

PENNDOT DISTRICT 11



Beaver County Community Outreach

August 25, 2022

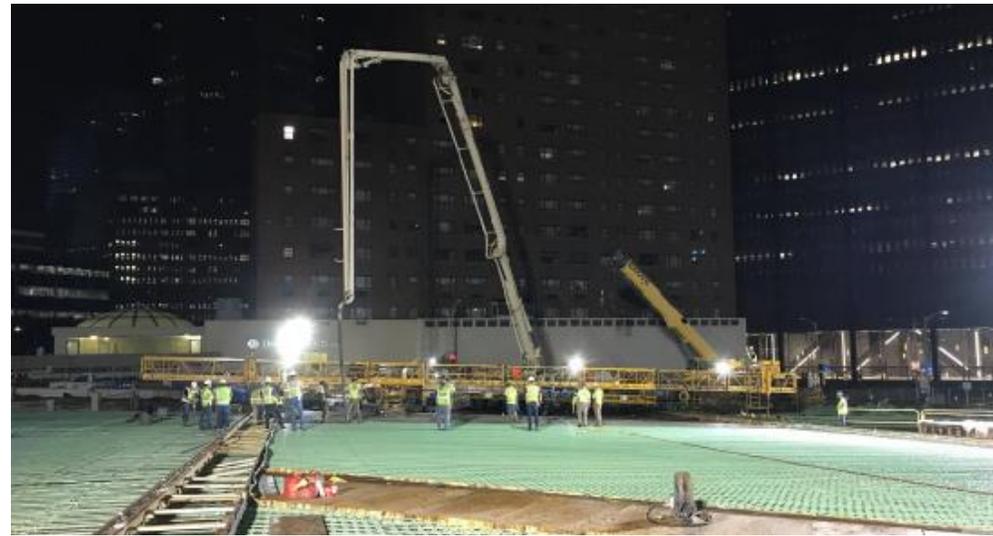


AGENDA

- Budget Update & District Overview
- Customer Service & Roadside Beautification
- 2022 County Maintenance Activities
- Traffic Engineering & Operations Unit
- 2022 Construction Projects
- 2022-2024 Projects in Design
- Liquid Fuels Distributions



DISTRICT 11-0 ENGINEERING OFFICE



Cheryl Moon-Sirianni, P.E.

District Executive

412-429-5001



WHAT WE DO

- District 11 Does it All...
 - Design/Construction/Maintenance-on all State Highways
 - Snow Removal
 - Liquid Fuels Allocation
 - Traffic Signals/Safety Studies
 - Highway Occupancy Permits
 - Landslide Repairs
 - Bridge Inspections-State and Local
 - Steward of all Federal and State funds
 - Steward of MTF, Greenlight Go, ARLE funds
 - Federal Grade Crossing funding management
 - Agility agreements
 - Pick up litter, litter and more litter...



SAFETY

- Modifying working hours-less night work
- Modify Work Zone protection-barrier vs. barrels/cones
- AWZSE
- Request additional police presence
- Continued public education



STATE BUDGET

- Budget **\$376 Million** (SFY 21-22) Estimated
 - \$212 Million State Funds
 - \$164 Million Federal Funds
- Budget Breakdown
 - \$122 Million Maintenance
 - \$28 Million Maintenance (Expanded)
 - \$130 Million Capital Highway
 - \$61 Million Capital Bridge
 - \$35 Million Local



PROGRAM UPDATES

Letting Program Update 2022 & 2023

- **2022 District Letting Program**

- Original: 61 projects, \$401 Million (Beginning of 2022)
- Final: 62 projects, \$369 Million
- Final: \$2.5 Billion letting program statewide
- PennDOT Projects = 47 estimated at \$300 Million
- Local Projects = 15 estimated at \$69 Million

- **2023 District Letting Program**

- Current: 66 projects, \$569 Million (Estimated including Inspection) – includes \$112M for Commercial Street Bridge.
- \$2.5 Billion letting program statewide?
- PennDOT Projects = 41 estimated at \$415 Million
- Local Projects = 25 estimated at \$154 Million



2023 TIP – WITH BIL (IIJA)

Allocation Table				
	2023	2024	2025	2026
BOF	17,976,000	17,976,000	17,976,000	17,976,000
BRIP	31,092,000	31,092,000	31,092,000	31,092,000
STP	17,266,000	17,637,000	18,161,000	18,695,000
STU	19,378,499	19,730,193	20,143,115	28,765,710
NHPP	54,103,000	51,086,000	48,359,000	45,683,000
CMAQ				
TAP				
State Bridge	29,095,000	28,539,000	28,536,000	28,418,000
State Hwy	18,074,000	19,652,000	20,034,000	22,117,000
Local				



2023 TIP – WITH BIL (IIJA)

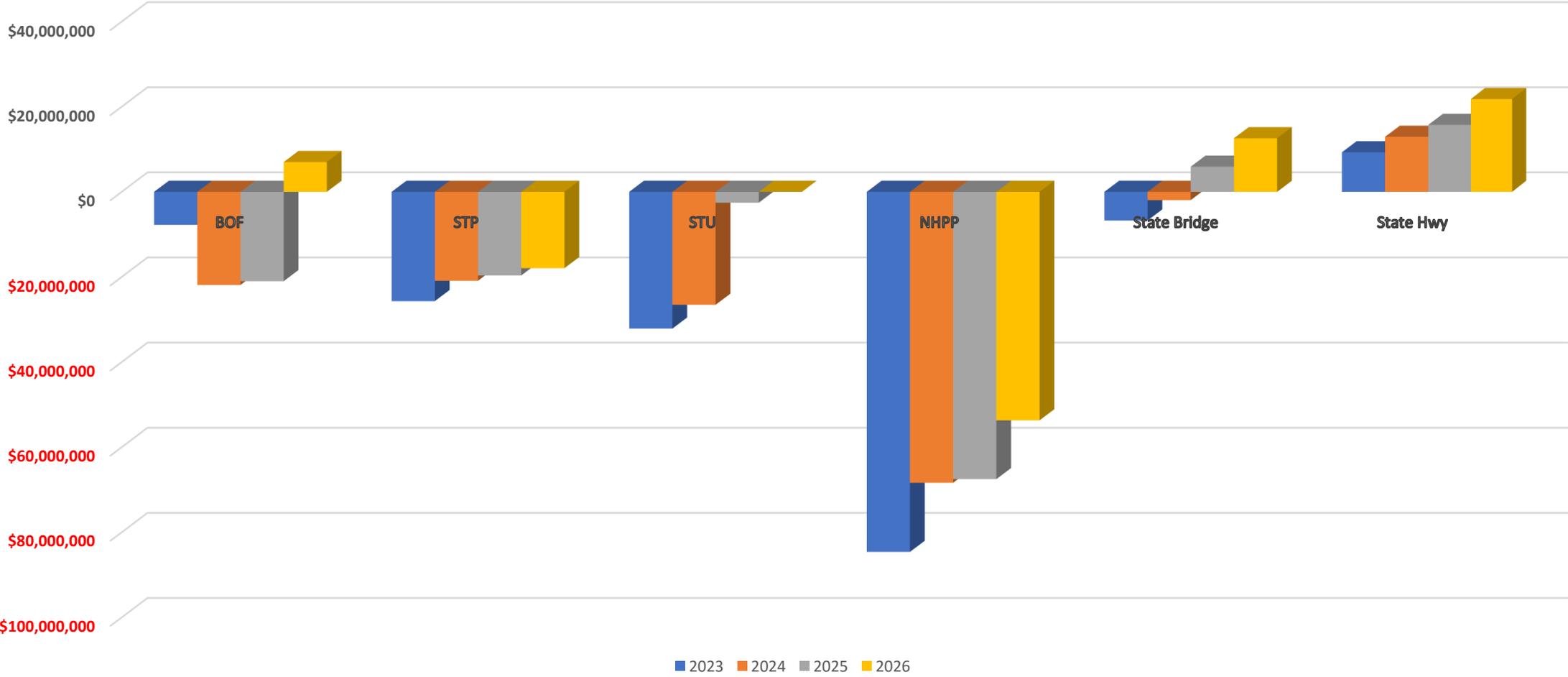
Available/Over Programmed 2023-2026 After IIJA

BEFORE AND AFTER FUNDING SHEET - 2023 DRAFT TIP

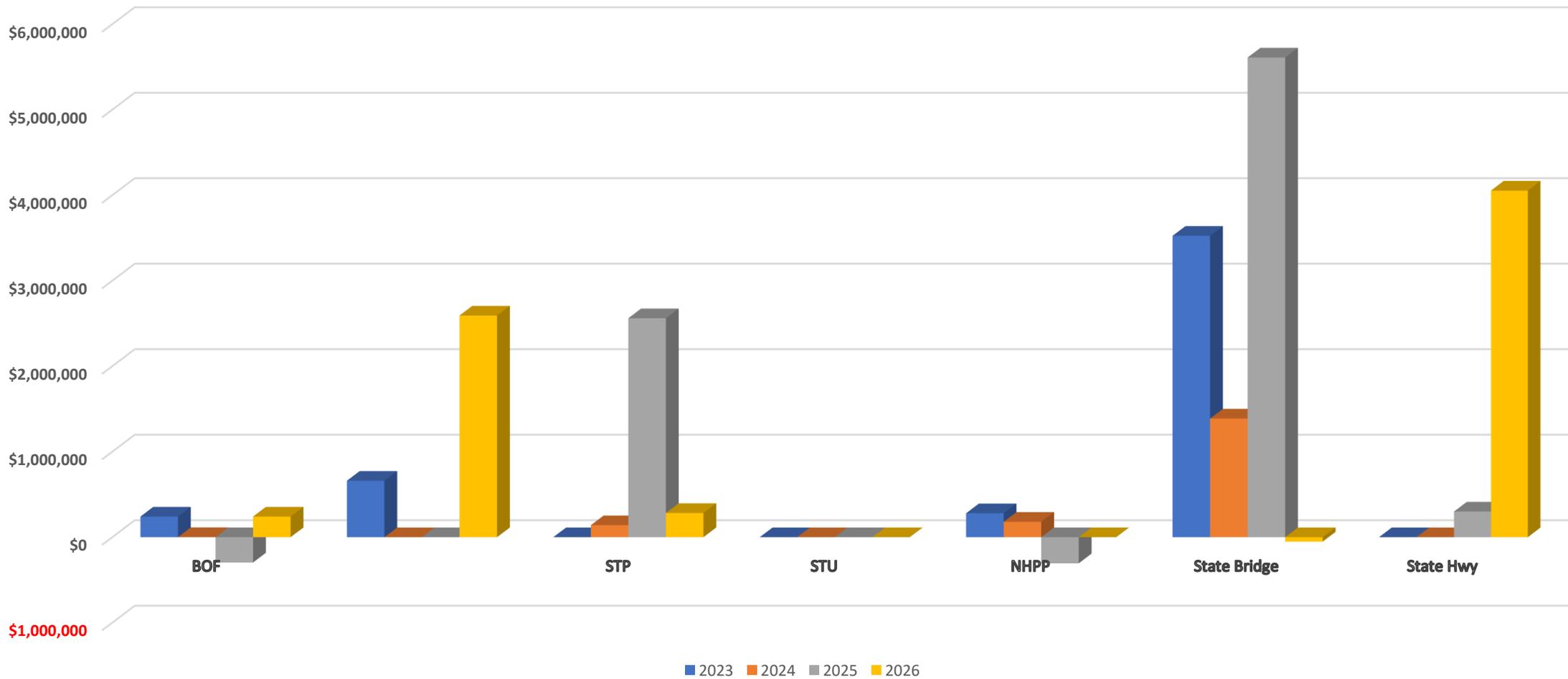
		Nov-21 No IIJA					Dec-21 IIJA				
		Allocation Table					Allocation Table				
		2023	2024	2025	2026		2023	2024	2025	2026	
	BOF	8,996,000	8,996,000	8,996,000	8,996,000		BOF	17,976,000	17,976,000	17,976,000	17,976,000
	STP	16,842,000	16,692,000	16,684,000	16,676,000		BRIP (New Funding)	31,092,000	31,092,000	31,092,000	31,092,000
	STU	14,512,980	14,512,980	17,875,034	21,489,396	VS.	STP	17,266,000	17,637,000	18,161,000	18,695,000
	NHPP	35,064,000	29,595,000	24,366,000	19,138,000		STU	19,378,499	19,730,193	20,143,115	28,765,710
	CMAQ						NHPP	54,103,000	51,086,000	48,359,000	45,683,000
	TAP						CMAQ				
	State Bridge	29,095,000	28,539,000	28,536,000	28,418,000		TAP				
	State Hwy	18,074,000	19,652,000	20,034,000	22,117,000		State Bridge	29,095,000	28,539,000	28,536,000	28,418,000
	Local						State Hwy	18,074,000	19,652,000	20,034,000	22,117,000
							Local				



Available/Over Programmed 2023-2026 Before IJJA



Available/Over Programmed 2023-2026 After IIJA



BIL (IIJA) - THANKS

- SR 28 @ Highland Park Bridge Interchange
- Blvd of the Allies Bridge Ramps
- SR 837-A39-Seventh Ave to W. Eighth Avenue
- New Kensington Bridge
- Larimer Avenue Bridge
- East Washington Street Bridge
- Route 8- Two Betterments
- Tenth Street Bypass
- McKnight Road
- Business 22 in Monroeville



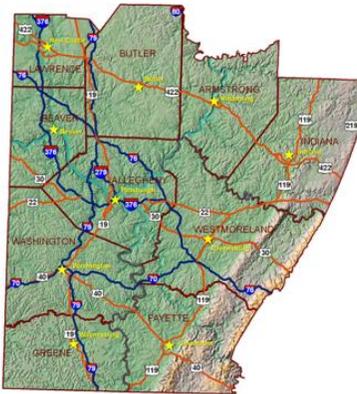
2022 LETTINGS

TOTAL COST			CONTRACT AWARD COST ONLY		
All Projects (Total Estimated Project Cost)	60 Projects	\$ 354,752,521	Contract Bid Amount Only	\$	109,848,783
Projects Bid to Date (Includes oversight)	15 Projects	\$ 121,273,493	Remaining	\$	208,302,918
Remaining Projects (Includes oversight)	45 Projects	\$ 230,253,071	Total Bid Costs Only		318,151,701
Bid to Date + Remaining		\$ 351,526,564	Average Bid to Date vs. Estimate		-2.63%
Projects	Amount				
PennDOT 45	288,539,827				
Local 15	66,212,694				
	354,752,521				



BRIDGE NEEDS

- PennDOT in collaboration with SPC held a Local Bridge Workshop – the presentation will be available on our website after today's presentation.



- 10 Counties
- >7,000 square miles
- 2.6 million citizens
- 548 municipalities
- 132 School Districts
- 3 PennDOT Districts
- 10 Transit Agencies

Welcome and Introductions

- Domenic D'Andrea, PE- SPC Transportation Director
- Cheryl Moon-Sirianni, PE- PennDOT District 11 District Executive
- Other SPC and PennDOT Staff
 - Doug Seeley, PE - PennDOT 11 ADE Design
 - Shane Szalankiewicz, PE - PennDOT District 11 Bridge Engineer
 - Keith Dougall, PE – PennDOT District Bridge Unit
 - Keith Cornelius, PE – PennDOT District Bridge Unit
 - Dina Salemi, PE - PennDOT District 11 Design Services Engineer
 - John Quatman - PennDOT District 11 Planning and Programming Manager
 - Ryan Gordon - SPC Transportation Program Development Manager
 - John Weber - SPC Transportation Program Development Planner



COMMUNITY RELATIONS

Nicole E. Haney
Community Relations Coordinator
412-429-5004



PRESS OFFICE CONTACTS

- **Steve Cowan – Press Officer**

Phone: 412-429-5010



- **Yasmeen Manyisha – Safety Press Officer**

Phone: 412-429-5044



- **Nicole Haney – Community Relations Coordinator**

Phone: 412-429-5004



ROADSIDE BEAUTIFICATION



Adopt-A-Highway

<https://adoptahighway.penndot.gov/>

Beaver Contact: Kathy Guthrie, 724-774-6610

Adopt and Beautify

<https://www.penndot.gov/about-us/RoadsideBeautification/Pages/Adopt-and-Beautify.aspx>

Beaver Contact: Rachel Owens, 412-429-4954

Sponsor-A-Highway

<https://pennsylvania-sponsor-a-highway.com/>

Contact for more info: 215-971-8383

Pick Up PA

<http://www.keppabeautiful.org/>

March 1 – May 31st: Eligible for FREE Supplies
(while supplies last)

September 1st – November 30th: The International Coastal Cleanup
Eligible for FREE supplies
(while supplies last)

Contact for more info: 724-836-4121 or info@keppabeautiful.org



CUSTOMER CARE CENTER

The screenshot shows the PennDOT Customer Care Center website. At the top left is the Pennsylvania Department of Transportation logo. The page title is "Customer Care Center" and there is a "Home" button in the top right. The main content area has a heading "Welcome to the PennDOT Customer Care Center". Below this is an information box with a blue 'i' icon, stating: "Submissions are not monitored outside of normal business hours, which are Monday - Friday, 8 a.m. to 4:30 p.m. For life-threatening emergencies, call 9-1-1. For urgent issues, call the associated PennDOT County Office. Harassment, profanity, and/or threats of violence will not be tolerated. Abusive submissions will not be acknowledged or responded to by Department personnel and may be reported to law enforcement." Below the information box are two main sections: "New Concerns" and "Existing Concerns". The "New Concerns" section has a "Submit New Concern" button. The "Existing Concerns" section has a "Reference Number" label, an input field, and a "Search" button.

<https://customercare.penndot.gov/>

1-800-FIX-ROAD
(1-800-349-7623)



VIDEOLOG

<https://gis.penndot.gov/videolog/dot.gov>

Select Area of Interest



COUNTY - *Select from the options below then click Go!*

County

<Select County>

Go

Close

Disclaimer

This web site is for informational purposes only and may be viewed by anyone. The VideoLog information is provided "as is" without warranty of any kind, either expressed or implied. Information could include technical inaccuracies or errors of omission. Likewise PennDOT makes no warranty with respect to the traffic information, including its quality, merchantability, or fitness for a particular purpose. The traffic information is provided "as is" and the user assumes the entire risk as to its quality and performance. Changes may be periodically made to the information herein.

I Accept

I Do Not Accept



VIDEOLOG

Q AOI Tools ↗ ⓘExport



Navigation controls: Play, Stop, Previous, Next, Full Screen, Refresh

Basic Info	
County	BEAVER (04)
Route	0065 (PA - 065)
Type	State
Direction	NORTH
Segment	0160
Offset	908 ft.
Latitude	40:40:21.99720
Longitude	-80:14:44.15640
Name	000023200650.jpg



Switch Basemap

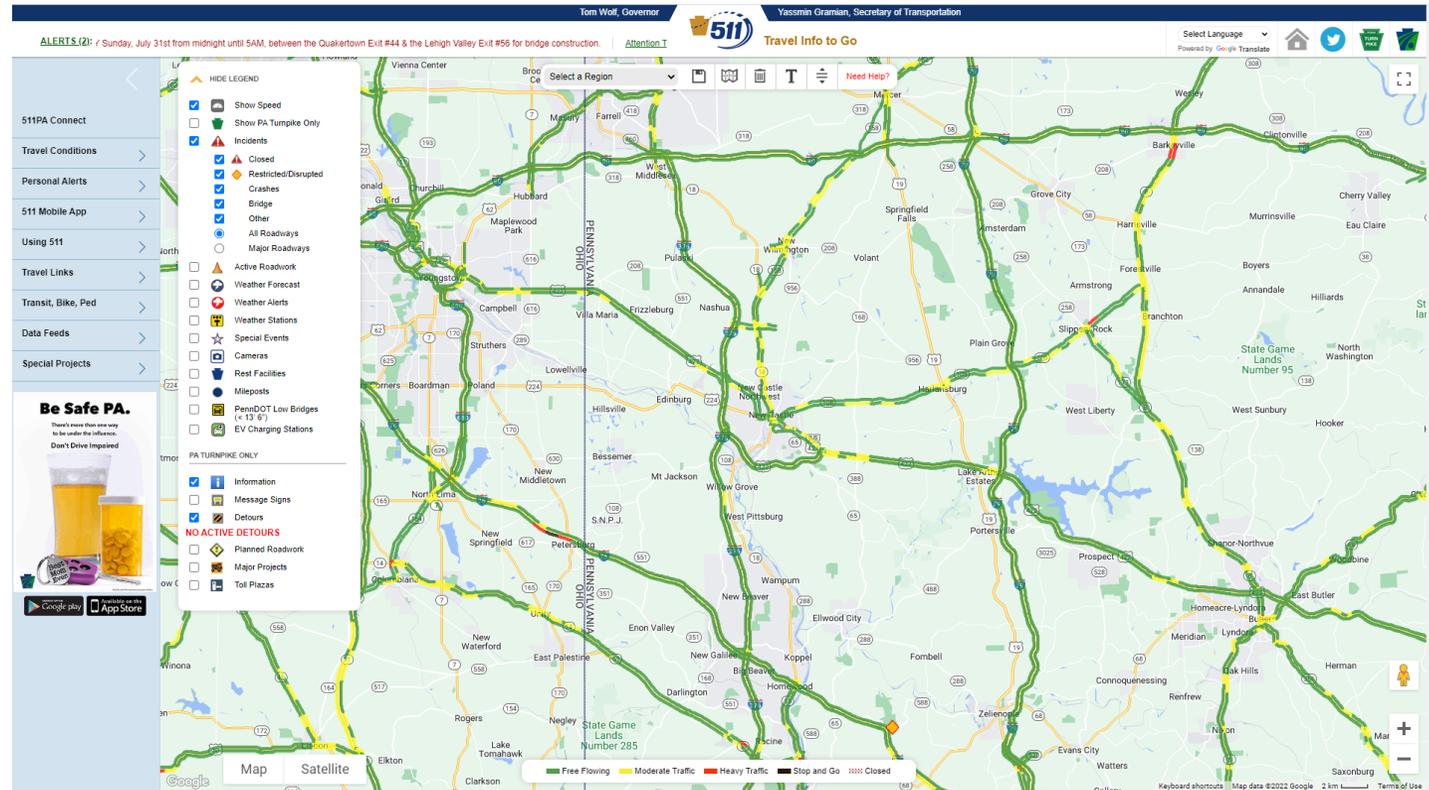
© 2014-2022 PA Department of Transportation 



511PA

- At any time, motorists can check conditions on more than 40,000 roadway miles by visiting www.511PA.com. 511PA, which is free and available 24 hours a day, provides traffic delay warnings, weather forecasts, traffic speed information, and access to more than 1,000 traffic cameras.
- 511PA is also available through a smartphone application for iPhone and Android devices, by calling 5-1-1, or by following regional Twitter alerts accessible on the 511PA website.

Twitter -
[@511PAPittsburgh](https://twitter.com/511PAPittsburgh)



ADDITIONAL RESOURCES

- Information on construction projects occurring this year is viewable at www.projects.penndot.gov.
- Visit the PennDOT District 11 website at: <https://www.penndot.gov/RegionalOffices/district-11/Pages/default.aspx>
- Sign up to receive press releases by emailing Steve Cowan at stcowan@pa.gov



MAINTENANCE



LORI MUSTO, ASSISTANT DISTRICT EXECUTIVE

412-429-5002

MAINTENANCE CHALLENGES - STAFFING

Beaver County is Currently down 17 operators

Winter Operations:

IF staffing remains the same this will leave 8-9 snow routes not covered

We do utilize rental trucks to cover routes during a larger storm events

Winter Agreements with municipalities are a huge asset to us. We cannot provide the level of service municipalities can on lower ADT roads. A HUGE THANK YOU to those that have agreements with us.

Summer Operations:

We are currently down an entire large specialty crew or two smaller sized crews

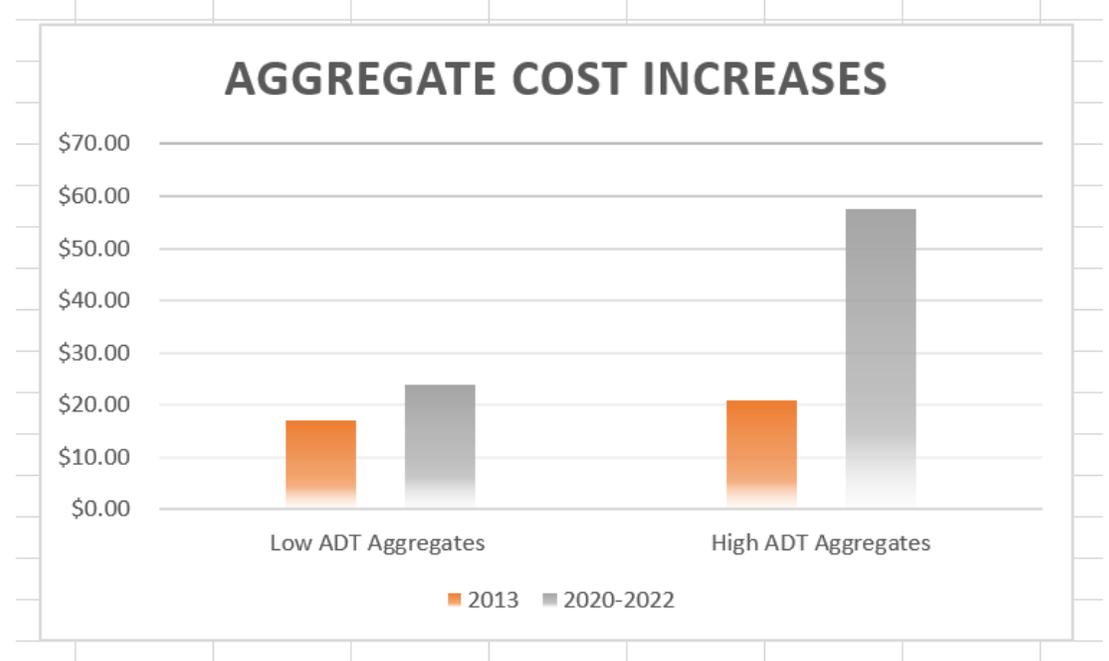
Paving Crew / Seal Coat Crew / Shoulder Cutting Crew: 22 operators

Section Crews which handle emergencies and general maintenance: 8-9 operators



MAINTENANCE CHALLENGES – BUDGET

There has been no increase in the Maintenance budget in 10 years



We understand everyone hates seal coat

- Savings placing seal coat vs paving per lane mile \$135,000
- Critical in prolonging the life of the roadway by sealing the cracks

Winter Costs

- 23% projected increase for 2022



MAINTENANCE RESPONSIBILITIES

Cities and Boroughs

PENNDOT's Maintenance responsibility is the area within curb lines

PA State Highway Law – 1945; Circular Letters E-2211 and RM 93-04

Drainage: includes inlet grates and tops (Approx. top 6") in roadway surface between curb lines, **excludes** inlet boxes below grates /inlet top and cross pipes unless PennDOT has assumed maintenance responsibility by agreement.



Tree Trimming / Mowing / Litter:

All fall under the municipality's responsibility



MAINTENANCE RESPONSIBILITIES

Townships

PennDOT's Maintenance responsibility is the entire area within right-of-way lines.

Includes:

- inlets and pipes
- Mowing
- litter

Excludes:

- storm and sanitary sewers
- curbing and sidewalks.



All Municipalities are responsible for controlling offsite stormwater runoff



MAINTENANCE RESPONSIBILITIES

Permitted work

Permitee or Municipality are generally responsible for drainage installed as a part of a permit project



Municipalities are responsible for keeping a traffic signal clear of obstructions, including vegetation, as part of their permit



COMMON CONCERNS / ISSUES



Private property below roadway grade

It is the property owner's responsibility to control sheet flow run off onto their property



COMMON CONCERNS / ISSUES



Illicit Discharge from a private property onto a state road



Drainage outlet blocked by private property owner
Department permitted to open under the Ditch and Drainage Act



MS-1 (2-22)



AGILITY AGREEMENT

Effective Date: _____
(Department will insert)

Agreement Number: _____

Federal ID Number: _____

AGILITY AGREEMENT (Attachments A, B, C and D)

1) THIS AGREEMENT is made and entered into by and between the Commonwealth of Pennsylvania, acting through the Department of Transportation, ("DEPARTMENT") and the following public procurement unit(s) as defined in the Commonwealth Procurement Code, 62 Pa. C.S. § 101, et seq., ("PARTNER(S)").

Partner: _____ Federal ID Number: _____

City: _____ County: _____

2) NOW, THEREFORE, in accordance with the Terms and Conditions of Attachment A, attached to and made a part of this Agreement, the parties, with the intention of being legally bound, agree to perform those activities to be set forth in the Agility Work Plan which, upon completion by the parties, will be attached to and made a part of this Agreement.

- a. Attachment B, which lists the services that may be performed by the parties, is made a part of this Agreement.
- b. Modifications to the services to be performed as identified in the Agility Work Plan may be made at any time in writing during the term of this Agreement or the renewal period described in Paragraph 3.

3) This Agreement shall be effective for an initial five- (5-) year period, beginning on the date noted in the upper left hand corner, unless terminated sooner for either cause or convenience upon thirty (30) days' written notice by either party to the other, at which time all obligations shall cease; provided, further, that termination for convenience shall be subject to reconciliation of outstanding balances.

4) By renewal letter, not requiring approval by either the Office of Chief Counsel or Office of Comptroller Operations, the parties can extend the Agreement for one three- (3-) year term beyond the initial five- (5-) year term. The three- (3-) year renewal period shall begin on the termination date of the initial term. The three- (3-) year renewal period shall similarly be subject to termination for either cause or convenience upon thirty (30) days' written notice by either party to the other, at which time all obligations shall cease; and, as during the initial period, termination for convenience shall be subject to reconciliation of outstanding balances. The PARTNER shall return the letter, signed by its duly authorized agent and accompanied by a resolution authorizing the agent to sign on the PARTNER's behalf, to the DEPARTMENT's appropriate county agility coordinator at least sixty (60) days before the end of the initial term. A sample renewal letter is attached to and made a part of this Agreement as Attachment C. In any event, this Agreement shall not be effective after eight (8) years from the date noted in the upper left-hand corner.

5) The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, applies to this Agreement. Therefore, the Agreement is subject to, and the PARTNER shall comply with the clause entitled, Contract Provisions – Right to Know Law, attached as Attachment D and made a part of this Agreement. As used in this Agreement, the term "Contractor" refers to the PARTNER.

• Agility Agreement

- Effective for 5 years
- Requires board to pass a resolution
- Outlines potential exchange terms
- Does not lock you into performing anything
- Signed by PennDOT and partner



AGILITY

MS-2 (11-17)



AGILITY WORK PLAN

Agility Work Plan Number/Letter: _____ Agility Agreement: _____

Partner Name: _____

Agility Agreement Expiration Date: _____

Agility Agreement Renewal Letter Expiration Date: _____

WBS Element: _____ County: (Select One)

PARTNER COMPLETES	Services/Resources Received from the Partner	Planned Production Units	Unit	Unit Price	Total	Estimated Date of Completion	Completion Date Initials/Date Work Approved
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
	TOTALS:				\$0.00		

PennDOT COMPLETES	Services/Resources Received from PennDOT	Planned Production Units	Unit	Unit Price	Total	Estimated Date of Completion	Completion Date Initials/Date Work Approved
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
					\$0.00		
	TOTALS:				\$0.00		

Accepting:

Signature, PennDOT _____ Title _____ Date _____

Signature, Partner _____ Title _____ Date _____

Signature, AFSCME _____ Title _____ Date _____

Signature, Partner's Union _____ Title _____ Date _____

Use the reverse side of this Agility Work Plan to document the scope of work for the services listed above. If necessary to amend the Work Plan, all parties must sign off on changes.

• Agility Work Plan

- List of services being exchanged and the scope of work
- Signed by PennDOT, partner, and workers' collective bargaining units (if applicable)
- Can include attachments to lay out the work in further detail



WINTER MAINTENANCE SERVICES AGREEMENTS

DATE: _____
(PennDOT will insert)

AGREEMENT NO.: [REDACTED]
FEDERAL I.D. NO.: [REDACTED]
SAP VENDOR NO.: [REDACTED]

Winter Maintenance Services Agreement

This Winter Maintenance Services Agreement ("Agreement") is made by and between the Commonwealth of Pennsylvania, acting through the Department of Transportation ("PennDOT");

and

[REDACTED], an entity legally authorized to enter into this Agreement, acting through its proper officials ("Service Provider").

BACKGROUND

To ensure an efficient and effective maintenance program during winter seasons, PennDOT enters into this agreement to transfer winter maintenance responsibilities to the Service Provider, which has the equipment, personnel and commitment to perform winter maintenance work for the designated state highways (state routes), including bridges and approaches, subject to payment by PennDOT and the terms and conditions of this Agreement.

The parties, intending to be legally bound, agree as follows:

1. Description of Work.

- a. **Service Provider General Responsibility.** Service Provider shall remove snow and ice, provide de-icing and anti-skid materials and apply de-icing and anti-skid treatments for the Snow Lane Miles of designated state routes set forth on Exhibit "A" to this Agreement, including bridges and approaches on the delineated state routes, during the Winter Season. Exhibit "A" is attached and incorporated by reference into this Agreement.
- b. **Service Provider Level of Service and Performance Measures.** The Service Provider shall perform work promptly and efficiently to facilitate the safe and unimpeded flow of traffic. Work shall comply with the then-current versions of PennDOT's: 1) Maintenance Manual ("Publication 23") including its Chapter 4; 2) Highway Foreman Manual ("Publication 113") including its Chapter 5 and Assembly 712-7521-01; and 3) Highway Construction Specifications ("Publication 408") including Sections 703.4 and

- Base Agreement is for 5 years
- 5 one-year renewal options for a total length of 10 years
- 2% increase in rate each year
- Severe Winter Adjustments Possible depending on the winter
- Contact Person:
Tim Hann
412-429-4982
tihann@pa.gov





BEAVER COUNTY MAINTENANCE

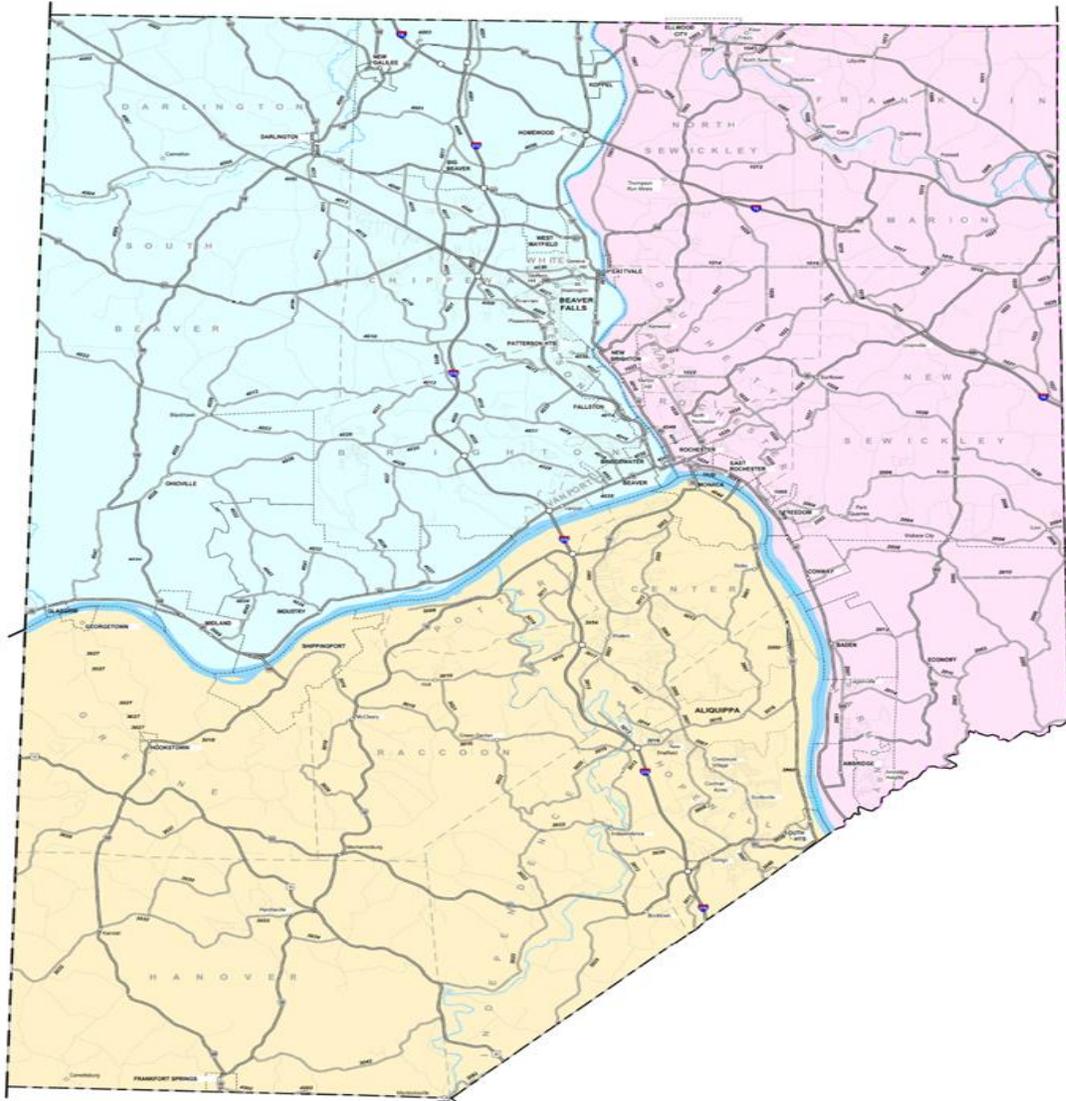
DAVID LANCASTER

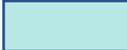
BEAVER COUNTY MANAGER

724-774-6610 / DALANCASTE@PA.GOV



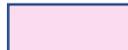
BEAVER COUNTY STAFF



Michele Yeager 

Northwest Section, Assistance Highway Maintenance Manager

724-774-6610 Office

Heather Kwasnicka 

Eastern Section, Assistant Highway Maintenance Manager

724-774-6610 Office

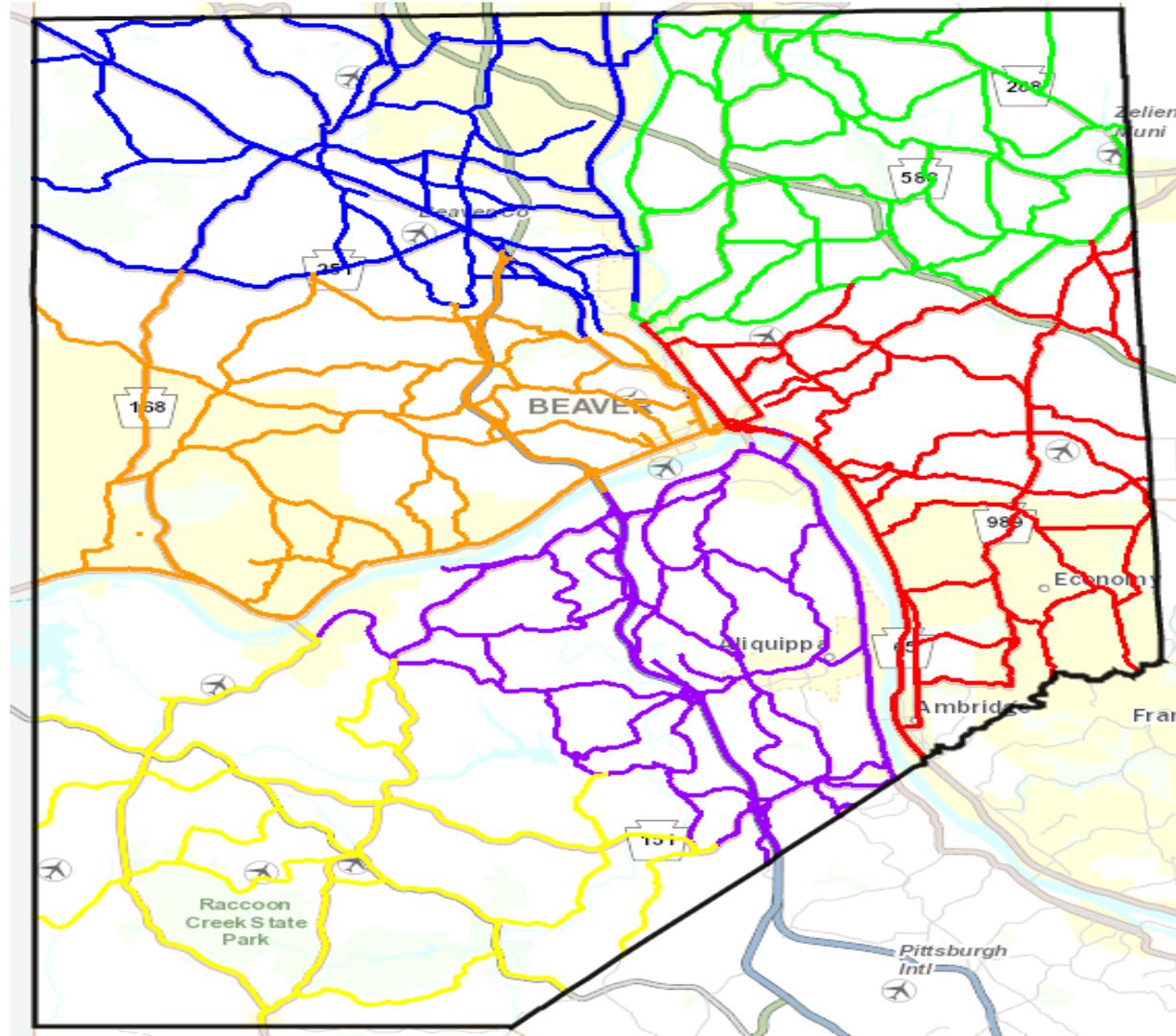
Vacant 

Southwestern Section, Assistant Highway Maintenance Manager

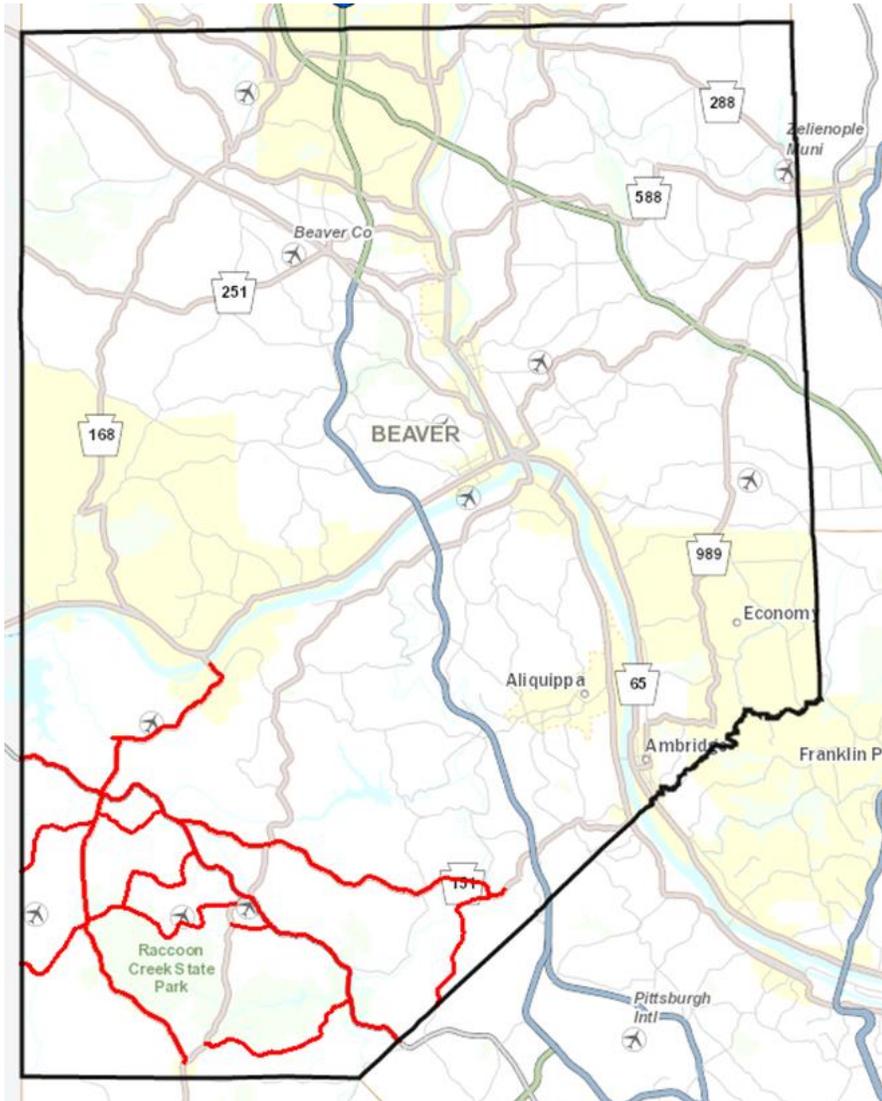
724-774-6610 Office



CYCLE MAINTENANCE SECTIONS



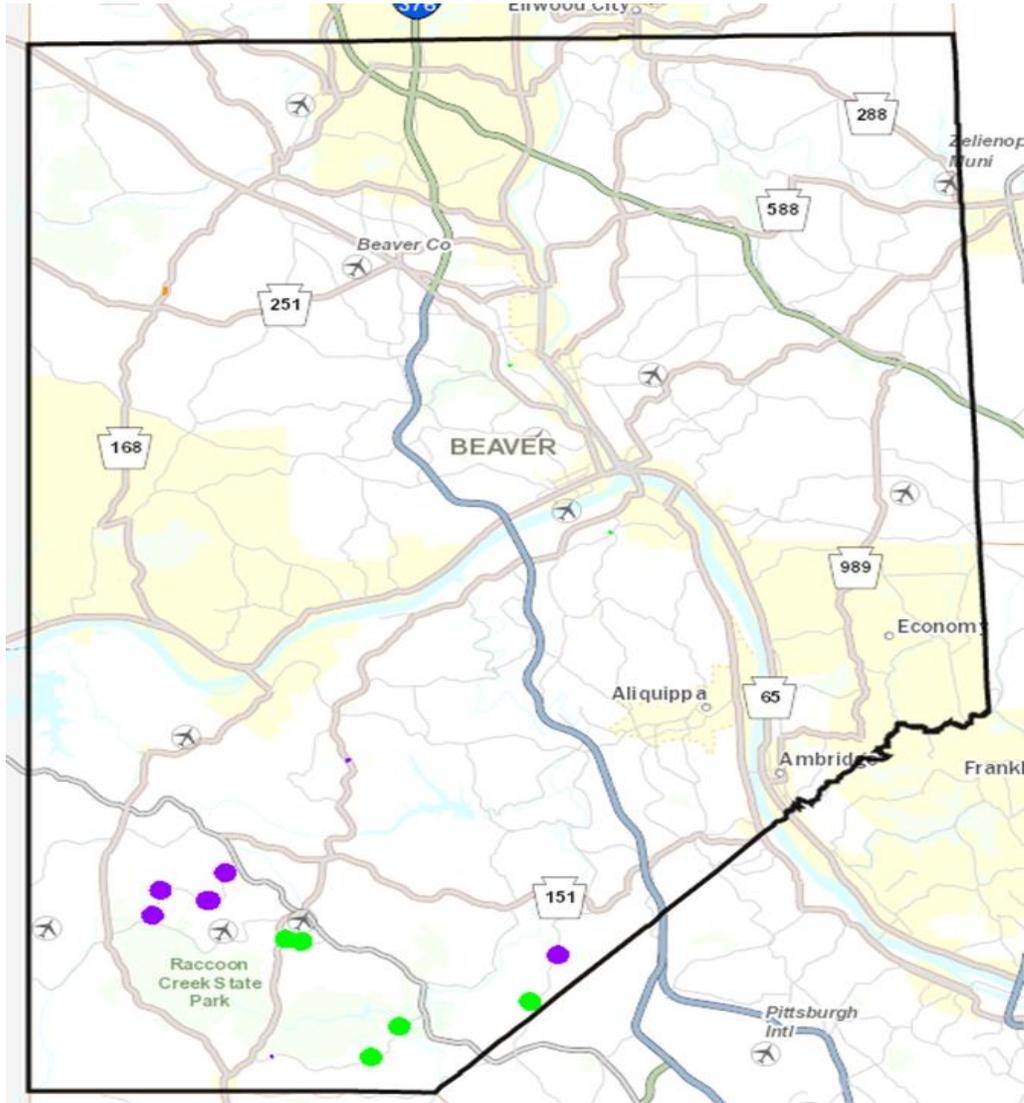
2022 SHOULDER CUTTING



State Route	Road Name	Mileage
0030	Lincoln Highway	22.4
0151	Bocktown Road	16.9
0168	Hookstown Frankfort Road	20.1
3025	Bocktown Cork	7.4
3026	Gas Valley Road	5.2
3027	Pine Street	.4
3030	Pleasant Hills Road	6.5
3032	Hanover Kendall Road	14.3
3034	Century Farm Road	2.0
3037	Old Mill Creek	4.0
3042	Anderson Hozak Road	9.2
TOTAL MILEAGE		108.4



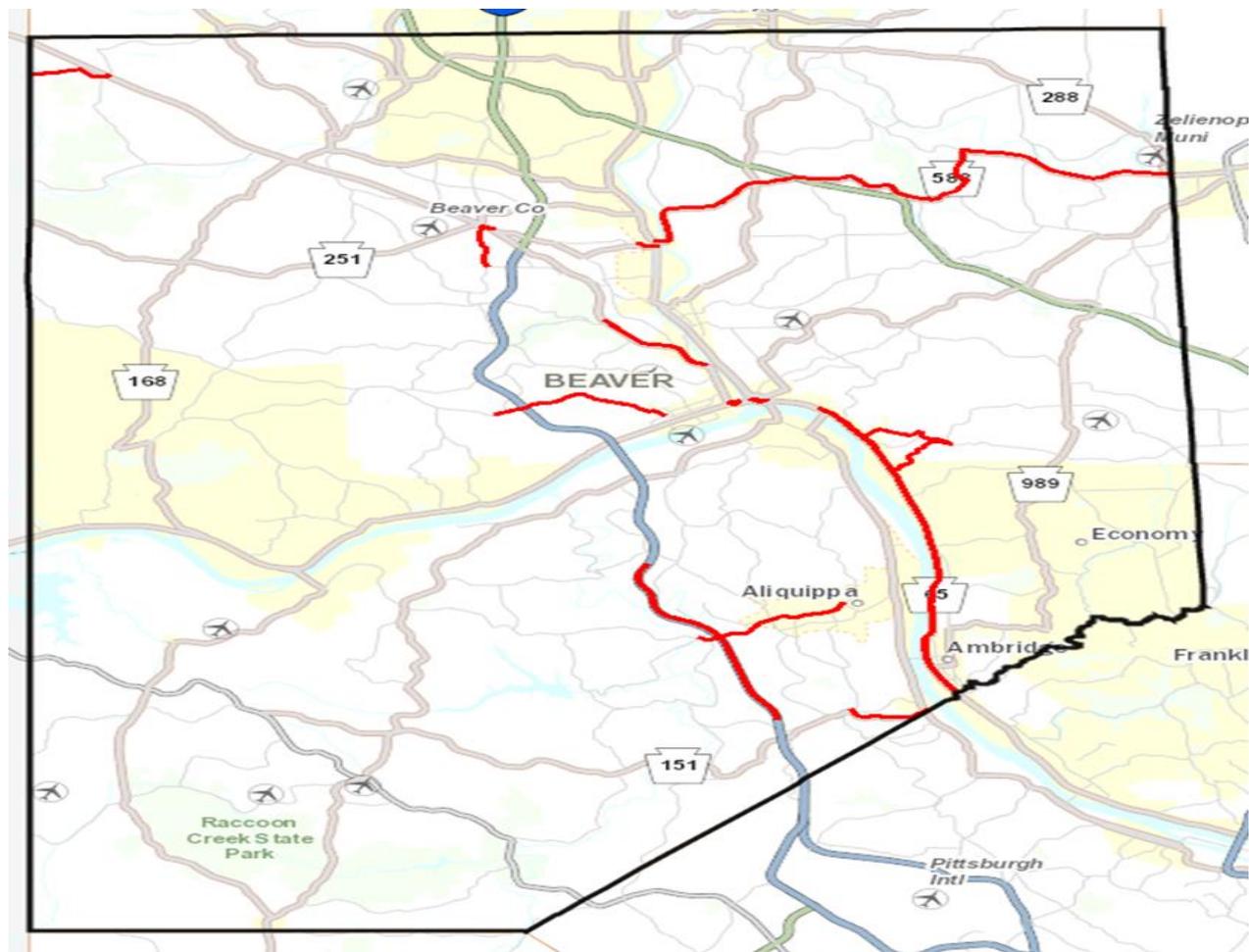
2022 DRAINAGE



State Route	Road Name	Linear Feet
3002	Brodhead Road	50
3025	Bocktown Cork Road	50
3034	Century Farm Road	80
3042	Anderson Hozak Road	80
4027	Darlington Road	30
0168	Ohioville Road	300
0018	Frankfort Road	40
3030	Pleasant Hill Road	40
TOTAL FOOTAGE		670



2022 CRACKSEALING-CONTRACT



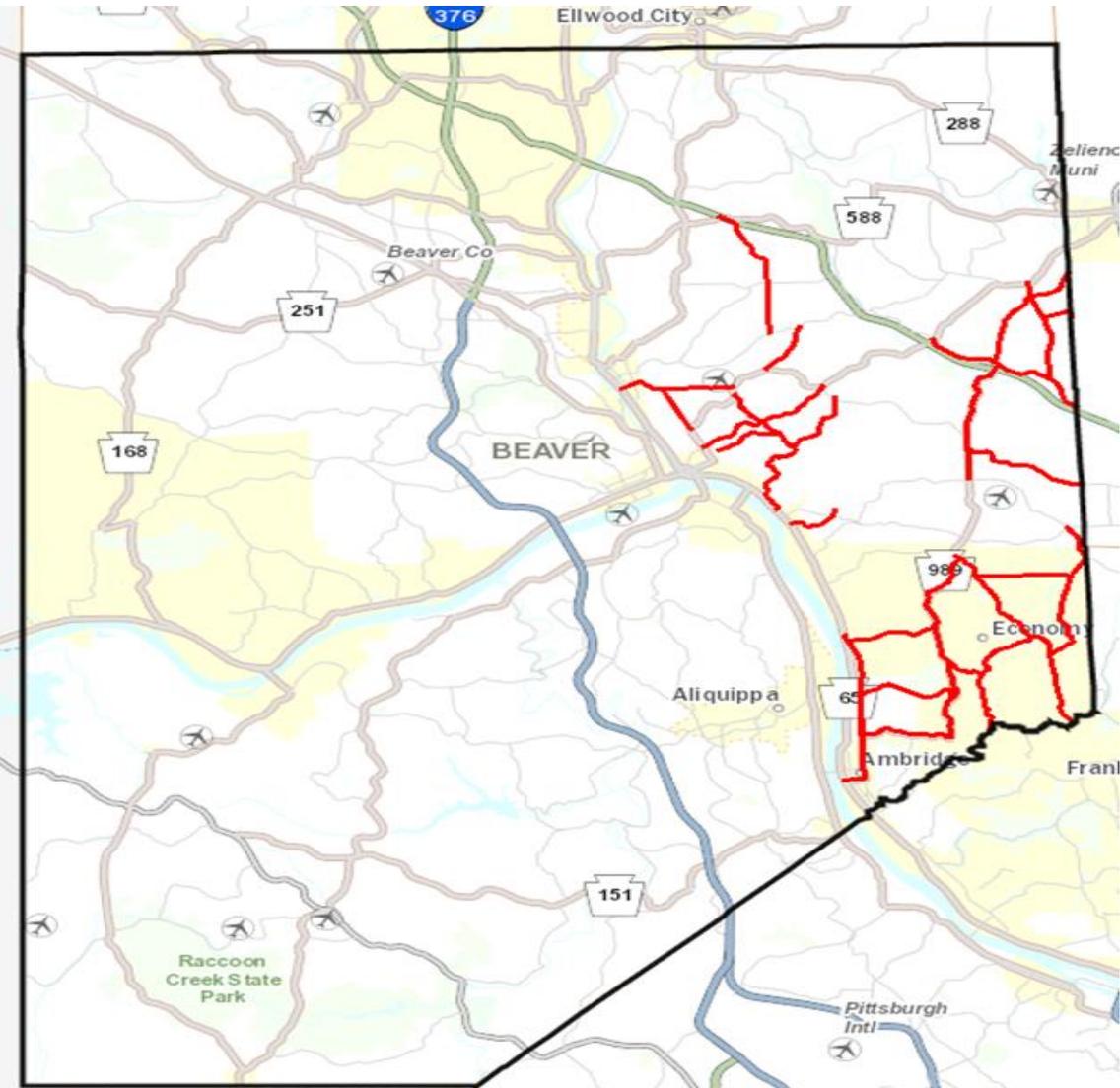
2022 CRACKSEALING-CONTRACT

State Route	Road Name	Mileage
51	Constitution Boulevard	5.0
65	Ohio River Boulevard	35.2
151	Gringo Clinton Road	2.8
376	Beaver Valley Expressway	21.2
588	TR588	24.3
1035	Unionville Road	20.0
1037	Reno St. Ext.	0.5
1065	Third Avenue	1.5
2004	Freedom Crider Road	2.9
2018	Ninth Street Ext.	3.5

State Route	Road Name	Mileage
3016	Kennedy Blvd.	10.7
4002	Taggart Road	2.6
4021	Shenango Road	2.8
4028	Tuscarawas Road	6.2
8029	Freedom Int./Ramp	.3
8031	E. Rochester Int.	.3
8033	E. Rochester Int.	.3
8037	Rochester Int./Ramps	.4
8039	Bridgewater Int./Ramps	.6
	Total Mileage:	167.6



2022 SEAL COAT



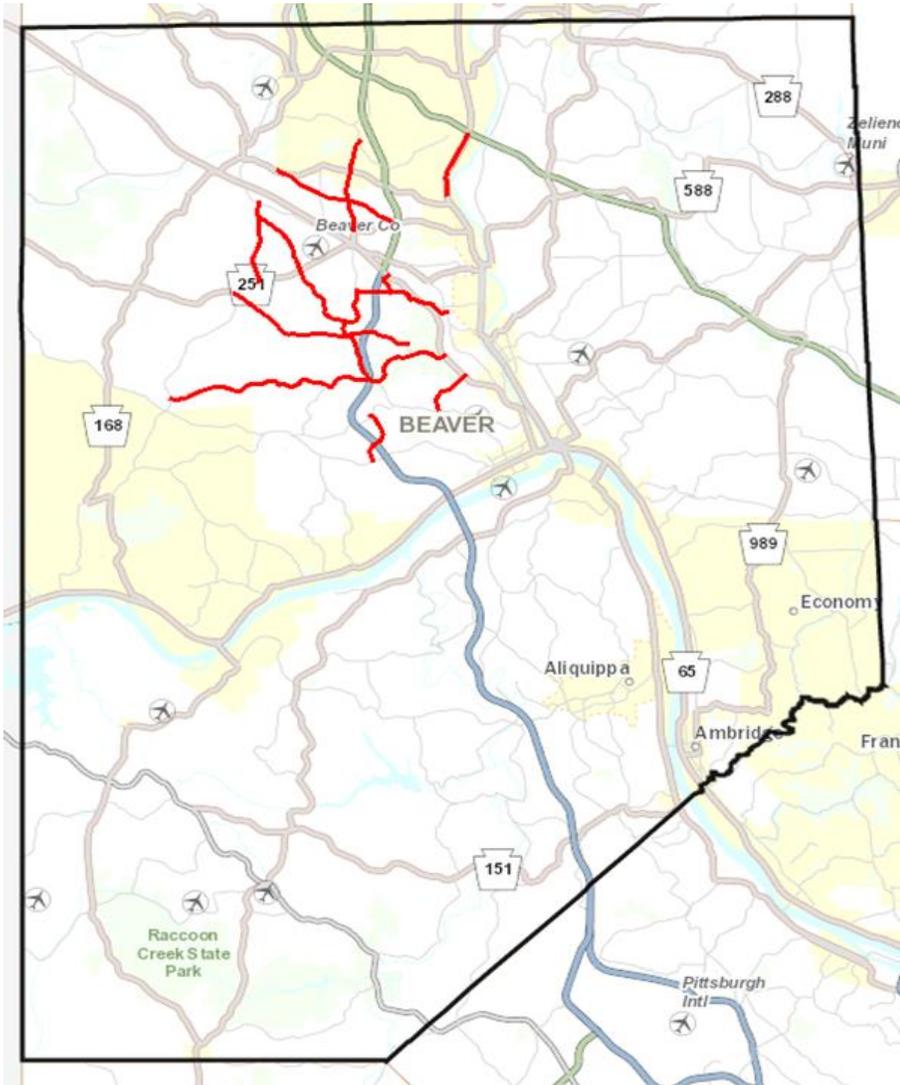
2022 SEAL COAT ROUTES

State Route	Road Name	Mileage
989	Ridge Road Ext.	13.0
1020	Ifft Road	.66
1022	Sunflower Road	2.15
1023	Willoughby/Muntz Rd	2.86
1024	Deer Lane Ext.	2.91
1025	Zeigler Road	2.52
1026	Reno St.	1.30
1027	Glen Eden Rd.	1.97
1029	Concord Circle/Dogwood Rd.	3.29
1030	Rochester Road	2.50
1033	Tulip Drive	1.24
1035	Unionville Road	4.01

State Route	Road Name	Mileage
1037	Reno St Ext/Pine Run Rd.	1.67
1039	Virginia Avenue	1.13
2001	Duss Avenue	3.44
2002	Harvey Run Road	1.08
2003	Hoenig Road	3.07
2005	Conway Wallrose Road	4.88
2006	Golden Grove Road	3.73
2010	Bradford Park Road	1.75
2012	Phillips St. Ext	1.8
2014	Legionville/Hemmerle	2.08
2016	Mason Road	.78
	Total Mileage:	69.58



2022 SEAL COAT-CONTRACT

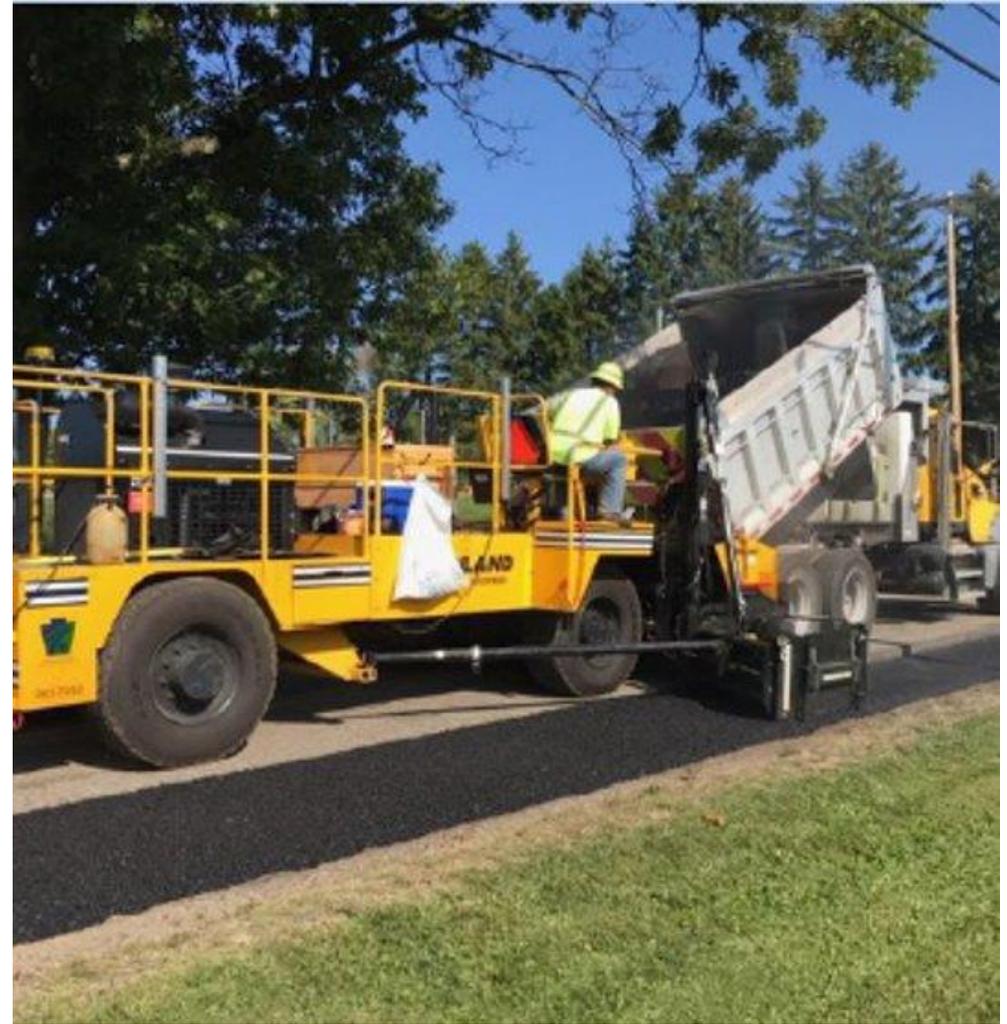
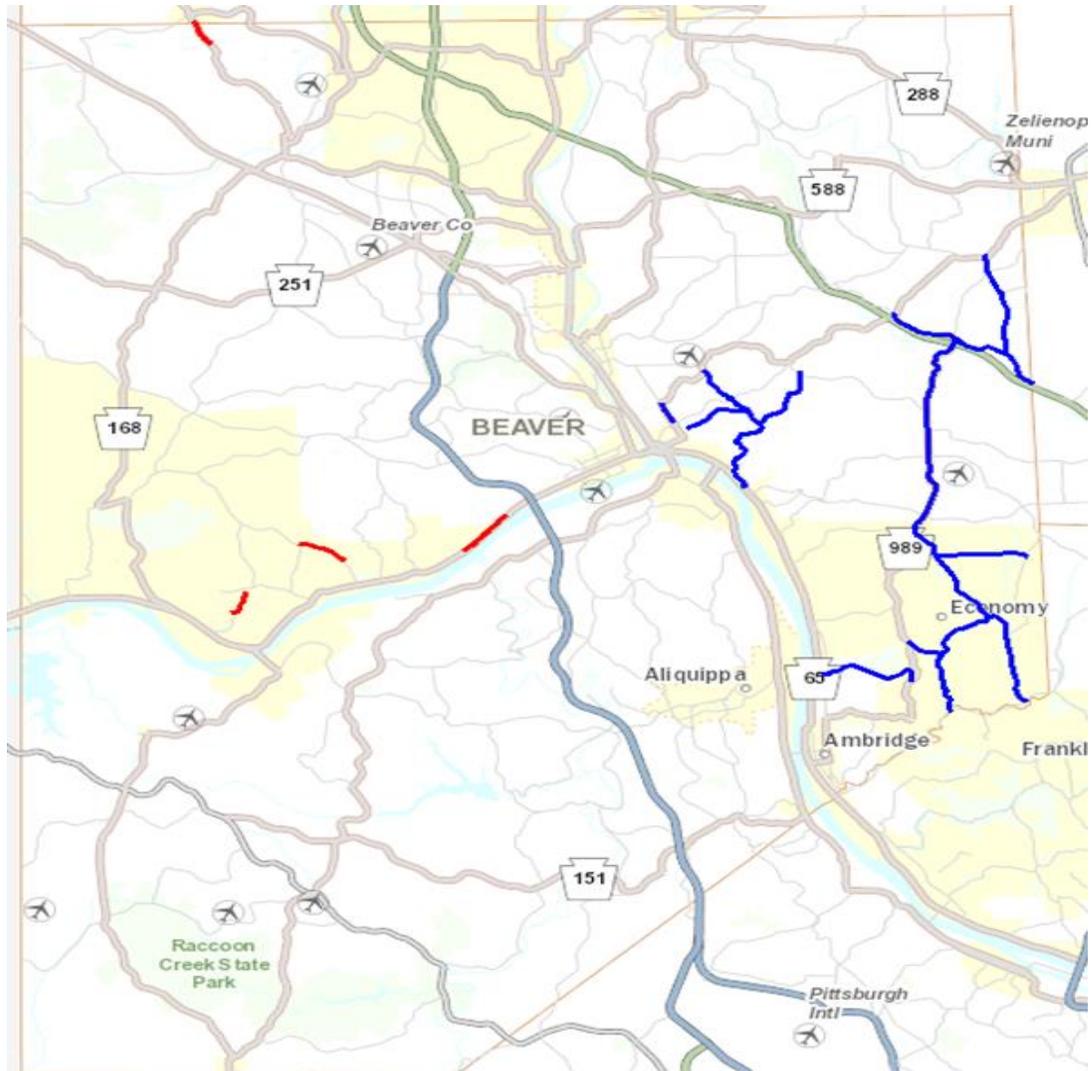


2022 SEAL COAT-CONTRACT

State Route	Road Name	Mileage
18	Big Beaver Blvd.	1.61
4008	Braun Road	2.28
4010	Achortown Road	4.44
4011	Elmbrook Road	2.09
4012	Brady's Run Road	7.31
4017	Shenango Road	2.28
4019	Park Road	5.14
4021	Shenango Road	1.17
4023	Braden School Road	.52
4033	Wildwood Road	1.18
4035	Brighton Road	1.18
4040	Thirty Seventh Street	2.88
	Total Mileage	32.45



2022 BASE REPAIR



2022 BASE REPAIR

State Route	Road Name	Tonnage
68	Midland-Beaver Rd	2000
68	Virginia Avenue	570
551	Hollow Road	225
989	Ridge Road Ext.	2900
1025	Ziegler Road	1540
1026	Reno Street	430
1027	Glen Eden Road	1310
1035	Unionville Road	1070

State Route	Road Name	Tonnage
1037	Reno Street Ext.	680
2003	Hoening Road	1700
2005	Conway Wallrose Rd.	2050
2010	Bock Lane	485
2014	Legionville Road	340
2016	Mason Road	555
4032	Engle Road	800
4045	Murphy Hill Road	910
	Total Tonnage	17,565



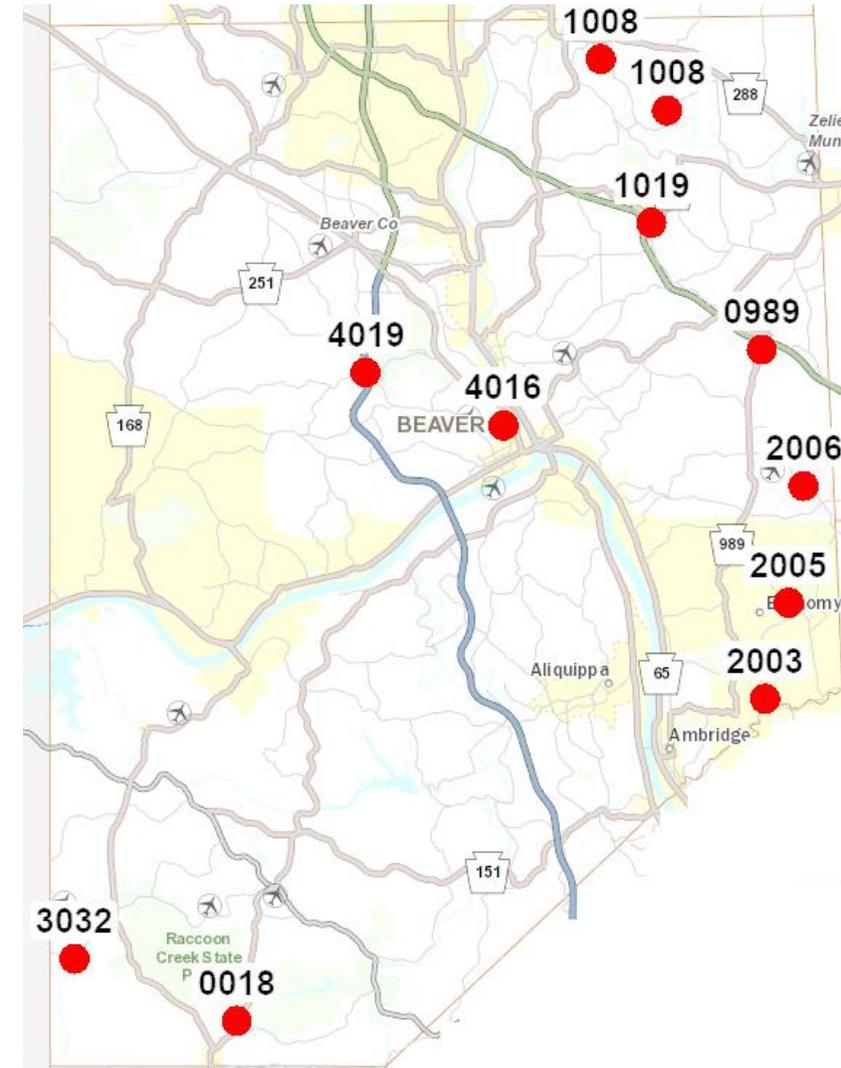
2022 MAINTENANCE SUMMARY

- Sealcoat 260, 728 gallons (69.6 miles)
- Shoulder Cutting 108 miles
- Base Repair 17,565 tons
- Crack Sealing 168 miles
- Pipe Installation 2,340 feet
- Bridge Washing 205 sites



2022/2023 LANDSLIDES

State Route	Road Name	Municipality
2003	Hoenig Road	Economy Borough
3032	Hardin Run Road	Hanover Twp
4016	Beaner Hollow Road	Brighton Twp
4019	Park Road	Brighton Twp
989	Wallace City Road	New Sewickley Twp
1008	Soap Run Road	Franklin Twp
1008	Shadyrest Road	Franklin Twp
1027	Glen Eden Road	New Sewickley Twp
18	Frankfort Road	Hanover Twp
1019	Brush Creek Road	Marion Twp
2006	Lovi Road	New Sewickley Twp
2005	Conway Wallrose Road	Economy Borough



TRAFFIC ENGINEERING & OPERATIONS UNIT



Traffic Signals



Western Regional
Traffic
Management
Center



Safety
Management



Operations



Work Zone Traffic
Control

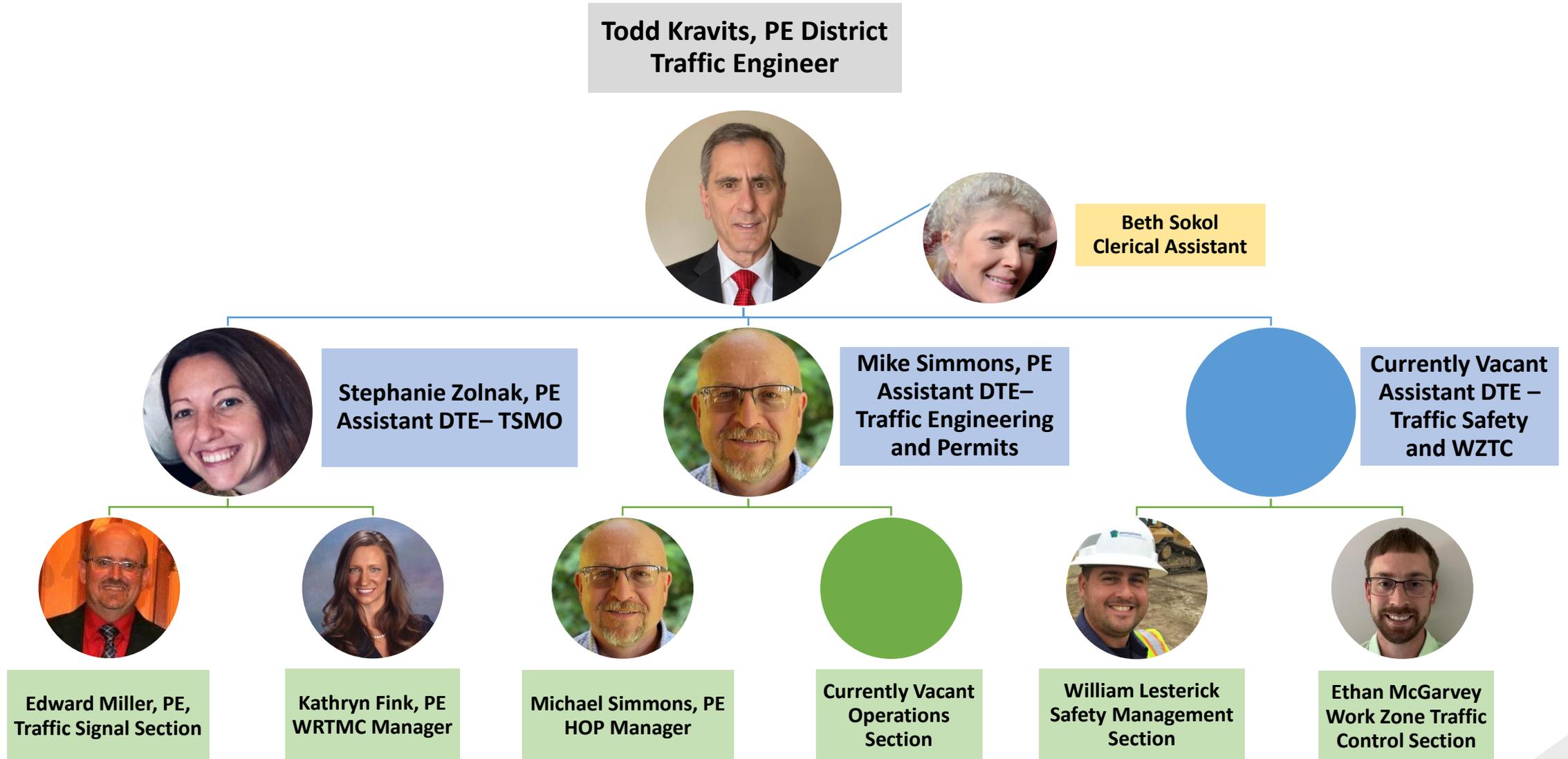


Highway
Occupancy
Permits

Traffic Engineering and Operations

TODD KRAVITS, PE, DISTRICT TRAFFIC ENGINEER

ORGANIZATION CHART



WHAT YOU NEED TO KNOW

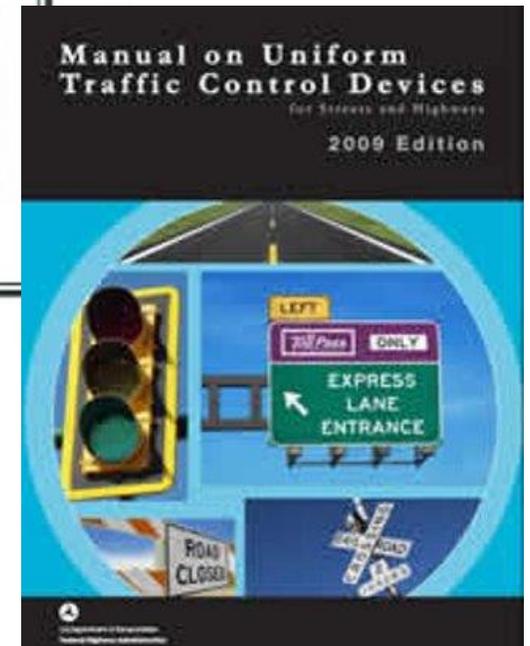
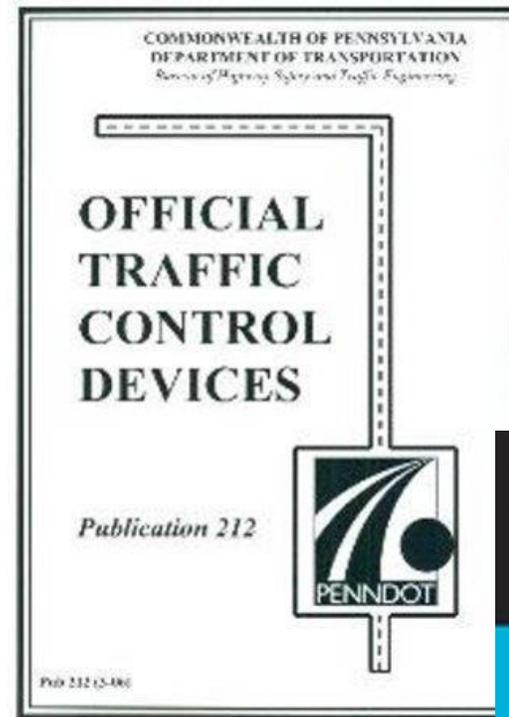
We provide the following services at no cost to our municipal partners when state roads are involved:

- Traffic Signal Design and Operation Reviews
- Traffic Engineering and Safety Studies
 - Speed, Signal, Stop and Yield Sign, Turn Restriction, Weight Limit, School Zone and Engine Brake Retarder Studies
- Other Services
 - Special Event (Races/Parades) Permits
 - Banner Agreements
 - Mid-Block Crosswalks Reviews
 - Hazardous Walking Route Reviews
 - Traffic Counts
 - Crash Data Analysis

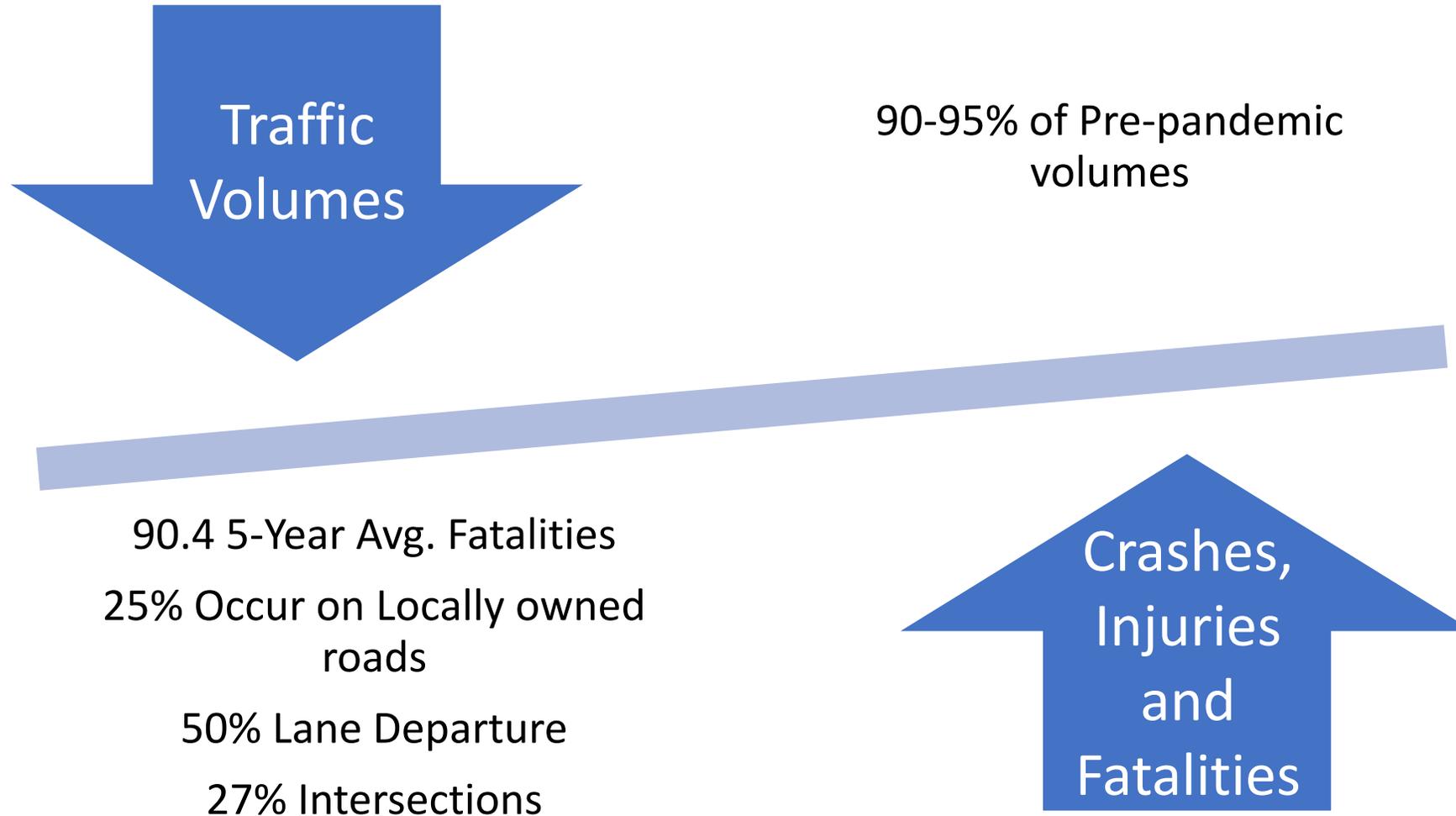


WHY DO WE DO THIS?

A Traffic Engineering and Safety Study is required for approval, location, installation, revision, operation, maintenance, and removal of all traffic signs, signals, markings, and other traffic control devices on all streets and highways in the Commonwealth.



TRAFFIC VOLUMES AND SAFETY



SAFETY MANAGEMENT



Pedestrian

- Signing upgrades to fluorescent yellow-green instead of the old yellow and black
- Using higher visibility crosswalks (piano keys)
- Yield to Pedestrian Channelizer Program



Bicycle

- Comprehensive plans establishing a network
- Municipalities responsible for owning and maintaining these facilities
- Legislation changes required for greater flexibility (parking protected)



SIGNING AND PAVEMENT MARKINGS

Although PennDOT is responsible for installing and maintaining most of the signs and pavement markings on state owned roads, we are not responsible for:

- Speed limit postings less than 40 MPH
- Stop signs on local roads
- Crosswalks, Stop Bars, and Legends
- Entrance and crossing related warning signs
 - School, Pedestrian, etc. crossings
 - Plant, Park, School, etc. Entrances

Certain businesses may qualify for signing under PA Tourism Signing Trust. Call us for more information.



TRAFFIC SIGNALS

PennDOT does not own, operate or maintain traffic signals. However, we:

- Issue permits for traffic signals and flashing devices
- Provide design assistance for local municipalities
- Respond to complaints/operational issues
 - Signal timing



TRAFFIC SIGNALS

There are 1,730 traffic signals and 360 flashing devices throughout the District. This includes 617 signals and 100 flashing devices in the City of Pittsburgh

- Improper signal timing contributes to delay, traffic congestion, pollution and excessive fuel consumption

Available programs

- Green Light Go: Pennsylvania's Municipal Signal Partnership Program
 - Application period begins in January
 - 20% Required Match
- Automated Red Light Enforcement (ARLE)
 - Application period begins in June
 - No Match Required



HIGHWAY OCCUPANCY PERMITS

Permitting storm water facilities on state roads

- Outside of a few exceptions, local government must be sole applicant or co-applicant with property owner looking to make subsurface drainage connections to highway drainage system.

E-permitting

- Online permitting system includes “Local Government Partner” role that can allow for local agencies to receive email notifications when driveway permit applications located within their jurisdictions are received or responded to by PennDOT.



CONSTRUCTION PROJECTS

JASON ZANG, P.E., ASSISTANT DISTRICT EXECUTIVE – CONSTRUCTION

JZANG@PA.GOV 412-429-5007

OVERVIEW

- 9 Assistant Construction Managers
- 11 Active Projects in Beaver County



OVERVIEW

- Assistant Construction Engineers and Managers



Elwood Balog, P.E.



Joe Wieseckel, P.E.



Lori Miles



Jeff Bentz



Steve Sneddon, P.E.



Bill Lester



Jim McKnight



John Myler



Doug Thompson, P.E.
Principal Assistant Construction Engineer



US 30 UPGRADE

- SR 30-B07
- Realignment *(with milling and resurfacing and concrete pavement rehabilitation)*
- SR 30 closed; detour until early October
- Late Fall 2022 completion



FREEDOM RD UPGRADE - PH C

- SR 2004-B06
- Relocation of Freedom Road and Roundabout at intersection of Freedom Road and SR 989
- Freedom Crider Road (Route 2004) closed to through traffic west of Route 989 for duration of project.
- Closure on SR 989 between Freedom Crider Road and Lovi Road (Route 2006) will continue until late September.
- Winter 2024 completion



BRODHEAD RD / FRANKFORT RD – ALLEGHENY CO LINE

- SR 3007-B06
- Project includes a new signal and left turn lane at SR 3012 (Center Grange Rd)
- 9.5 miles of paving
- Beaver/Allegheny County line to Katerina Drive (south of SR18-Center Twp)
- Hopewell and Center Townships, City of Aliquippa
- Single-lane daylight restrictions
- Drainage work ongoing; paving later this season and next.
- Fall 2023 completion



PARKS RD AND BENNETT RUN RD SLIDES

- Slide corrections
- **Parks Rd is open**
- Seeding today
- Late Fall 2022 completion



BEAVER COUNTY - PAVING

- GRP 112-22-7135-1
- SR 588-B23 (Briarcliff Road-Steffin Hill Road-Twenty-fourth Street)
– from SR 51 (Constitution Blvd) in Chippewa Township to Eleventh Avenue (CITY) in White Township
 - Drainage repairs underway.
 - Steffin Hill Rd Closed between 13th Ave. And 25th Street for 3 weeks starting September 6.
- SR 4025-B02 (Braden School Road) – from SR 51 (Constitution Blvd) to SR 588 (Darlington Road) in Chippewa Township
- Summer 2022 start
- Summer 2023 completion



2022 BEAVER COUNTY BASE REPAIR

- Various SRs
- Base repairs and pavement marking replacement
- SR 1028-B04 (Big Knob Road) – from SR 68 (Deer Lane) to SR 989 (Wallace City Road) in New Sewickley Township
- SR 2006-B06 (Lovi Road) – from SR 2018 (Freedom Crider Road) to SR 2004 (Freedom Crider Road) in New Sewickly Township
- SR 4028-TBD (Tuscarwas Road) – from SR168 (Fairview Road) in Ohio Borough to south of Yost Drive (T655) in Brighton Township
- Summer 2022 start
- Winter 2022 completion



MAINTENANCE CONTRACTS

- Geotechnical Maintenance 41
- Bridge Demand Maintenance 14
 - As-directed bridge/structure maintenance work in Allegheny, Beaver and Lawrence Counties
- Bridge Wash 2022
- Crack and Joint Sealing 2022



WEXFORD RUN ROAD OVER I-79

- SR 4053-A04
- Bridge Preservation Activities includes Latex Modified Concrete deck overlay
- Traffic detour until early October and short-term lane restrictions will occur on I-79 in each direction beneath the bridge during off-peak hours
- Mid-Fall 2022 completion



I-79 NEVILLE ISLAND BRIDGE

- I-79-A61
- Bridge Preservation, structure repairs and painting
- Long term closures of SR 65N left lane and the ramp S (to 65N) will be lifted on 6-16-22
- Current and upcoming MPT restrictions
 - Daily NB and/or SB lane restrictions 9-3
 - Overnight NB and/or SB lane restrictions 8 pm to 6 am
 - Weekend long lane restrictions NB and/or SB from 8 PM Friday to 6 AM Monday
 - **2 Remaining full closures of SB**
 - Detour exit SB at Glenfield to Kilbuck street, to 65 northbound to Sewickley Bridge to 51 SB to 79 southbound
- Summer 2023 completion



I-79, NEVILLE ISLAND TO I-279

- SR 79-A67
- Bridge rehabilitation and preservation, asphalt milling and resurfacing and new sign structures
 - Northbound crossover in effect until Nov 2022 for Phase 1 & Phase 2 MPT. (Phase 1 is construction of the left half of the bridges and Phase 2 is the right half)
 - Express and Local lanes to be removed this fall upon completion of both NB bridges and “normal” lane configurations resume over the winter
 - Next March 2023, southbound crossover will be in effect so that we can replace the same SB bridge decks during Phase 3 & Phase 4 MPT
 - Final paving in fall of 2023
- Early Spring 2024 completion



DESIGN DIVISION HIGHLIGHTS

DOUGLAS M. SEELEY, P.E., ASSISTANT DISTRICT EXECUTIVE – DESIGN

DSEELEY@PA.GOV 412-429-5005

KEY DISTRICT 11 DESIGN UNIT STAFF/CONTACTS



Dina Salemi, PE
Design Services Engineer



Zachary Kamnikar, PE
Contract Mgmt. & Consult.
Agreement Engineer



John Quatman
Transportation Planning
Manager



Stephanie Spang
District Planner



Michele Acitelli, PE
District Utility Manager



Jacqueline Evans, PE
Right of Way Administrator



Jeff Powell
District Property Manager



Shane Szalankiewicz, PE
District Bridge Engineer

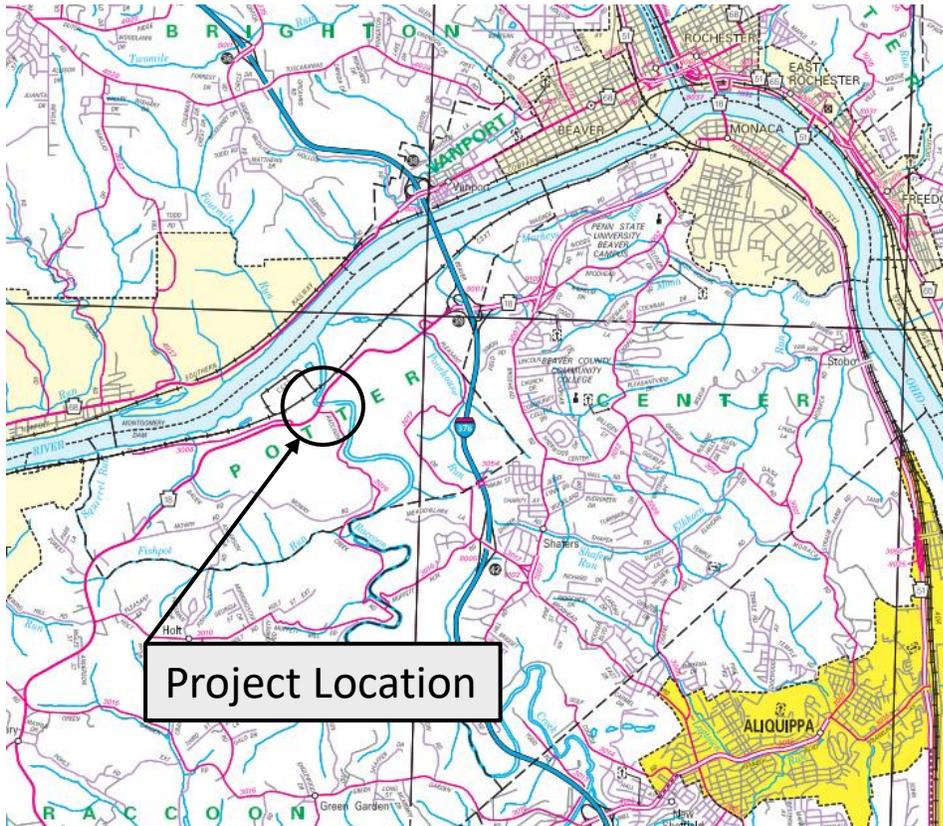


Randy Trutt-Jackson
Agreements Coordinator



S.R. 0018-B61 (FRANKFORT ROAD BRIDGE REPLACEMENT)

- Let Date: May 2023
- Limits of Work: S.R. 0018 over Raccoon Creek near Raccoon Creek Road
- Scope of Work: Bridge replacement on new alignment (downstream)



- Schedule: FD 2022/2023 and Construction in late 2023 through 2025 (approx.)
- Location: Potter Township, Beaver County
- Traffic Control: Existing bridge will be utilized during most of the construction and a detour will be required for roadway tie-ins



S.R. 0065-B34 (MERCER ROAD CULVERT)

- **Let Date:** December 8, 2022
- **Scope:** Replacement of an existing part masonry, part concrete culvert on S.R. 0065 (Mercer Road) with a Precast R.C. Box Culvert in Beaver County. Additional work includes approach roadway reconstruction work, guide rail replacement, drainage improvements, and other miscellaneous work.



- **Limits of Work:** Approx. 300' North & South from the intersection of S.R. 0065 (Mercer Road) and Foster / Bologne Valley Road
- **Municipalities:** North Sewickley Township
- *NOTE: This project is serving as a companion project to the S.R. 0065-B35 betterment project*

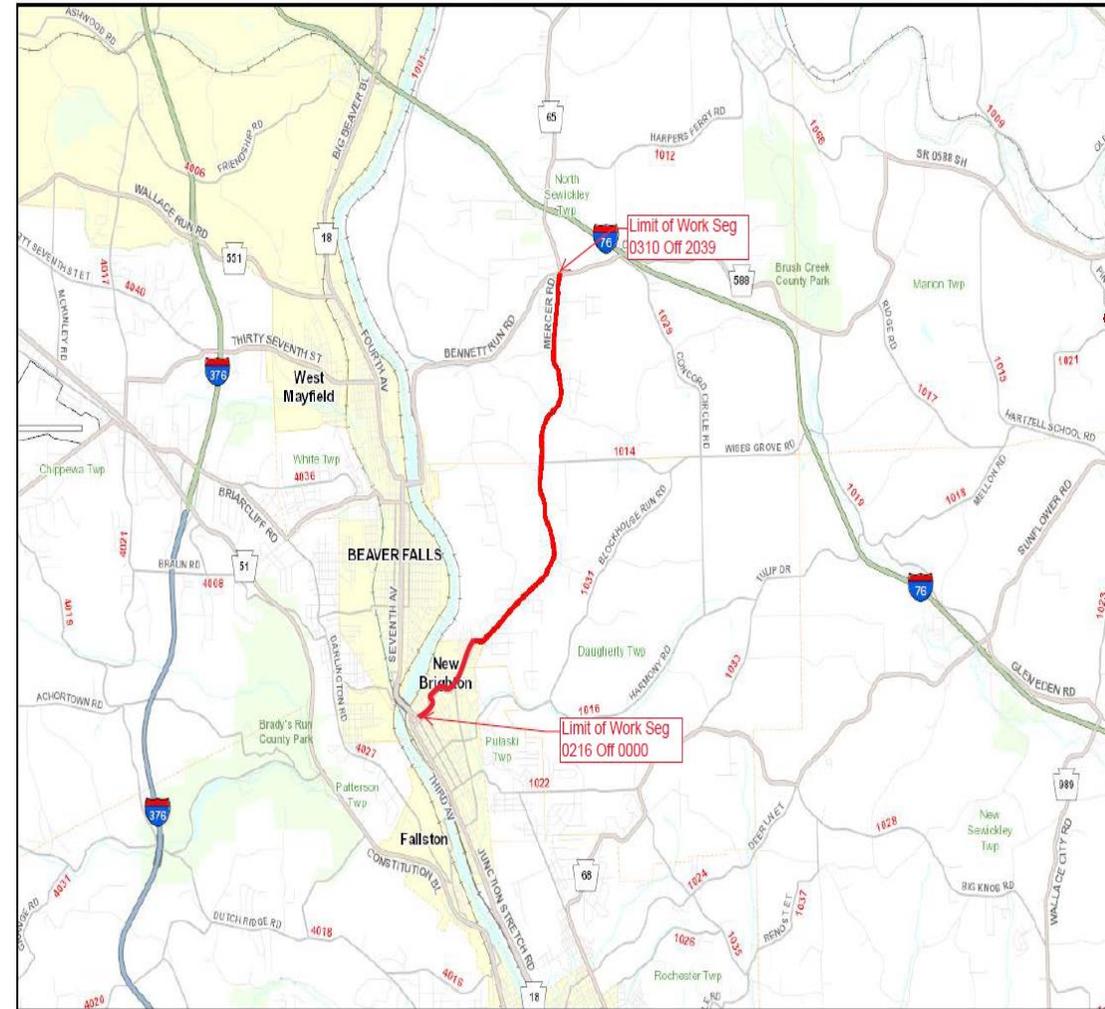


SR 65-B35 (MERCER ROAD BETTERMENT)

- Let Date: 12/8/2022
- Limits of Work: SR 65/SR 18 Intersection in New Brighton to SR 65/SR 588 Intersection in North Sewickley Township
- Scope: Full Depth reconstruction of roadway in New Brighton to remove failing brick base. Milling and resurfacing of 1 ½" depth asphalt for the travel lanes and shoulders in Daugherty and North Sewickley Townships. Other remaining scope items include update guide rail and end treatments to MASH standards, minor drainage improvements including inlet and pipe repairs/cleaning, update Department signs and pavement markings and delineation.
- Schedule: Notice to Proceed in Spring of 2023, one season paving job – structure work may continue into 2024
- Location: New Brighton Borough, Daugherty Township, North Sewickley Township



SR 65 Section B35 - Location Map



Limits of Work: Segment 0250 Offset 0000 to Segment 0310 Offset 2039



SR 1019-B03 (BRUSH CREEK RD)

- **Let Date:** 12/15/22
- **Limits of Work:** Between intersections with Kathleen Dr. and SR 588
- **Scope of Work:** Landslide repair with rock slope. Pavement will be reconstructed within slide limits.
- **Schedule:** Approximately 3 months
- **Location:** Marion Township
- Full closure and detour anticipated
- Advertised with SR 2006-B05.



SR 2006-B05 (LOVI ROAD)

- **Let Date:** 12/15/22
- **Limits of Work:** Between intersections with Davis Lane and Twin Creeks Lane
- **Scope of Work:** Landslide repair with rock slope and durahold wall. Pavement will be reconstructed within slide limits.
- **Schedule:** Approximately 3 months
- **Location:** New Sewickley Township
- Full closure and detour anticipated
- Advertised with SR 1019-B03



ANNUAL BRIDGE MAINTENANCE CONTRACT

- *Let Date: 3/16/2023*
- *Scope of Work:*
 - **On-demand maintenance of various Bridge and Structure types**
 - As-directed bridge/structure maintenance work in Allegheny, Beaver, and Lawrence Counties
 - **SR588-BXX Superstructure Replacement**
 - Concord Church Rd. over Barris Creek in North Sewickley Twp., Beaver County
 - Reinforced Concrete Slab Replacement and Substructure Repairs
 - **Other Sites TBD**

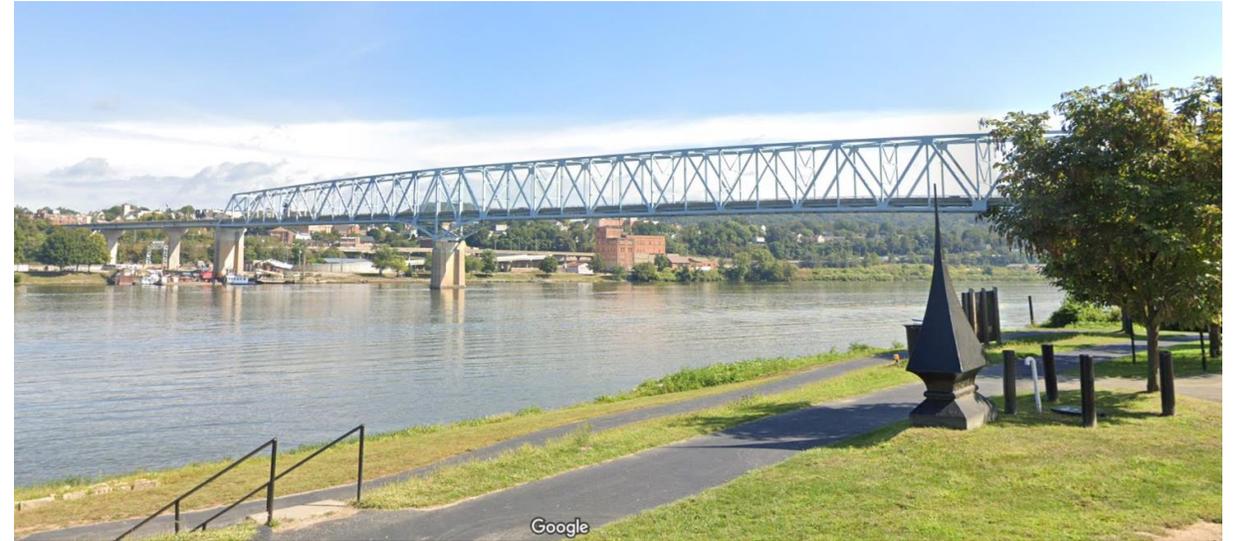
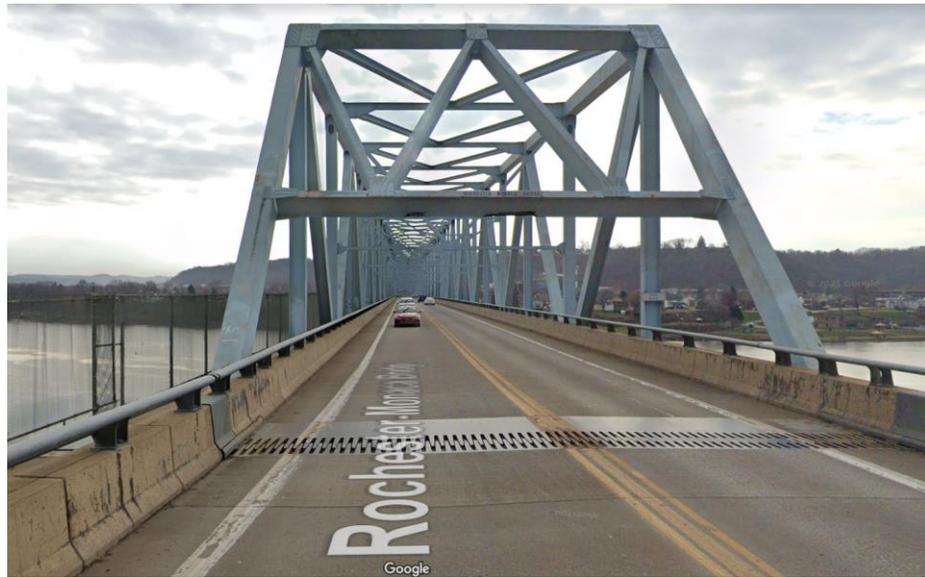


SR 18 B60 ROCHESTER-MONACA BRIDGE

SR 18 B60 Rochester-Monaca Bridge Preservation

Anticipated Let Date: March 2, 2023

Scope of Work: expansion joint replacement, concrete deck overlay, spot-painting at select locations, zone painting below expansion joints, sidewalk repair, barrier repair, downspout repair, substructure and steel repairs, and miscellaneous construction (e.g. signing, pavement markings, inspection platform repair, fencing repair, etc.).



Limits of Work: SR 18 from Atlantic Avenue to Pleasant Street

Municipalities: Boroughs of Rochester and Monaca, Beaver County

Estimated Construction Start Date: Summer 2023

Traffic Control: Accelerated closure and detour via East-Rochester Monaca Bridge



SR 0051 B52 (MONACA GATEWAY PROJECT)

- Let Date: 3/16/2023
- Scope: Project consists of construction of a roundabout at the intersection of Pennsylvania Avenue and 17th Street (SR 0051 and 4044), along with streetscape improvements (drainage, sidewalk, landscaping) at the roundabout and continuing along Pennsylvania Avenue continuing to 15th Street. Traffic control will involve detours of each leg of the intersection (not concurrently).



- Limits of Work: Pennsylvania Avenue from 15th Street to just south of 17th Street, and along 17th Street from Pennsylvania Avenue to Virginia Avenue
- Municipalities: Monaca Borough
- Schedule: Spring 2023 through Late 2024



2023 MAINT. GROUP PROJECTS

- PAVING PROJECTS:
 - BEAVER COUNTY:
 - GROUP PROJECT #112-23-7135-1

2023 BEAVER CO. GROUP PROJECT

- **Group Project #112-23-7135-1:**

- SR 4018-B04 (Park Road-Dutch Ridge Road-Market Street) – from SR 4012 (Bradys Run Road) in Brighton Township to SR 0068 (Third Street) in Beaver Borough
- SR 4020-B02 (Dutch Ridge Road) – from SR 4028 (Tuscarawas Road) Brighton Township to SR 4018 (Park Road) in Brighton Township
- Scope of work = mill & resurface, base repairs, drainage repairs, guide rail and pavement marking improvements
- Let date = December 8, 2022
- Anticipated cost = \$5.1M



MUNICIPAL SERVICES UNIT



WHAT ARE LIQUID FUELS?

- The Commonwealth provides dedicated funding to Local Governments for eligible expenditures that results in improvement to the local roadways and bridges that they are legally responsible to maintain.
- Municipal funding is dedicated through a portion of the Oil Franchise Tax collected and is based on 50% population and 50% municipal roadway mileage.
- County funding is dedicated through 4.17% of a millage rate as set by Act 89 of 2013.



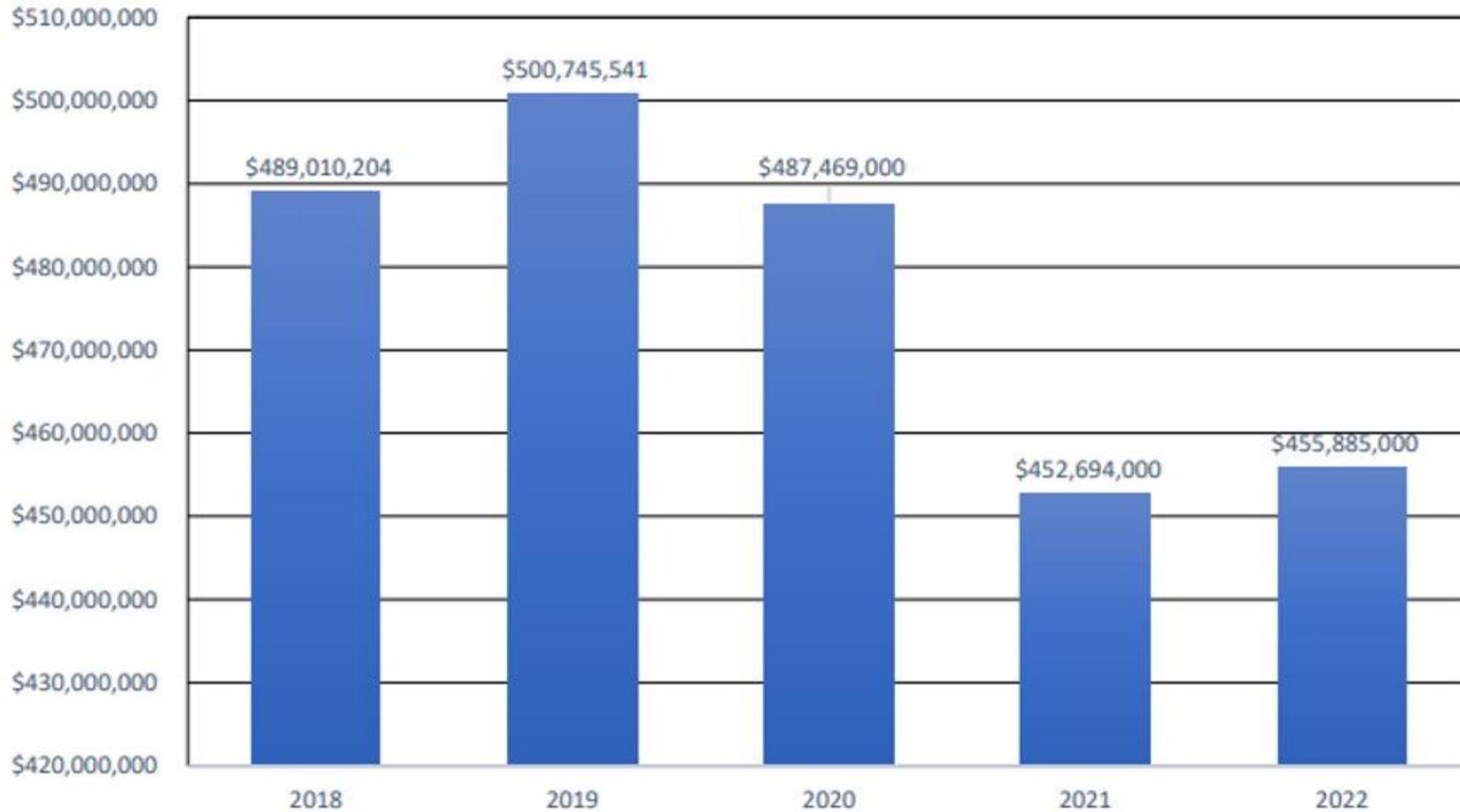
FUNDING AND PARTNERSHIP

- District 11-0 has 208 Municipalities and 3 Counties which are responsible for approximately 6,000 miles of local roadways and 560 local bridges.
- Payment for Municipalities is once a year, on or about March 1st. Over \$61M in 2022.
- Payment for Counties is twice per year. June and December. Over \$3.9M Est. for 2022.



LIQUID FUELS ALLOCATION HISTORY

Municipal Liquid Fuels 5 Year History



STAY COMPLIANT – REMAIN CERTIFIED!

- It is extremely important that the County and Local Governments handle this funding source properly as they are subject to audit by the Department of the Auditor General.
- The District's Municipal Services Unit Can provide Local Officials with the information necessary for the proper administration of their Liquid Fuels Tax Funding. If you have a question...please ask!
- Additional guidance reference Pub 9.

<https://www.dot.state.pa.us/public/PubsForms/Publications/Pub%209.pdf>



ASSISTANCE IN THE AREAS OF:

- Road Inventory – Certification for Payment
- Project Delivery – Technical Assistance
- Project Approvals
- County Aid Projects
- Approved Materials
- Additional Mileage
- Eligible Expenditures of Funding
- Point of Contact for PennDOT Questions - Programs
- Resolution of Audit Issues
- Interpretation of Codes, Standards and Specifications
- Troubleshooting State/Local Roadway Issues
- Mediation and Problem-solving



MUNICIPAL SERVICES UNIT CONTACTS

- **Barry DeAngelis- Municipal Services Supervisor**

- Phone: 412-429-4813 Email: badeangeli@pa.gov



- **Tony Ryan- Municipal Services Specialist**

- Phone: 412-429-4812 Email: antryan@pa.gov



- **Tim Tagmyer- Municipal Services Specialist**

- Phone: 412-429-4809 Email: ttagmyer@pa.gov



Liquid Fuel Financial Consultants

- **Mary Ammann (Beaver and Lawrence)**

- Phone: 814-883-3631 Email: mammann@pa.gov

- **John Weaver (Allegheny)**

- Phone: 724-989-8110 Email: johnweav@pa.gov



QUESTIONS?

