jackson St Over NS RR and T-510 Marra Road Bridge
- **Traffic Control:** Detour (3.5 miles) 49-day duration
- **Construction Timeframe:** April – October 2025
- **Anticipated Detour Implementation:** May 2025
- **Anticipated Date Detour to be lifted:** July 2025
- **Contractor:** Cottle's Asphalt Maintenance, Inc.
- **Current Contract:** \$ 788,754.28

**On Oak Street Bridge  
Rehab.**

**Detour length 3.5 Miles**

**South Fork Borough**



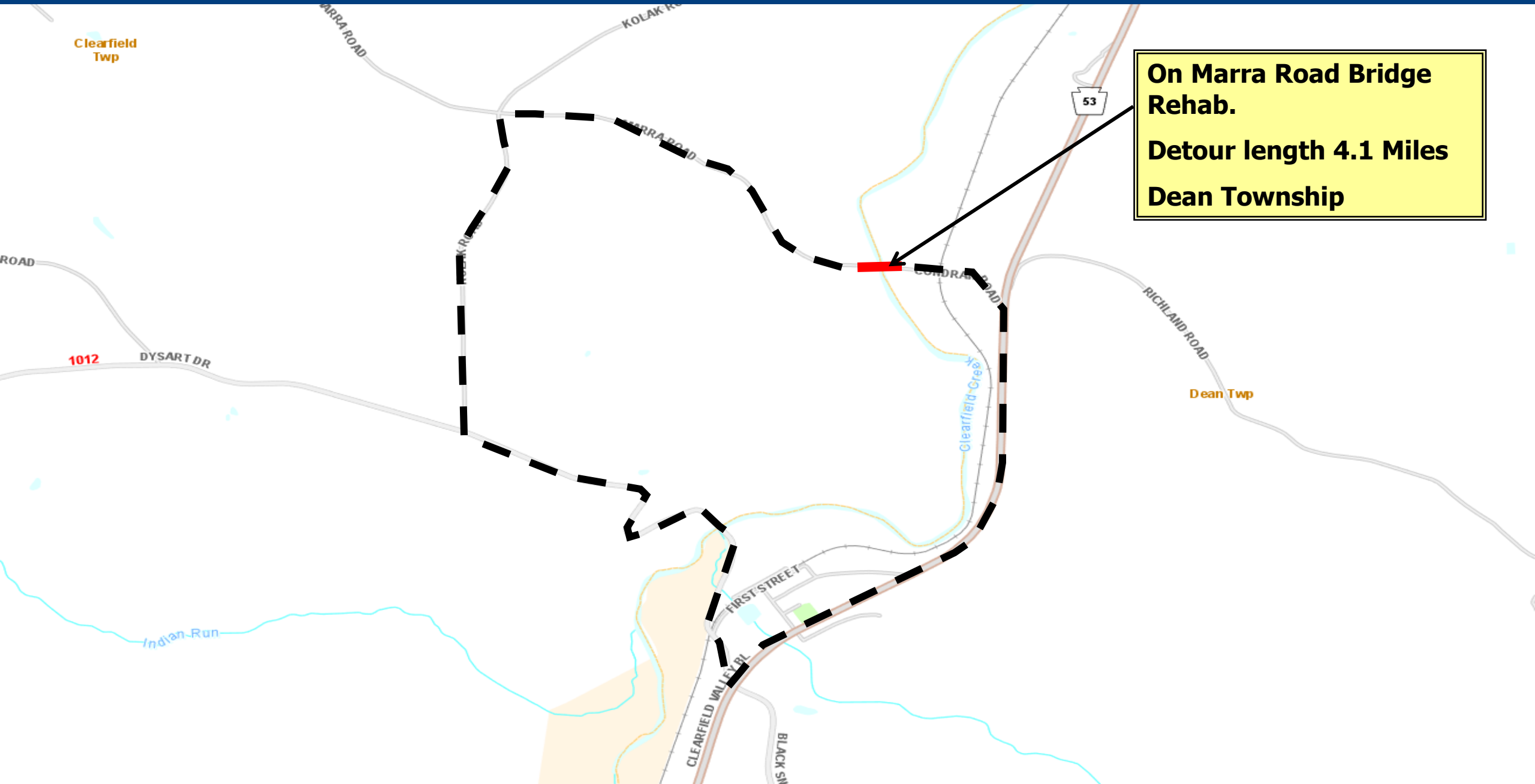
# T-510 MARRA ROAD BRIDGE



- **Scope:** Bridge Rehabilitation
  - Bid with Jackson St over NS RR and Oak St Over NS RR
- **Traffic Control:** Detour (4.1 miles) 42-day duration
- **Construction Timeframe:** April – October 2025
- **Anticipated Detour Implementation:** April 2025
- **Anticipated Date Detour to be lifted:** May 2025
- **Contractor:** Cottle's Asphalt Maintenance, Inc.
- **Current Contract:** \$ 788,754.28



# T-510 MARRA ROAD BRIDGE



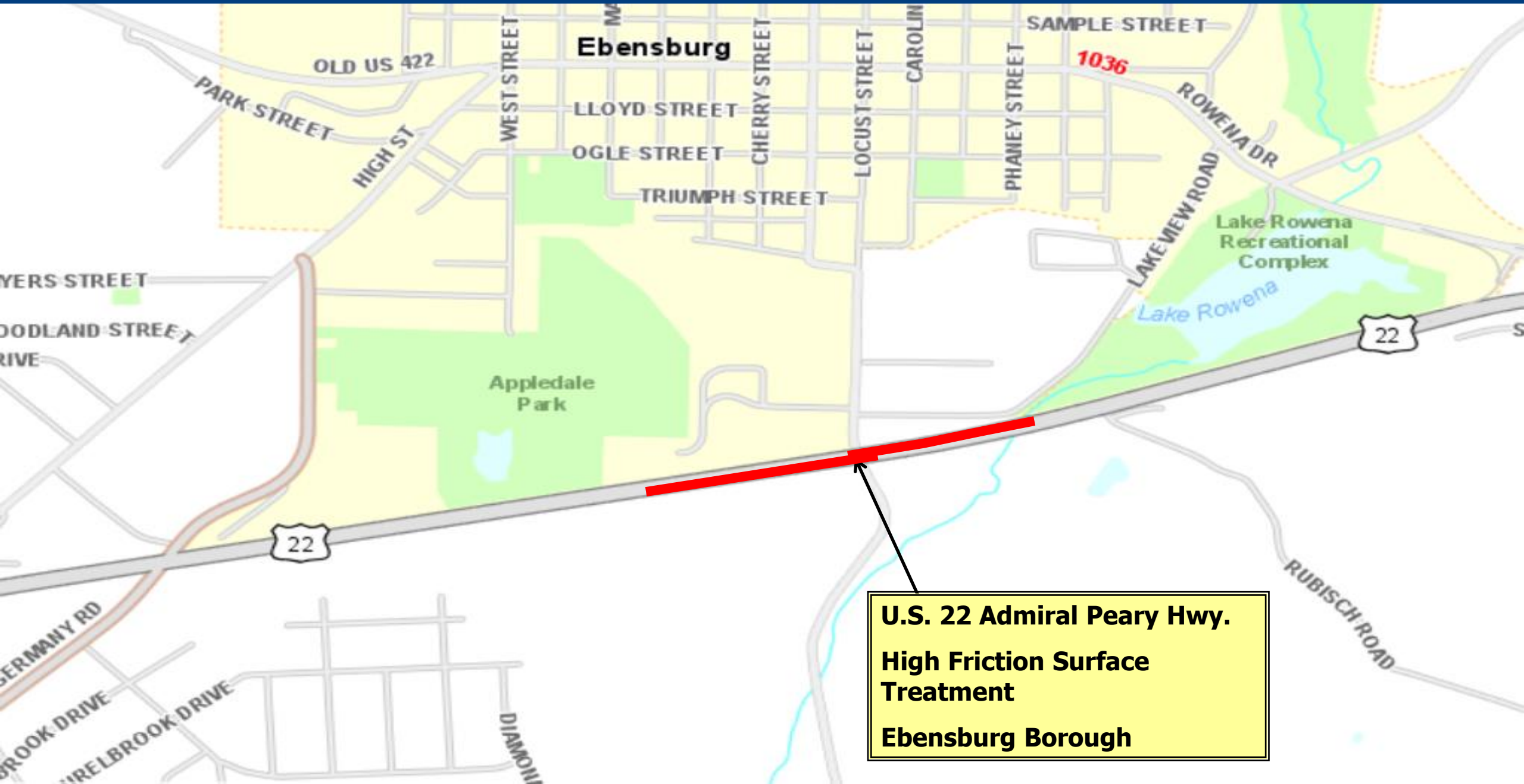


# SOUTHERN ALLEGHENIES HFST



- **Scope:** Placement of High Friction Surface Treatment (HFST)
- **Traffic Control:** Daylight flagging
- **Construction Timeframe:** April – August 2025
- **Contractor:** RAM Construction Services of Michigan, Inc.
- **Current Contract:** \$3,913,123

# SOUTHERN ALLEGHENIES HFST



**U.S. 22 Admiral Peary Hwy.  
High Friction Surface  
Treatment  
Ebensburg Borough**



# 2024 CAMBRIA CO. SIGNAL IMPROVEMENT PROJECT

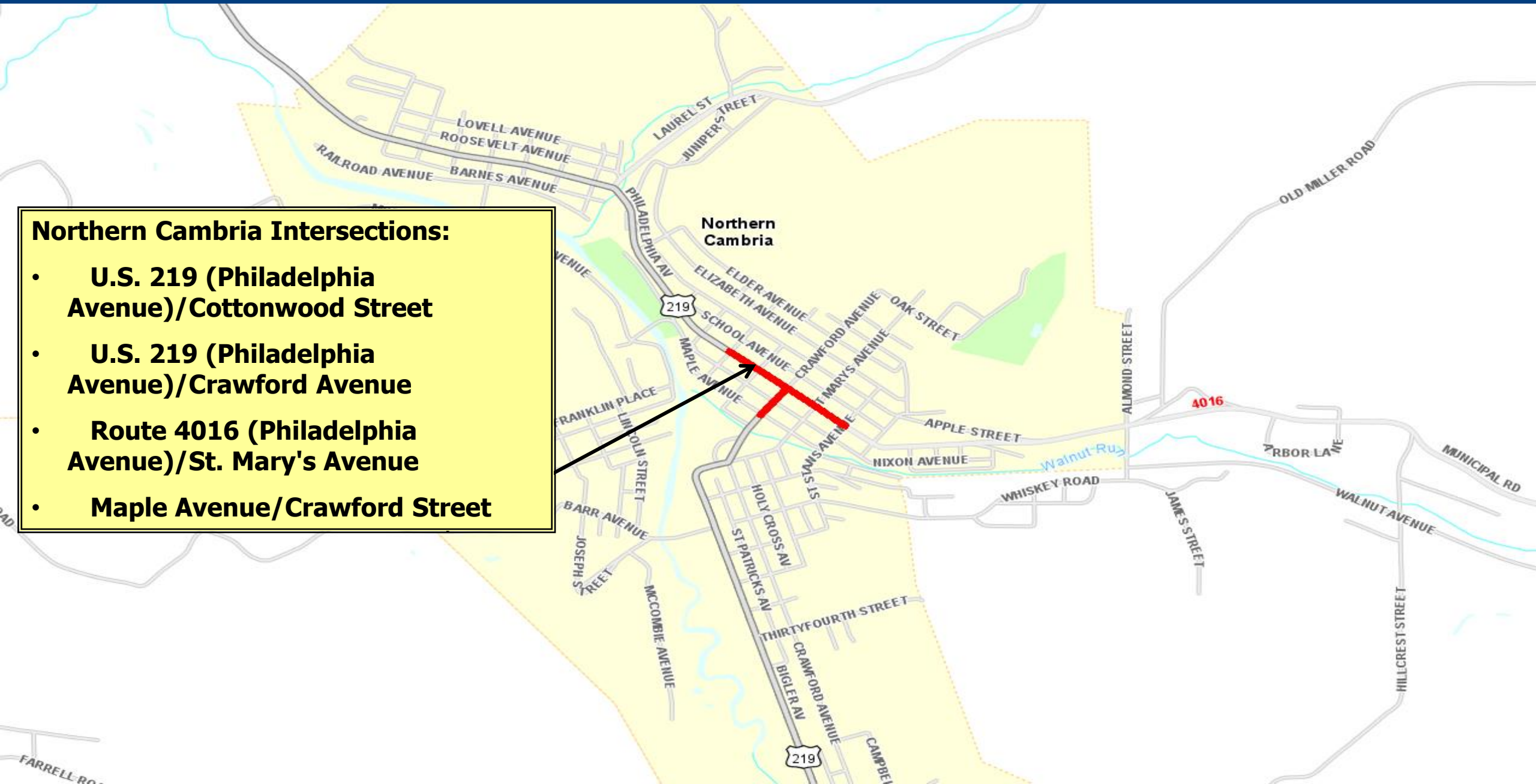


- **Scope:** Signal Improvements (various locations)
- **Traffic Control:** Short-term flagging
- **Construction Timeframe:** April – August 2025
- **Contractor:** Dixon Electric, Inc.
- **Current Contract:** \$ 824,745

# 2024 CAMBRIA CO. SIGNAL IMPROVEMENT PROJECT

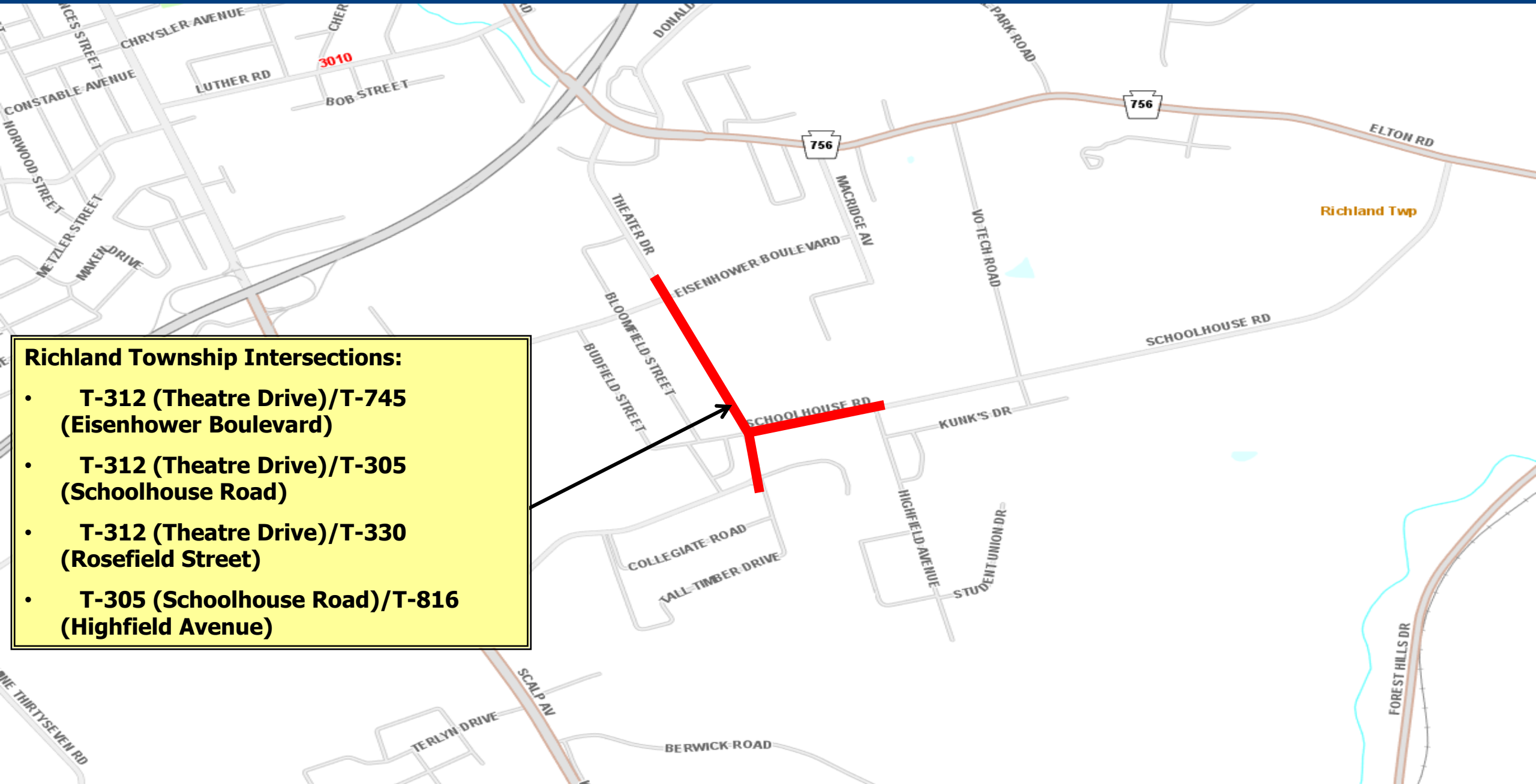
## Northern Cambria Intersections:

- U.S. 219 (Philadelphia Avenue)/Cottonwood Street
- U.S. 219 (Philadelphia Avenue)/Crawford Avenue
- Route 4016 (Philadelphia Avenue)/St. Mary's Avenue
- Maple Avenue/Crawford Street





# 2024 CAMBRIA CO. SIGNAL IMPROVEMENT PROJECT



## Richland Township Intersections:

- T-312 (Theatre Drive)/T-745 (Eisenhower Boulevard)
- T-312 (Theatre Drive)/T-305 (Schoolhouse Road)
- T-312 (Theatre Drive)/T-330 (Rosefield Street)
- T-305 (Schoolhouse Road)/T-816 (Highfield Avenue)

# ROUTE 3007 – T-377 TO ROUTE 56

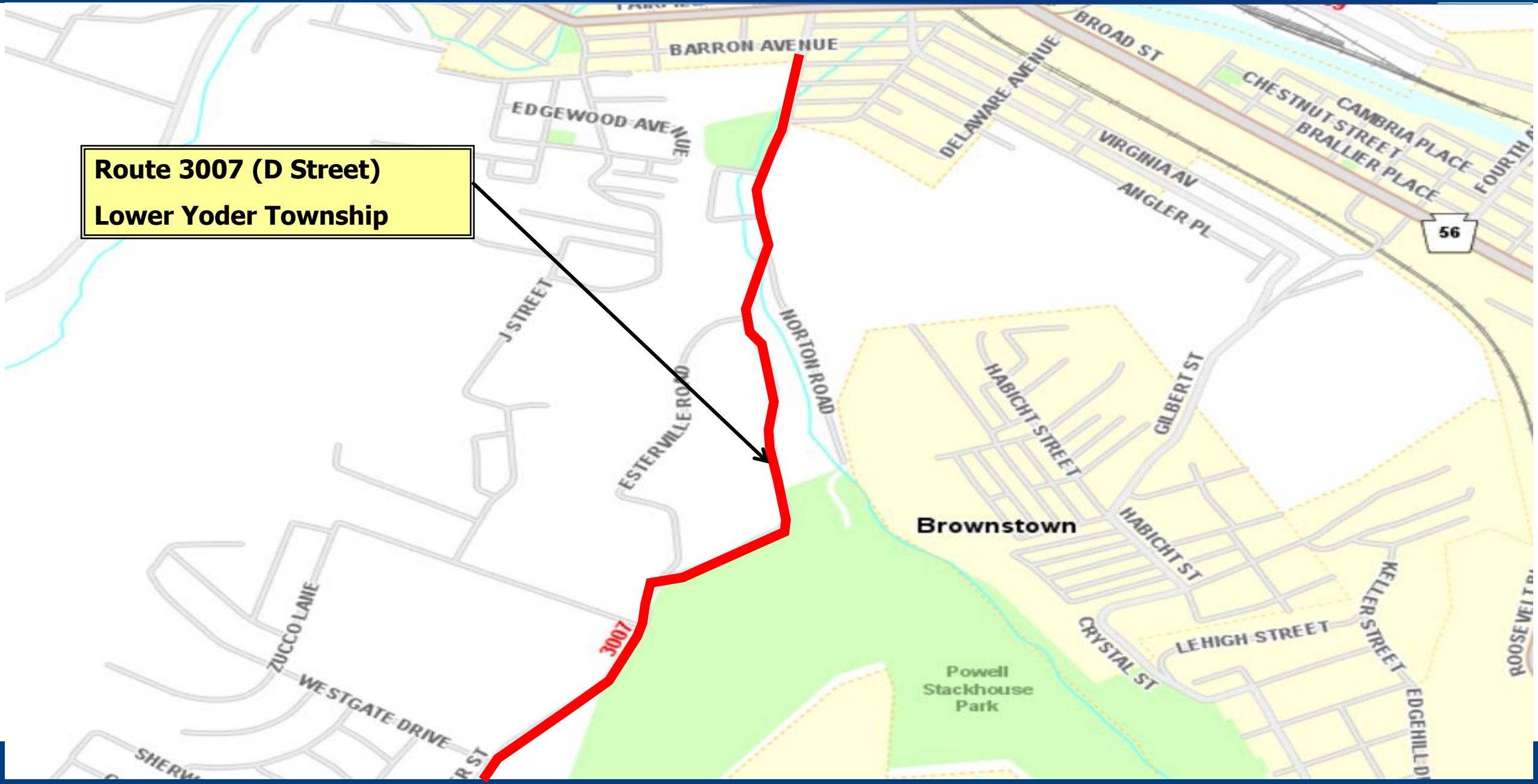


- **Scope:** Resurfacing, culvert preservation, and slide correction
- **Traffic Control:** Short-term flagging with detours of Route 3007 (6.43 miles) and Flora Street (0.25 miles)
- **Construction Timeframe:** April – October 2025
- **Anticipated Detour Implementation Date:** July 14, 2025
- **Anticipated Date Detour to be Lifted:** September 21, 2025
- **Contractor:** HRI, Inc.
- **Current Contract:** \$ 3,016,909



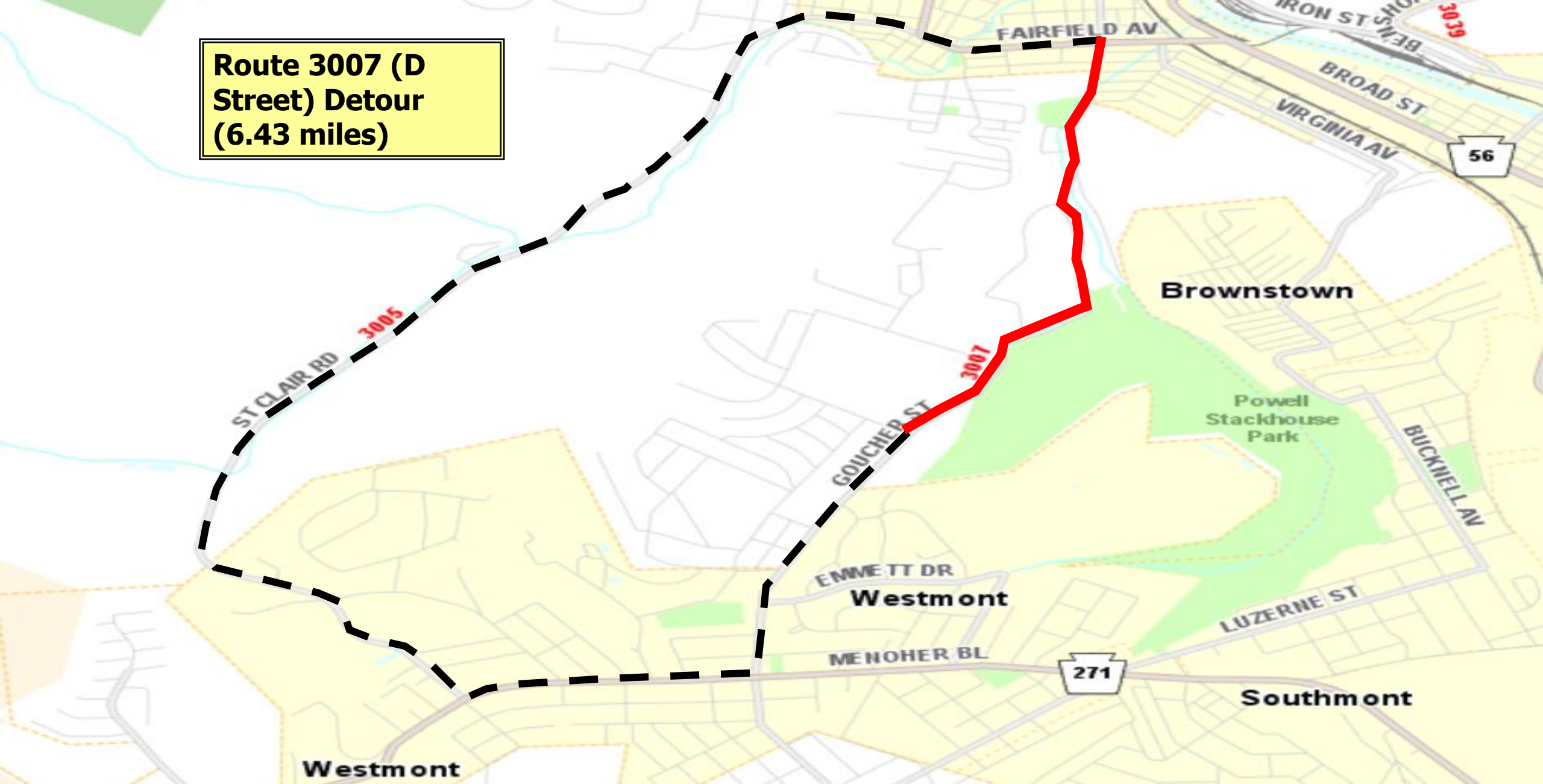
# ROUTE 3007 – T-377 TO ROUTE 56

Route 3007 (D Street)  
Lower Yoder Township



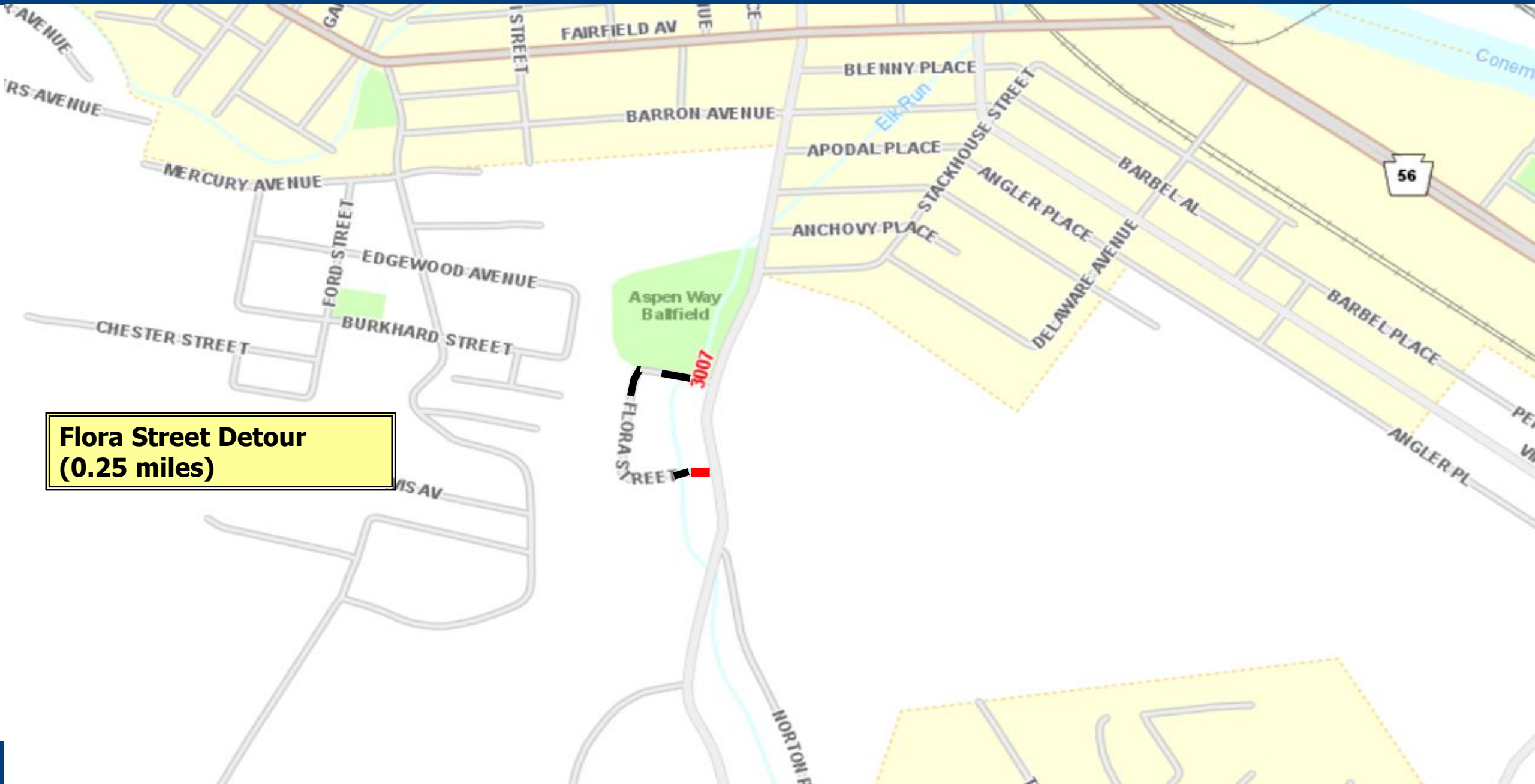
# ROUTE 3007 – T-377 TO ROUTE 56

Route 3007 (D  
Street) Detour  
(6.43 miles)





# ROUTE 3007 – T-377 TO ROUTE 56



**Flora Street Detour**  
**(0.25 miles)**

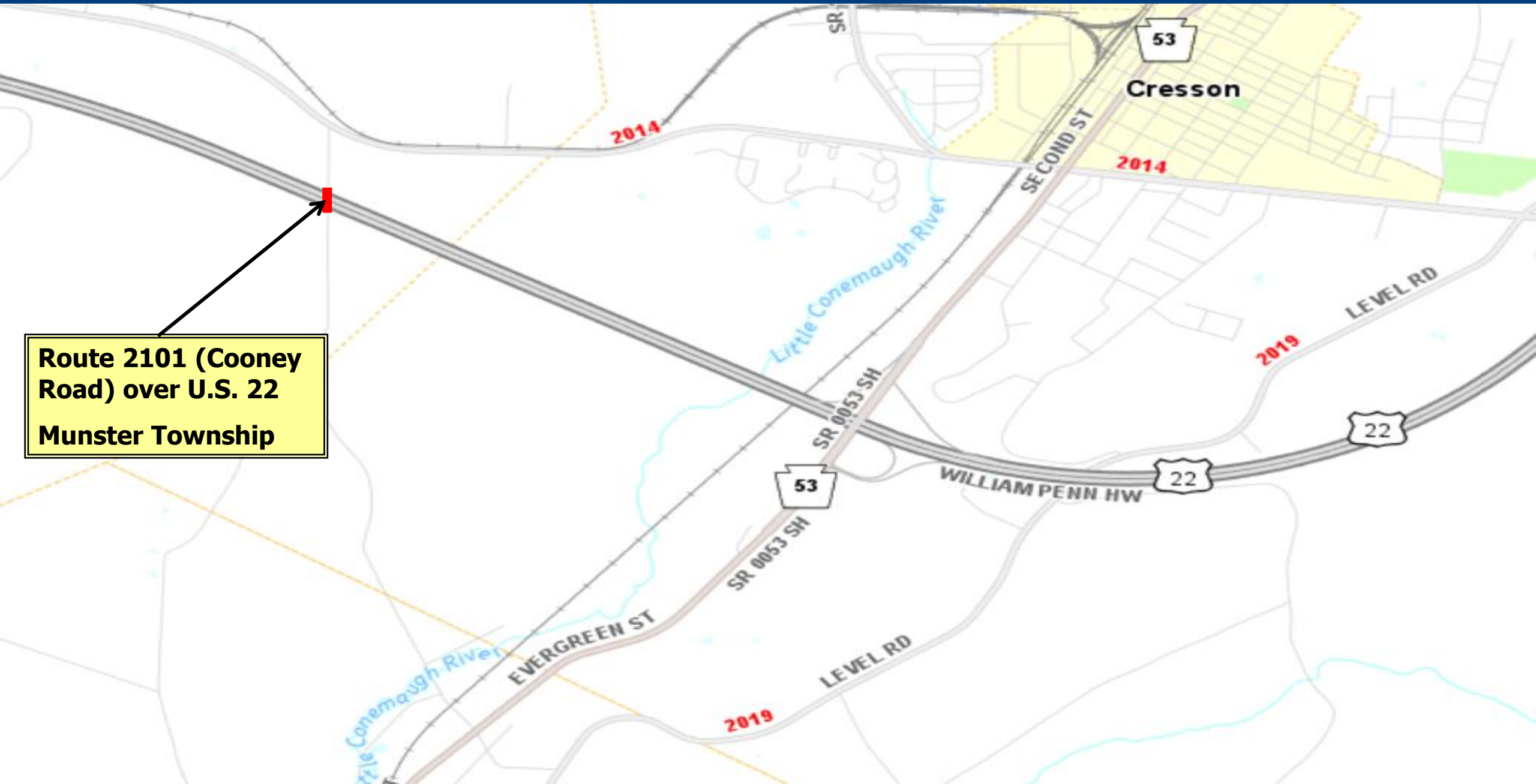
# ROUTE 2101 – OVER U.S. 22



- **Scope:** Bridge Rehabilitation
- **Traffic Control:** Detour Route 2101 (5.6 miles) and U.S. 22 nighttime closures
- **Construction Timeframe:** April – October 2025
- **Detour Implementation Date:** April 2025
- **Anticipated Date Detour to be Lifted:** October 2025
- **Contractor:** Plum Contracting, Inc.
- **Current Contract:** \$ 2,888,700.19

# ROUTE 2101 – OVER U.S. 22

**Route 2101 (Cooney  
Road) over U.S. 22  
Munster Township**



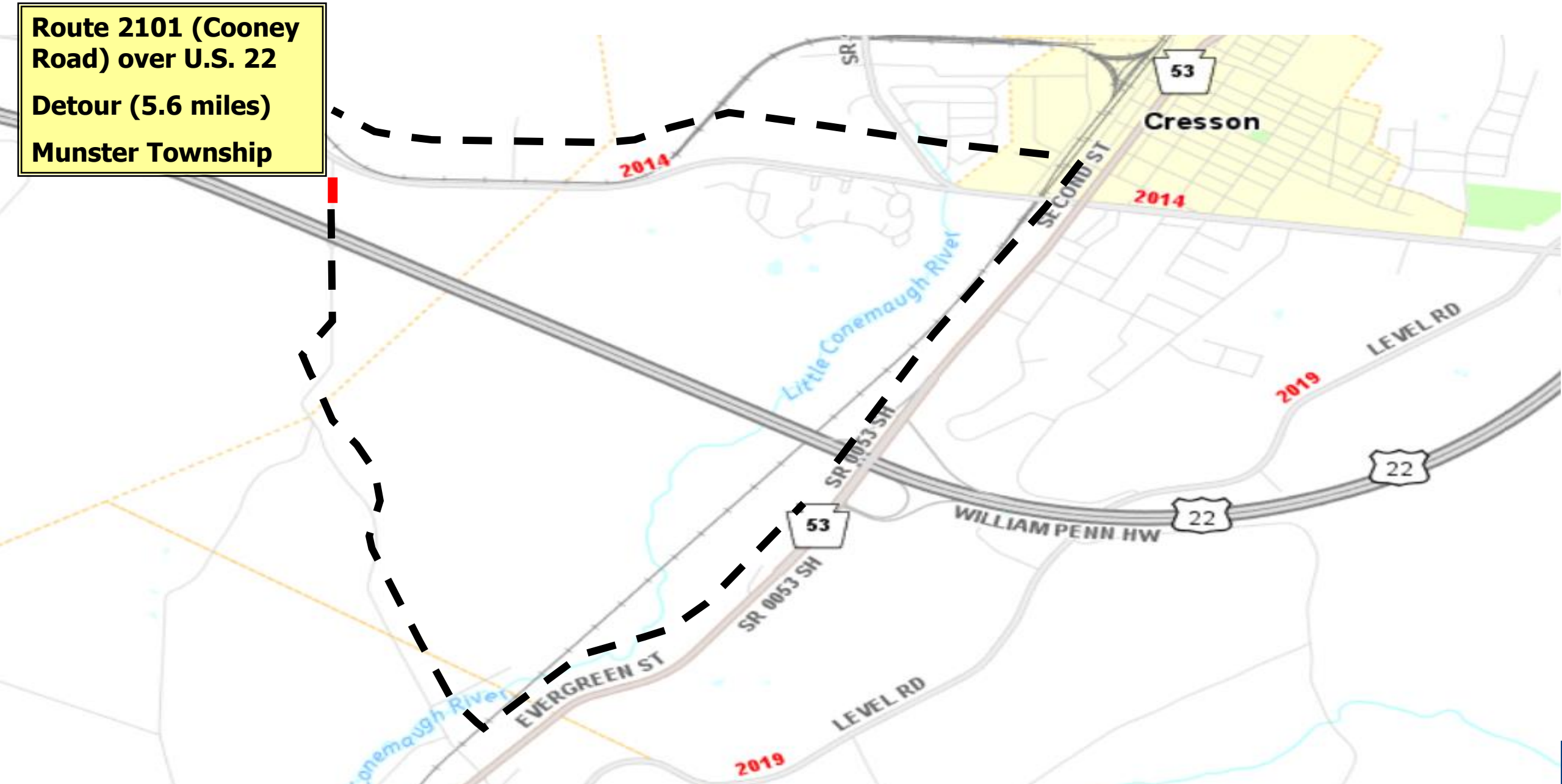


# ROUTE 2101 – OVER U.S. 22

## Route 2101 (Cooney Road) over U.S. 22

## Detour (5.6 miles)

# Munster Township

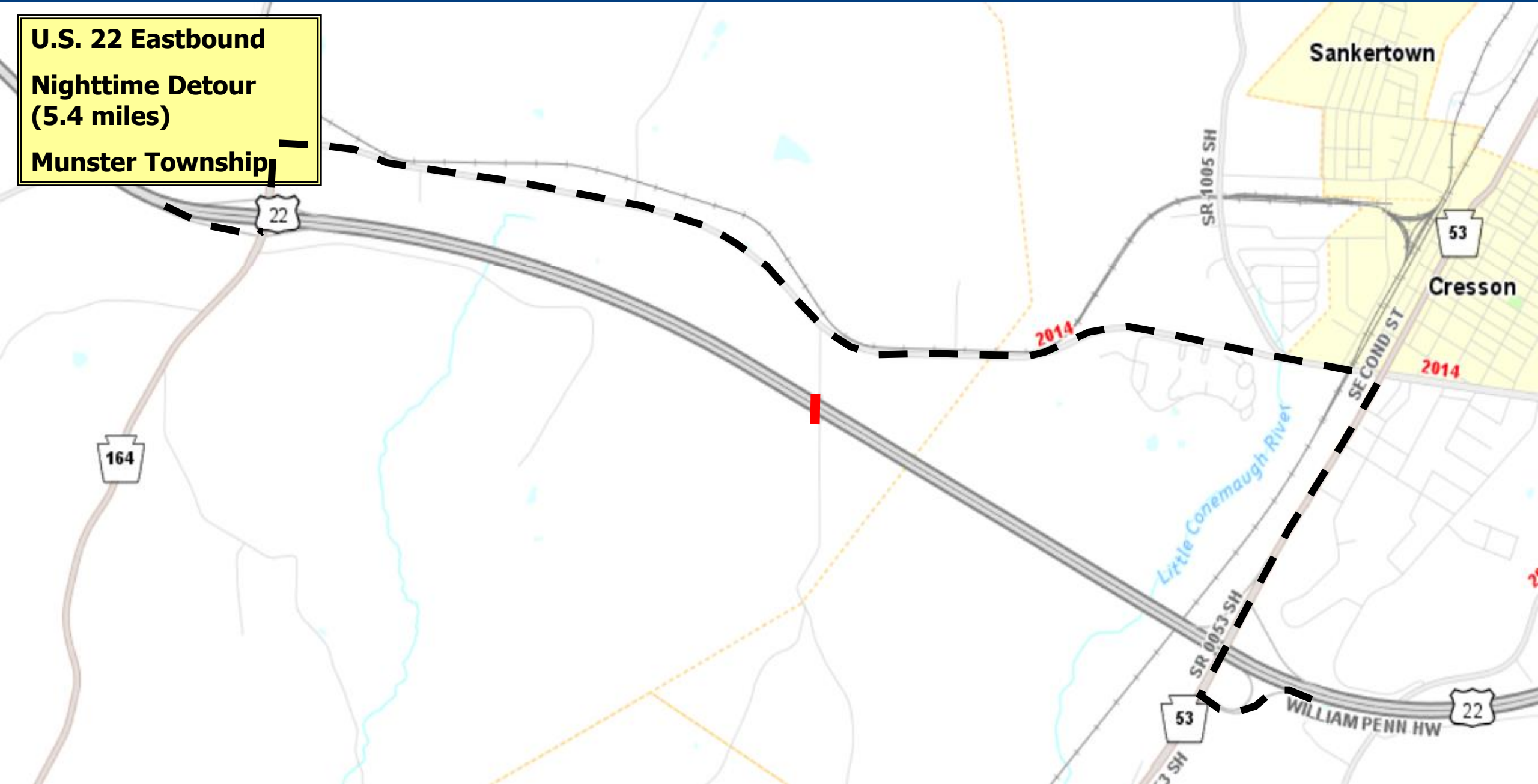




# ROUTE 2101 – OVER U.S. 22

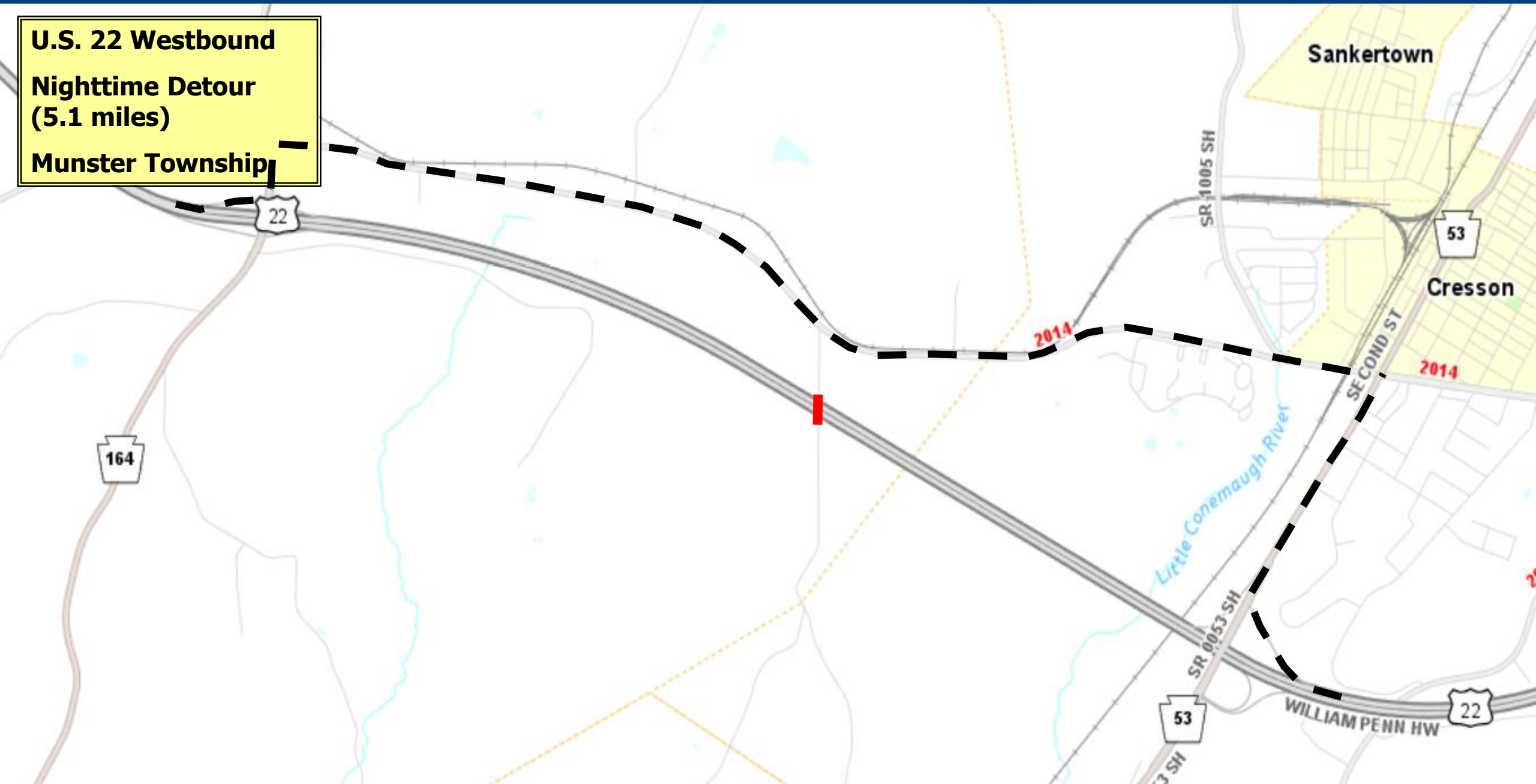
**U.S. 22 Eastbound  
Nighttime Detour  
(5.4 miles)**

**Munster Township**



# ROUTE 2101 – OVER U.S. 22

**U.S. 22 Westbound  
Nighttime Detour  
(5.1 miles)  
Munster Township**



# JACKSON TWP. BUSINESS PARK ACCESS



- **Scope:** Installation of Right Turn Lane on U.S. 22 and Signal Improvements at the intersection of U.S. 22, Route 3045 (Chickaree Hill Road), and T-428 (Mile Hill Road)
- **Construction Timeframe:** May 2025 – May 2026
- **Contractor:** Plum Contracting, Inc.
- **Current Contract:** \$1,098,582

# JACKSON TWP. BUSINESS PARK ACCESS

**U.S. 22 (Admiral Peary Highway)**

**Jackson Township**





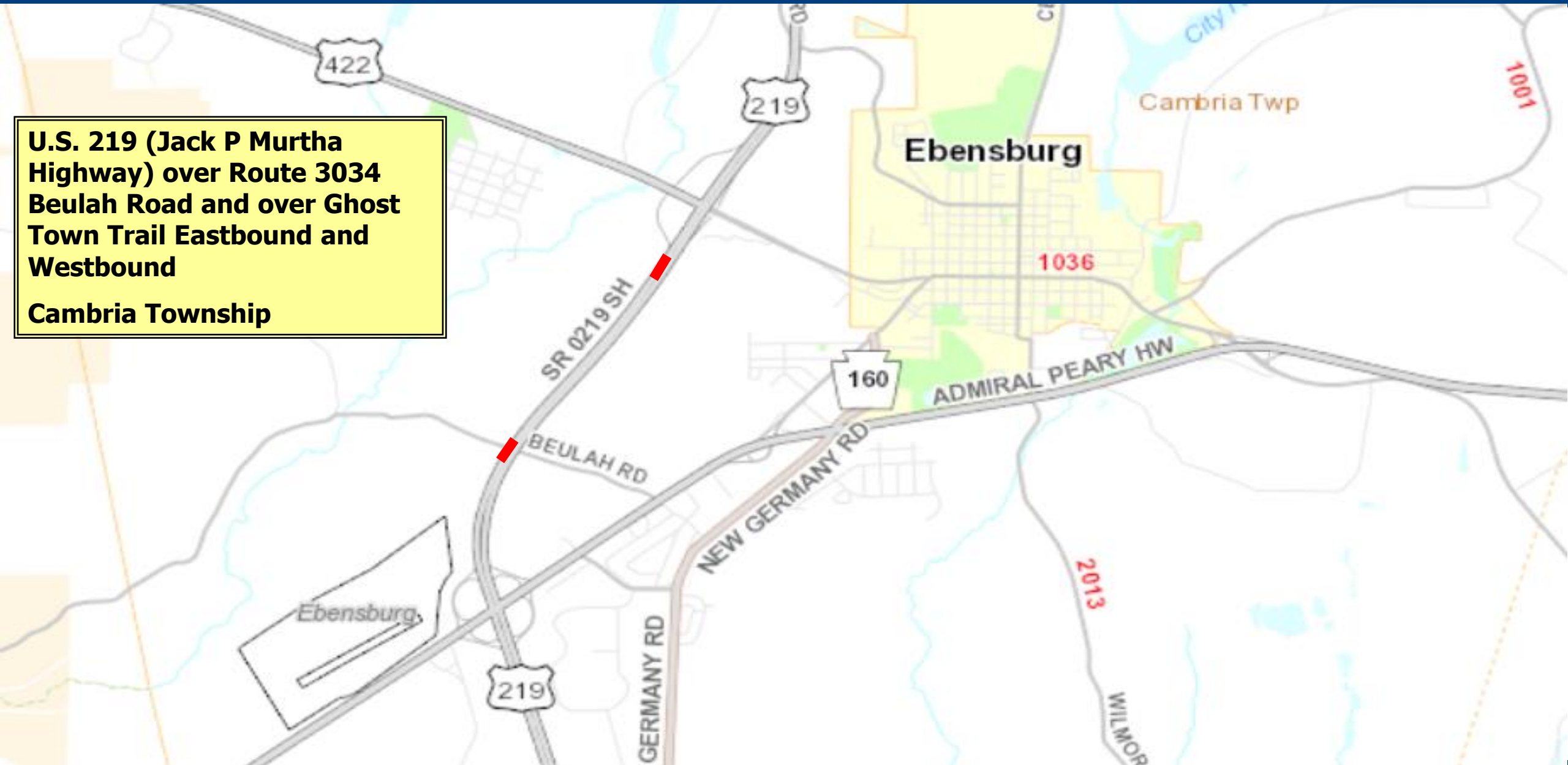
# U.S. 219 BRIDGE PRESERVATIONS



- **Scope:** Bridge Rehabilitation
- **Traffic Control:** Long-term Lane Closure
- **Construction Timeframe:** April – September 2025
- **Contractor:** Gulisek Construction LLC
- **Current Contract:** \$1,185,610

# U.S. 219 BRIDGE PRESERVATIONS

**U.S. 219 (Jack P Murtha Highway) over Route 3034 Beulah Road and over Ghost Town Trail Eastbound and Westbound**  
**Cambria Township**





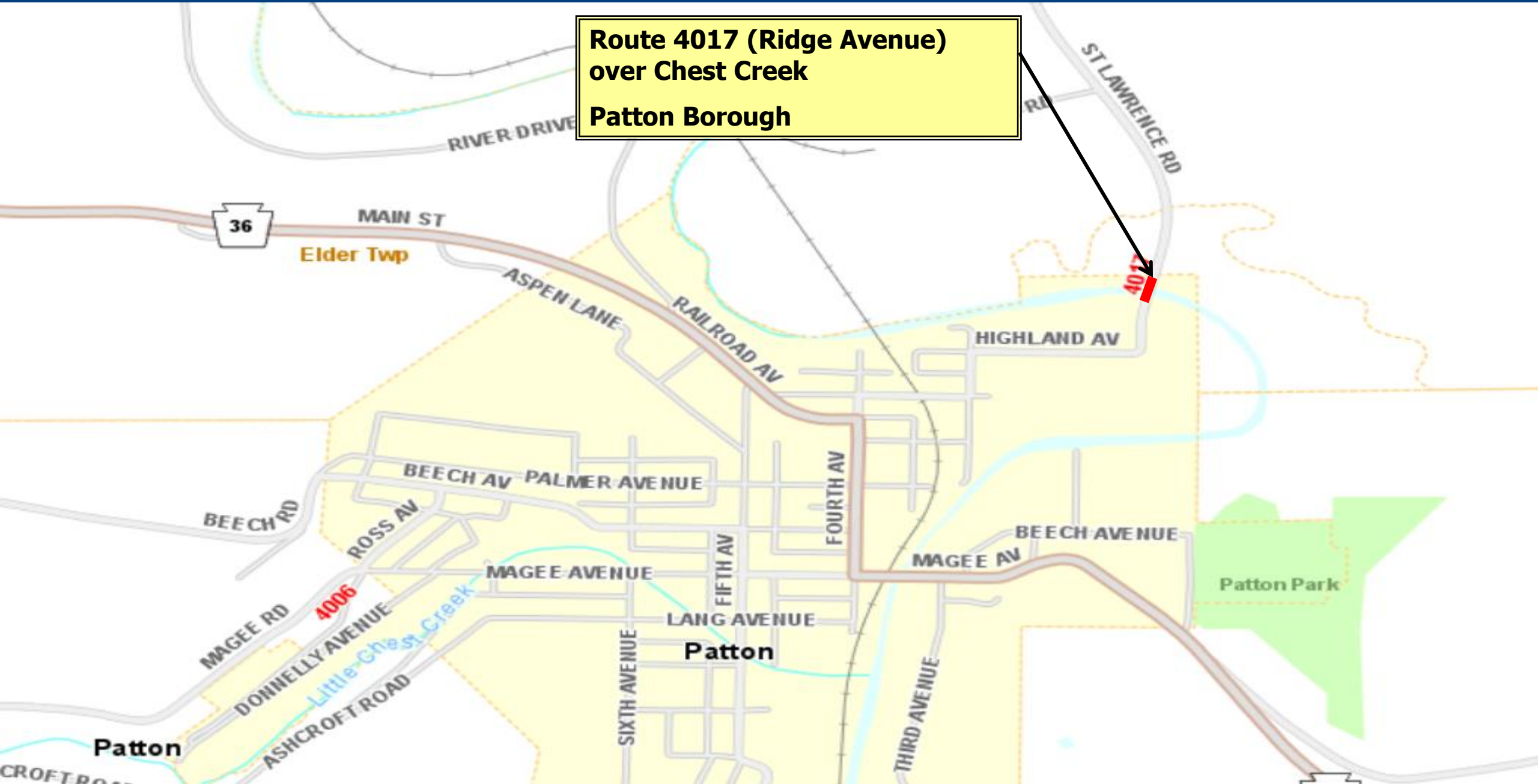
# ROUTE 4017 – N. PATTON CHEST CREEK BRIDGE



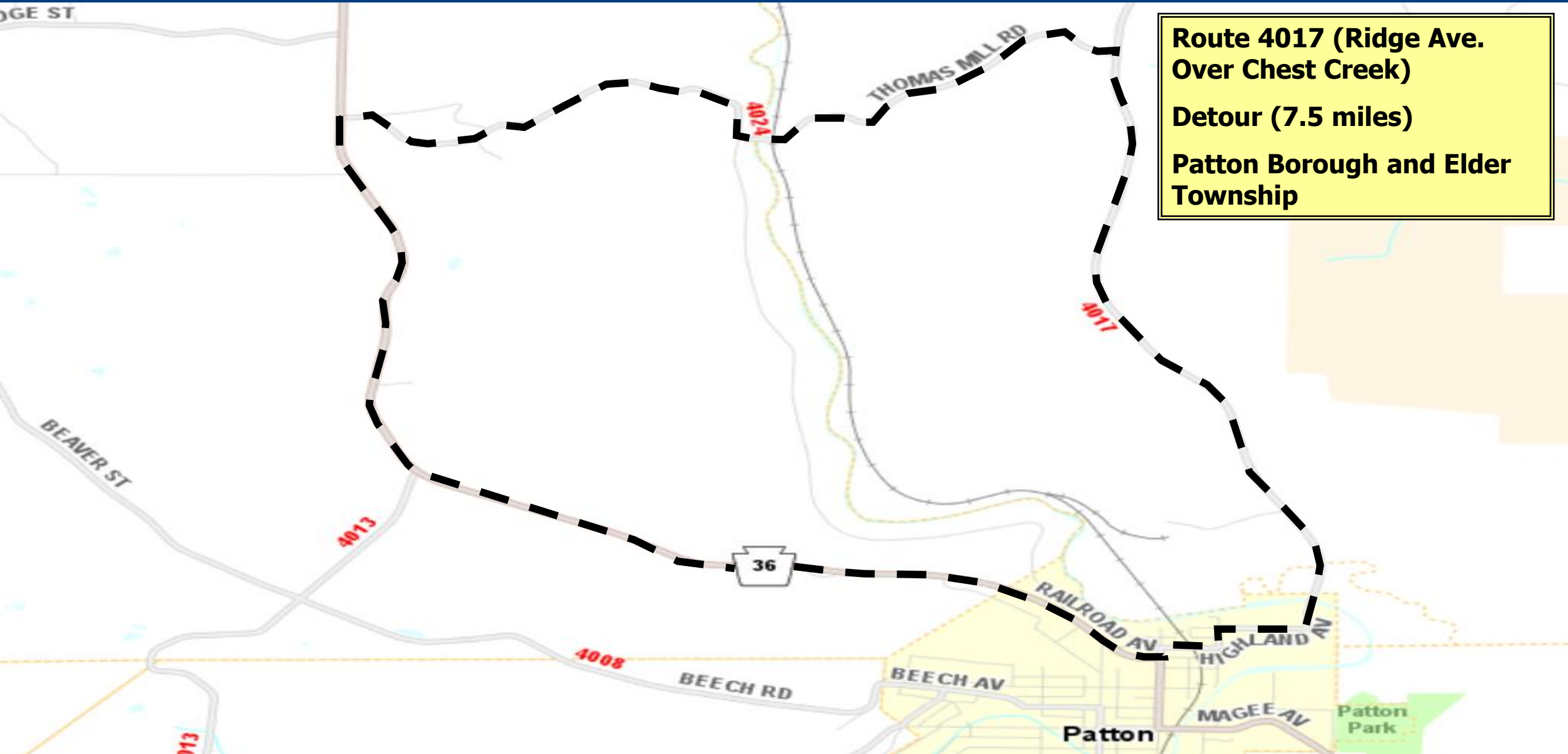
- **Scope:** Bridge Improvement
- **Traffic Control:** Detour (7.5 Miles)
- **Construction Timeframe:** April-August 2026
- **Detour Implementation Date:** June 1, 2026
- **Anticipated Date Detour to be lifted:** August 3, 2026
- **Contractor:** Kukurin Contracting, Inc.
- **Current Contract:** \$1,284,482



# ROUTE 4017 – N. PATTON CHEST CREEK BRIDGE



# ROUTE 4017 – N. PATTON CHEST CREEK BRIDGE



# CONTRACTS TO BE BID



Pennsylvania  
Department of Transportation



# U.S. 22 – ROUTE 164 TO BLAIR COUNTY LINE



- **Scope:** Resurfacing (Mill and Bituminous Overlay) (13.99 Miles)
- **Traffic Control:** Long-term lane closures and various ramp detours
- **Construction Estimate:** \$10 - 20 million
- **Anticipated Bid Opening:** 3<sup>rd</sup> Quarter 2025

# U.S. 22 – ROUTE 164 TO BLAIR COUNTY LINE

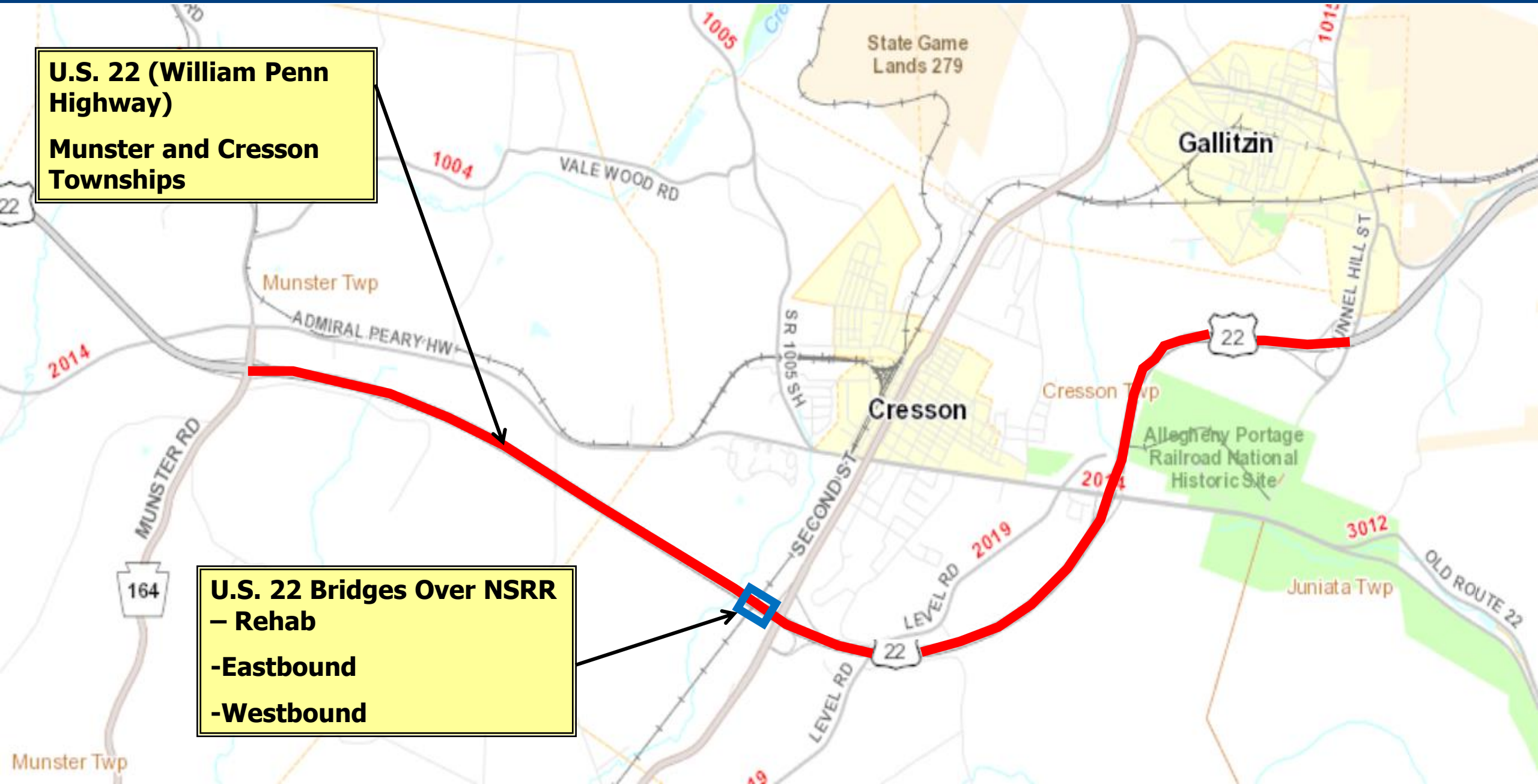
**U.S. 22 (William Penn Highway)**

**Munster and Cresson Townships**

**U.S. 22 Bridges Over NSRR – Rehab**

**-Eastbound**

**-Westbound**





# STATION ST. WALKWAY REHAB – PHASE 2



- **Scope:** Sidewalk Replacement
- **Traffic Control:** Short-term Flagging
- **Construction Estimate:** \$200,000 - \$499,999
- **Anticipated Bid Opening:** 2<sup>nd</sup> Quarter 2025

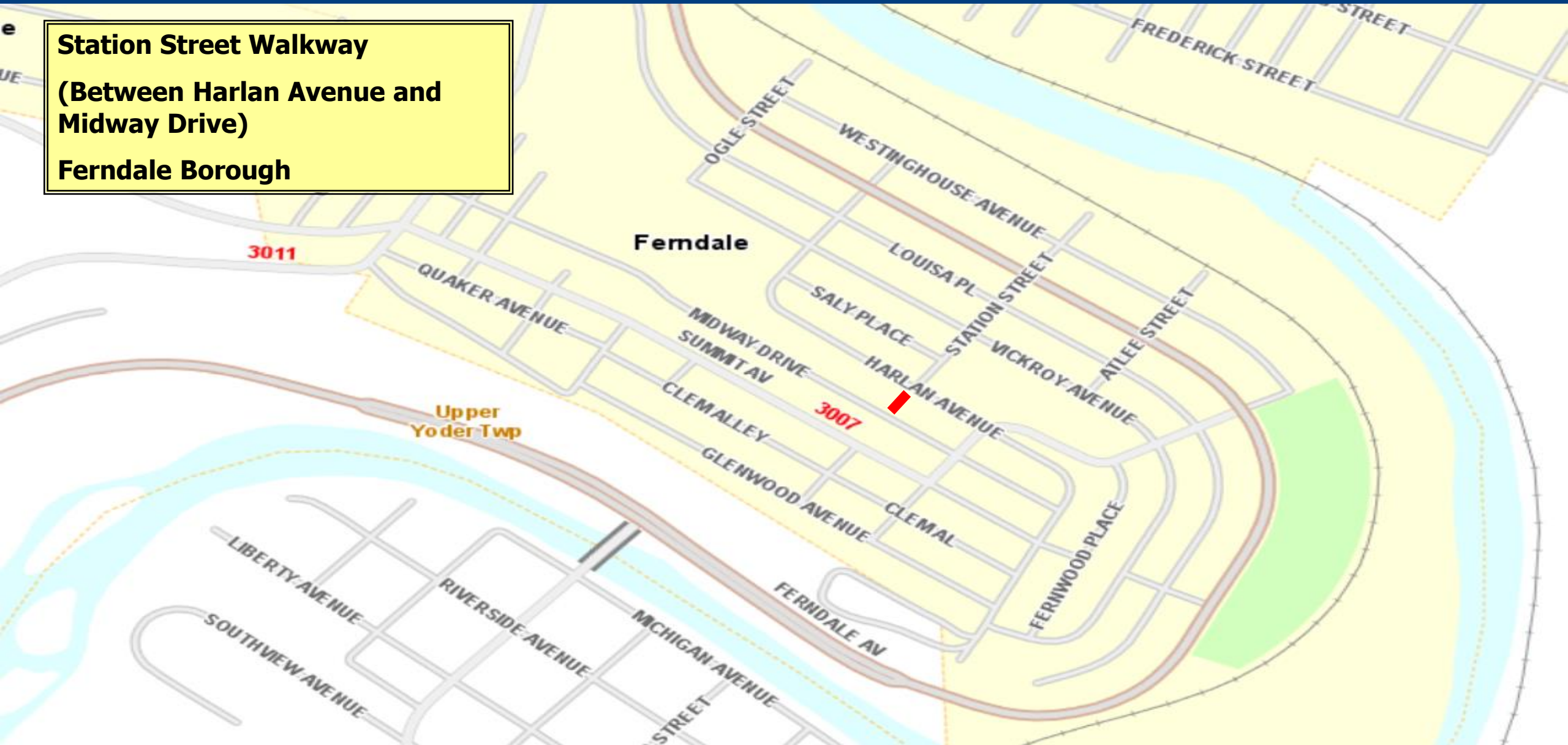


# STATION ST. WALKWAY REHAB – PHASE 2

## Station Street Walkway

(Between Harlan Avenue and  
Midway Drive)

Ferndale Borough



# QUESTIONS ?



Pennsylvania  
Department of Transportation



# CAMBRIA COUNTY MAINTENANCE ACTIVITIES

DAVID KAMMERER, P.E., ADE – MAINTENANCE

MICHAEL PEACHEY, E.I.T., COUNTY MANAGER



Pennsylvania  
Department of Transportation



# CAMBRIA COUNTY STAFF

**County Maintenance Manager**  
**Michael Peachey, E.I.T.**

**Assistant County Manager**  
**Kevin Eckenrode**

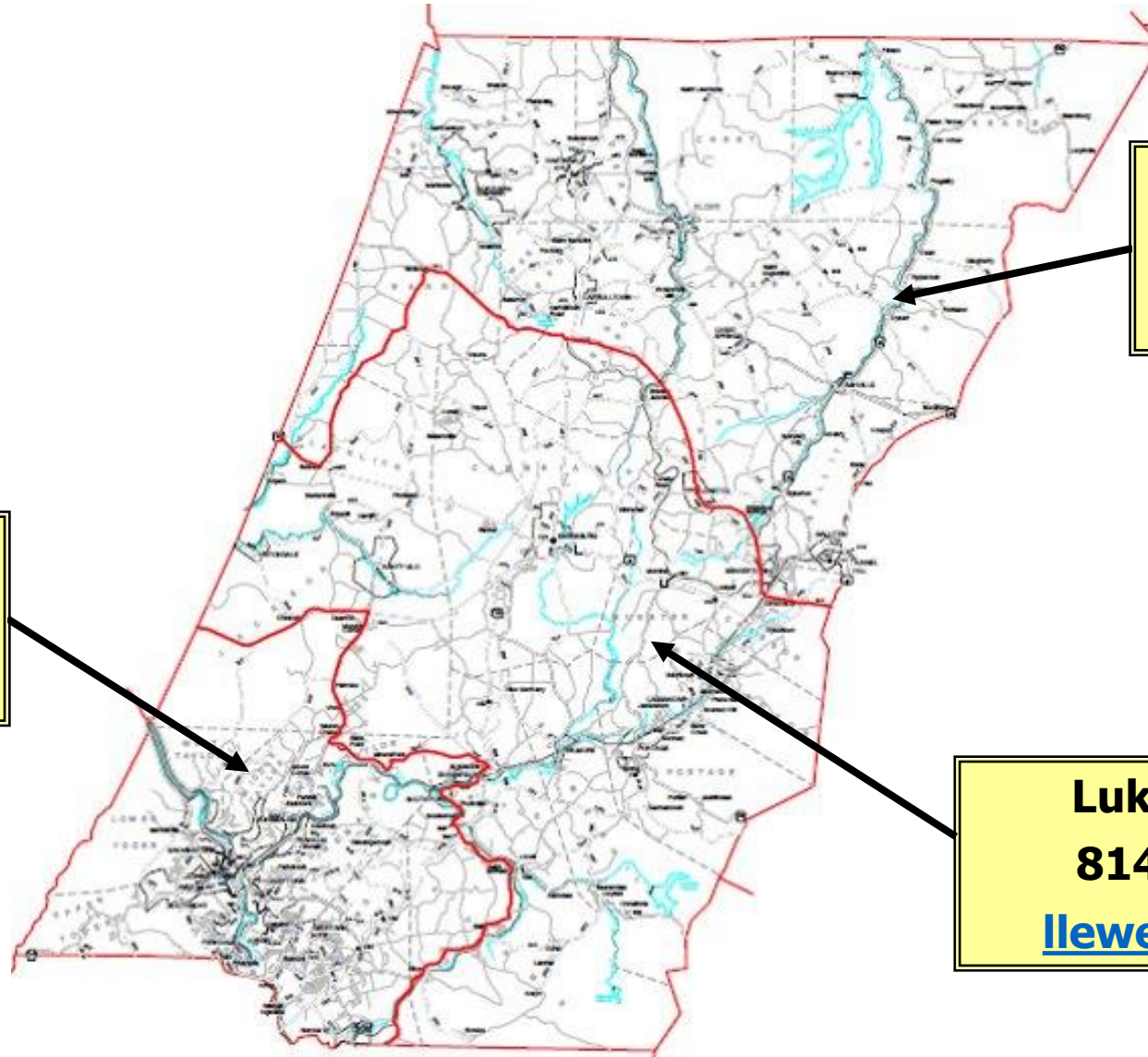
**Assistant County Manager**  
**Luke Llewellyn**

**Assistant County Manager**  
**Mike Popovnak**

**Roadway Programs Coordinator**  
**Bonnie Emigh**

**Equipment Manager**  
**Jeffrey Spaid**

# WHO TO CONTACT IN YOUR AREA



**Kevin Eckenrode**

**814-419-1153**

[keckenrode@pa.gov](mailto:keckenrode@pa.gov)

**Mike Popovnak**

**814-419-1151**

[mpopovnak@pa.gov](mailto:mpopovnak@pa.gov)

**Luke Llewellyn**

**814-419-1152**

[llewellyn@pa.gov](mailto:llewellyn@pa.gov)

# 2024 WINTER AGREEMENTS & 5-YEAR DEPARTMENT HISTORY

## 13 Winter Municipal Service Agreements

with

Johnstown, Dale, Ferndale, Lilly, Northern Cambria, Scalp Level & South Fork Boroughs, along with Adams, Blacklick, Conemaugh, Croyle, Jackson & Munster Townships

Totaling 79.75 Miles

Avg. Rate - \$2,024 / mile



### 5 Year Department Winter Material Usage & Cost\*

	2020	2021	2022	2023	2024
<b>SALT</b> (tons)	19,906	15,186	12,647	10,780	23,117
<b>SKID</b> (tons)	16,049	12,480	12,712	10,411	22,122
<b>BRINE</b> (gals)	235,710	174,653	174,653	119,177	124,544
<b>COST</b> (000's)	\$ 6,315	\$4,795	\$4,611	\$4,518	\$8,853

\*as of 4/1/25

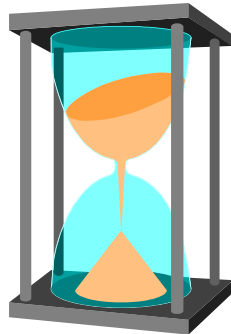
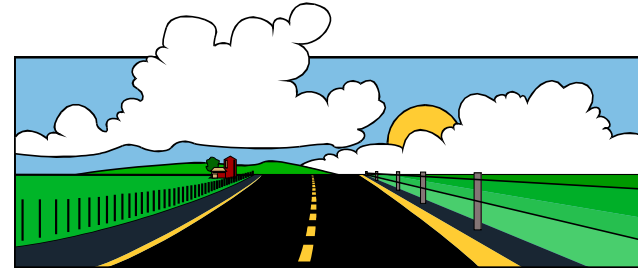


# PHILOSOPHY OF PREVENTIVE MAINTENANCE



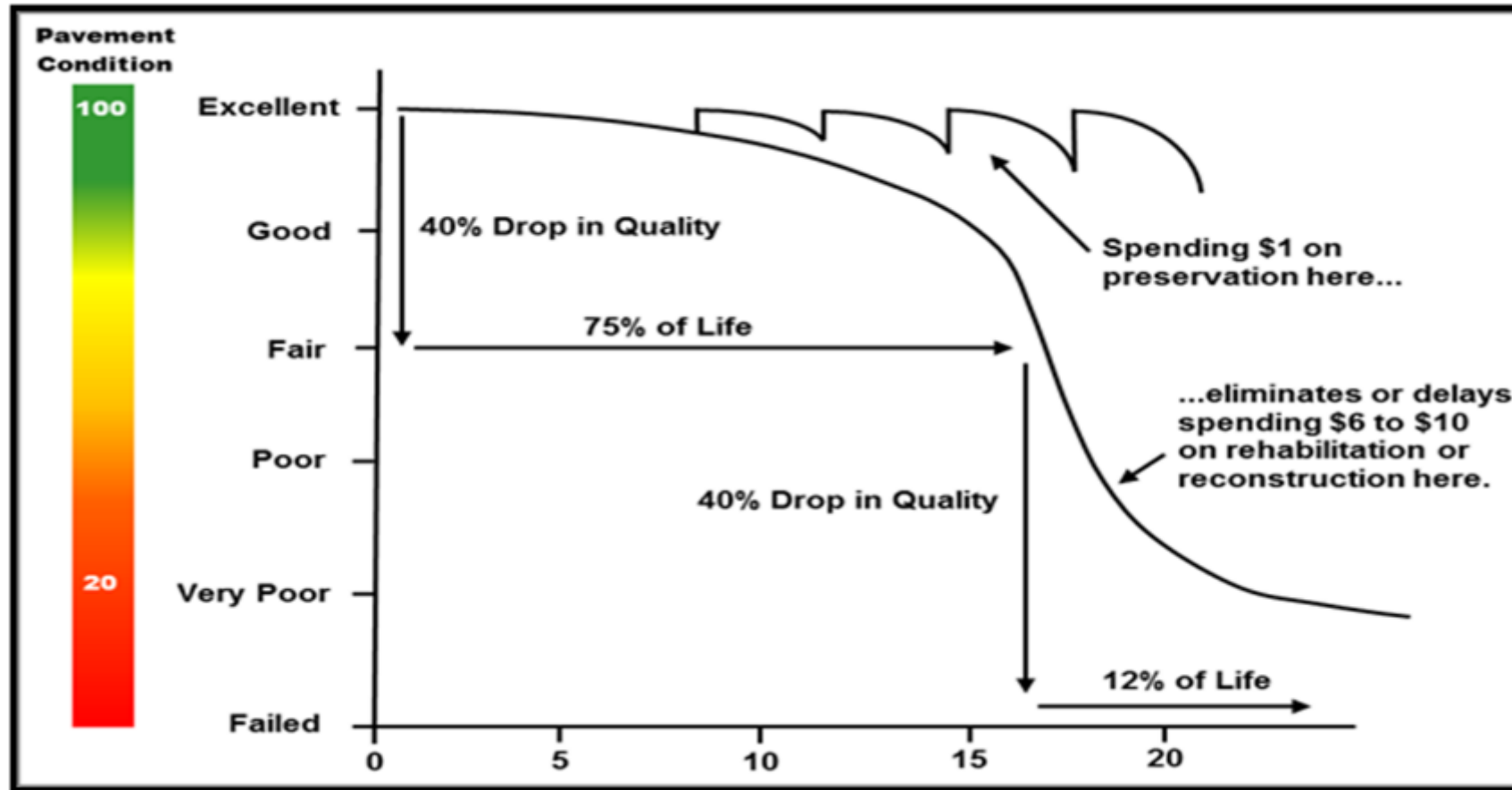
*Apply the right treatment*

*. . . to the right pavement*



*. . . at the right time.*

# PHILOSOPHY OF PREVENTIVE MAINTENANCE



## **Bituminous Surface Treatment**

- Economical approach to preserve and extend pavement life.
- Enrich the asphalt content of dry/worn pavements.
- Seals the roadway surface to prevent the intrusion of moisture into underlying courses.
- Restore pavement skid resistance level.
- Create a more uniform appearance.



## Stretching Maintenance Dollars

- Seal coat cost is about \$16,100/mile and lasts between 5 and 7 years.
- Seal coating is an extremely cost-effective way to preserve paved roadways and is critical to PennDOT's roadway preservation program.
- In comparison, a 1.5" resurfacing project on a similar low volume road costs approximately \$175,000/mile.

# SEAL COAT OPERATION

## Prep Work

- Test Aggregate
- Review Existing Pavement Condition
- Prepare Seal Coat Design
- Calibrate Equipment

## Day of Operation

- Weather
- Pre-Sweep
- Apply Emulsion
- Place Aggregate
- Make Adjustments
- Roll Aggregate
- Cure
- Sweep

# SEAL COAT OPERATION

- Oil Distributor
- Chip spreader
- Pneumatic (Rubber) tire roller
- Power broom



## **2025 Mill & Fill Contract Summary**

### **Cambria County Mill & Fill**

- 13,071 Tons

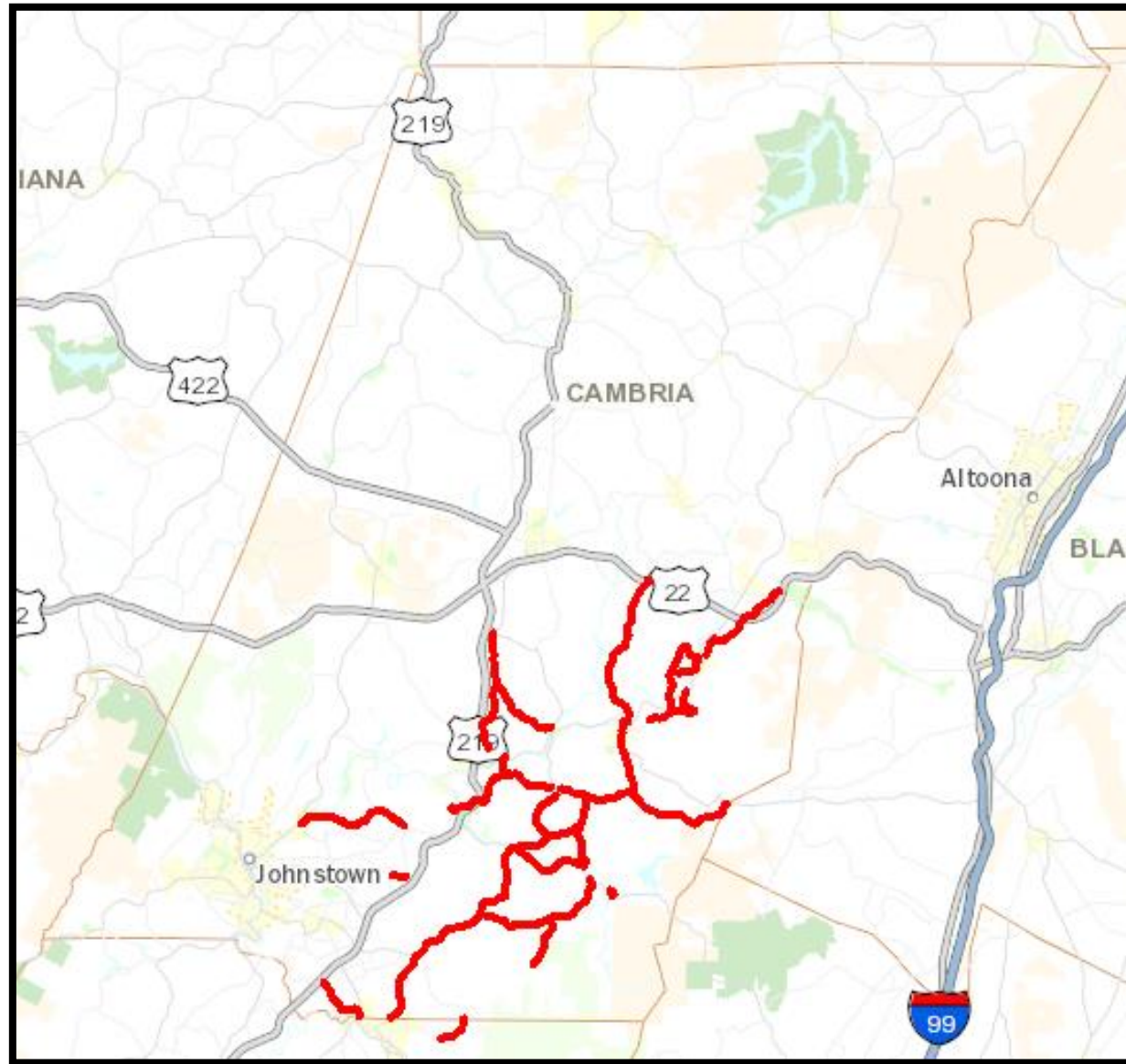


# PUTTING MONEY ON THE ROAD

## 2025 Department Force Work Summary

- **Seal Coating**
  - 72.67 miles on 21 routes
  - 419,262 Gallons
  - Estimated Cost - \$2,115,426

# 2025 DEPARTMENT FORCE SEAL COATING



# 2025 DEPARTMENT FORCE SEAL COATING

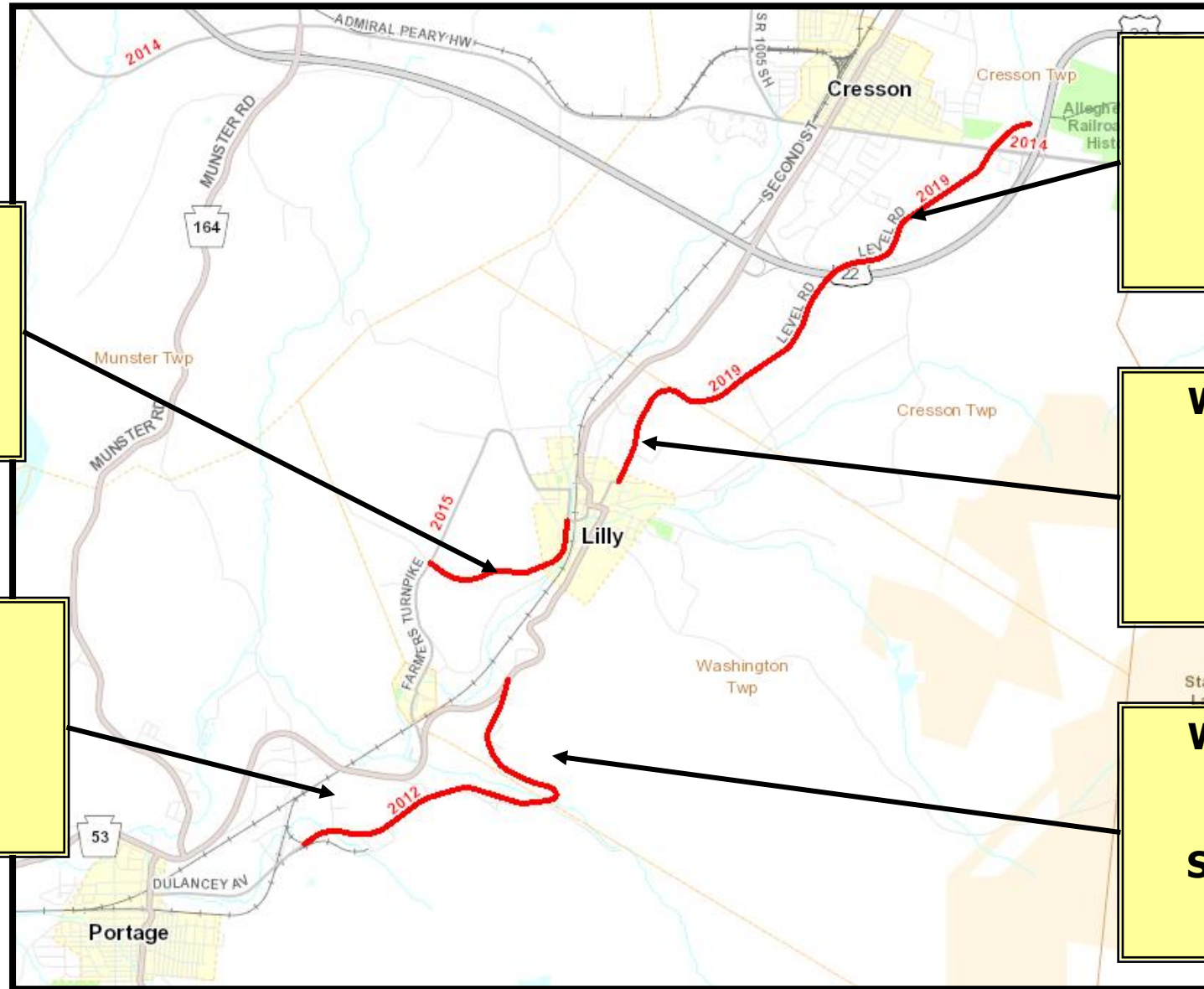
**Washington Twp.**  
**Route 2017**  
**Wood Street**  
**1.1 miles**

**Portage Twp.**  
**Route 2012**  
**Dulancey Avenue**  
**1.65 miles**

**Cresson Twp.**  
**Route 2019**  
**Level Road**  
**2.83 miles**

**Washington Twp.**  
**Route 2019**  
**Level Road**  
**0.84 miles**

**Washington Twp.**  
**Route 2012**  
**Scanlon Hill Road**  
**1.03 miles**



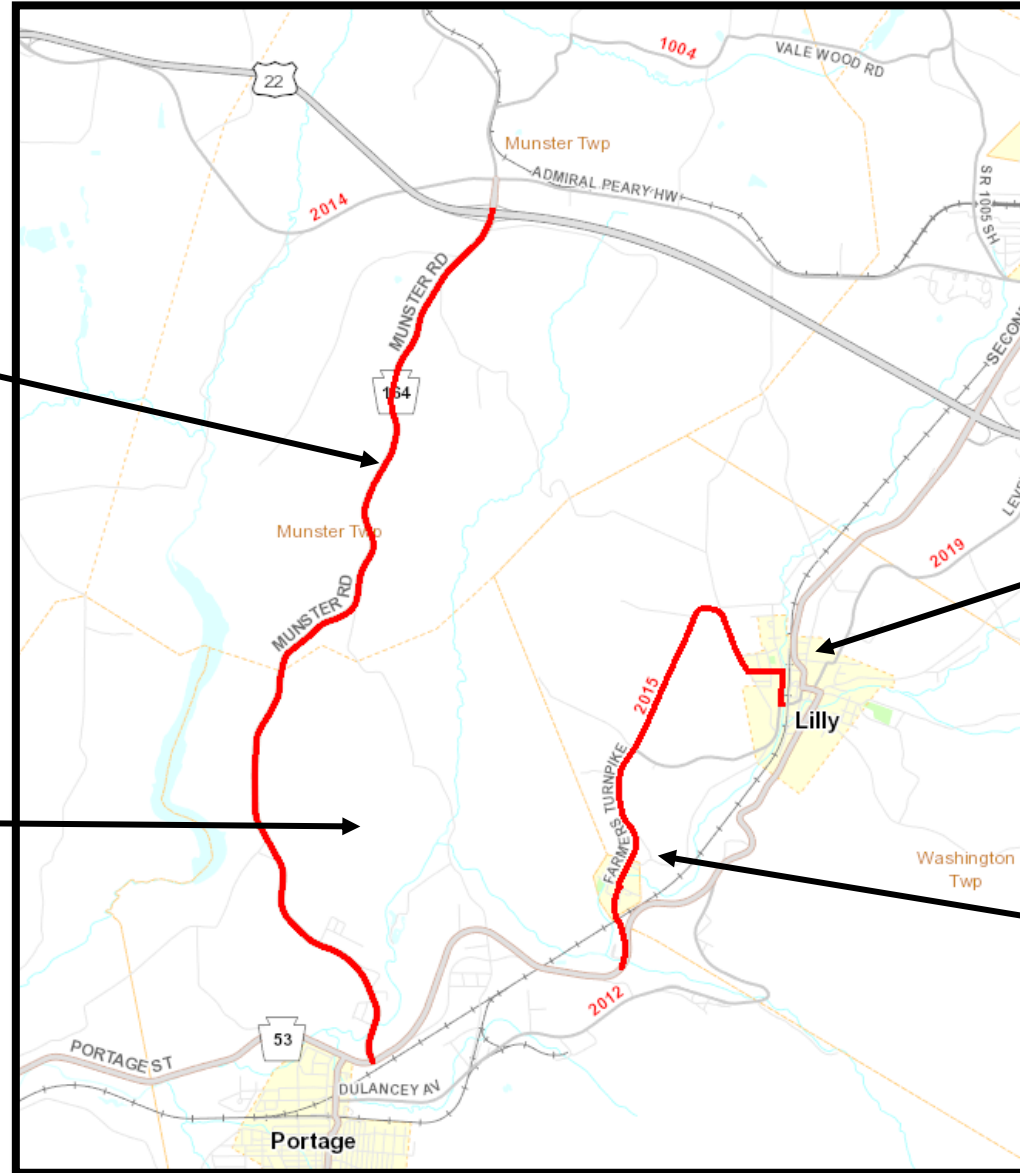
# 2025 DEPARTMENT FORCE SEAL COATING

**Munster Twp.**  
**Route 164**  
**Munster Road**  
**1.1 miles**

**Portage Twp.**  
**Route 164**  
**Munster Road**  
**1.1 miles**

**Washington Twp.**  
**Route 2015**  
**Farmers Turnpike**  
**1.1 miles**

**Portage Twp.**  
**Route 2015**  
**Cassandra Road**  
**1.1 miles**

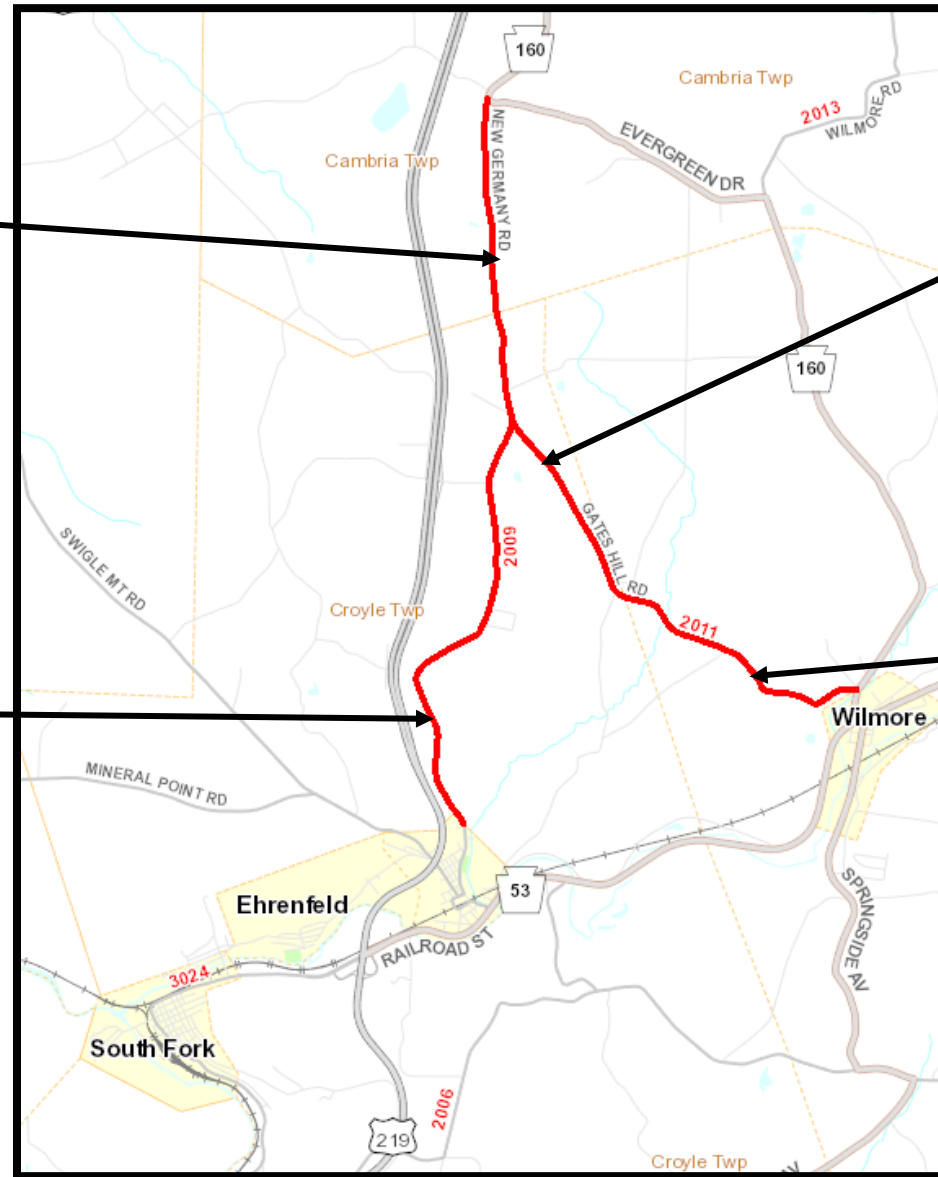




# 2025 DEPARTMENT FORCE SEAL COATING

**Cambria Twp.  
Route 2009  
New Germany Road  
1.19 miles**

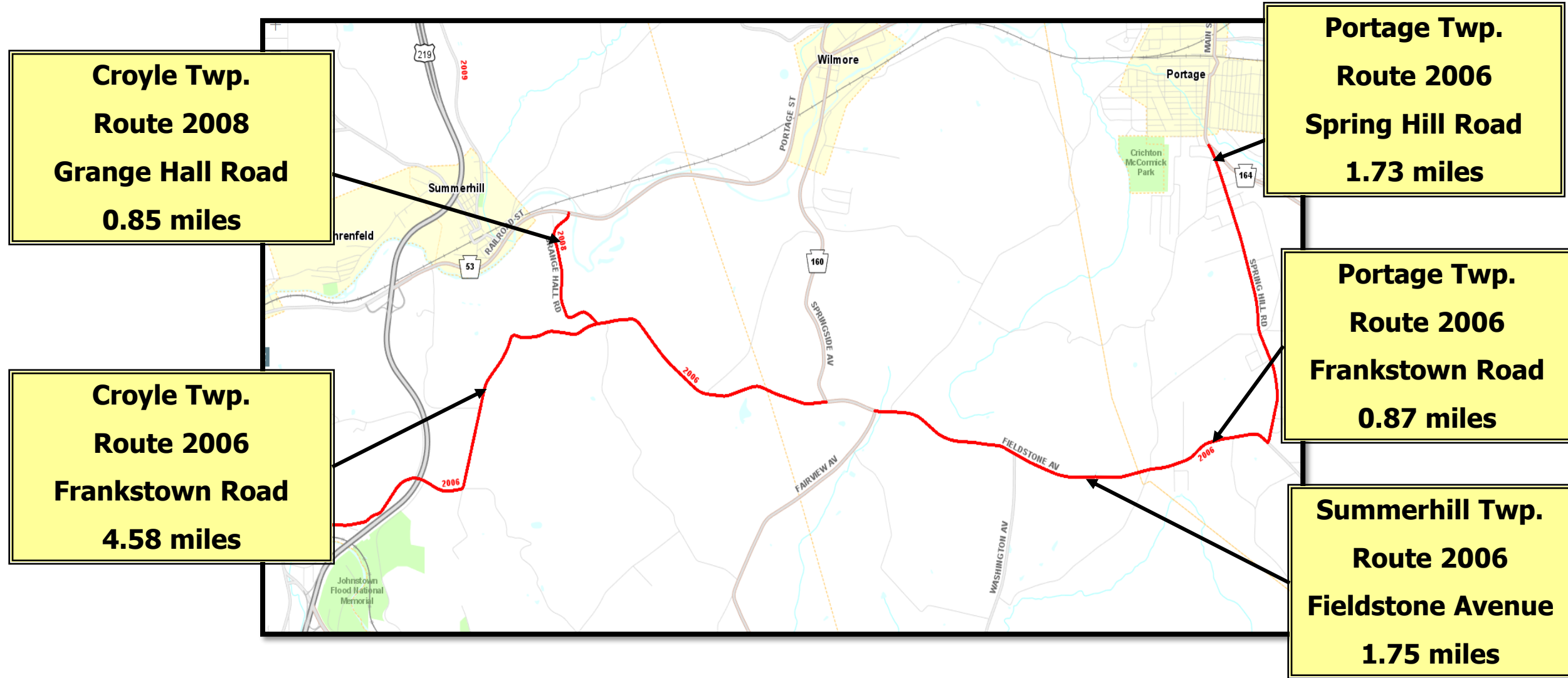
**Croyle Twp.  
Route 2009  
New Germany Road  
3.15 miles**



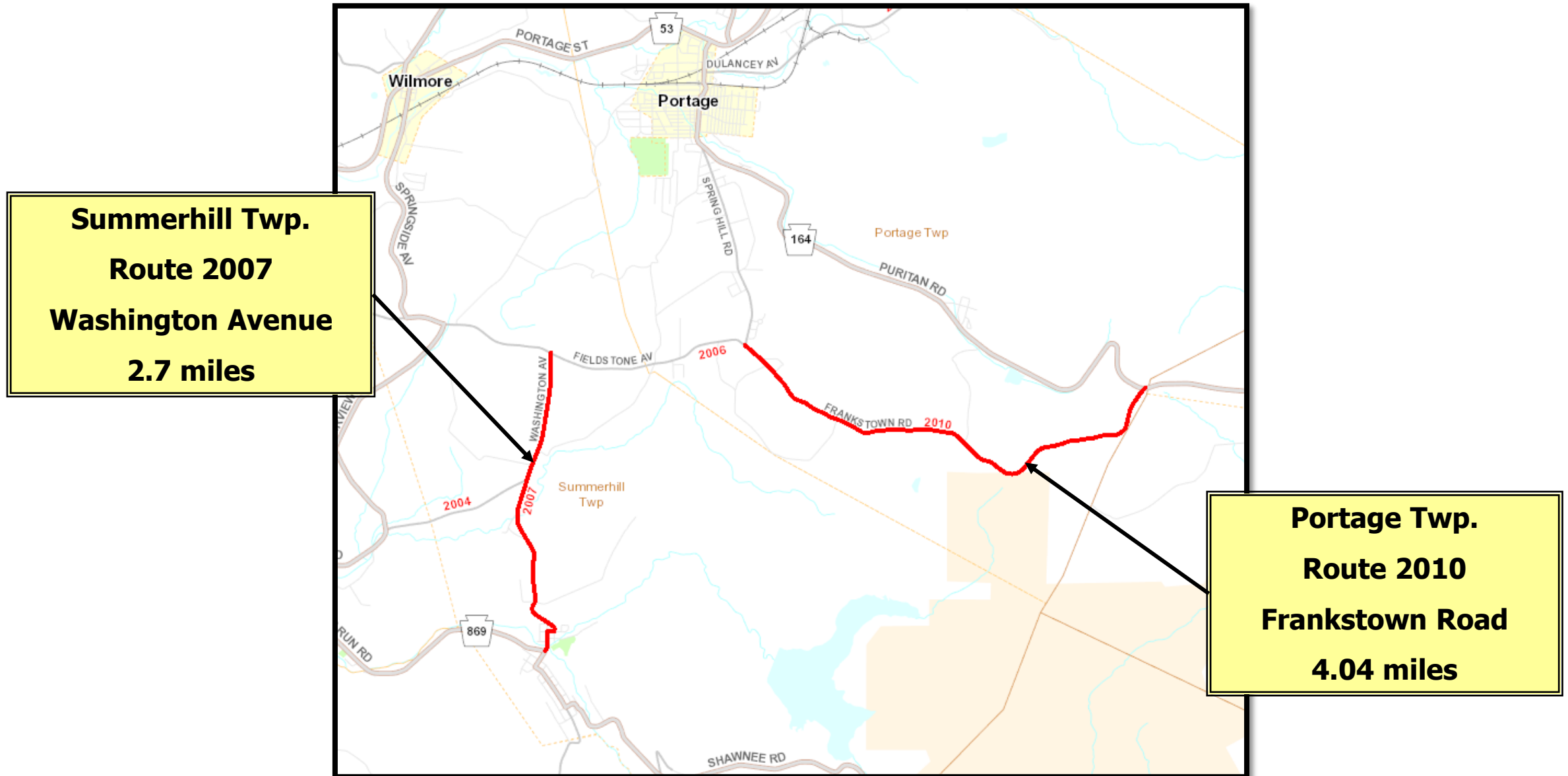
**Croyle Twp.  
Route 2011  
Gates Hill Road  
1.16 miles**

**Summerhill Twp.  
Route 2011  
Gates Hill Road  
1.55 miles**

# 2025 DEPARTMENT FORCE SEAL COATING



# 2025 DEPARTMENT FORCE SEAL COATING



# 2025 DEPARTMENT FORCE SEAL COATING

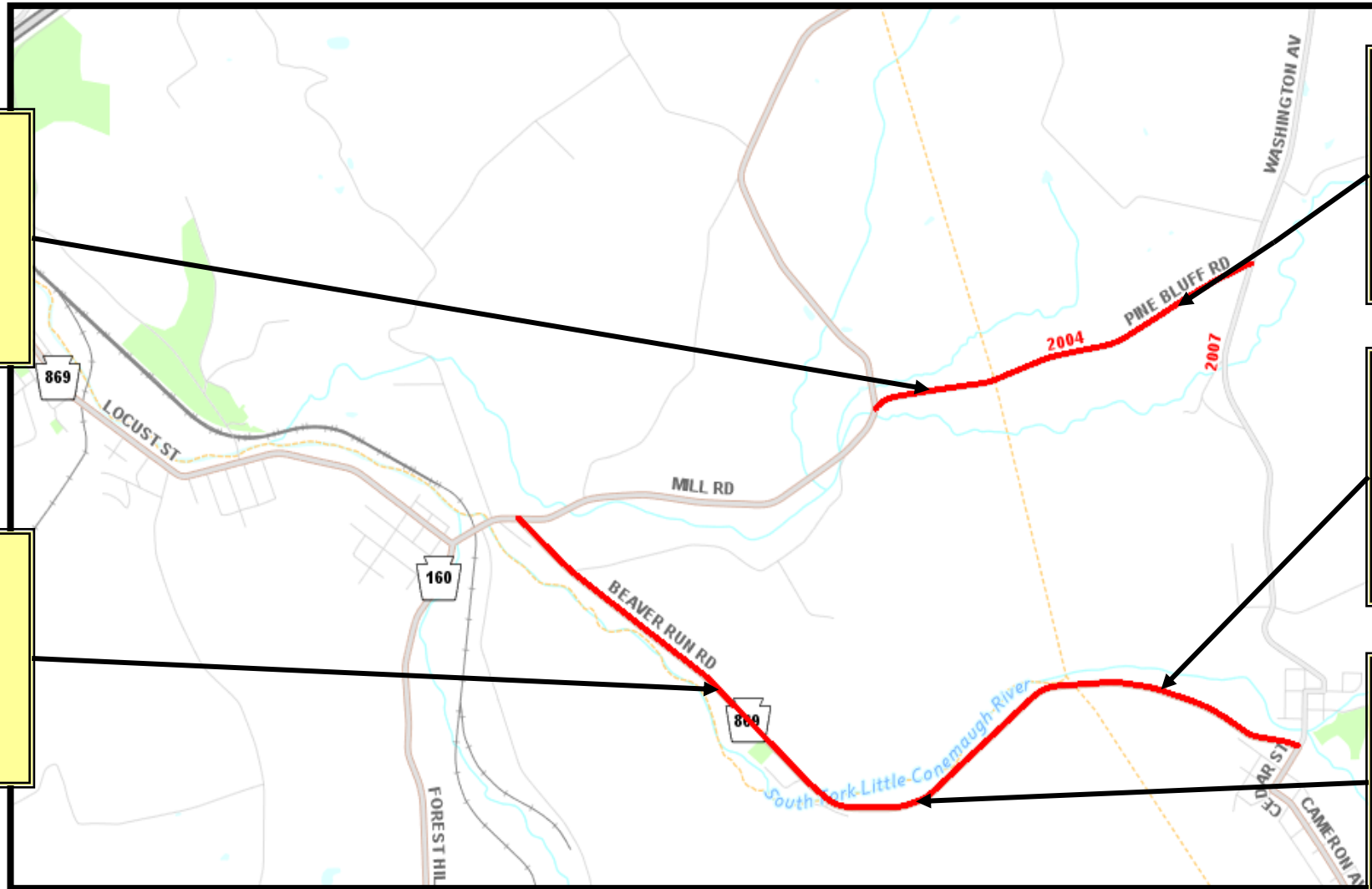
**Croyle Twp.  
Route 2004  
Mill Road  
0.4 miles**

**Croyle Twp.  
Route 869  
Beaver Run Road  
1.28 miles**

**Summerhill Twp.  
Route 2004  
Pine Bluff Road  
0.87 miles**

**Summerhill Twp.  
Route 869  
Beaver Run Road  
0.72 miles**

**Adams Twp.  
Route 869  
Beaver Run Road  
0.89 miles**





# 2025 DEPARTMENT FORCE SEAL COATING

**Adams Twp.  
Route 2003  
Thomson Avenue  
0.65 miles**

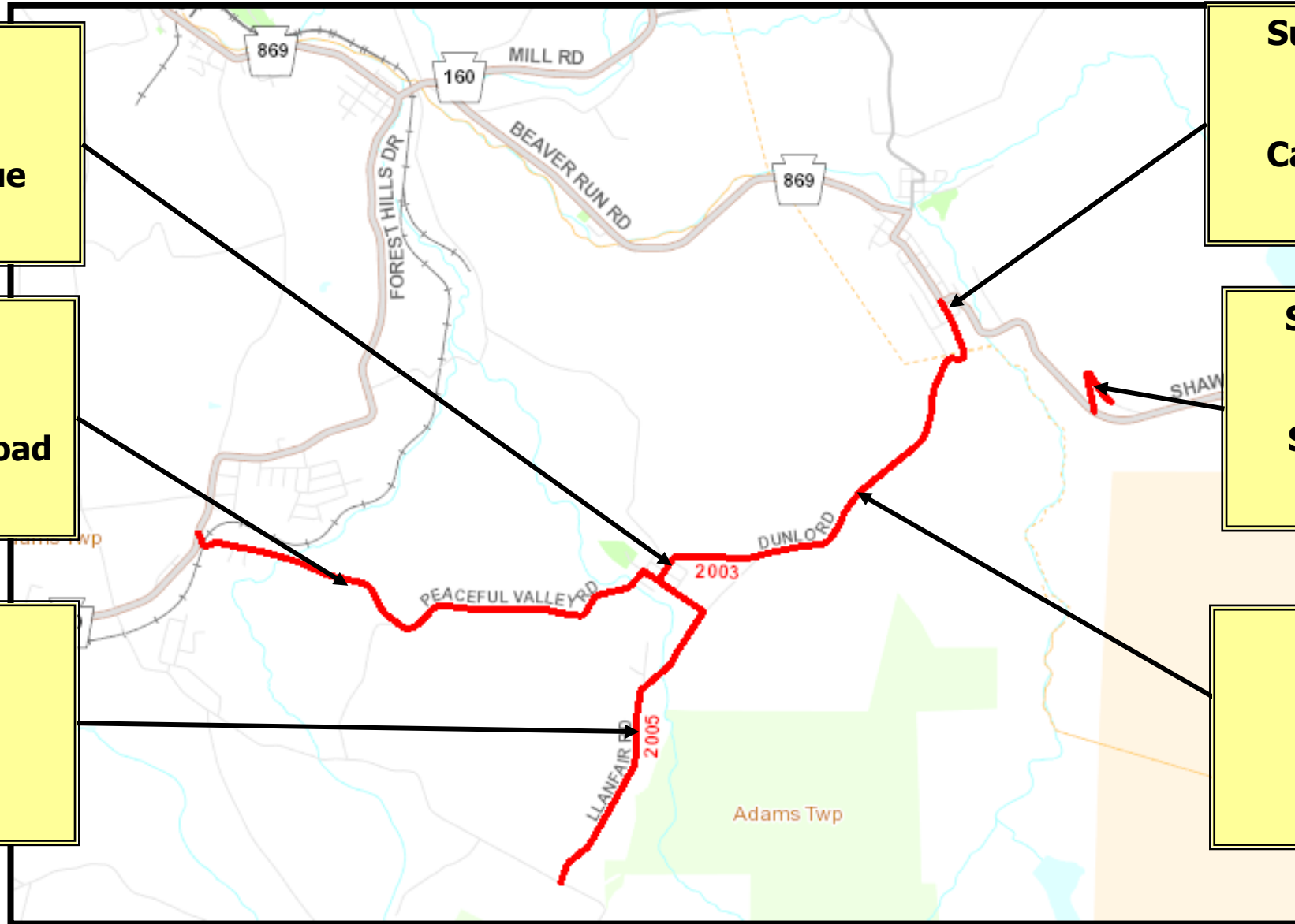
**Adams Twp.  
Route 2003  
Peaceful Valley Road  
2.36 miles**

**Adams Twp.  
Route 2005  
Llanfair Road  
1.92 miles**

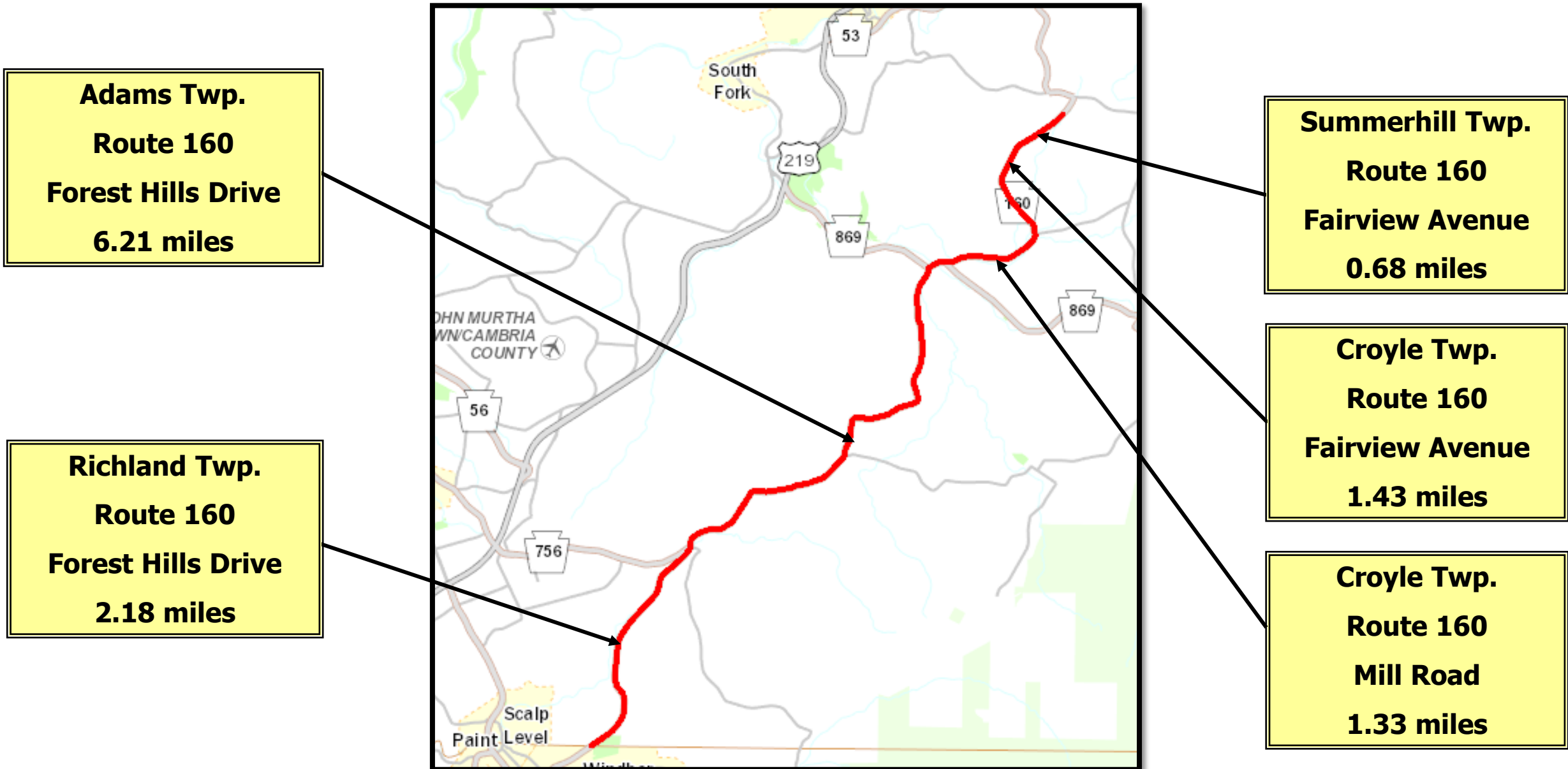
**Summerhill Twp.  
Route 2003  
Cameron Avenue  
0.26 miles**

**Summerhill Twp.  
Route 2002  
Stepside Avenue  
0.4 miles**

**Adams Twp.  
Route 2003  
Dunlo Road  
1.98 miles**



# 2025 DEPARTMENT FORCE SEAL COATING



# 2025 DEPARTMENT FORCE SEAL COATING

**Franklin Borough**

**Route 3026**

**Main Street**

**0.52 miles**

**Conemaugh Twp.**

**Route 3026**

**Clapboard Run Road**

**3.39 miles**

**Conemaugh Twp.**

**Route 3028**

**Wissinger Hollow Road**

**1.25 miles**

**Richland Twp.**

**Route 3026**

**Clapboard Run Road**

**0.32 miles**

**Richland Twp.**

**Route 3028**

**Wissinger Hollow Road**

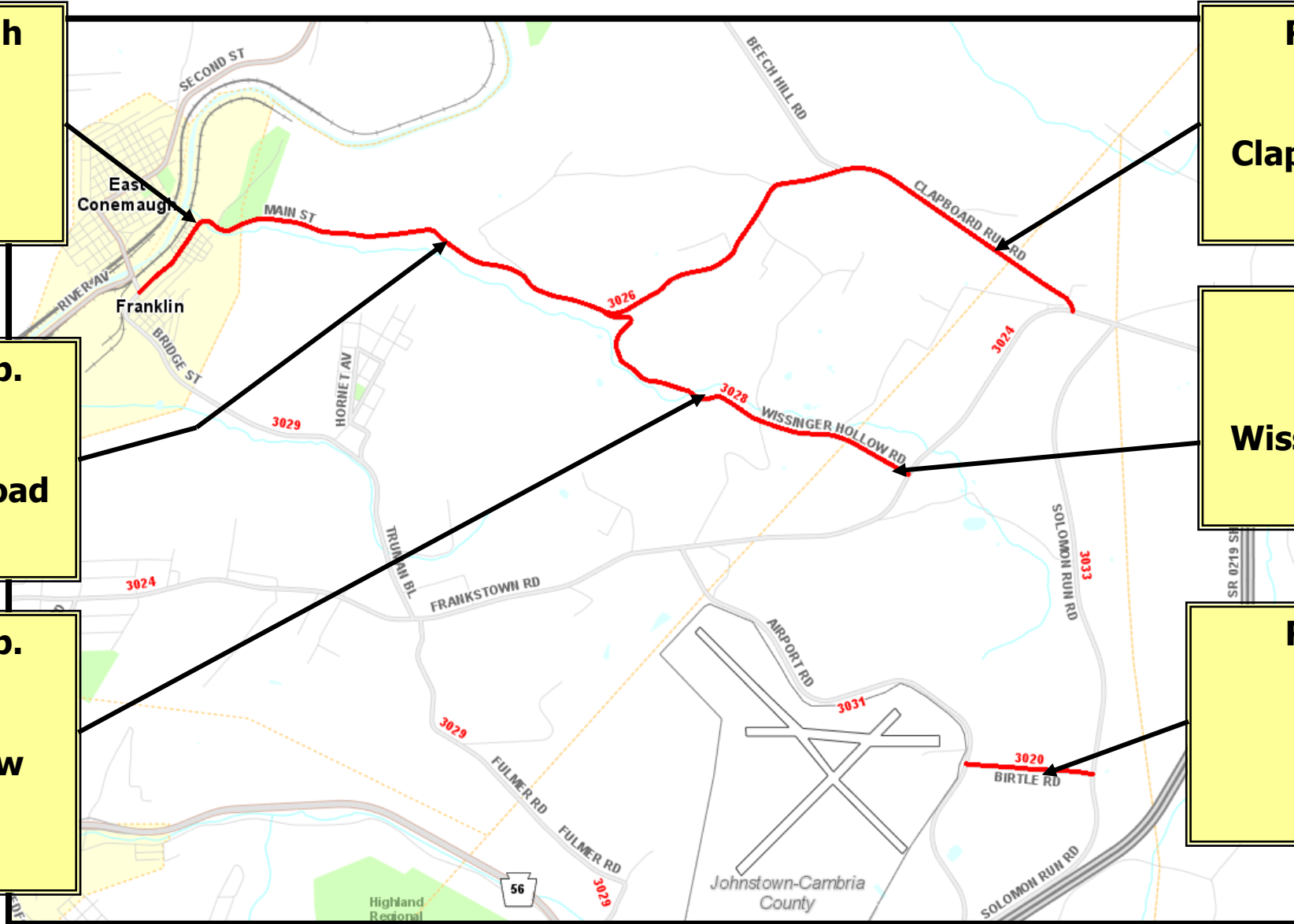
**0.27 miles**

**Richland Twp.**

**Route 3020**

**Birtle Road**

**0.49 miles**



# 2025 DEPARTMENT FORCE SEAL COATING

**Richland Twp.**

**Route 3015**

**Mine Thirtyseven  
Road**

**0.72 miles**

**Richland Twp.**

**Route 3015**

**First Street**

**0.48 miles**

**Scalp Level Borough**

**Route 3015**

**Locust Street**

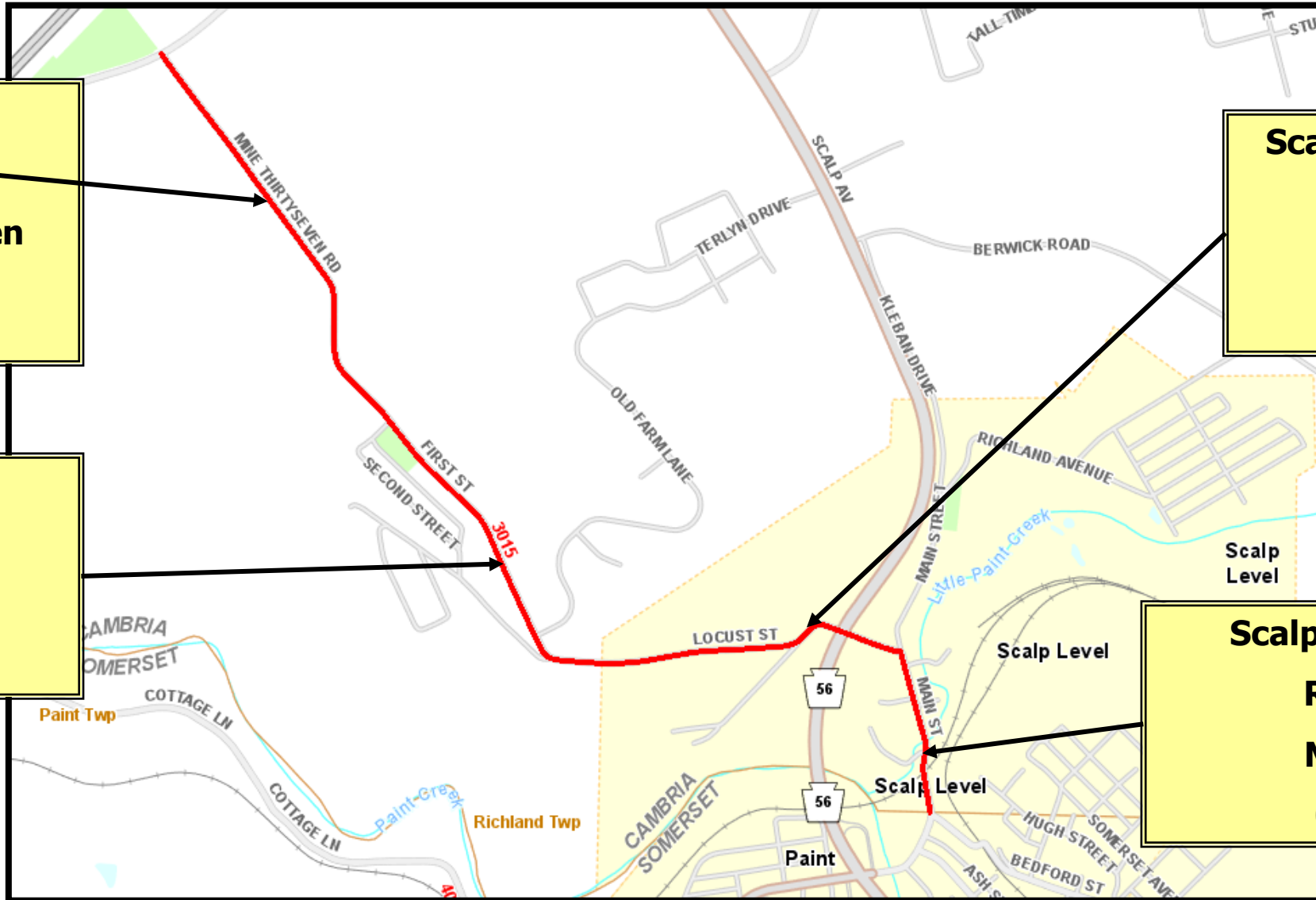
**0.59 miles**

**Scalp Level Borough**

**Route 3015**

**Main Street**

**0.27 miles**





# AGILITY AGREEMENTS

5 Agreements with  
**City of Johnstown,  
Adams, Reade & Cresson  
Townships, and GJCTC.**

Mowing, Snow Removal & Vacuuming For  
Line Painting, Drainage & Crack Sealing



## Other Possible Activities

- Sign Replacements
- Shoulder Cutting

# 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!**

# CAMBRIA COUNTY DESIGN OVERVIEW

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



Pennsylvania  
Department of Transportation



# WHAT DOES “MULTIMODAL” MEAN?

- More than one way to get around!
- Not just about cars
- Think: walking, biking, buses, trains, even safe streets for trucks
- Making it easier and safer to use all these options



# WHY DOES THIS MATTER TO US?

- Reduces traffic jams
- Improves air quality
- Makes our communities healthier and more active
- Boosts our local economy
- Creates safer streets for everyone



VS



# THE MTF PROGRAM: A HELPING HAND

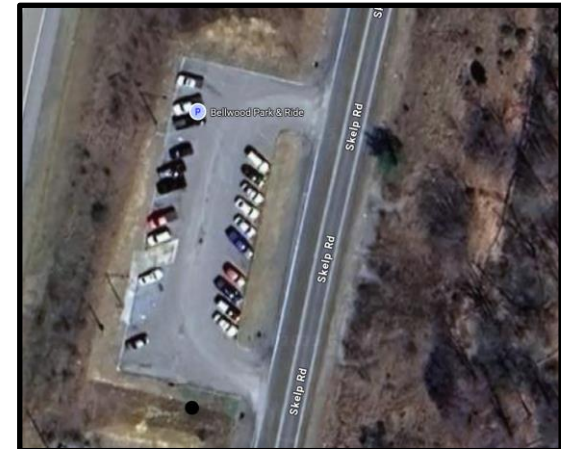
- State grant funding to improve transportation
- Helps pay for projects that make a difference
- Two programs: (we'll focus on PennDOT)
  - PennDOT: Transportation infrastructure
  - DCED: Broader economic development through transportation





# WHAT CAN BE FUNDED?

- Sidewalks and pedestrian safety improvements
- Bike lanes and trails
- Bus stop upgrades (shelters, accessibility)
- Small bridge and road repairs
- Streetscape projects (making streets more attractive and functional)
- Park-and-ride facilities
- Projects that connect different modes of transportation





# WHO CAN APPLY?

- Municipalities (cities, boroughs, townships)
- Counties
- Transit agencies
- School districts
- Non-profit organizations (in some cases)
- Businesses (in some cases, often with a public partner)



# FUNDING AND APPLICATION TIMELINE

## **Funding:**

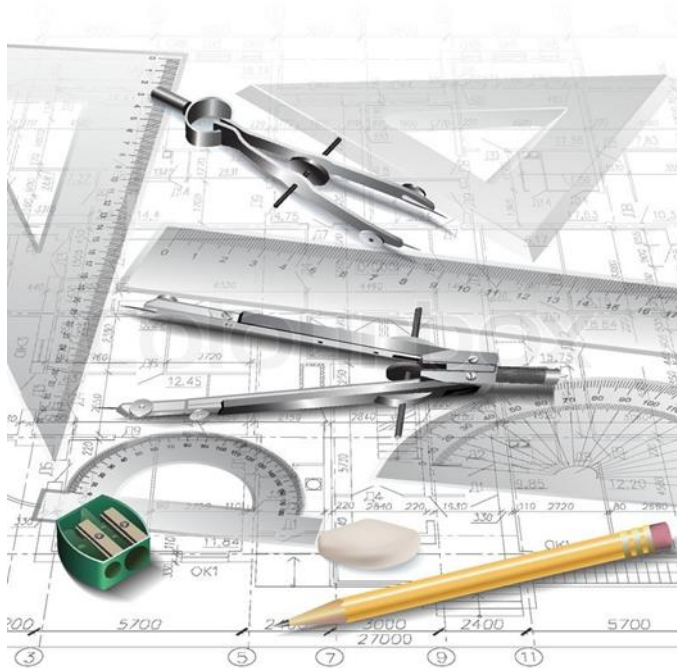
- Minimum project cost: \$100,000
- Maximum grant amount: \$3 million
- Local match requirement: 30%

## **Application Timeline:**

- Applications are typically accepted over a 2 month period every fall
  - Last Round Accepted: 9/23/24 to 11/8/24
- Check the PennDOT website for the exact dates!
  - (This is very important)
- It takes time to prepare a good application, so start planning early!



# Example MTF Projects



# EXAMPLE PROJECT: BEDFORD COUNTY

## Sponsor: Bedford County Airport Authority



Photo by Clark Contractors, Inc.

- Awarded \$1,238,684 in FY 2014-2016
- Maintenance hangar, office, parking and small aircraft apron construction



# EXAMPLE PROJECT: BLAIR COUNTY

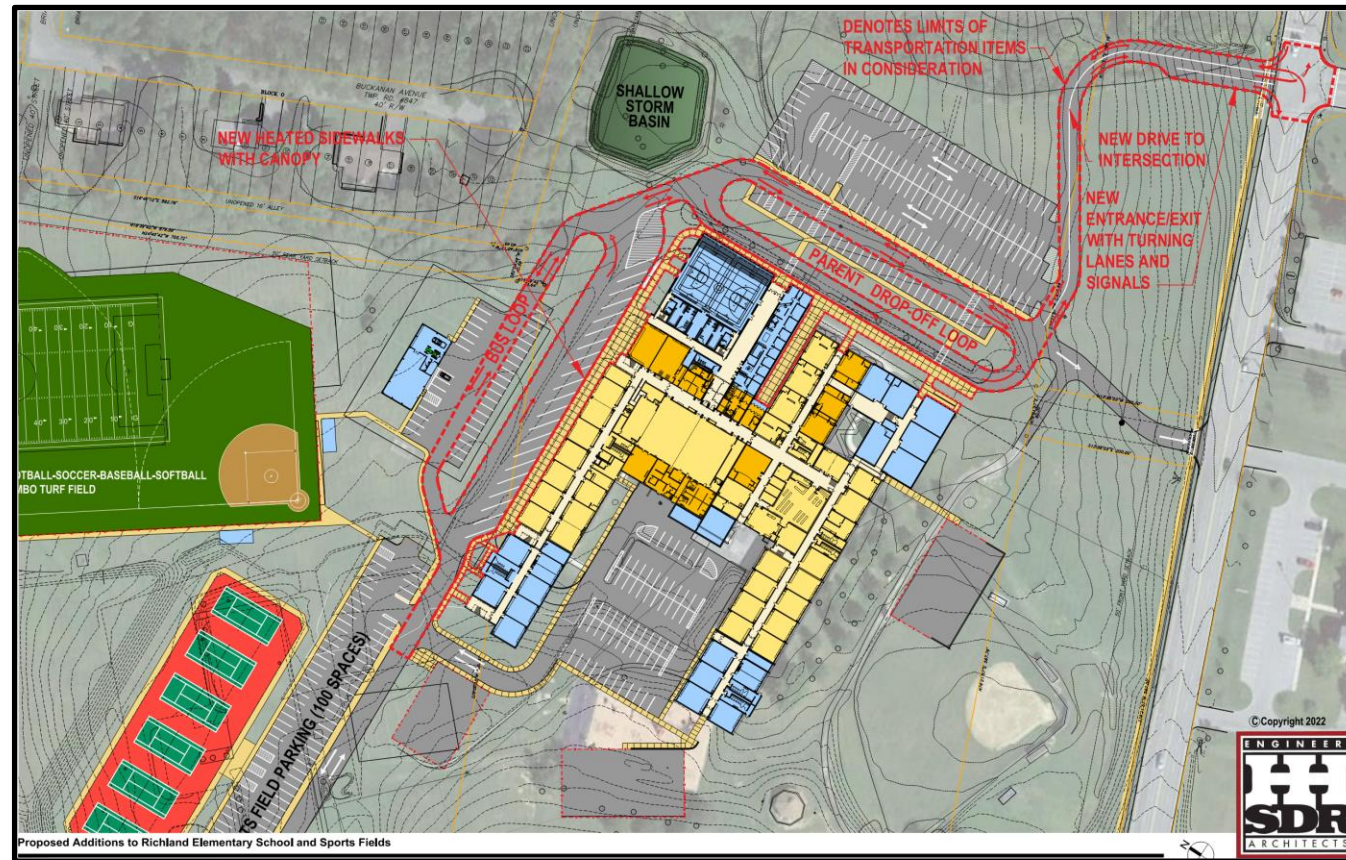
**Sponsor: Rails to Trails of Central Pennsylvania, Inc.**



- Awarded \$585,000 in FY 2014-2016
- Underpass construction at US 22 to connect Lower Trail to Canoe Creek State Park

# EXAMPLE PROJECT: CAMBRIA COUNTY

## Sponsor: Richland School District



- Awarded \$1,752,250 in FY 2024-2025
- Improvements to enhance vehicular and pedestrian transportation associated with the interaction of the school and township roadways at the Richland Elementary School.



# EXAMPLE PROJECT: FULTON COUNTY

## Sponsor: Union Township



- Awarded \$310,000 in FY 2022-2023
- Paving and drainage improvements to a 1.5-mile portion of Hendershot Road to enhance safety and accessibility.

# EXAMPLE PROJECT: HUNTINGDON COUNTY

## Sponsor: Mount Union Borough



- Awarded \$1,200,000 in FY 2018-2019
- New retaining wall, roadway, sidewalks, and storm drain improvements along Pennsylvania Avenue.



# EXAMPLE PROJECT: SOMERSET COUNTY

## Sponsor: Jennerstown Borough



- Awarded \$261,067 in FY 2014-2016
- New sidewalk construction to provide safe passage for school students, tourists and other pedestrians and provide handicap access along the Historic Lincoln Highway U.S. 30.

# WHAT TO EXPECT?



- The application is online.
- You'll need to provide detailed information about your project.
- This includes a budget, timeline, and how it benefits the community.
- PennDOT reviews all applications.
- It can take several months to hear back.

# MTF: ADDITIONAL INFORMATION

- **Additional Information**

- David Bratina – MTF Project Manager, Central Office (Harrisburg)
- 717.705.1230
- [RA-PDMultimodalFund@pa.gov](mailto:RA-PDMultimodalFund@pa.gov)

- **Further Information**

- GOOGLE: “PennDOT MTF”

# ADDITIONAL RESOURCES

## Transportation Improvement Program (TIP)

### Overview

Fiscally constrained program of transportation improvements

- 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

More Info: [www.talkpatransportation.com](http://www.talkpatransportation.com)

## Transportation Infrastructure & Investment Fund (TIIF)

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.

## Marcellus Legacy Fund-Act 13

- 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)

More Info: [Google Penndot Act 13](#)  
Contact: [ra-Act13@pa.gov](mailto:ra-Act13@pa.gov)

## FUNDING OPPORTUNITIES

### Multimodal Transportation Fund (MTF)

- \$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.
- 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

#### Eligibility

- Municipality
- Council of Governments
- Business/Non-profit
- Economic Development Organization
- Public Transportation Agency
- Ports or Rail/Freight Entity

#### Qualifying Activities

Funds may be used for the development, rehabilitation & enhancement of transportation assets including:

- Streetscapes lighting
- Sidewalk enhancement
- Pedestrian safety
- Connectivity of transportation assets
- Transit oriented development

Please note that PennDOT's multimodal program is separate from the Multimodal Transportation Fund administered by the Commonwealth Financing Authority.

More Info: [Google Penndot MTF Success Manual](#)  
Contact: [RA-PDMultimodalFund@pa.gov](mailto:RA-PDMultimodalFund@pa.gov)

## Transportation Alternatives Set-Aside (TASA)

### Categories of Eligibility

- Bicycle & Pedestrian Facilities
- Bicycle & Pedestrian Education
- Rails to Trails
- Construction of Turnouts, Overlooks and Viewing Areas
- Outdoor Advertising
- Preservation & Rehab of Historic Transportation Facilities
- Vegetation Management
- Archaeological Activities
- Storm Water Management
- Wildlife Mortality Mitigation
- Vulnerable Road User Assessment Activity

### Sponsor Eligibility

- 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

### Funding

- Federal cost share program, not a grant program
- Projects funded at 100% of the construction cost
- Minimum of \$50,000, maximum of \$1,500,000
- Project sponsor is responsible for pre-construction costs

More Info: [Google Penndot TASA](#)  
Contact: [RA-pdTASA@pa.gov](mailto:RA-pdTASA@pa.gov)



## Green Light Go Program (GLG)

Pennsylvania's Municipal Signal Partnership Program

### Eligible Projects

- LED Replacement
- Traffic Signal Retiming
- Study & Removal of Unwarranted signals
- Monitoring
- Innovative Technologies
- Communications
- Connections to TMC
- Detection & Controller Upgrades
- Modernization Upgrades
- Intelligent Transportation System (ITS)

### Eligible Use of Funds

Grants may be used for planning, pre-construction and construction activities

### Match Requirements

Municipal application & 20% match

### Application

Applications accepted annually between February 1 & February 28

### Funding

Total amount of funding available in 2025 is approximately \$40 million

More Info: [Google Penndot Green Light-Go](#)

Contact: [RA-PDSignalFunding@pa.gov](mailto:RA-PDSignalFunding@pa.gov)

## PA Infrastructure Bank (PIB)

### Overview

The Pennsylvania Infrastructure Bank (PIB) is a PennDOT program that provides low-interest loans to help fund transportation projects within the Commonwealth.

More Info: [Google PA Infrastructure Bank](#)

Contact: [ra-Act13@pa.gov](mailto:ra-Act13@pa.gov)

## Automatic Red-Light Enforcement (ARLE)

### Overview

Transportation enhancement grants to local, regional & Commonwealth agencies for projects that improve highway safety, mobility & reduce congestion

### Eligibility

- Local Governments
- Metropolitan Planning Organization
- Rural Planning Organization
- County Planning Organization
- Commonwealth Agencies

### Categories

- Roadway Safety, Mobility and Capacity
- Bicycle and Pedestrian Improvements
- LTAP Projects
- Traffic Signal Improvements

### Match Requirements

ARLE funds do not require a match. Cost Sharing is encouraged.

### Application

Applications accepted annually between June 1 & June 30

### Anticipated Funding

Between \$3 – \$18 million available each year.

More Info: [Google Penndot ARLE](#)

Contact: [ARLE@pa.gov](mailto:ARLE@pa.gov)

## Municipal Service Payments to County & Local Governments

### Municipal Liquid Fuels Program

- Funds a range of projects to support municipalities in construction & maintenance of public roads
- Allocation based on population & miles of road on the approved Liquid Fuels Inventory

### County Liquid Fuels Program

- Funds a range of projects to support construction & maintenance of county roads & bridges
- Allocation based on historical gas consumption rates
- Annual Report submission required

### County Fee for Local Use Fund

- Established under Act 89
- \$5 fee for local use on nonexempt vehicles registered to an address in the county
- Used for transportation purposes

All Subject to Eligibility Requirements

More Info: [Google Penndot Local Government](#)

## Redevelopment Assistance Capital Program (RACP)

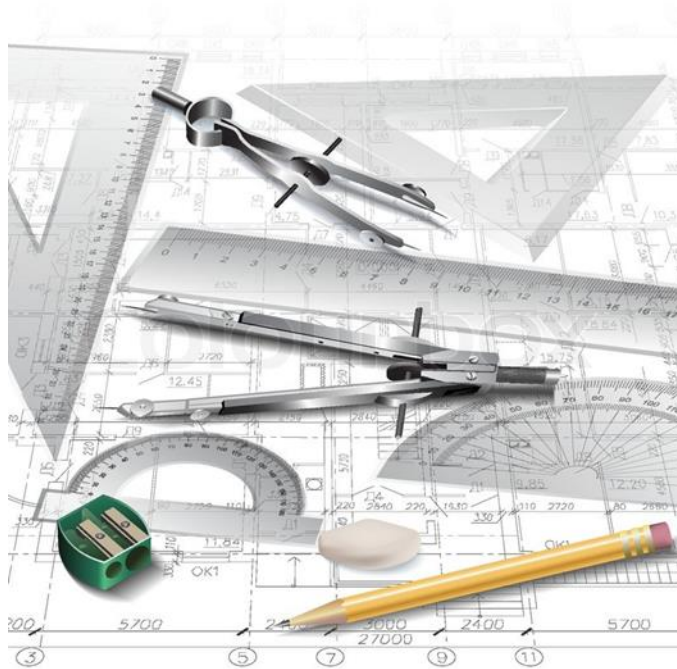
The RACP is a Commonwealth grant program administered by the Office of the Budget for the design, acquisition and construction of regional economic, cultural, civic, recreational, and historical improvement projects. Projects should have a regional or multi-jurisdictional impact and generate substantial increases or maintain current levels of employment, tax revenues, or other measures of economic activity. RACP projects are state-funded projects that cannot obtain primary funding under other state programs.

More Info: [Google PA RACP](#)





# Current Design Projects



# SIDMAN ROUTE 160 SUPERSTRUCTURE REPLACEMENT 1



- **Project Type:** Bridge Rehabilitation
- **Location:** Route 160 (Forest Hills Drive) over Otto Run in Adams Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2025

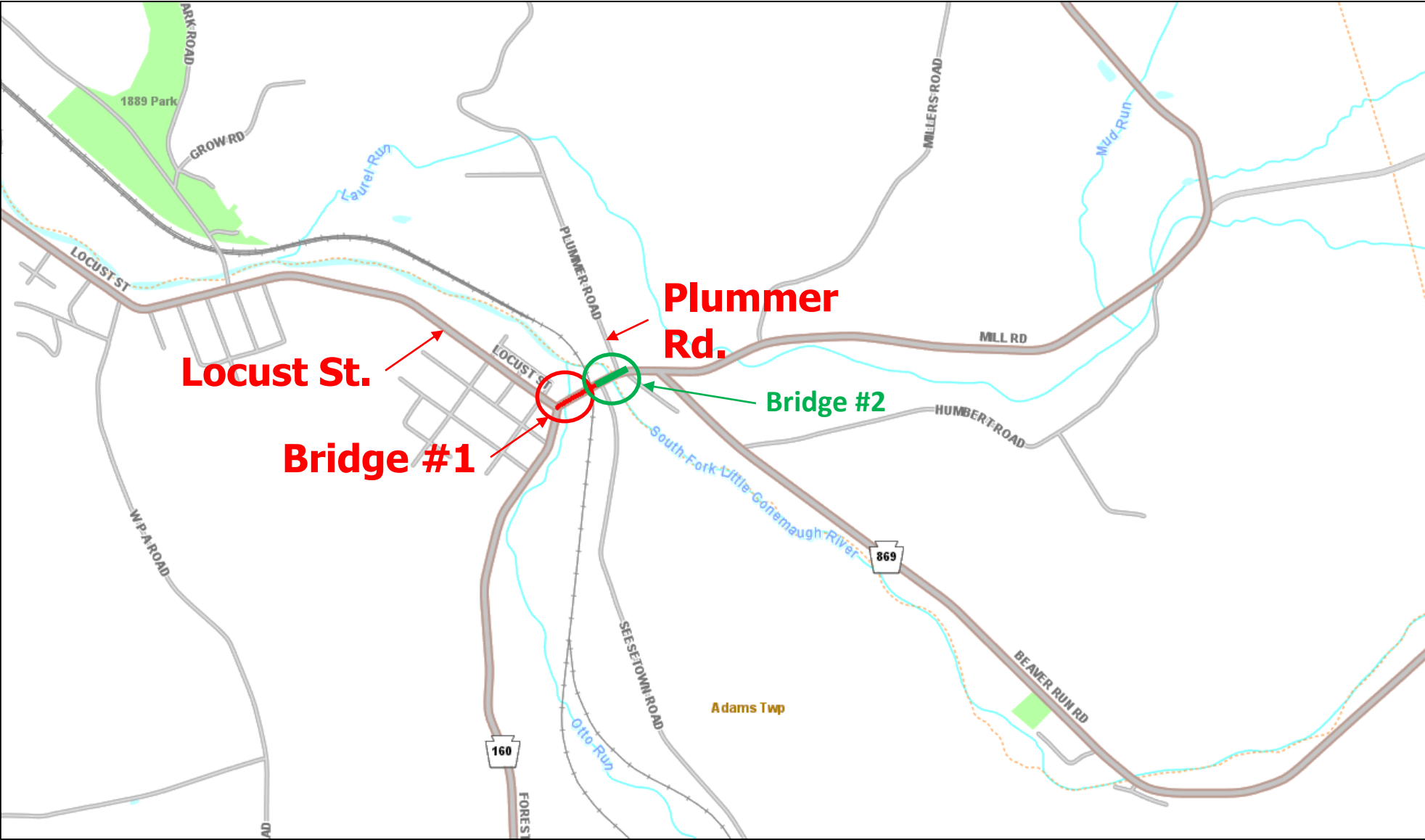


# SIDMAN ROUTE 160 SUPERSTRUCTURE REPLACEMENT 2



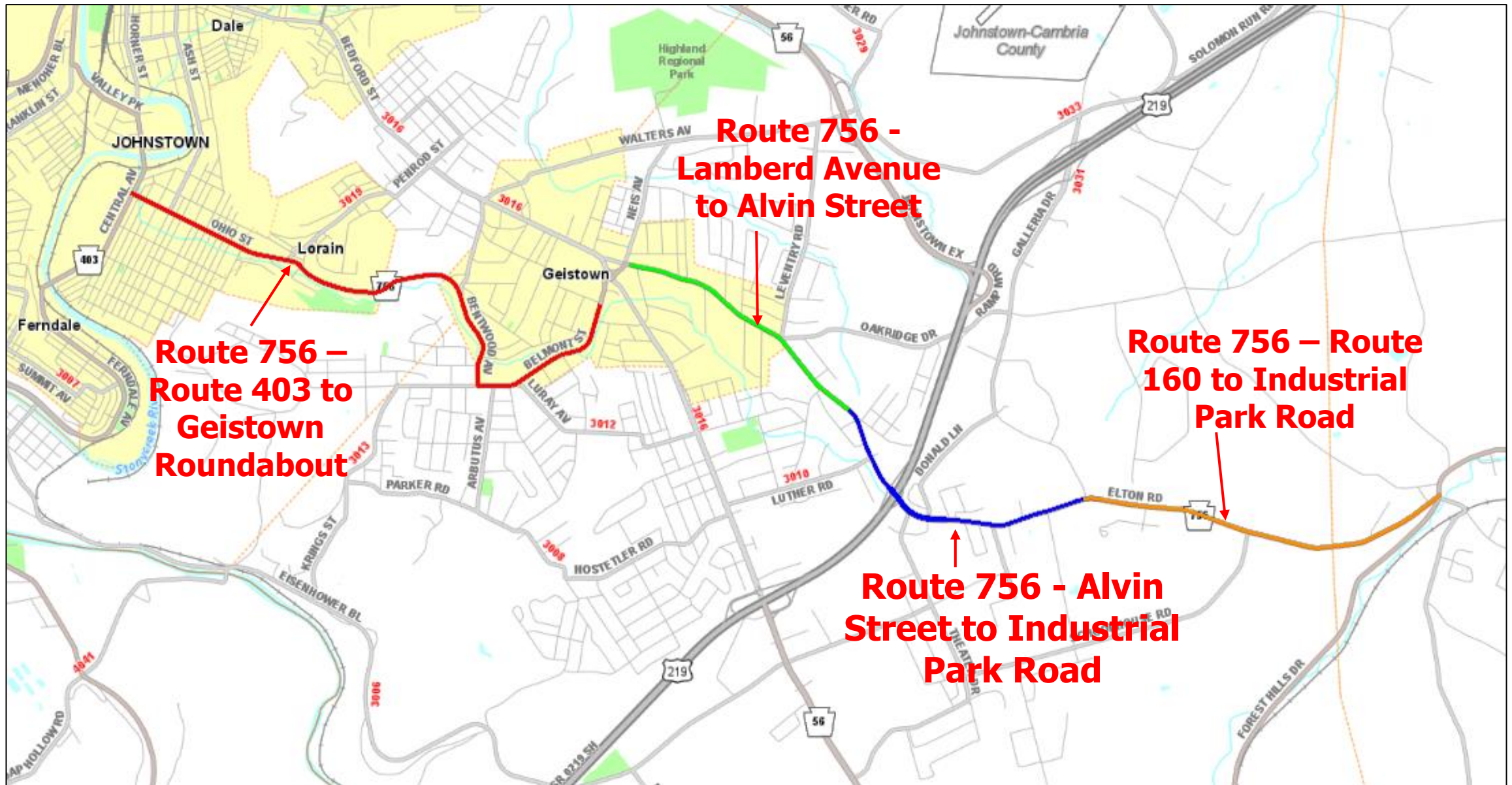
- **Project Type:** Bridge Rehabilitation
- **Location:** Route 160 over the South Fork Branch Little Conemaugh River in Adams and Croyle Townships
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2025

# SIDMAN ROUTE 160 SUPERSTRUCTURE REPLACEMENTS





# ROUTE 756 PROJECTS



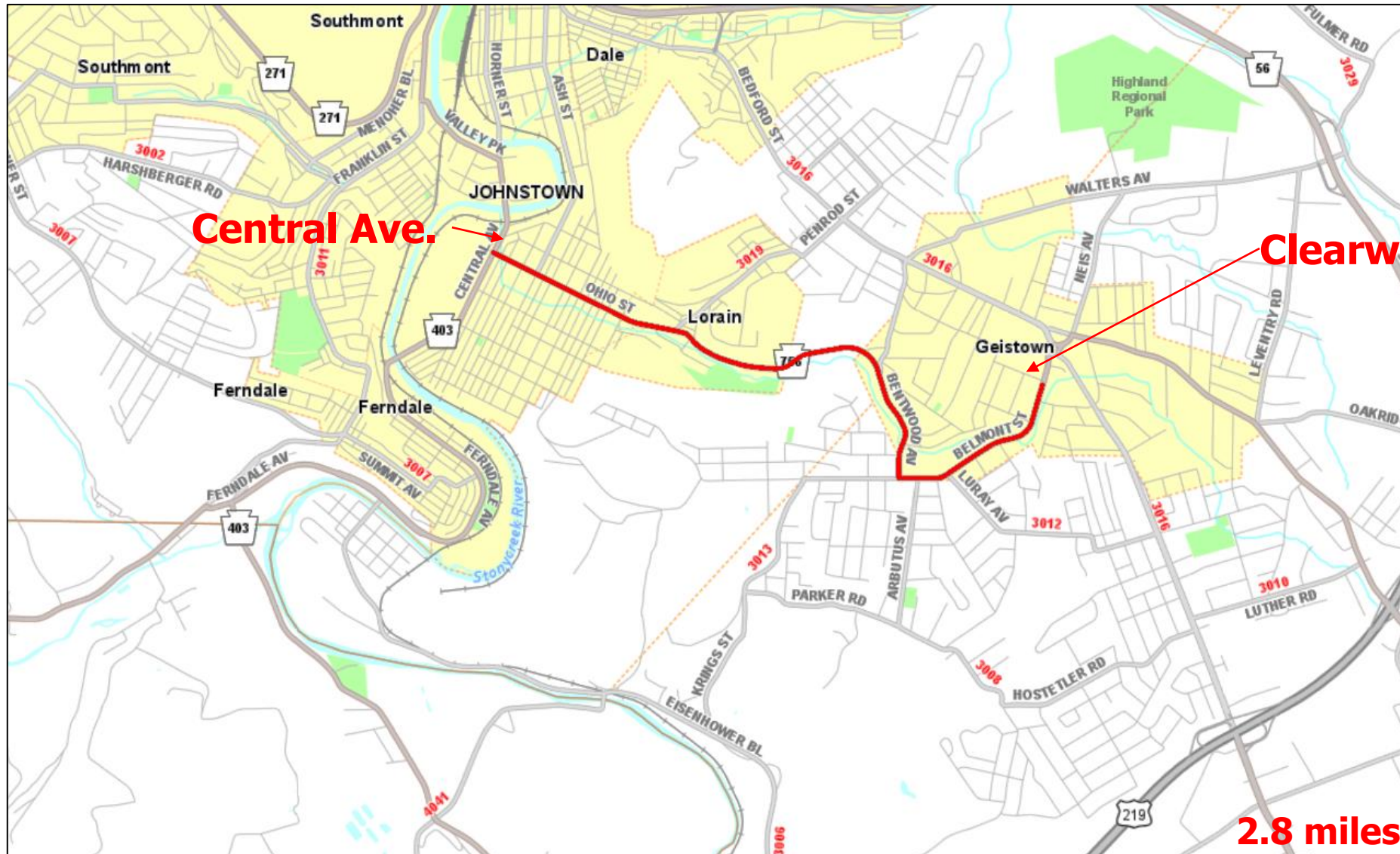
# ROUTE 756 - ROUTE 403 TO BEDFORD ST



- **Project Type:** Resurfacing
- **Location:** On Route 756 from Route 403 to Route 3016 (Bedford Street) in Geistown and Lorain Boroughs, Stonycreek Township, and City of Johnstown
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 1<sup>st</sup> Quarter 2026



# ROUTE 756 - ROUTE 403 TO BEDFORD STREET



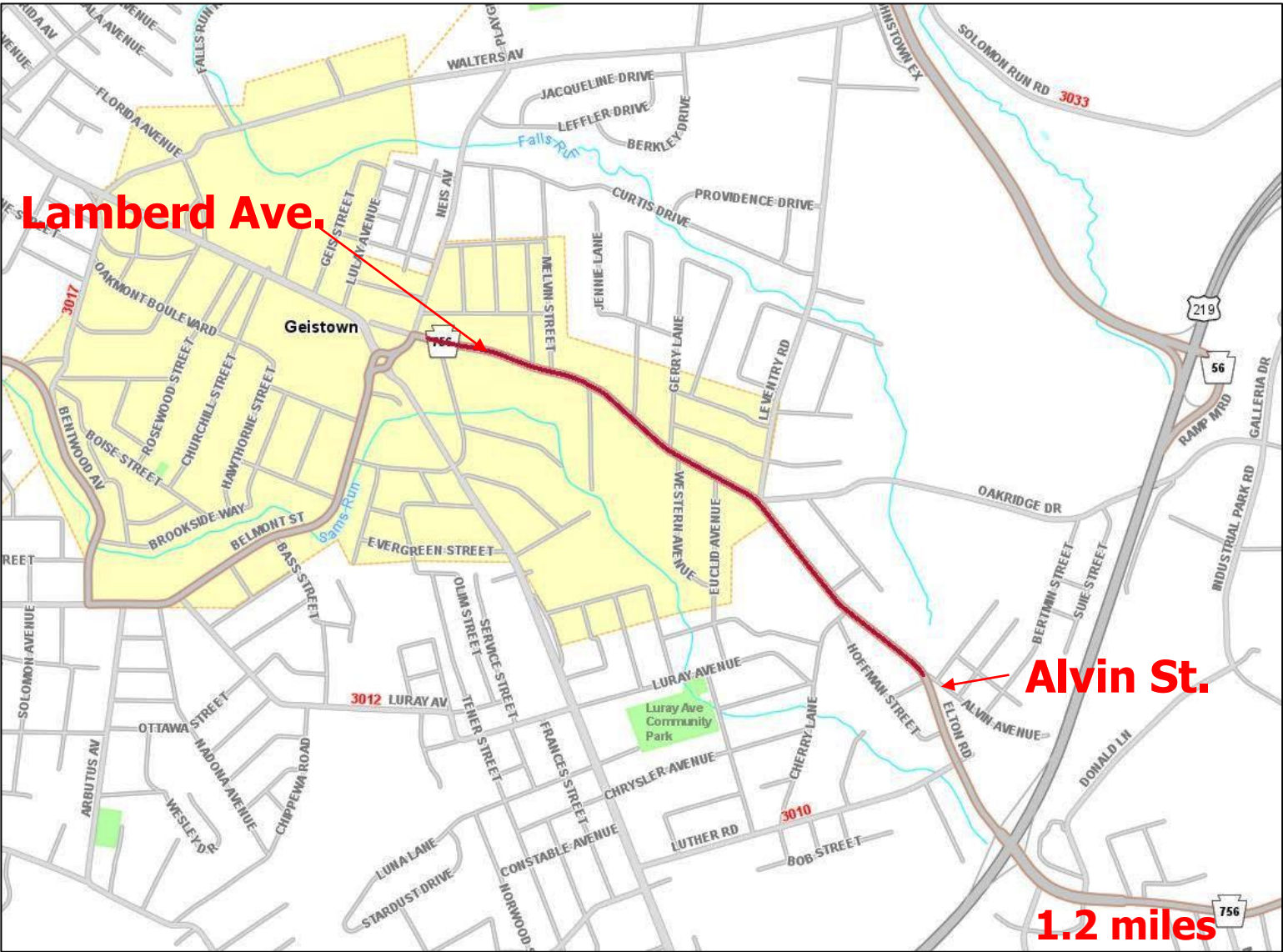
# ROUTE 756 - LAMBERD AVENUE TO ALVIN STREET



- **Project Type:** Resurfacing, traffic signal replacement, drainage upgrades, signing and pavement marking upgrades
- **Location:** Route 756 (Bedford Street) from Lamberd Avenue to Alvin Street in Geistown Borough and Richland Township
- **Construction Estimate:** \$1.0 – \$5.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2025



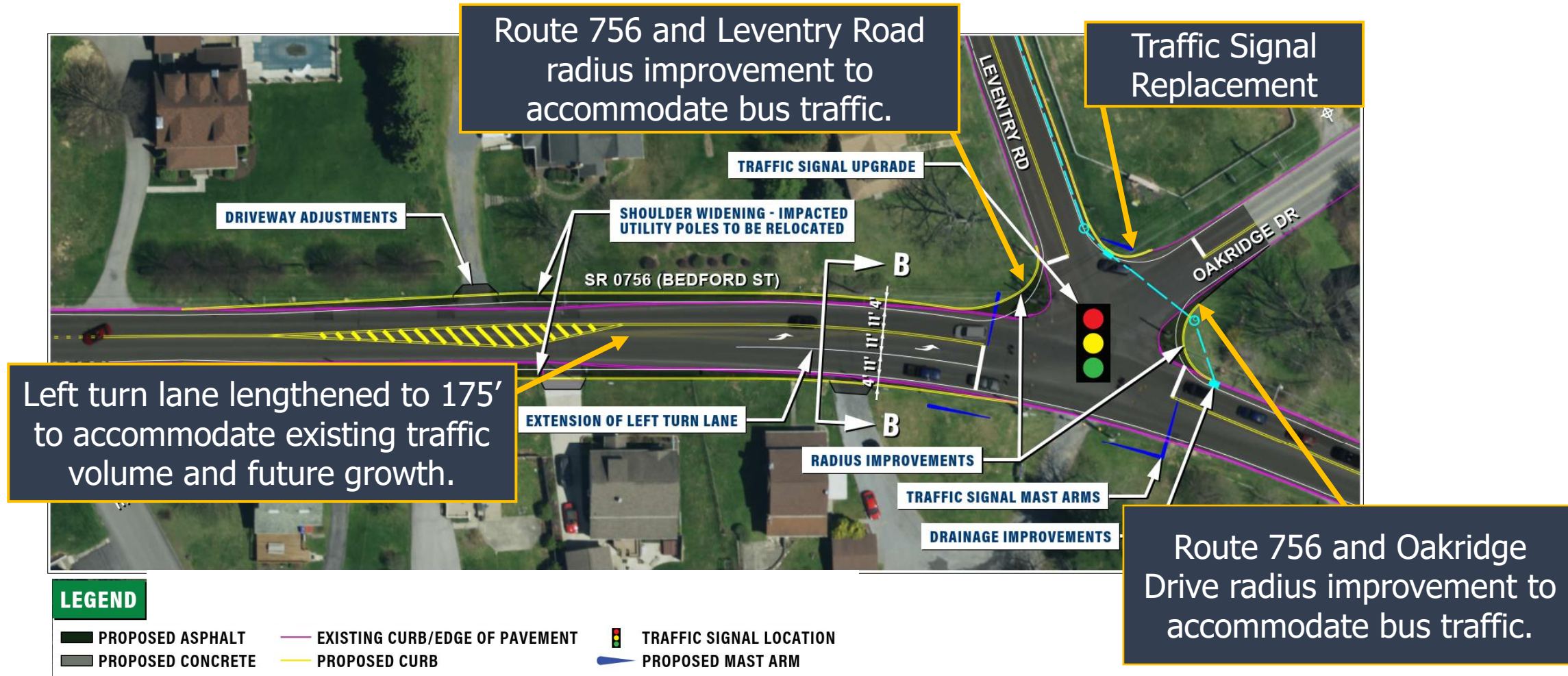
# ROUTE 756 - LAMBERD AVENUE TO ALVIN STREET



1.2 miles

# Proposed Improvements

## Route 756 Bedford St. and Oakridge Drive Intersection



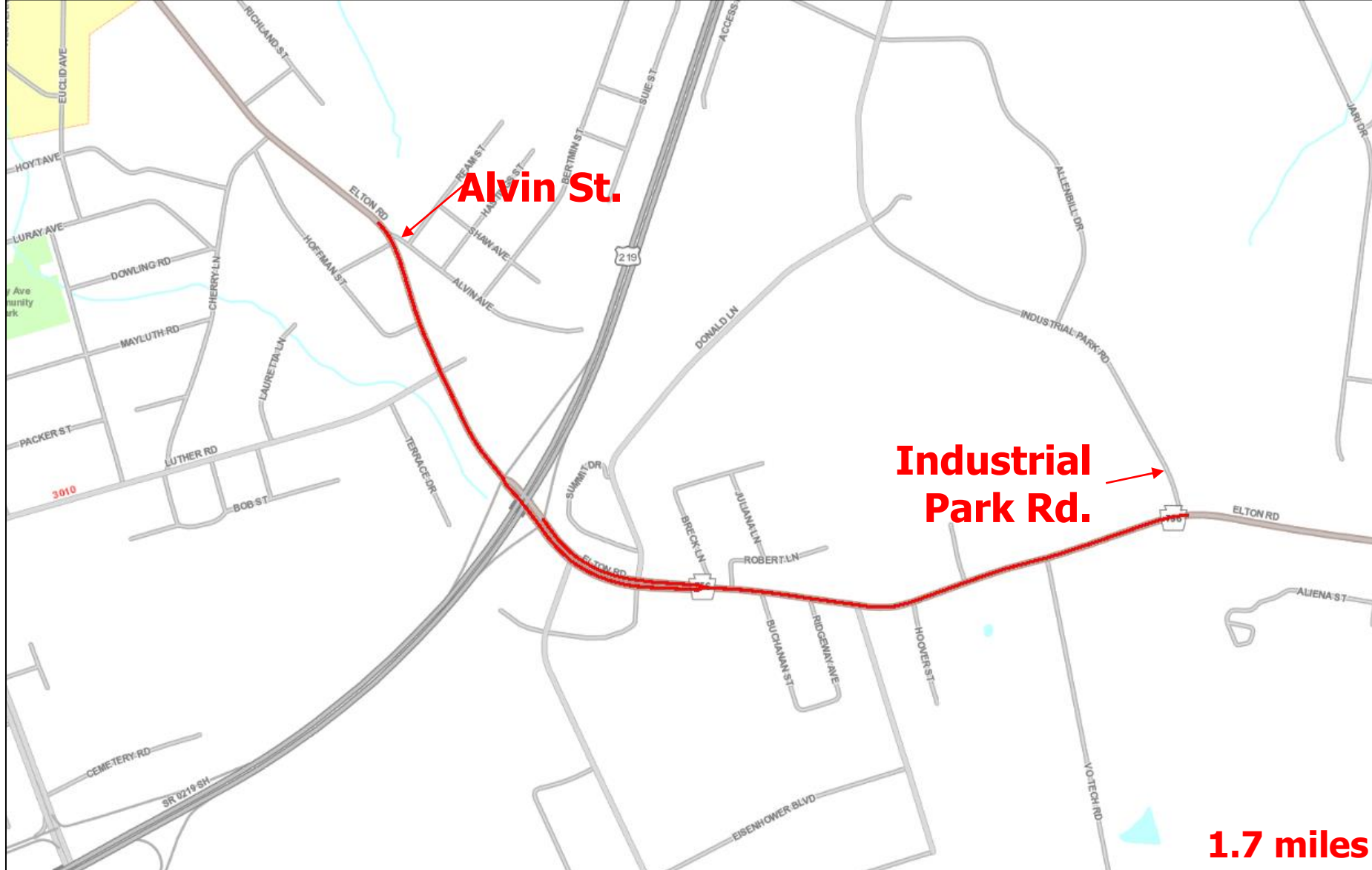


# ROUTE 756 - ALVIN STREET TO INDUSTRIAL PARK ROAD



- **Project Type:** Safety improvements including pavement widening and signing, pavement marking upgrades, and signal improvements
- **Location:** Route 756 (Elton Road) from T-464 (Alvin Street) to T-737 (Industrial Park Road) in Richland Township
- **Construction Estimate:** \$5.0 – \$10.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2025

# ROUTE 756 - ALVIN STREET TO INDUSTRIAL PARK ROAD



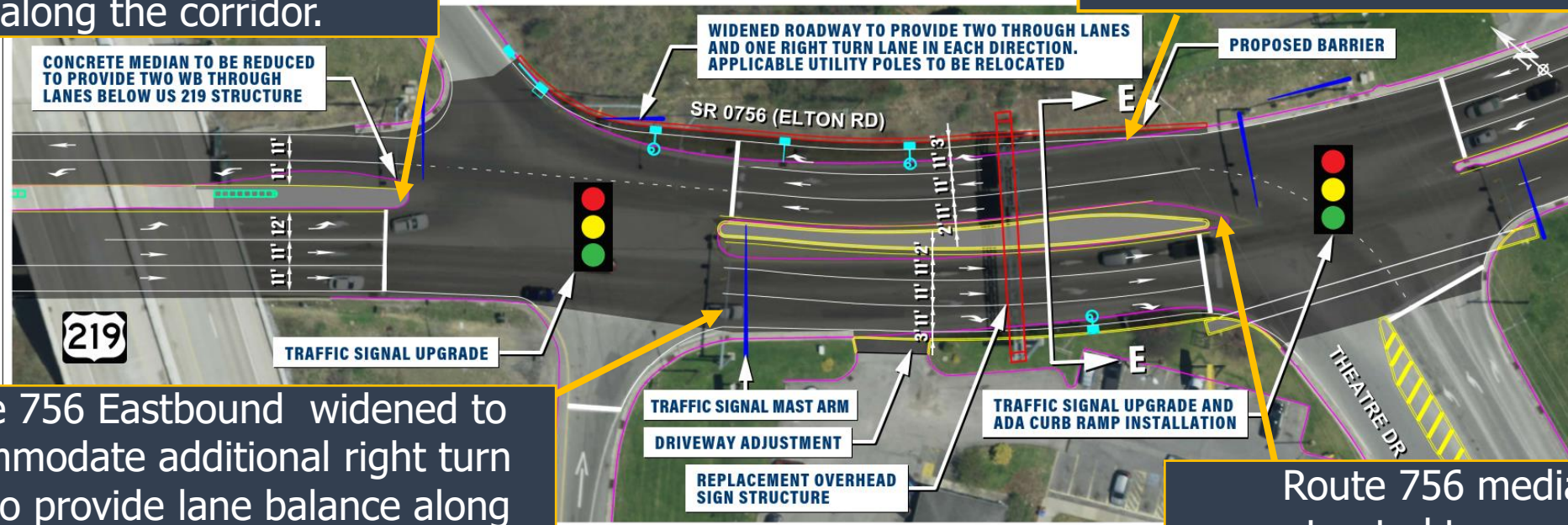


# Proposed Improvements

## Route 756 and Theatre Drive Intersection

Route 756 westbound median is reconstructed to provide two lanes below U.S. 219 to provide lane balance along the corridor.

Route 756 westbound widened to accommodate additional right turn lane to provide lane balance along the corridor.



Route 756 Eastbound widened to accommodate additional right turn lane to provide lane balance along the corridor.

Route 756 median is reconstructed to accommodate truck traffic.

### LEGEND

PROPOSED ASPHALT  
PROPOSED CONCRETE

EXISTING CURB/EDGE OF PAVEMENT  
PROPOSED CURB

TRAFFIC SIGNAL LOCATION  
PROPOSED MAST ARM



# Proposed Improvements

## Route 756 and Theatre Drive Intersection

Route 756 westbound provide dual Through lanes at Theatre Drive intersection to provide proper lane assignment



Route 756 Eastbound provides a Through/Right Turn lane at Donald Lane intersection

Concrete island is reconstructed to delineate the lane drop at the intersection.

### LEGEND

PROPOSED ASPHALT  
PROPOSED CONCRETE

EXISTING CURB/EDGE OF PAVEMENT  
PROPOSED CURB

TRAFFIC SIGNAL LOCATION  
PROPOSED MAST ARM



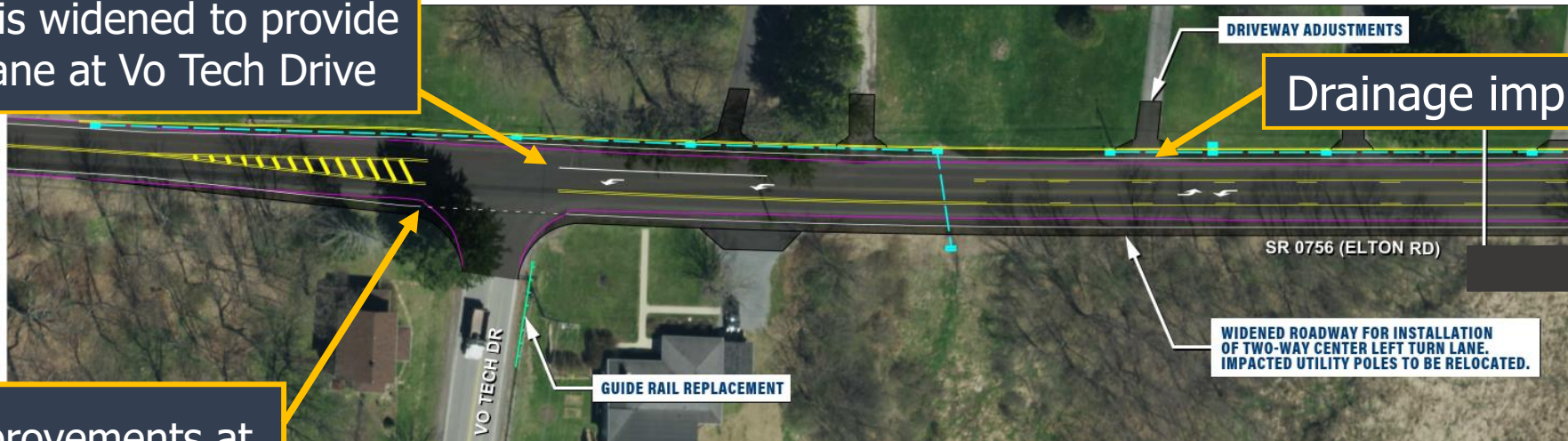


# Proposed Improvements

## Route 756: Vo Tech Dr. to Industrial Park Road Intersection

Route 756 is widened to provide left turn lane at Vo Tech Drive

Drainage improvements



Intersection improvements at Vo Tech Drive

### LEGEND

- |                     |                                  |
|---------------------|----------------------------------|
| ■ PROPOSED ASPHALT  | — EXISTING CURB/EDGE OF PAVEMENT |
| ■ PROPOSED CONCRETE | — PROPOSED CURB                  |



# Proposed Improvements

## Route 756: Vo Tech Dr. to Industrial Park Road Intersection Cont.



### LEGEND

- PROPOSED ASPHALT
- PROPOSED CONCRETE
- EXISTING CURB/EDGE OF PAVEMENT
- PROPOSED CURB



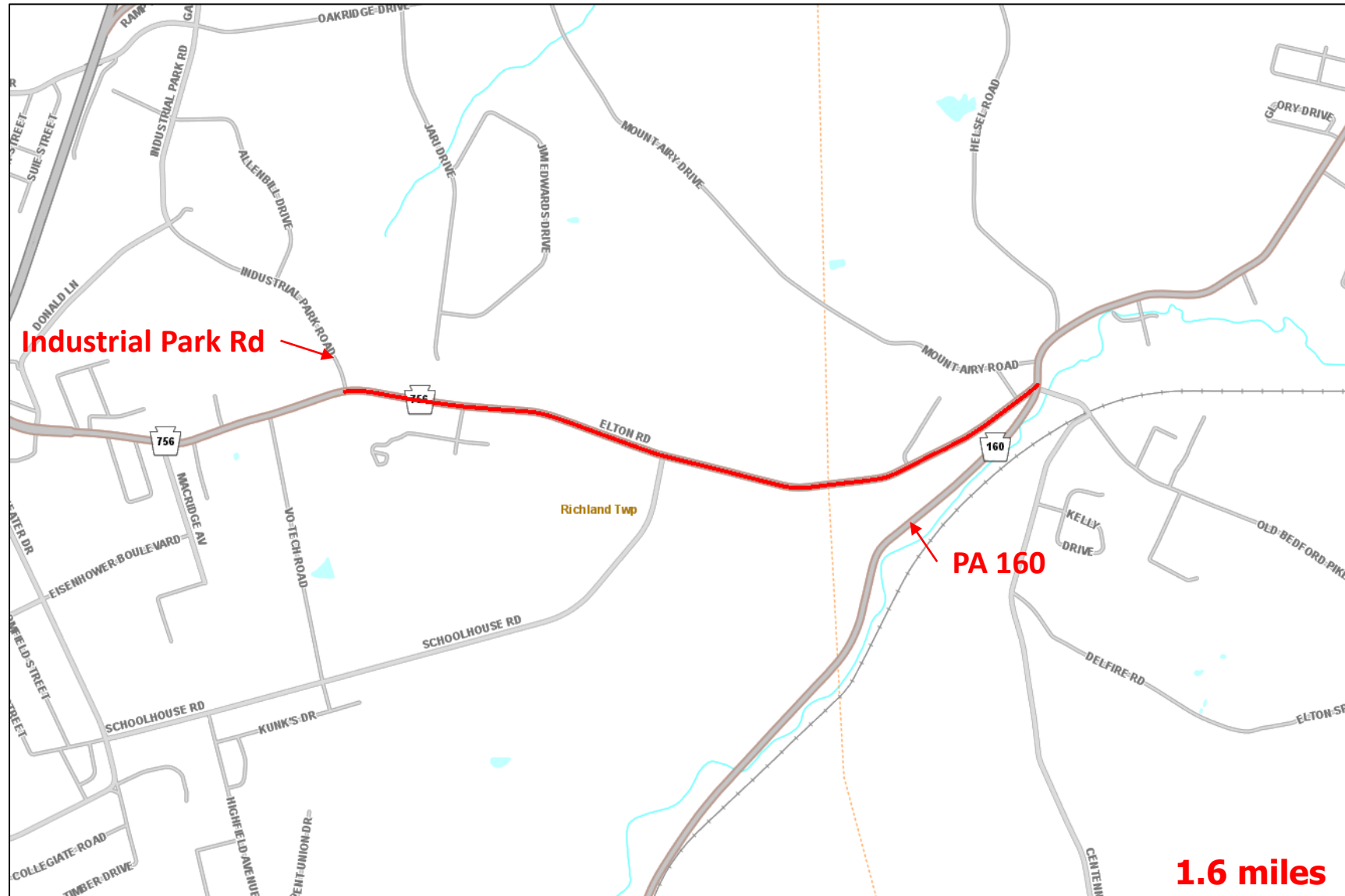


# ROUTE 756 – ROUTE 160 TO INDUSTRIAL PARK ROAD



- **Project Type:** Resurfacing
- **Location:** Route 756 from Route 160 to Industrial Park Road in Adams and Richland Townships
- **Construction Estimate:** \$1.0 – \$5.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2027

# PA 756 – PA 160 TO INDUSTRIAL PARK ROAD



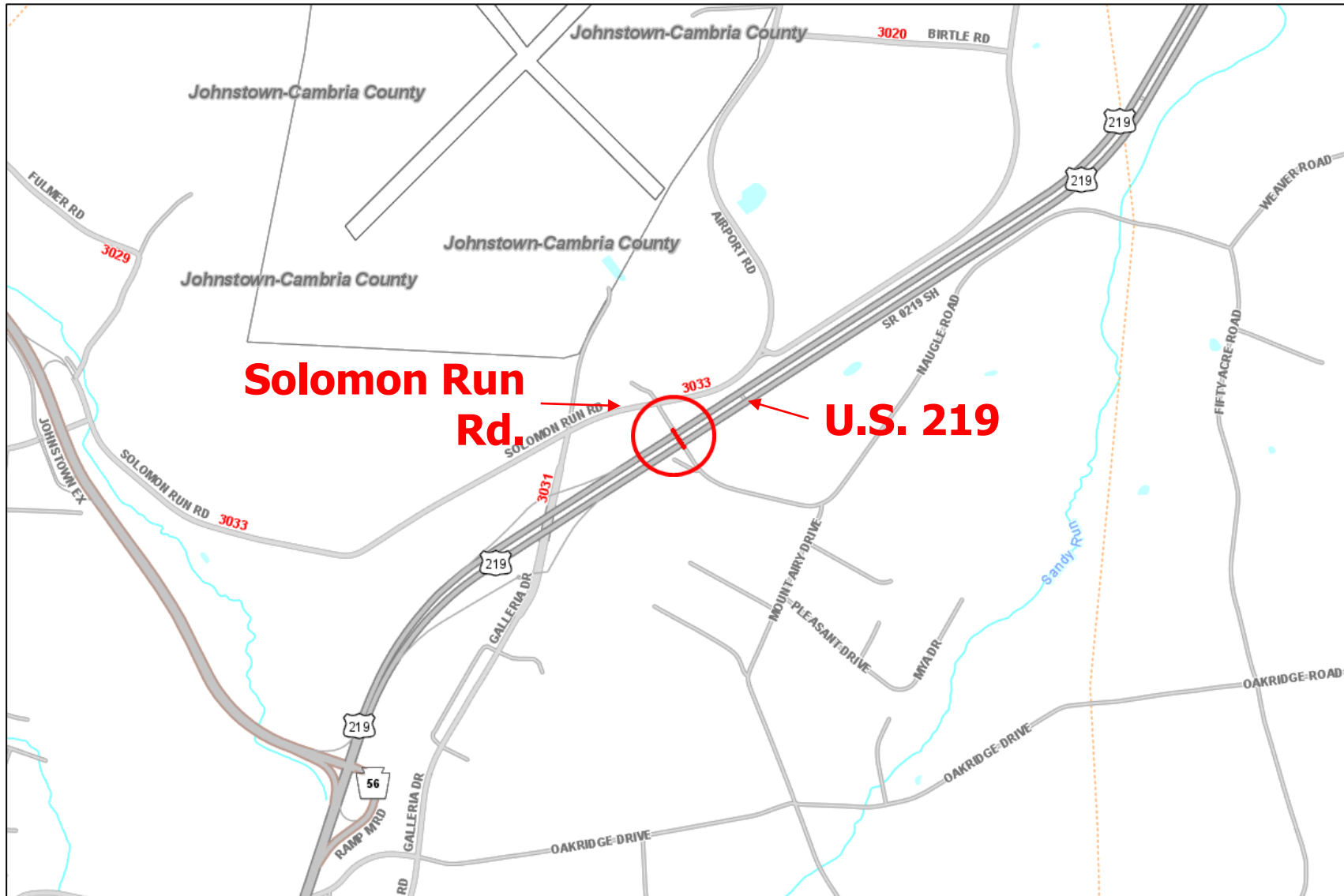
# MOUNT AIRY DRIVE OVER US 219



- **Project Type:** Bridge Rehabilitation
- **Location:** State Route 3104 (Mount Airy Drive) over US 219 in Richland Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 4<sup>th</sup> Quarter 2025



# MOUNT AIRY DRIVE OVER U.S. 219





# ROUTE 160 OVER TRIBUTARY OF LITTLE CONEMAUGH RIVER



- **Project Type:** Bridge Replacement
- **Location:** On Route 160 (Springside Avenue) over Tributary of Little Conemaugh River near the intersection of T-500 (Wilmore Heights Road) in Summerhill Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 1<sup>st</sup> Quarter 2026

# ROUTE 160 OVER TRIBUTARY OF LITTLE CONEMAUGH RIVER



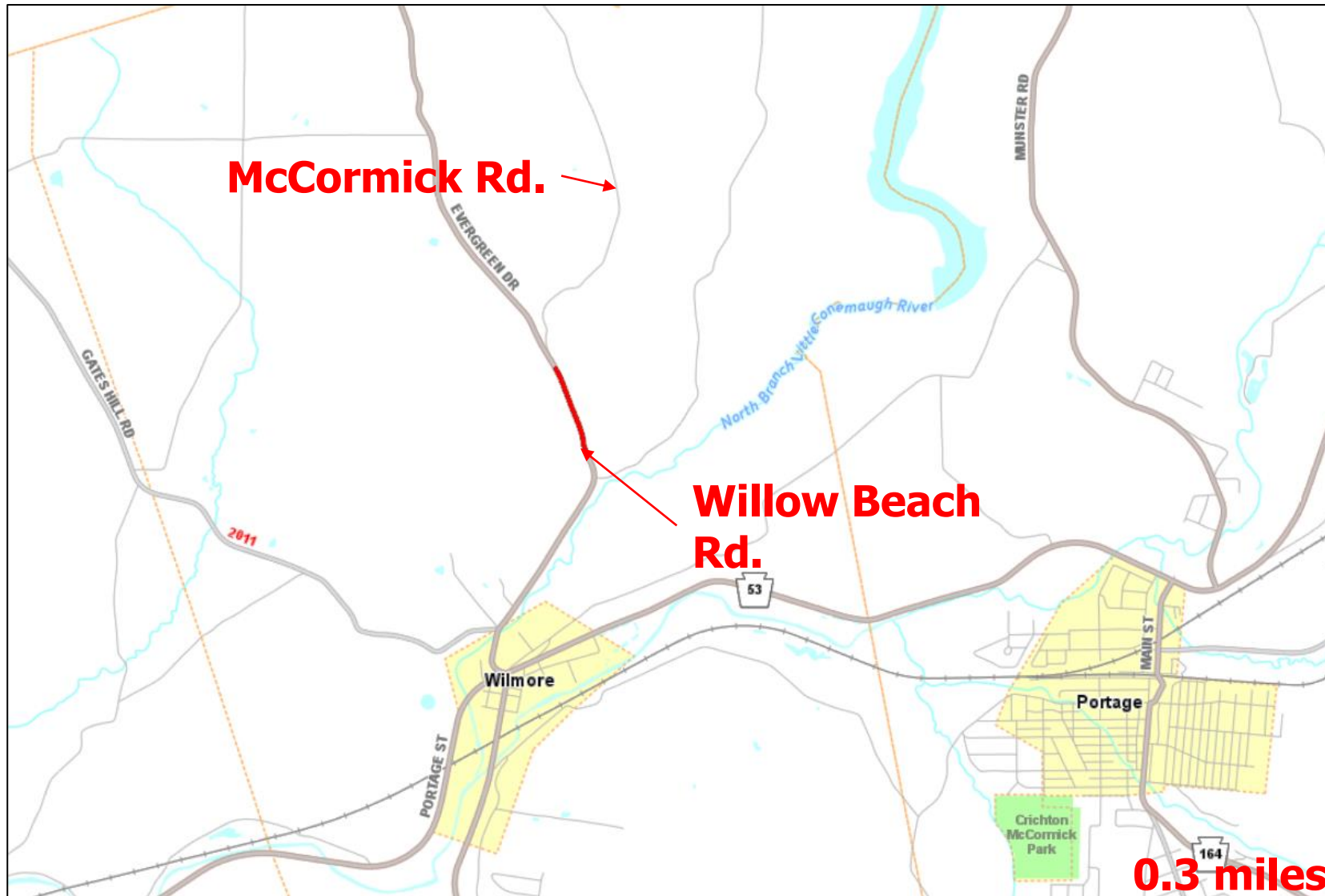
# ROUTE 160 SLIDE NORTH OF WILMORE



- **Project Type:** Slide Correction
- **Location:** On Route 160 between T-416 (Willow Beach Road) and T-420 (McCormick Road), Summerhill Township
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 2<sup>nd</sup> Quarter 2026



# ROUTE 160 SLIDE NORTH OF WILMORE



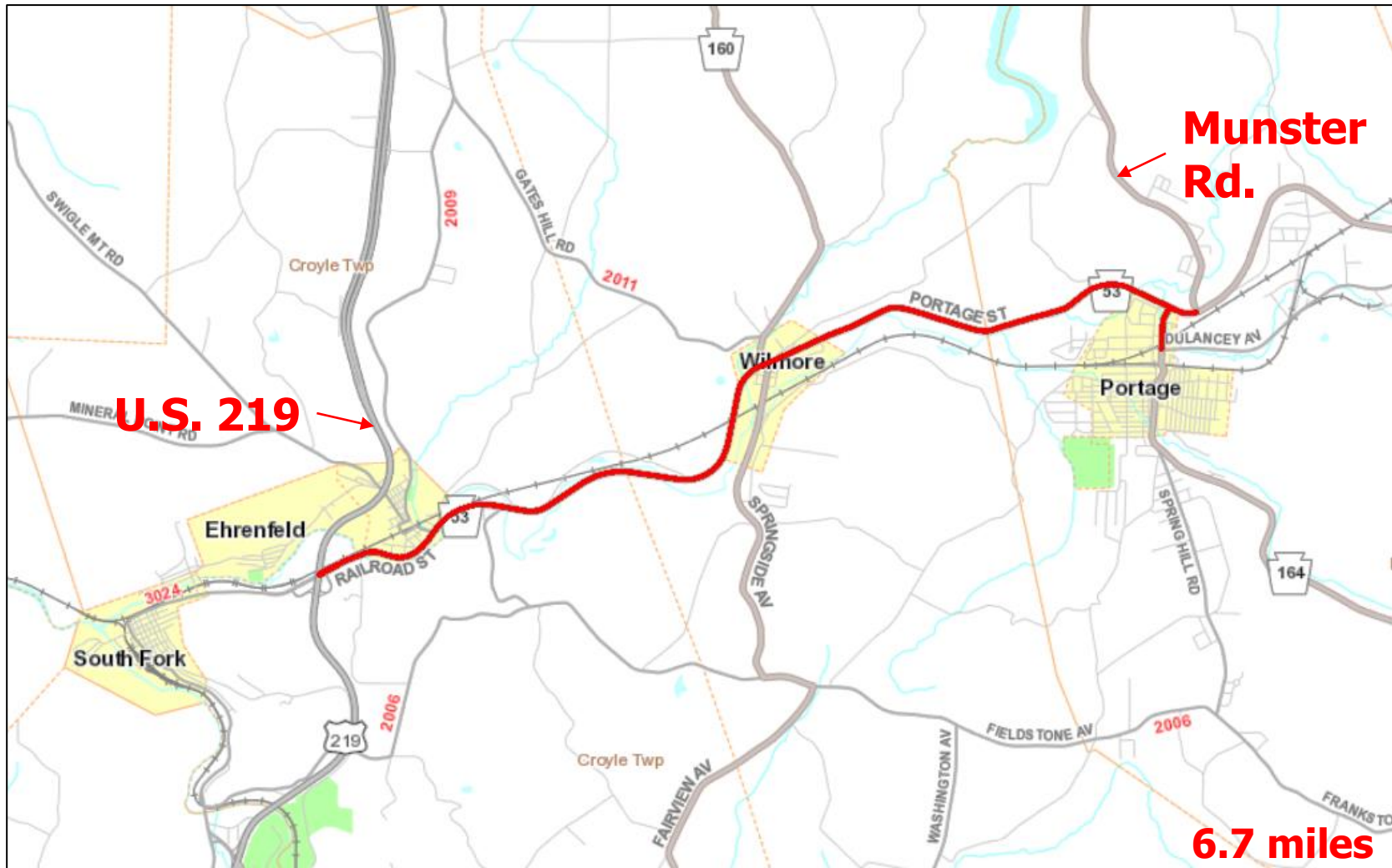


# ROUTE 53 – RAILROAD STREET TO ROUTE 164



- **Project Type:** Resurfacing
- **Location:** On Route 53 from Route 3024 (Railroad Street) to Route 164 and on Route 164 from Route 53 to Route 2012 (Dulancey Avenue) in Croyle, Portage, and Summerhill Townships and Portage, Summerhill, and Wilmore Boroughs
- **Construction Estimate:** \$1.0 - \$5.0 Million
- **Anticipated Bid Opening:** 2<sup>nd</sup> Quarter 2026

# ROUTE 53 – RAILROAD STREET TO ROUTE 164



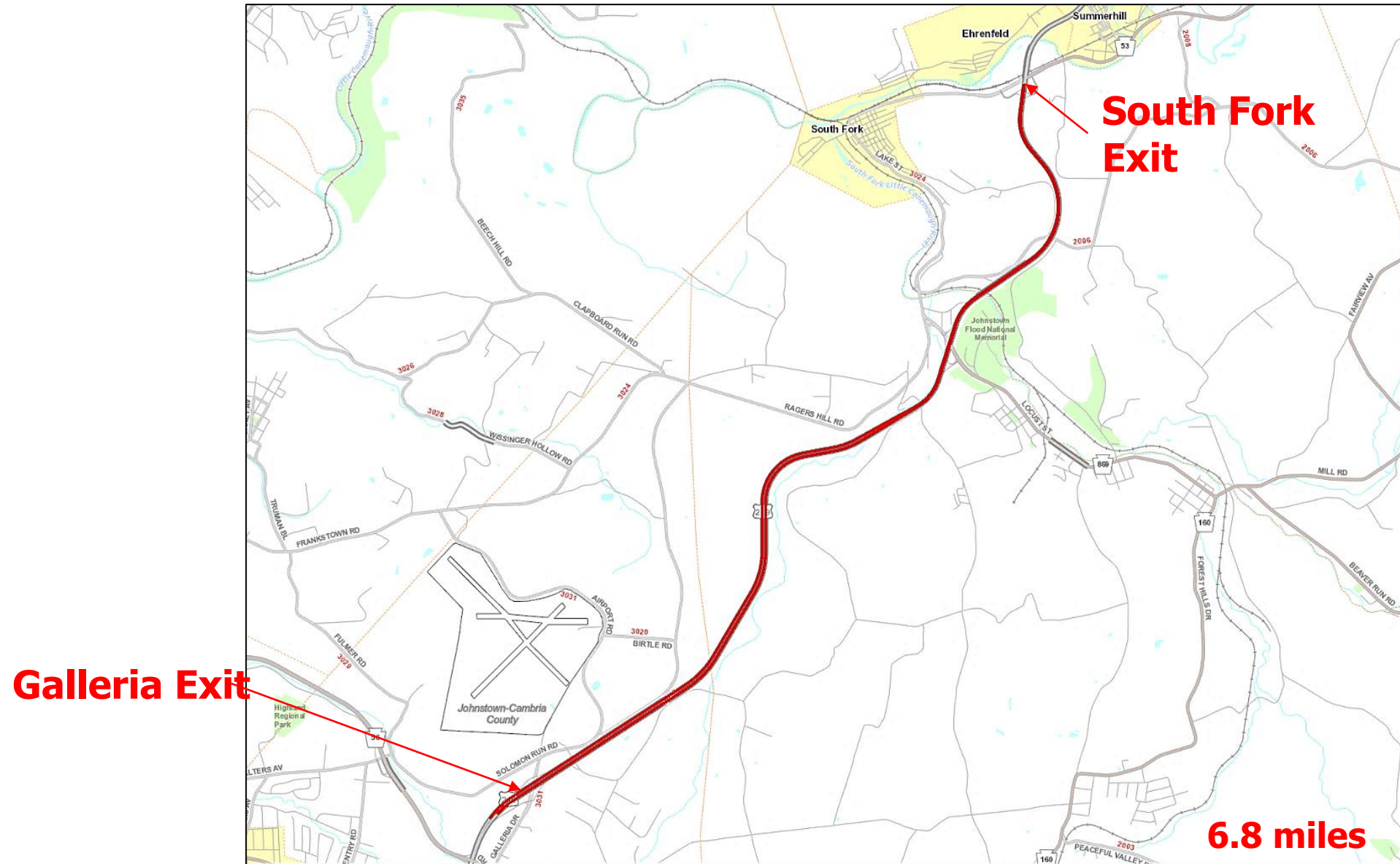


# U.S. 219 – ROUTE 56 TO ROUTE 53



- **Project Type:** Resurfacing
- **Location:** U.S. 219 from Route 56 (Johnstown Expressway) to Route 53 (Railroad Street) in Richland, Adams, and Croyle Townships
- **Construction Estimate:** Greater than \$10.0 Million
- **Anticipated Bid Opening:** 1<sup>st</sup> Quarter 2027

# U.S. 219 – ROUTE 56 TO ROUTE 53





# Questions?



# **ROGUE'S WINDMILL PROJECT**

## **PATTON, PA**



Pennsylvania  
Department of Transportation

# ROGUE'S WINDMILL PROJECT



## Project Site

CPV Rogue's Wind is a proposed wind energy facility of approximately 114 MW in Cambria and Clearfield Counties, Pennsylvania, that will repurpose a former coal mine into a new source of renewable energy for the Commonwealth's electricity consumers.



## Project Details

Type of Facility	Technology	Planned Timeline	Project Site	Electrical Interconnection
<ul style="list-style-type: none"><li>• 114 MW</li><li>• 19 Wind Turbines</li></ul>	<ul style="list-style-type: none"><li>• Utilizing latest 6 MW class turbines allowing for increased energy production from fewer wind turbines</li></ul>	<ul style="list-style-type: none"><li>• Construction expected to start in 2024 and complete in 2026, bringing a period of significant investment in the local community</li></ul>	<ul style="list-style-type: none"><li>• Rock Run Recreation Area and nearby private lands</li><li>• Re-purposing formal coal mining facility</li></ul>	<ul style="list-style-type: none"><li>• Utilizing existing Penelec 115 kilovolt transmission line located on-site</li></ul>

## Community Benefits

Wind farm developments like Rogue's Wind represent significant investment in community infrastructure and with it, a host of community benefits.

### Employment and Economic Opportunities

- Hundreds of jobs will be created during the permitting and construction phase of the project
- Millions of dollars are being injected into the local economy, significantly increasing local retail, service and construction business
- Area landowners are realizing new income streams for their land
- Project will generate more than \$150k per year in new revenue for local municipalities



## Environmental Benefits

- Repurposes a depleted former coal mine
- Will deliver enough electricity to the grid to support about 29,000 average Pennsylvania households
- Expands renewable resources, sustains local environmental quality and helps combat global climate change
- Reduction in CO<sub>2</sub> emissions per year, the equivalent of taking 52,000 average cars off the road



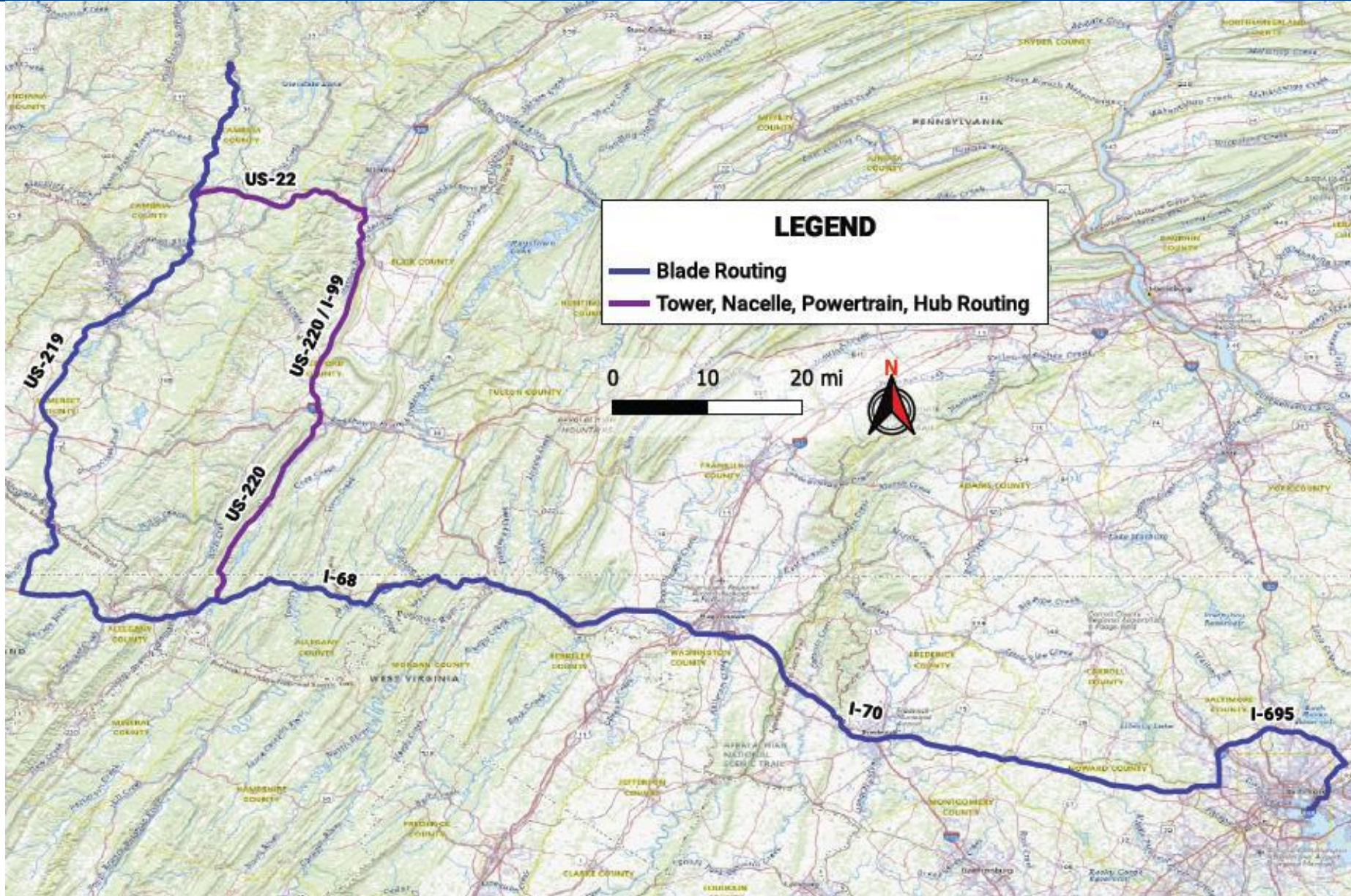


# ROGUE'S WINDMILL PROJECT – SUPERLOAD HAULING

- **Hauling Origin/Destination:** Port of Baltimore to Patton, PA
- **Primary Hauler:** Logisticus
- **Components:** Blades, Towers, Power Trains, Hubs, and Nacelles
- **Oversized Loads:** 231 total
  - ✓ Blades: 60
  - ✓ Towers: 114
  - ✓ Power Trains, Hubs, and Nacelles: 19 each
- **Current Schedule: Late May through August 2025**

Proposed Schedule:		Memorial Day	July 4th									RR Summer Bash	Labor Day		
		FW22	FW23	FW24	FW25	FW26	FW27	FW28	FW29	FW30	FW31	FW32	FW33	FW34	FW35
		5/26/25	6/2/25	6/9/25	6/16/25	6/23/25	6/30/25	7/7/25	7/14/25	7/21/25	7/28/25	8/4/25	8/11/25	8/18/25	8/25/25
Site Delivery	Nacelles	1	2	2	2	2	1	2	2	2	2	1			
	Hubs	1	2	2	2	2	1	2	2	2	2	1			
	PowerTrain	1	2	2	2	2	1	1	2	2	2	2			
	Towers	6	9	9	9	9	6	6	9	9	9	5	12	16	
	Blade	0	3	6	6	6	3	6	6	6	6	3	6	3	
	Superload Weekly Total	9	18	21	21	21	12	17	21	21	21	12	18		
	Superload Daily Average	1.8	3.6	4.2	4.2	4.2	2.4	3.4	4.2	4.2	4.2	2.4	3.6	0	0
	Weekly Site Deliveries	9	18	21	21	21	12	17	21	21	21	12	18	19	0

# ROGUE'S WINDMILL PROJECT – HAULING ROUTES





# ROGUE'S WINDMILL PROJECT - SUPERLOADS

- Over the years, windmill blade sizes have increased ~ what you may have typically witnessed is likely well below blades for this project



Double 37m Blades – 150 feet in Length

2008 Wind Turbine Generator  
Average Blade Length – 150 feet

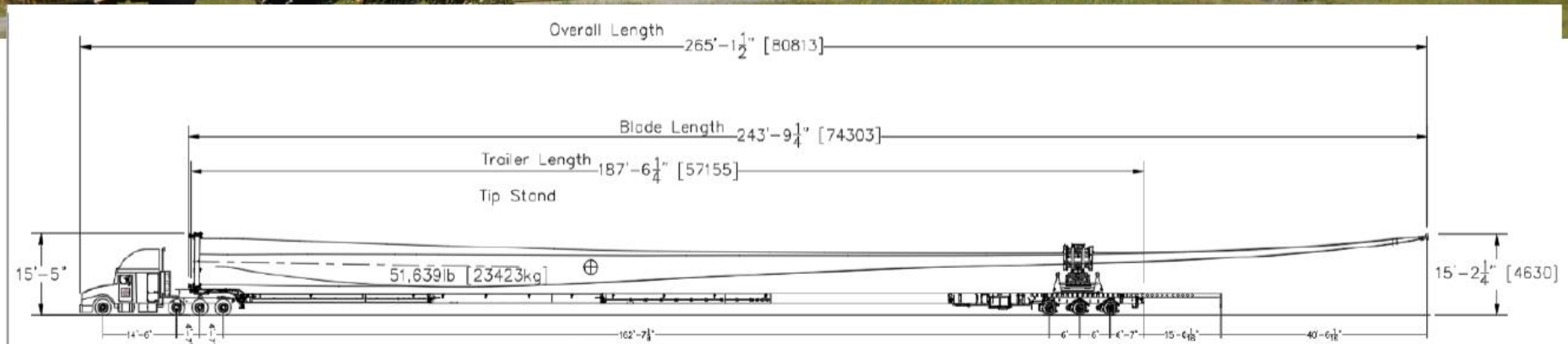


Single 45m Blade – 180 feet in Length

2015 Wind Turbine Generator  
Average Blade Length – 180 feet



# ROGUE'S WINDMILL BLADES



## Loaded Base Dimensions:

Trailer Type – Extendable Blade Trailer

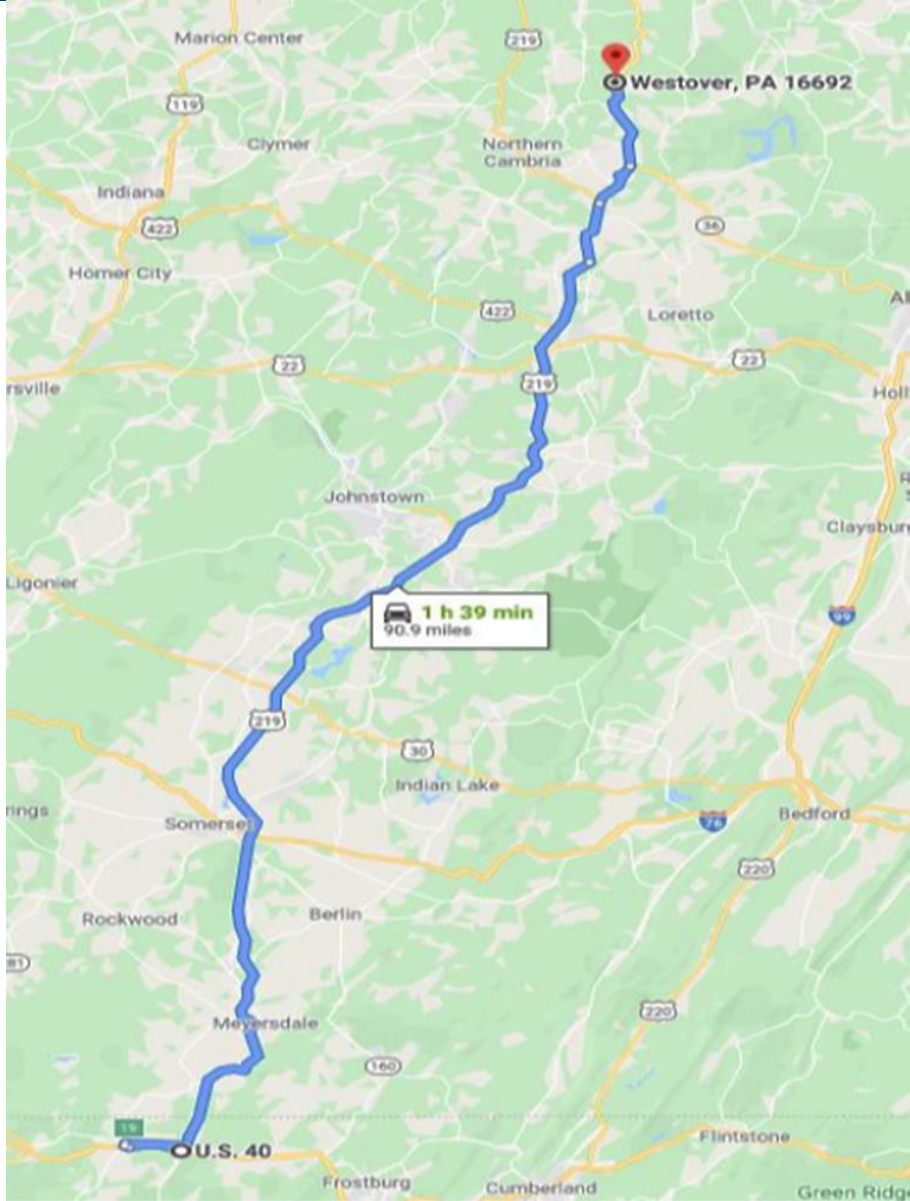
Weight – 90,000lbs

Length – 265 feet

Width – 13'6 feet

Height – 15'5 feet

# ROGUE'S WINDMILL BLADES



## Blade Route

Maryland State Line  
to  
US 219 North  
to  
Sunset Road  
to  
PA 36 North  
to  
Site Entrance

# ROGUE'S WINDMILL COMPONENTS

## Nacelle



### **Loaded Base Dimensions:**

Trailer Type – 13 Axle Trailer

Weight – 258,000lbs

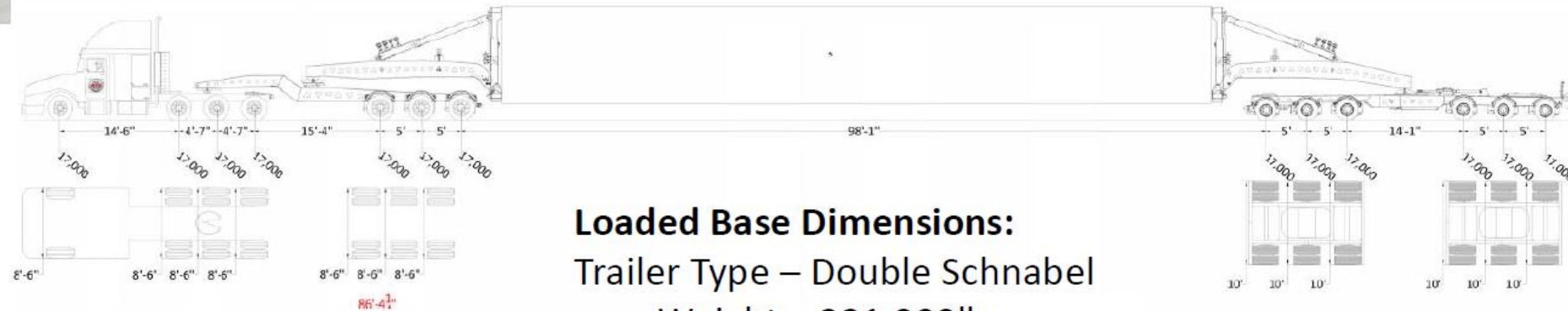
Length – 142 feet

Width – 13'1 feet

Height – 14 feet



# ROGUE'S WINDMILL COMPONENTS



## Loaded Base Dimensions:

Trailer Type – Double Schnabel

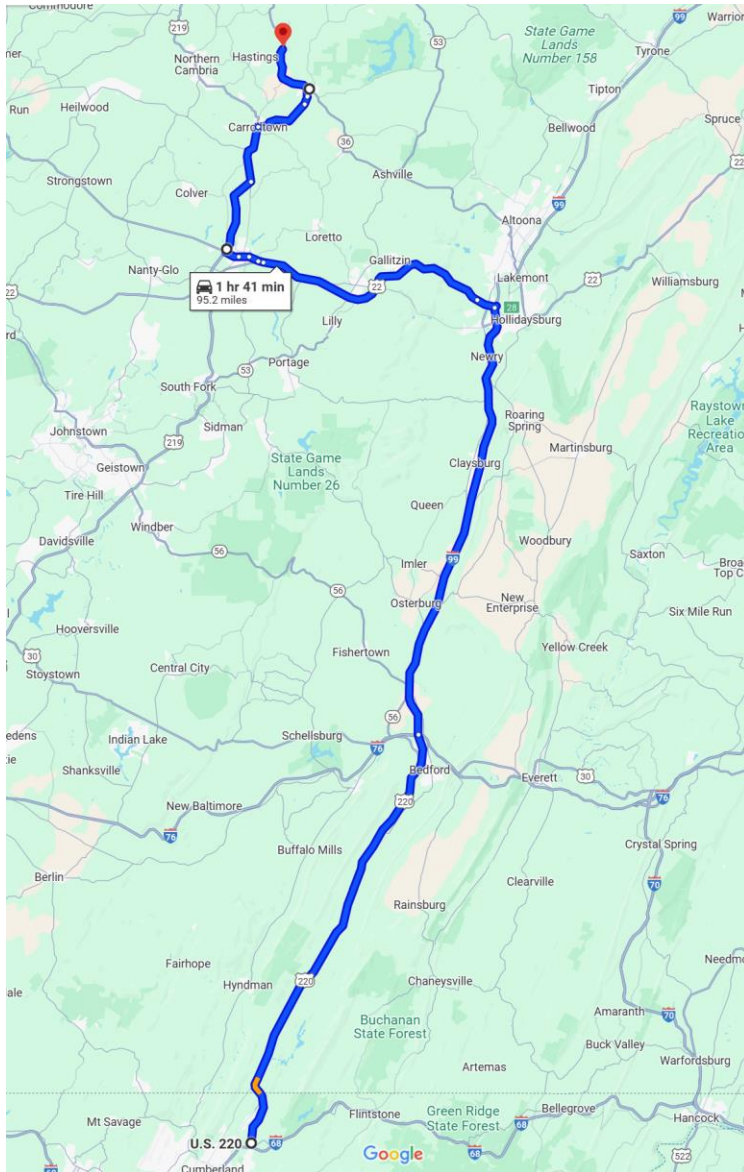
Weight – 221,000lbs

Length – 195 feet

Width – 13'1 feet

Height – 14'5feet

# ROGUE'S WINDMILL COMPONENTS



## Components Route

Maryland State Line

to

US 220 North

to

I-99 North

to

US 22 West

to

US 219 North

to

Sunset Road

to

SR 36 North

to

Private Road

**Note:**

**Alternate Routing  
Necessitated by US219  
McNally Bridge**

# ROGUE'S WINDMILL HAULING

Improvements Required as part of special hauling permits:

## **SOMERSET COUNTY**

- US 219 Temporary highway signage relocation Boynton, PA in Elk Lick Township for oversized special hauling
- US 219 north of Boynton in Elk Lick Township – widening and embankment removal to accommodate oversized special hauling
- US 219 Elk Lick and Summit Township temporary signage relocation

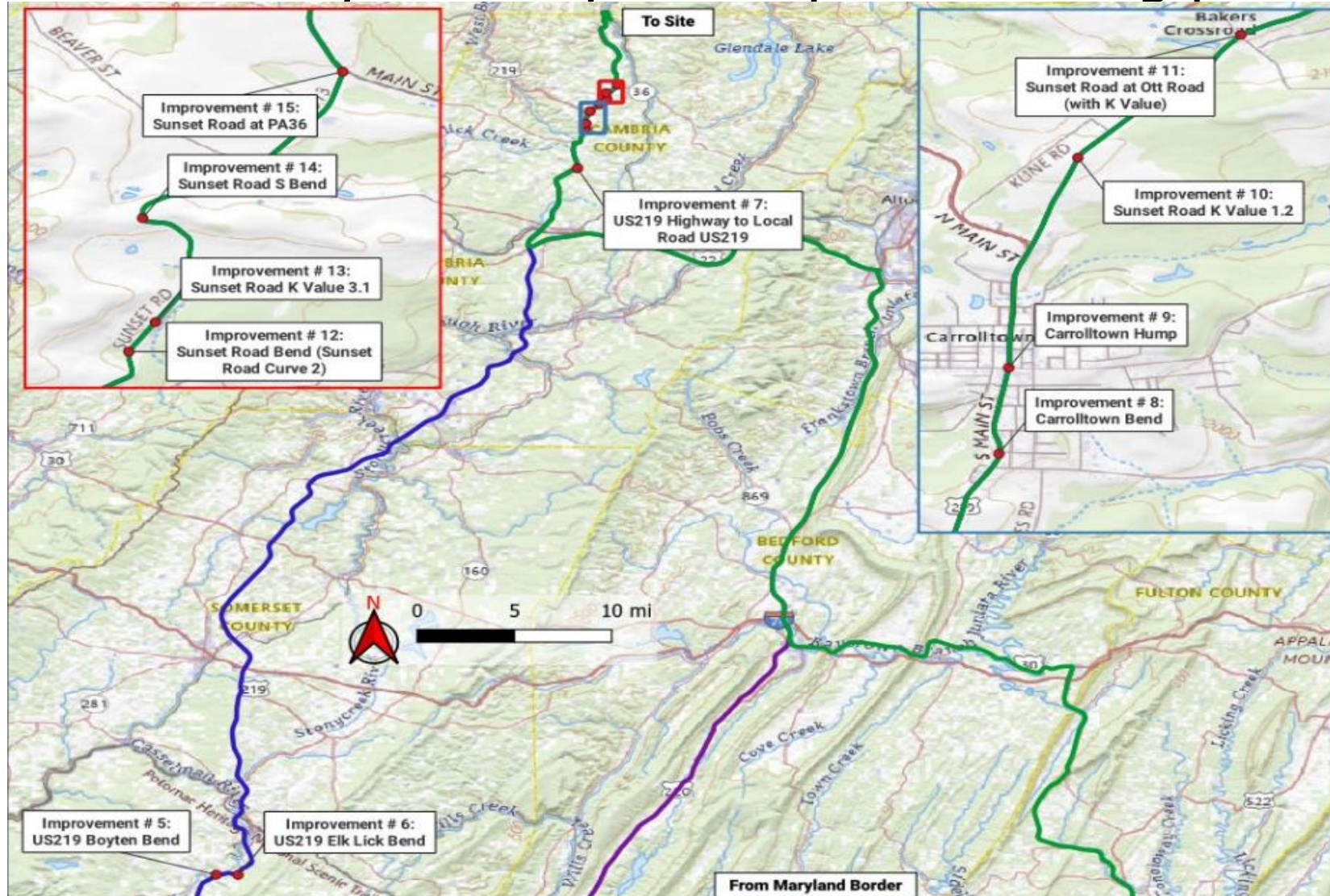
## **CAMBRIA COUNTY**

- US 22 and SR 1036 (Rowena Dr) WB off-ramp temporary widening to bypass structure over US 22 WB
- US 219 and SR 4031 intersection temporary highway lighting relocation to accommodate oversize special hauling
- US 219 (Plank Rd) temporary signage relocation south of W. Carroll / E. Carroll Street intersection for oversized special hauling
- US 219 and SR 4015 (E Carroll St) intersections improvements to accommodate hauling vehicle and load dimensions
- SR 4013 (Sunset Rd) embankment removal, temporary roadway widening, temporary sign relocation and permanent vertical crest removal to accommodate wind turbine component delivery



# ROGUE'S WINDMILL HAULING

Improvements Required as part of special hauling permits:



# ROGUE'S WINDMILL HAULING

As hauling routes for components will traverse through several on-going PennDOT projects, coordination is on-going between Logisticus, PennDOT, and impacted contractors

- US 219, Somerset County, US 30 to North Somerset
- US 219, Cambria County, Bridge Preservations
- US 220, Bedford County, Maryland Line to Narrow Lane
- I-99, Blair County, Newry Pulloff to Plan Road (Cross Keys Interchange)
- US 22 Eastbound, Blair County, Cambria County Line to PA 764 Interchange
- Route 2019 over US 22 Bridge, Cambria County (Level Road Bridge)
- Route 2101 over US 22 Bridge, Cambria County (Cooney Road Bridge)

# WINDMILL RELATED ROADWAY ISSUES





# WINDMILL RELATED ROADWAY ISSUES



# WINDMILL RELATED ROADWAY ISSUES

## St. Lawrence Road Concerns

- Mud on the Roadway from the construction entrances
  - It was unacceptable on a few rainy days
    - Through our permit process we had them place more stone at the entrances
      - Increased the size of the stone and removed the old stone
    - Pressure wash station for tires has been implemented
- Roadway damages
  - The owner has accepted responsibility and committed to repairing damages
    - Roadway damages
    - Curb/Ramp damages
    - Yard damage at S-Turns in Patton

## Sunset Road Concerns

- Permit work is being completed within our Right of Way
  - Grade Adjustments, Widening
- Additional work is being performed on private property

# QUESTIONS ?



Pennsylvania  
Department of Transportation