

PennDOT District 11



Lawrence County Community Outreach

April 11, 2019

Agenda

- Budget Update & District Overview
- Customer Service & Roadside Beautification
- 2019 County Maintenance Activities
- Traffic Engineering & Operations Unit
- 2019 Construction Projects
- 2019-2021 Projects in Design & P3 Bridges Update
- PennDOT Connects
- Liquid Fuels Distributions

District 11-0 Engineering Office



Cheryl Moon-Sirianni, P.E.
District Executive
412-429-5001

District 11



PennDOT District 11-0

	Allegheny	Beaver	Lawrence	Totals
Miles of Roadway	1,484	668	417	2,569
Bridges	1,182	338	277	1,797
Tunnels	4	0	0	4
Stockpiles	16	9	6	31
Snow Lane Miles	3668	1,436	911	6,015
Winter Agreements Miles	1533	172	109	1,814

PennDOT District 11-0 Budget

- Budget **\$518 Million** (SFY 18-19)
 - \$211 Million State funds
 - \$307 Million Federal funds
- Budget Breakdown
 - \$132 Million Maintenance
 - \$27 Million Maintenance (Expanded)
 - \$242 Million Capital Highway
 - \$75 Million Capital Bridge
 - \$42 Million Local

Lawrence County Maintenance - **\$11 Million**

District Office Maintenance - **\$7.4 Million**

Our Strategic Themes

- Open, Proactive Communications
- Sustainable Policy-Based Investments & Infrastructure Investments
- Safety at all levels
- Innovative, Smart and Diverse Organization
- Effective Partnerships



2018 In Review

- 176 projects for construction payouts totaling **\$319.8M**
- Let a total of **8 Group Projects in 2018**: 5 in Allegheny County (including 1 Longitudinal Joint Repair), 1 in Beaver County, and 2 in Lawrence County (including 1 Longitudinal Joint Repair)
- 53 projects finalized

2018 In Review

- **Highlights:**

- Liberty Bridge
- SR 376 Southern Expressway
- SR 28
- SR 376 Emergency Paving and Dam Contract
- Forbes Avenue
- SR 837
- SR 488 Bridge
- Vanport Bridge
- SR 30

ACCOMPLISHMENTS

ACT 89



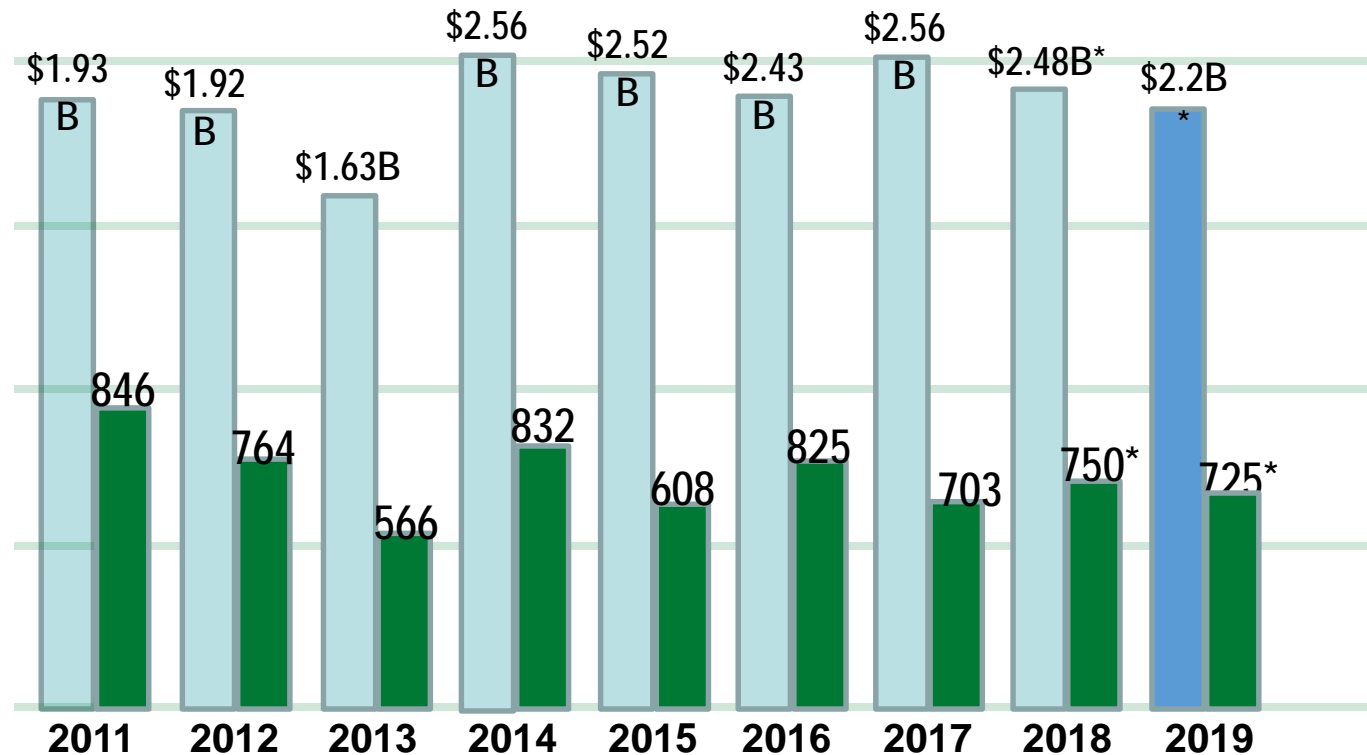
Road & Bridge Progress >>

Statewide	Total Projects 9522		Total Cost \$34,281,883,528
+ Completed	2760	29%	\$6,190,968,393
+ Underway	745	8%	\$6,081,893,155
+ Four Year	1767	19%	\$13,250,484,342
+ Twelve Year	2584	27%	\$4,565,946,765
+ Under Development	1111	12%	\$4,192,590,873
+ Rapid Bridge Replacement	555	5%	

www.projects.penndot.gov

PROJECT LETTING TRENDS

■ Dollars: Billions
■ # of Projects
* Projected





Pennsylvania's Interstate System

Annual Funding Need*

\$460M

- Current Interstate Funding
- Safety Projects

\$1.2B

- Safety & Cyclic Asset Based Need
- Maintain existing highway and bridges

\$1.5 - \$3B

- Address Safety and Reconstruction
- Needs Modernization
- Strategic Investments

*Needs are based on current dollars,
unadjusted for inflation

Pennsylvania's National Highway System (non interstate)

Annual Funding Need*

\$742M

- Current NHS Funding
- Safety Projects

\$2.2B

- Safety & Cyclic Asset Based Need
- Maintain existing highway and bridges

\$2.5B

- Strategic Investments
- Safety Projects

*Needs are based on current dollars, unadjusted for inflation

District 11 Road and Bridge Needs

Unfunded Roads and Bridges Needs over next 4 Years (2019-2022)

Interstate		NHS		ADT > 2000		ADT < 2000		Totals	
Miles	Dollars	Miles	Dollars	Miles	Dollars	Miles	Dollars	Miles	Dollars
222	\$235,536,000	702	\$54,949,105	900	\$68,975,795	740	\$58,924,790	2564	\$418,385,690
Bridges	Dollars	Bridges	Dollars	Bridges	Dollars	Bridges	Dollars	Bridges	Dollars
62	\$197,015,000	33	\$220,412,628	30	\$48,773,115	28	\$29,326,855	153	\$495,527,598



**Deck area of unfunded bridges is 28% of our total NHS deck area. (4.6% of state's total NHS deck area)



Interstate (Roadway and Bridge) Project Costs

TIP Cycle	Project Costs	Maintenance Costs	Total
2019	\$432,551,000	\$10,000,000	\$442,551,000
2023	\$650,000,000	\$30,000,000	\$680,000,000

20/20 Strategic Directives

Top 3 Challenges for 2019 Goal Statements

Recruitment and Retention Strategies

To establish an effective and stable workforce, PennDOT must create a strategy to strengthen our recruitment of new employees (especially in certain job classifications) and focus on methods to retain our current workforce.

Resiliency

The effects of unforeseen hazardous events and natural disasters on the state transportation system can have significant impact on Pennsylvania communities, budgets, and the commonwealth's overall economy.

The Future Role of PennDOT in Energy and Environmental Issues

Advancing low-carbon transportation solutions in order to avoid dangerous impacts to public health, infrastructure, and the environment.



A Day in the life of District 11

September 10, 2018

➤ Flooding Events of July 2, 2018 & Sept. 10, 2018

Summary of Costs Associated with Events on 7/2 and 9/10		
Department Force		
Various Cleanup Efforts		\$ 65,000
Bathtub - DF		\$ 70,000
Bathtub - Contractor		\$ 80,000
Geotech Contractor		
Glass Run Road	Wall Failure Repair	\$ 55,000
Peoples/Babcock Road	Repair	\$ 180,000
Peoples/Babcock Road	Culvert Replacement	\$ 5,000,000
Stewart Avenue/SR 51	Culvert Replacement	\$ 900,000
SR 51	Erosion Repair	\$ 10,000
Banksville Interchange	Landslide Repair	\$ 35,000
SR 48 Mossydale Boulevard	Landslide Repair	\$ 100,000
SR 30 - Beaver County	Landslide Repair	\$ 25,000
Additional Damages		
SR 4011 Achortown Road	Landslide	\$ 1,000,000
	Total	\$ 7,460,000

It costs District 11 approximately \$150,000 in just clean-up costs (Department force & Contractors) each time the Bathtub floods

Landslide Status and Funding Needs

- District 11 gets roughly 30 – 40 significant new slides per year
- 75% of slides are drainage related
- Repair about 20 slides per year
- Current slide funding = \$6M/year
- Funding only keeps the number of active sites at 80-90
- Currently have 93 slides
- Projected Current Need = **\$64.3M**

District Challenges - Landslides

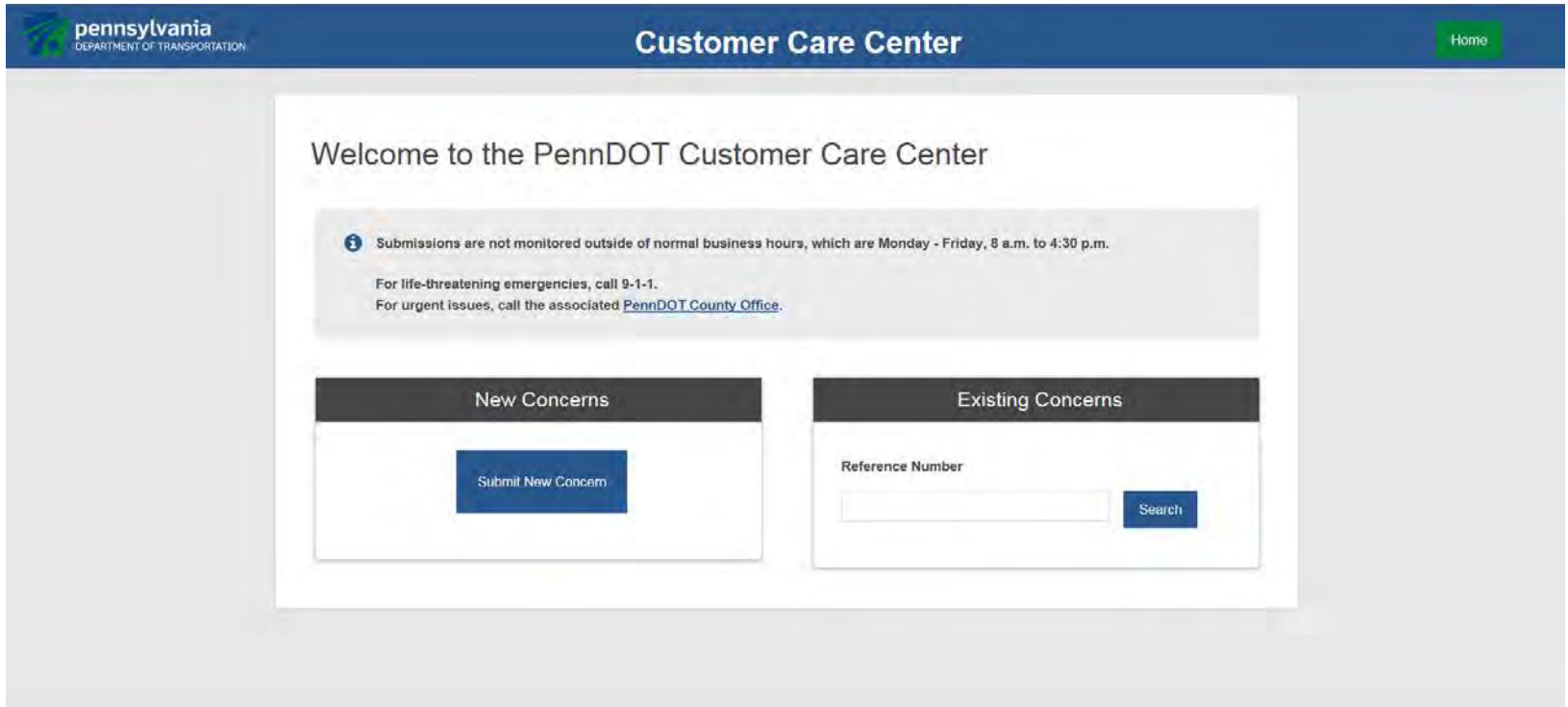


District 11-0 Engineering Office

Joel Morris
Community Relations Coordinator
412-429-5011



Customer Service



The screenshot shows the PennDOT Customer Care Center website. At the top, there is a blue header with the Pennsylvania Department of Transportation logo on the left, the text "Customer Care Center" in the center, and a green "Home" button on the right. Below the header, the main content area has a light gray background. A white box in the center contains the text "Welcome to the PennDOT Customer Care Center". Below this, a gray box with an information icon contains the text: "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](#)." Below this, there are two white boxes with dark gray headers. The left box is titled "New Concerns" and contains a blue button labeled "Submit New Concern". The right box is titled "Existing Concerns" and contains a "Reference Number" label, a text input field, and a blue "Search" button.

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Customer Care Center

Home

Welcome to the PennDOT Customer Care Center

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](#).

New Concerns

Submit New Concern

Existing Concerns

Reference Number

Search

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

1-800-FIX-ROAD

Roadside Beautification



Adopt-A-Highway

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

Adopt and Beautify

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

Sponsor-A-Highway

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

Great American Cleanup of PA

(March 1 – May 31st)

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

Maintenance Division

Angelo Pampena
Assistant District Executive
412-429-5002




Drainage

- **Cities and Boroughs** – PennDOT Maintenance responsibility is the area within curblines and includes inlet grates in roadway surface between curblines, **excludes** inlets below grates and crosspipes unless PennDOT has assumed maintenance responsibility by agreement.
- **Townships** – Typically PennDOT Maintenance responsibility is the entire area within right-of-way lines. Includes inlets and crosspipes, excludes storm and sanitary sewers, excludes curbing and sidewalks.

Agility

Agility Agreement

MS-1 (6-13)

 **AGILITY AGREEMENT**

Effective Date: _____ Agreement Number: _____
(Department will insert) 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. §§ 67.101-67.104, 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 8-K-1532, attached as Attachment D and made a part of this Agreement. As used in this Agreement, the term "Contractor" refers to the PARTNER.

- 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		
	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		
	TOTALS:				\$0.00		

Accepting:

Signature, PennDOT _____ Title _____ Date _____

Signature, Partner _____ Title _____ Date _____

Signature, APSCME _____ 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



Lawrence County Maintenance

Dave Harding

Lawrence County Maintenance Manager

724-656-3104

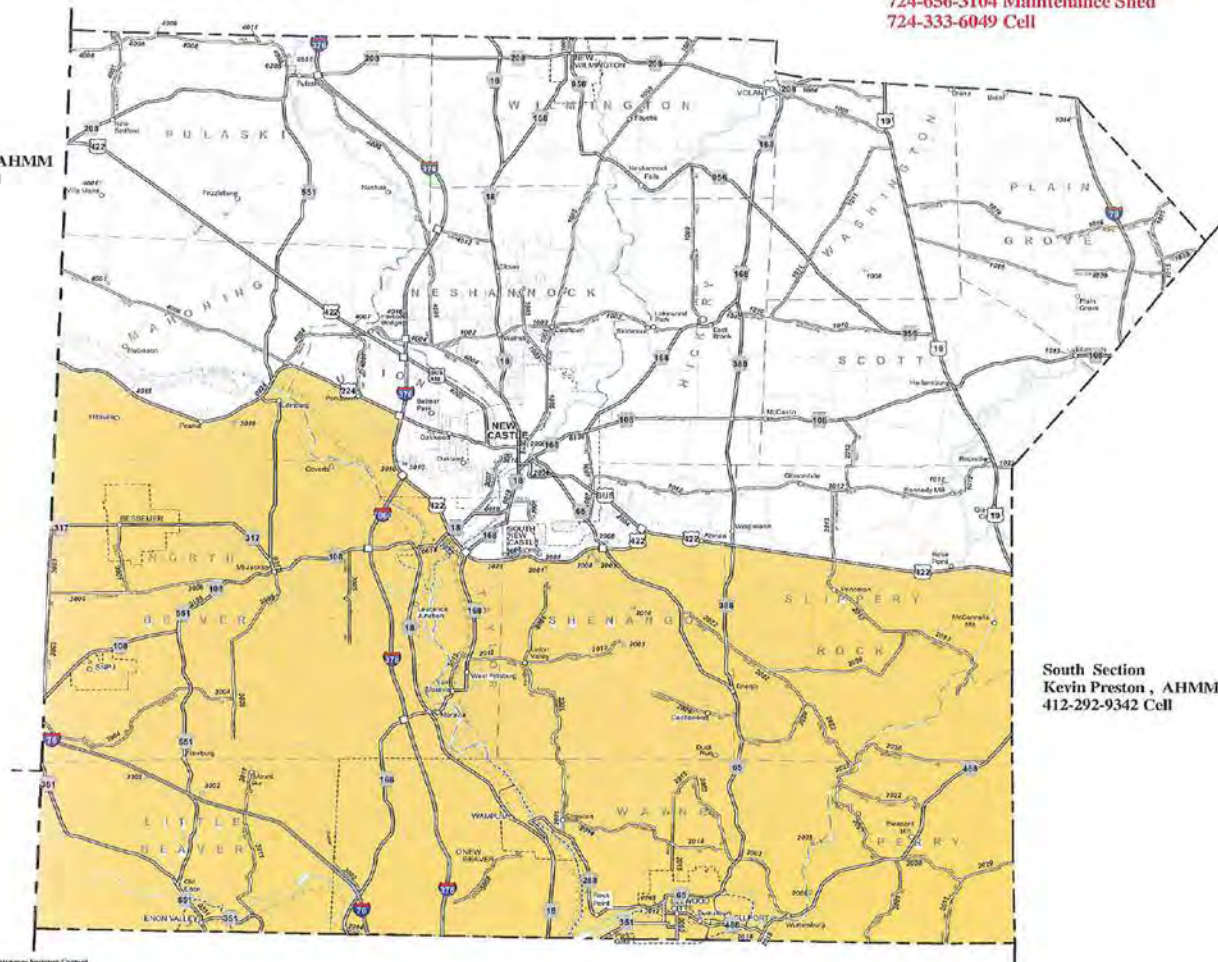


Lawrence County Management

LAWRENCE COUNTY Summer Maintenance Sections

Lawrence County Maintenance Manager,
Dave Harding
724-656-3104 Maintenance Shed
724-333-6049 Cell

North Section
Michael Horrell, AHMM
724-333-6047 Cell

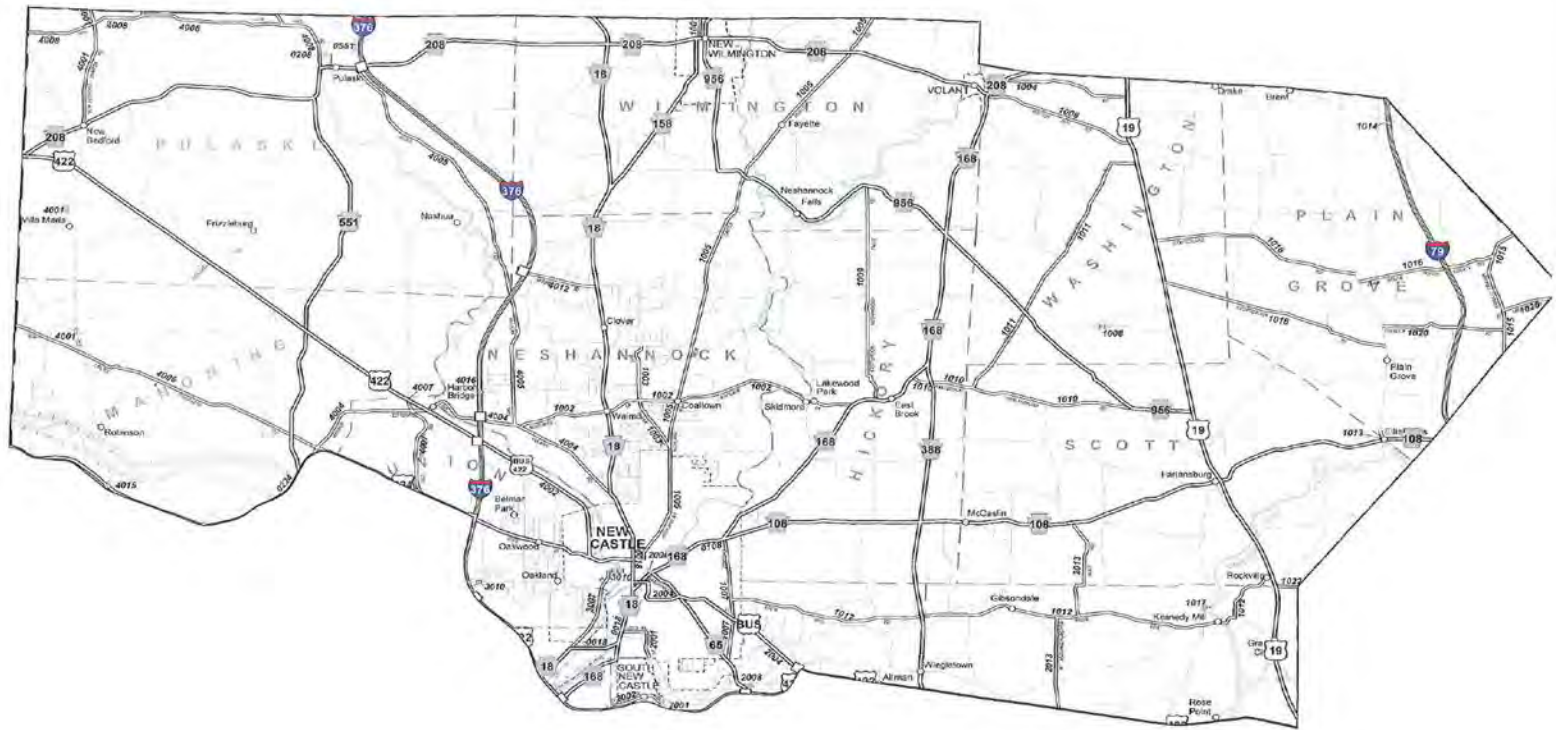


South Section
Kevin Preston, AHMM
412-292-9342 Cell

Lawrence County North Section

Lawrence County , North Section

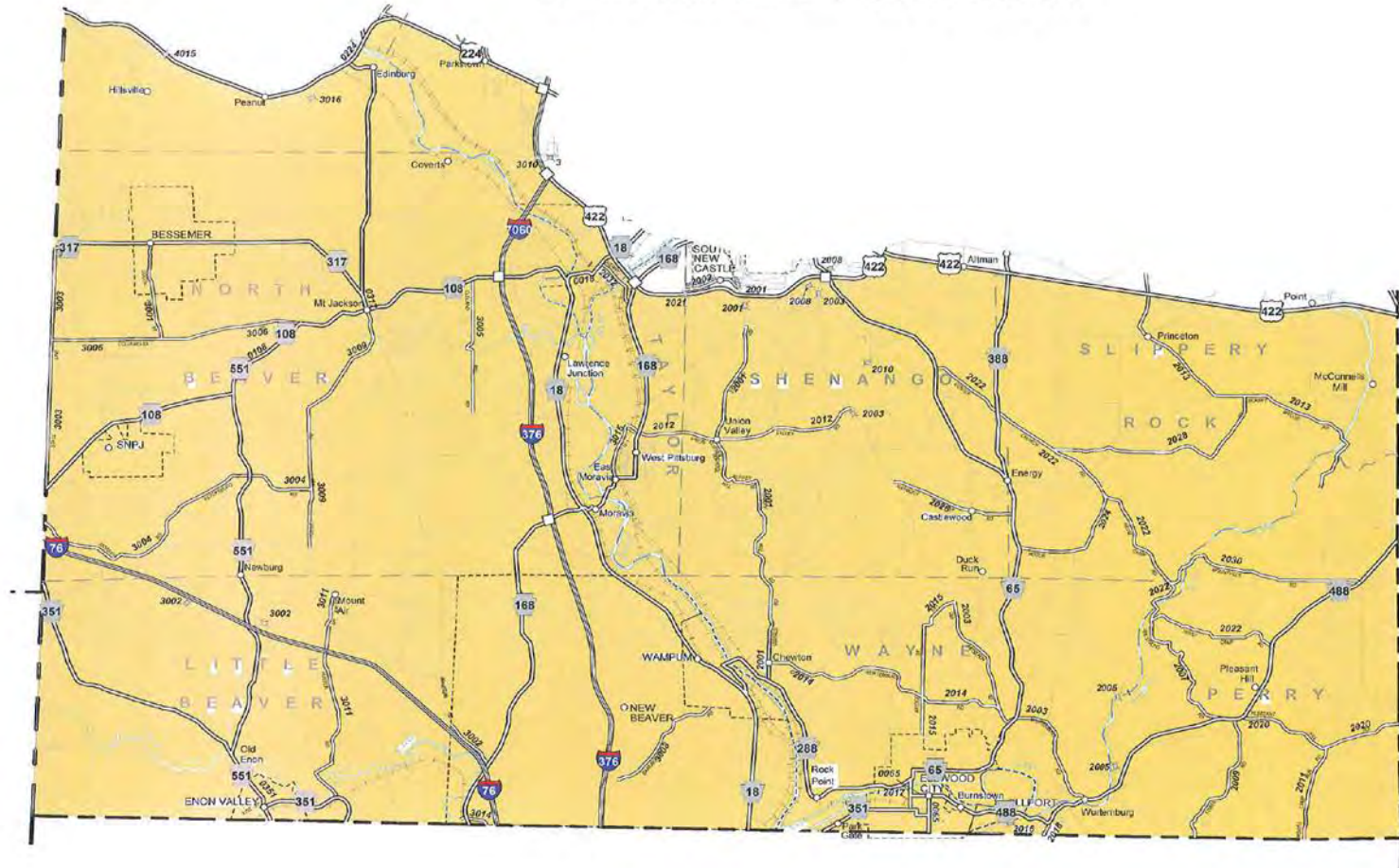
Michael Horrell, AHMM , 724-333-6047 Cell



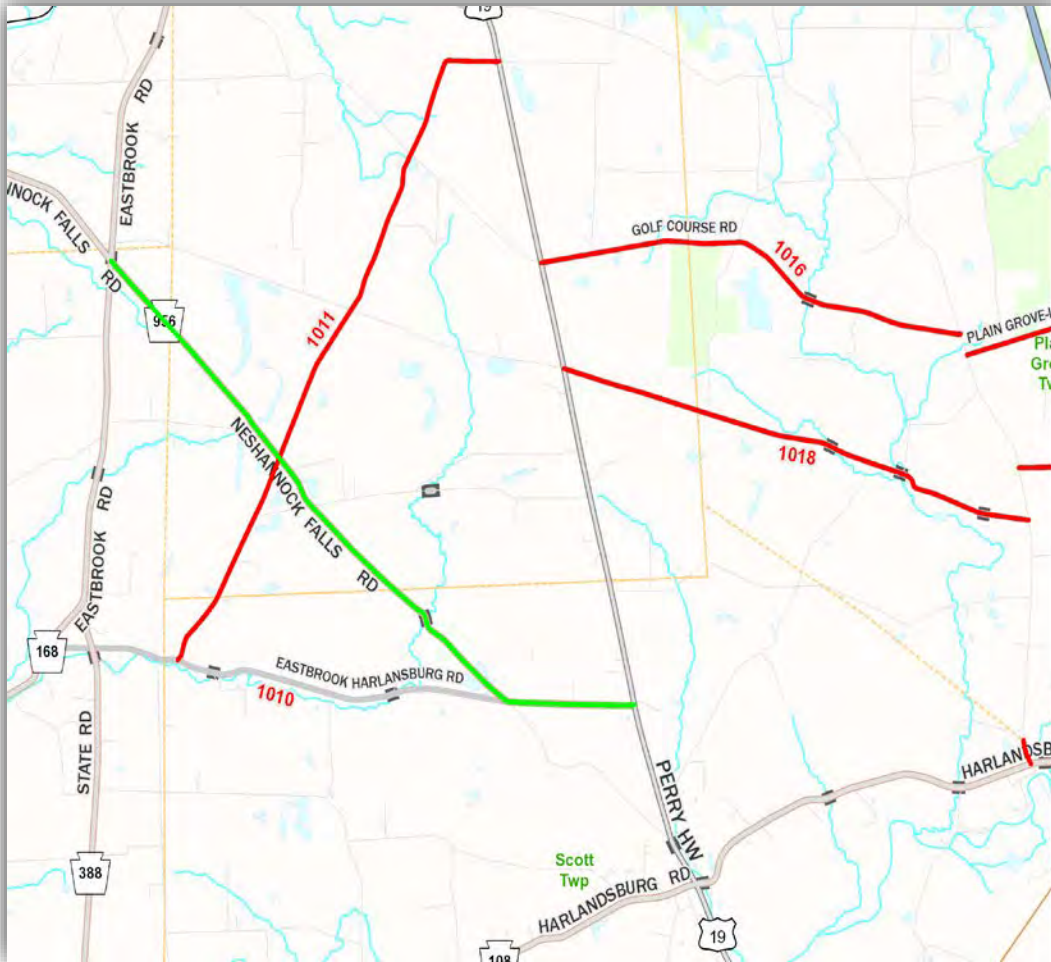
Lawrence County South Section

Lawrence County , South Section

Kevin Preston, AHMM, 412-292-9342 Cell



Seal Coat 2019



Seal Coat SR's

SR 0956	Neshannock Falls Rd
SR 1011	George Washington
SR 1013	Plain Grove Rd
SR 1016	Golf Course Rd
SR 1018	Georgetown Rd
SR 1020	Pollock Store Rd
SR 1022	Country View Rd
SR 2009	North Tower Rd
SR 2024	Hogue Rd

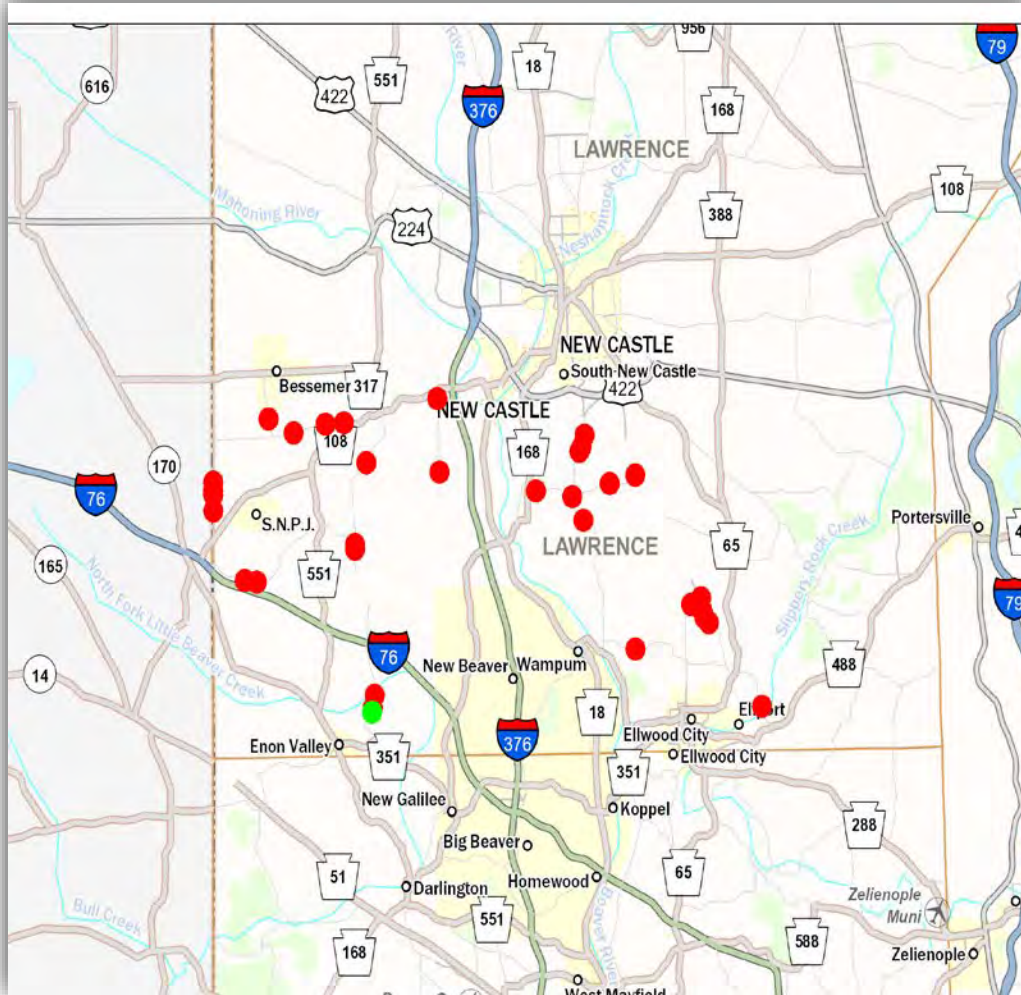
Base Repair 2019



Base Repair

SR 0208	2,562 tons
SR 0351	751 tons
SR 0551	1,973 tons
SR 4001	810 tons
SR 4004	2,470 tons
SR 4006	1,900 tons
SR 4007	385 tons
SR 9001	80 tons

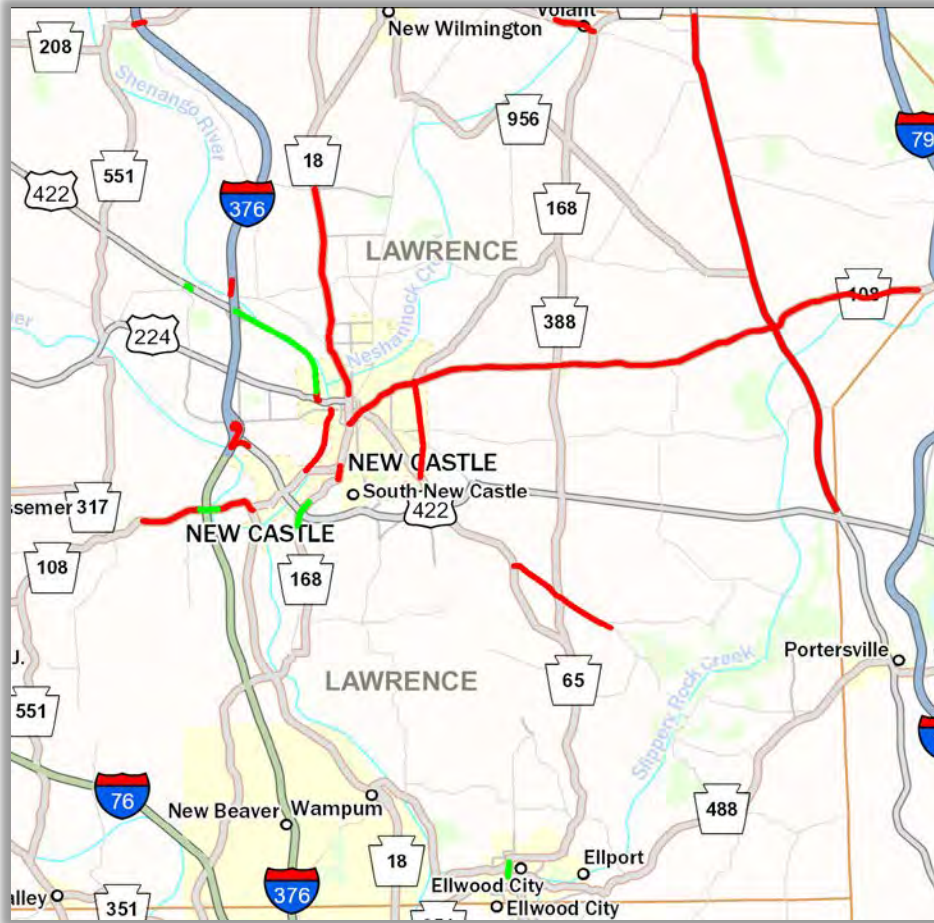
Pipe Replacement 2019



Pipe Replacement

SR 2001	280'
SR 2003	200'
SR 2012	120'
SR 2014	40'
SR 2015	40'
SR 3001	40'
SR 3003	160'
SR 3004	90'
SR 3005	90'
SR 3006	120'
SR 3009	160'
SR 3011	160'

Crack Sealing 2019



Crack Sealing

SR 0018	10.0 LM
SR 0019	21.2 LM
SR 0108	28.7 LM
SR 0168	0.6 LM
SR 0208	2.6 LM
SR 0224	21.2 LM
SR 1007	4.0 LM
SR 2022	4.3 LM
SR 3007	2.8 LM
SR 4002	1.5 LM
SR 8006/12	1.1 LM

Shoulder Cutting 2019



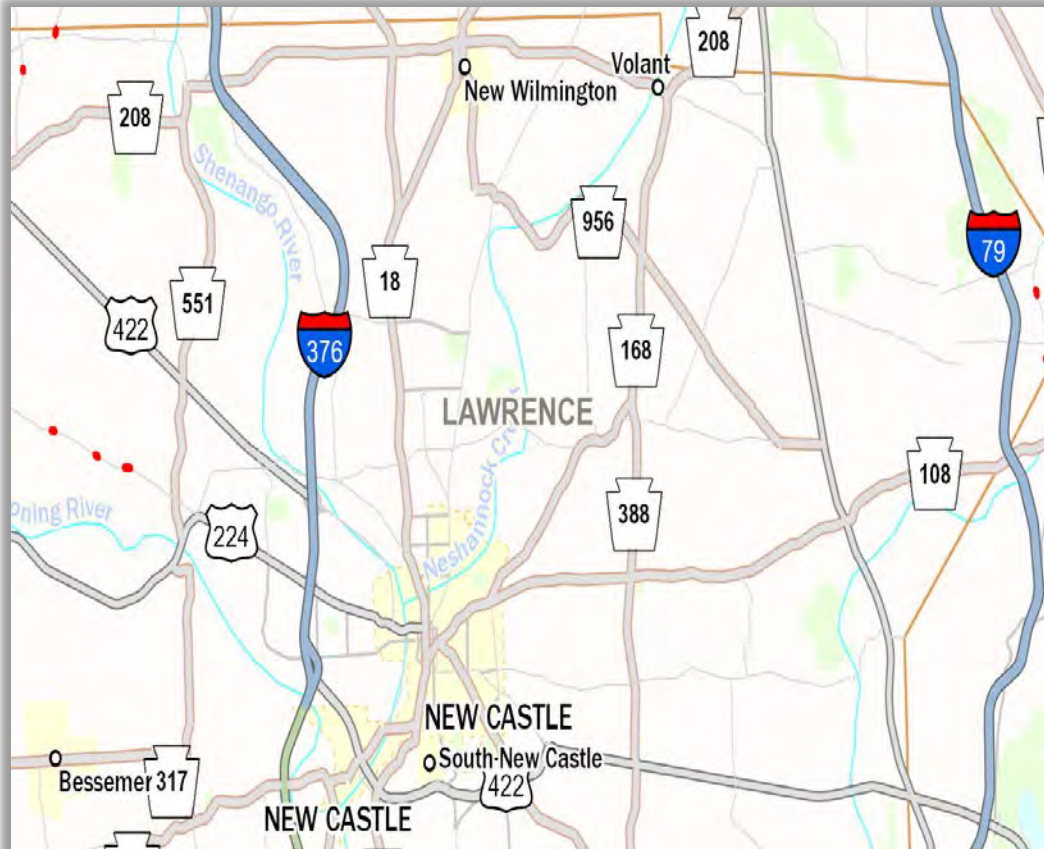
Shoulder Cutting	
SR 0018	18.5 miles
SR 0108	12.3 miles
SR 0168	11.1 miles
SR 0288	9.5 miles
SR 0317	7.0 miles
SR 0351	11.1 miles
I-376	4.4 miles
SR 0422	20.4 miles
SR 0551	19.1 miles
SR's 2001/2/3	21.8 miles
SR's 2012/14/15/26	21.7 miles
SR's 3001/2/3/4/5/6/7 /8/9/11/14/15	53.9 miles
SR's 8012/14/16	4.63 miles

Side Dozing 2019

Side Dozing

SR 0018	15,626'
SR 0108	1,929'
SR 0168	6,041'
SR 0288	12,709'
SR 0318	2,270'
SR 0351	4,551'
SR 0551	3,337'
SR 2014	1,321'
SR 3001	179'
SR 3004	2,125'
SR 3005	751'
SR 3007	754'
SR 3009	1,129'
SR 3011	388'
SR 3014	616'

Mechanical Patches 2019



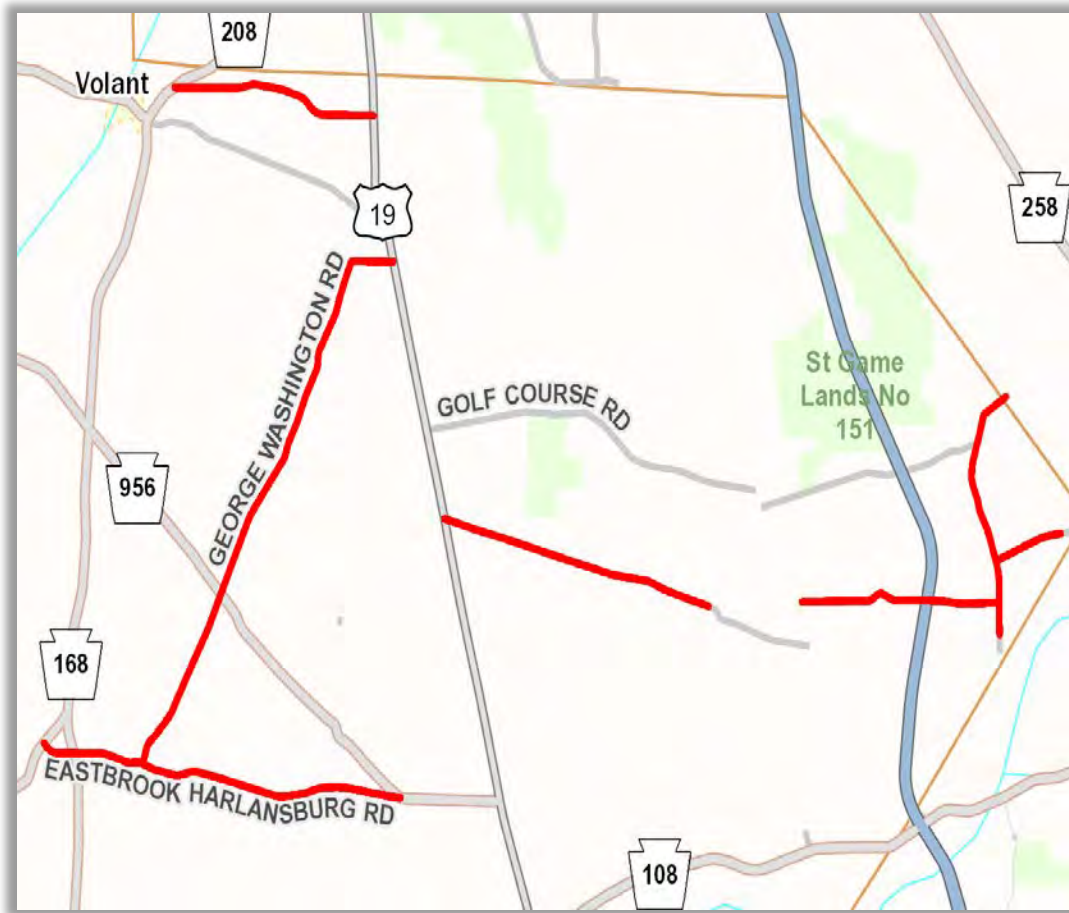
Mechanical Patching

SR 1015 Moore's Corner	210 tons
SR 4001 Bedford- Sharon Road	75 tons
SR 4006 Sky Hill Road	457 tons
SR 4009 Bedford Road	165 tons
SR 956	703 tons



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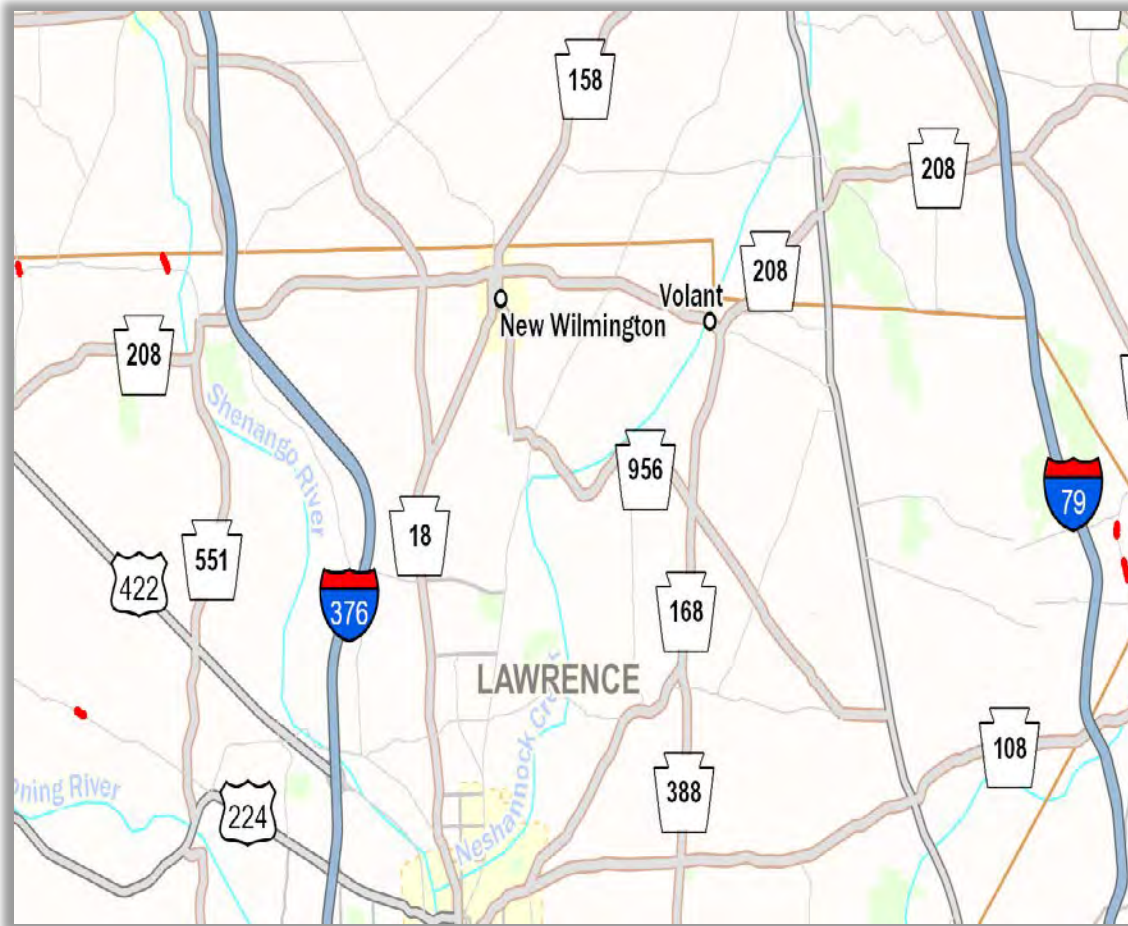
Edge Leveling 2019



Edge Leveling

SR 1004	428 tons
SR 1010	884 tons
SR 1011	1,233 tons
SR 1015	540 tons
SR 1018	430 tons
SR 1020	645 tons

Paving 2019



Paving

SR 1012 Frew Mill Rd.	250 tons
SR 1015 Moore's Corner Road	801 tons
SR 4001 Sharon- Bedford Road	195 tons
SR 4006 Sky Hill Rd.	288 tons
SR 4011 Oak Hill Rd.	446 tons

Sign Crew Work 2019

- Lawrence County is on cycle with the 18-year-and-older Sign Replacement program.
- Lawrence County is responsible for 16,000 signs throughout the County.
- Currently we have 540 signs that are going to be out of cycle this year.
- All signs will be upgraded before the end of the year.

Paint the Plow Program

- Several Lawrence County high schools participated in the District's "Paint the Plow" contest.
- The competing schools were asked to paint the plows with a winter safety theme. Last year's theme was be a hero when below zero.
- The judging categories:
 - The Judges' Pick category was decided by a panel of judges, constructed of PennDOT supervisors and community leaders.
 - The Facebook Fan Favorite category consisted of posting the photos of each plow on the PennDOT Facebook page, and allowing the public to "vote". The school with the most "Likes" on their photo won.
- The program built great moral among employees and the communities we serve.

Paint the Plow Program

School participation has declined steadily each year. This past year Beaver and Lawrence had to combine the competition due to lack of participation.

School Participation 2016-2018		
2016	2017	2018
7	5	3

At this rate, the 2019/20 competition is projected to have 1-2 Lawrence County schools participate.

Paint the Plow

- **Challenges We Face:**

- Budget – Cannot help pay for supplies
- School Responses – Press Office contacts schools via email, phone and letter with 70% of the schools not responding yes or no.
- Timing – We ask the schools to commit in the spring but cannot get the plows to them until August when school starts – schools fall off over the summer

- **Challenges for Participating Schools:**

- Budget – Schools must pay for supplies
- Reward – No tangible reward for the winning school
- Timing – Must take place at the beginning of the school year

Paint the Plow Winter 2018/19



Surface Improvement Plans

☐ Group Jobs

- 2020:
 - SR 208 from Wilsons Camper Sales to Beagle Club Drive and from the intersection of SR 208 and SR 168 to the county line
- 2021
 - SR 351 and SR 2017 in Ellwood City

☐ Secondary Road Money

- 2021
 - SR 351 from the Ohio Line to the Beaver County Line

☐ Low Volume Road Funding

- 2020
 - SR 1006 Potter Run Road
 - SR 1004 Shaw Road
 - SR 1010 Eastbrook Harlansburg Road

Lawrence County Contact Information

David Harding Jr.

County Maintenance Manager

Kevin Preston

Assistant County Maintenance Manager

Michael Horrell

Assistant County Maintenance Manager

Office

724-656-3104

Fax

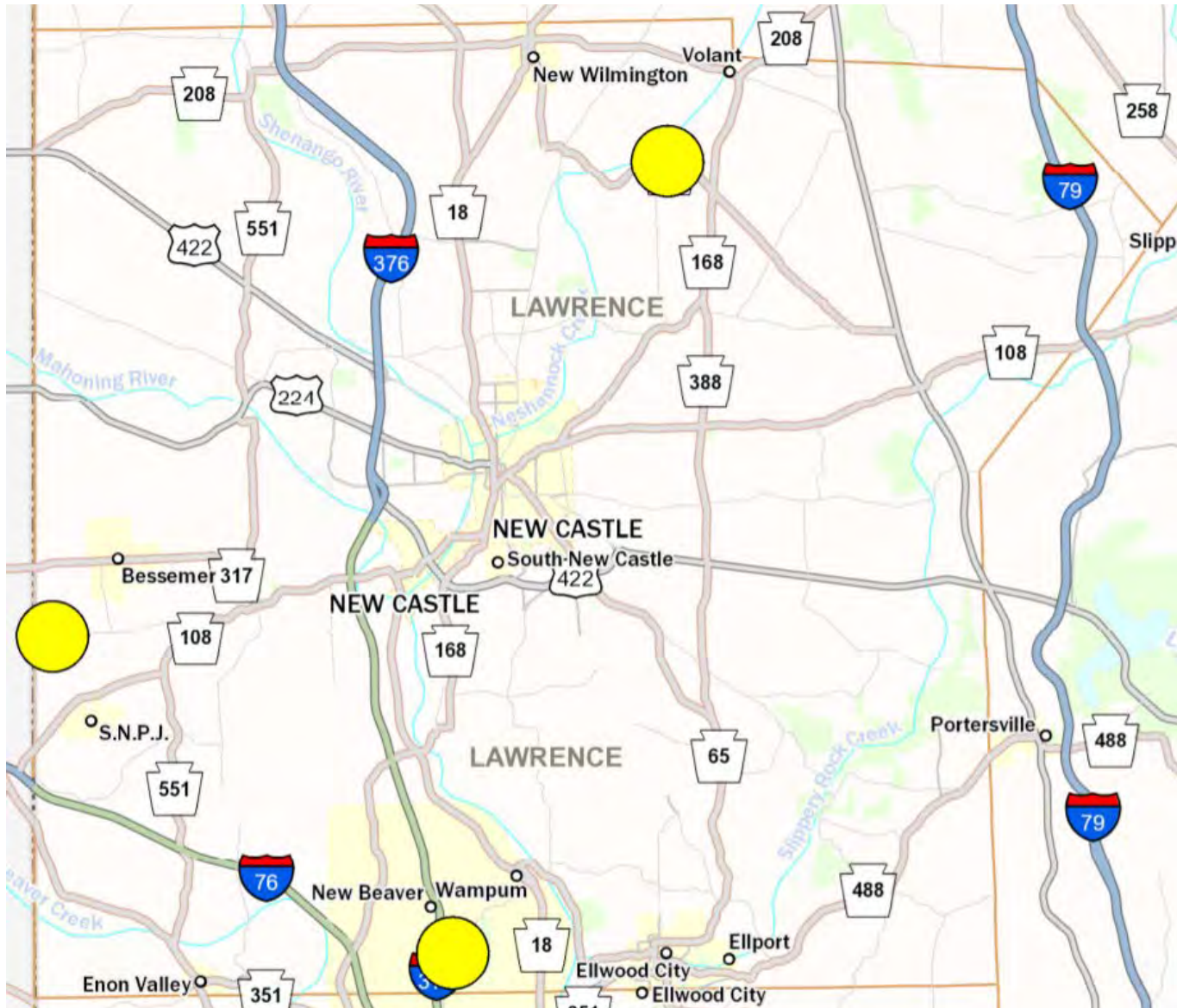
724-656-3339

Bridge Maintenance Crews

Michael Adams, P.E.
Maintenance Operations Engineer
412-429-3813

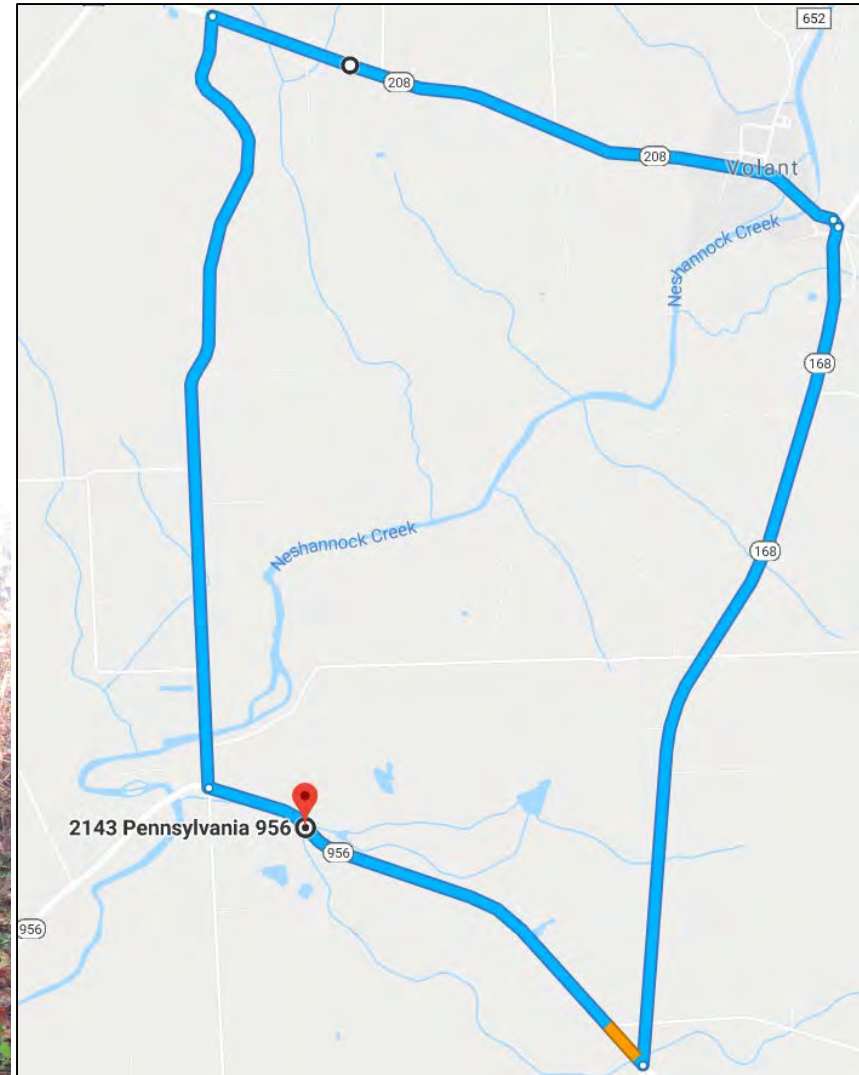


2019-2020 Bridge Work Locations



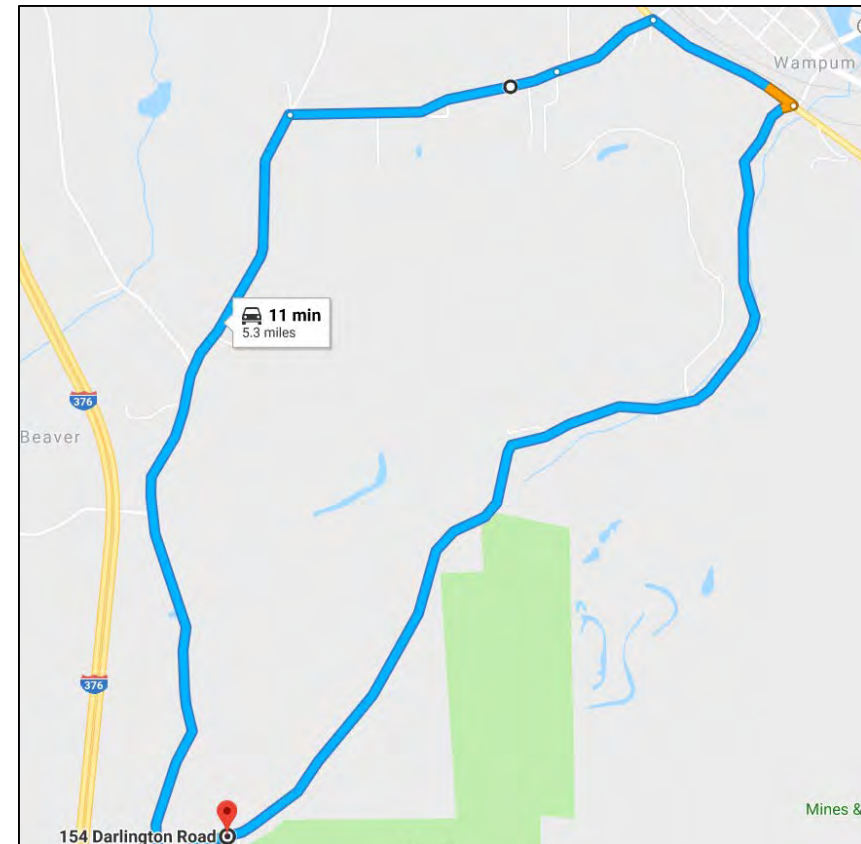
SR 956 Neshannock Falls Road

- **Wilmington Township** –
Neshannock Falls Road (SR956)
over Branch of Neshannock Creek
 - Full Culvert Replacement
 - Long-term Full Closure



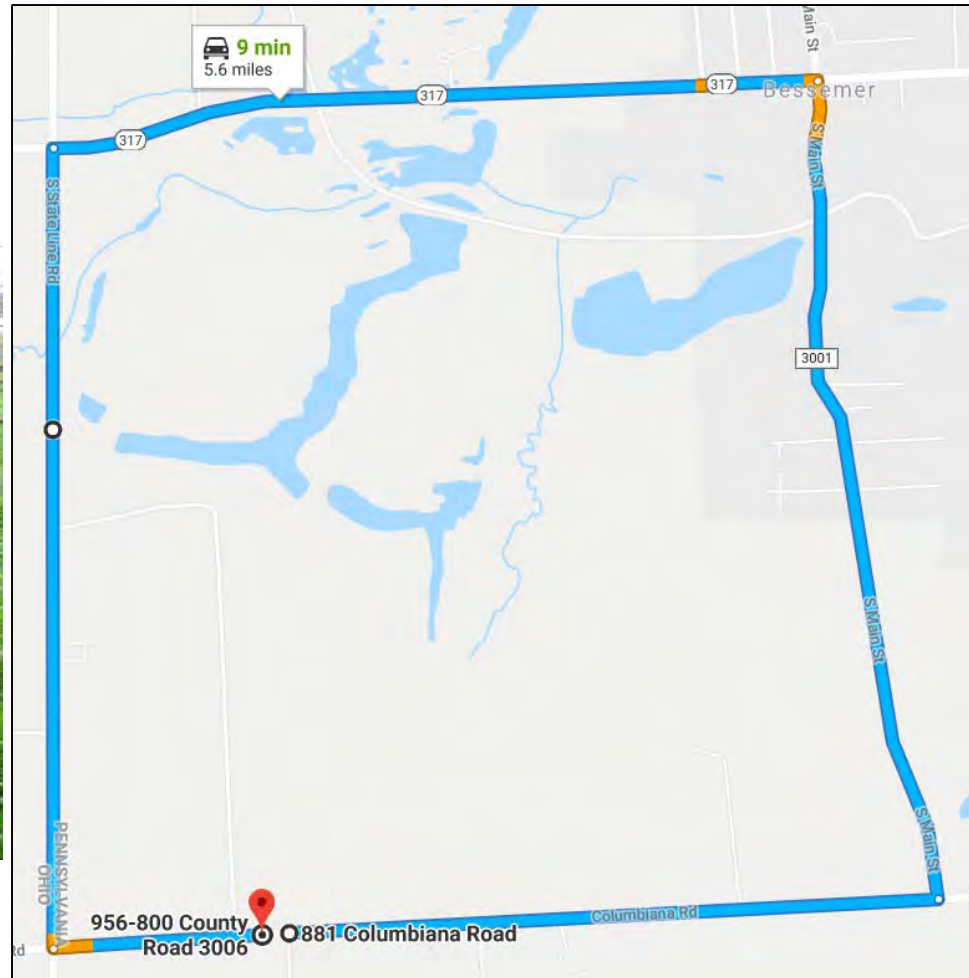
SR 3008 Darlington Road

- **New Beaver Borough** – Darlington Road (SR3008) over Wampum Run
 - Small Culvert Replacement
 - Long-term Full Closure



SR 3006 – Columbiana Road

- **North Beaver Township** – Columbiana Road (SR3006) over Branch of Hickory Run
 - Dual Pipe Replacement
 - Long-term Full Closure



Traffic Engineering & Operations Unit

Todd Kravits, P.E.
District Traffic Engineer
412-429-4975



**Traffic
Signals**



**Western
Regional
Traffic
Management
Center**



**Safety
Management**



Operations



**Work Zone
Traffic
Control**



**Highway
Occupancy
Permits**

Traffic Engineering and Operations

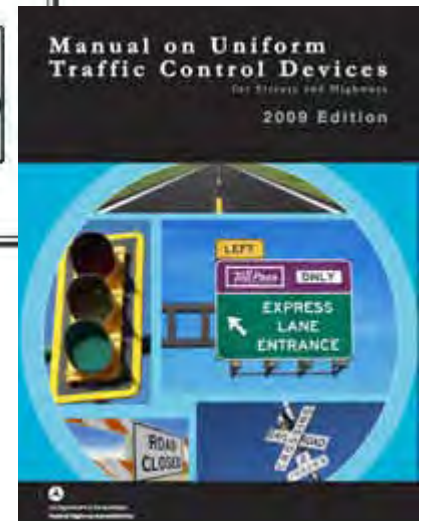
What You Need to Know

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

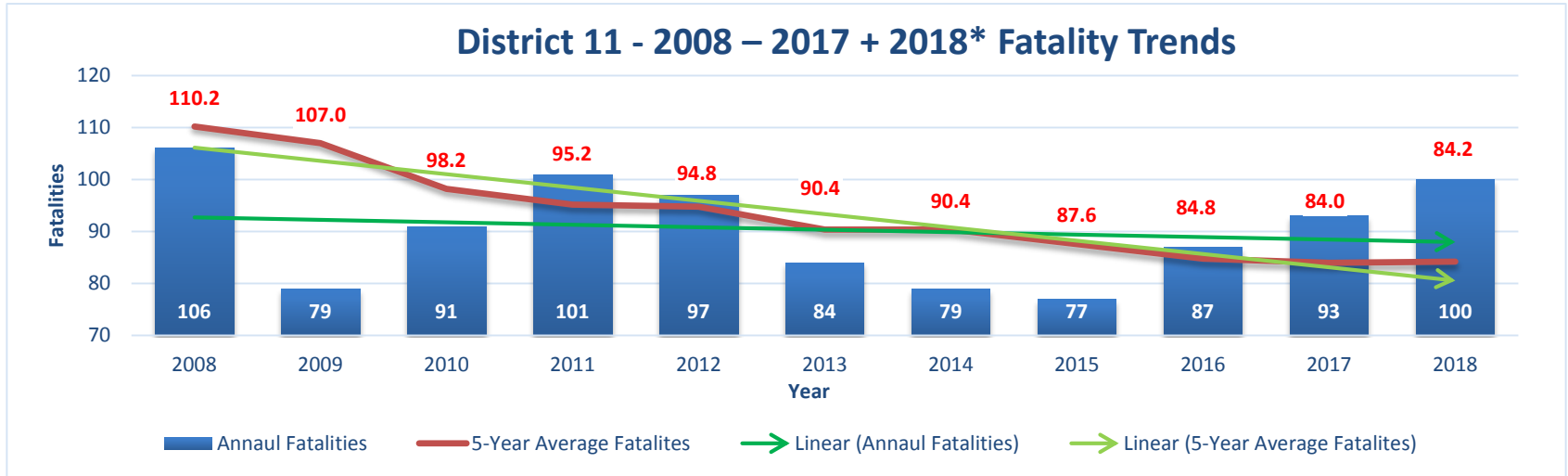
Why Do We Do This?

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.



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Safety Management



Over the last decade (2008-2017) , we have reduced our 5-year average fatalities and serious injuries by 25%, How?

Through an aggressive program of:

- Systematic Low Cost Safety Improvements
- Site Specific Safety Projects
- Construction Work Zone Enhancements
- Pedestrian/Bicycle Improvements
- Safety and Enforcement Programs

* 2018 final data not final and shown for informational purposes only

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 & 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 1,705 traffic signals and 392 flashing devices throughout the District. This includes 614 signals and 110 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 Division

Jason Zang, P.E.
Assistant District Executive
412-429-5007



Doug Thompson, P.E.
Principal Assistant Construction Engineer
412-429-5060

Review of 2018 Successes

SR 2030, Mountville Road Bridge, McConnell's Mills
\$2.2 Million



Review of 2018 Successes

SR 488, Portersville Truss
\$4.1 Million



Review of 2018 Successes

SR 208, Slide in Bridge, Pulaski Twp.
\$1.8 Million

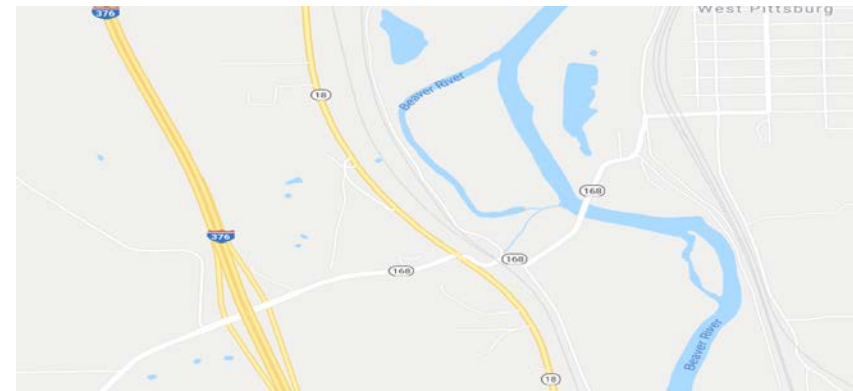


Lawrence County Construction Overview

- 28 miles of state roads paved or resurfaced in 2019
- Approximately 3 projects will be let in 2019 worth \$8 million
- 12 projects in construction in 2019
- 2 bridges improved or replaced (1 in poor condition)
- \$49 million in 2019 construction expenditures (estimated)

SR 168

- \$10.3 million
- Located on SR 168 from Galilee Road to Moravia Street in North Beaver and Taylor Townships, Lawrence County
- Highway restoration, bridge rehabilitation on one structurally deficient bridge and preservation work on two structures
- Early 2020 completion



SR 422 Ben Franklin Highway

- \$11 million
- Harbor Village Dr. to I-376 in Union Township, Lawrence County
- Resurfacing, concrete pavement rehabilitation, etc.
- Bridge preservation of 4 bridges
- Started June 2018 and will conclude in late summer 2019
- Work resumes April 2019 with single lane traffic long-term traffic restrictions



SR 288 Wampum Ave Bridge

- \$8.2 million bridge replacement located on SR 288 between Mason Street and Oswald Street over the B&O Railroad in Wayne Township
- Full bridge replacement with a roadway reconfiguration of Wampum Road and Oswald Street intersection
- Single lane restrictions will occur except during the 12-day closure and detour during the fall 2019
- Concludes by the summer of 2020



SR 4012 Mitchell Road Restoration



- SR 4012, Mitchell Road from the Ramps at I-376 to PA 18 (Wilmington Road) in Neshannock Township
- \$2.3 million
- Roadway reconstruction, asphalt overlay, etc.
- Start in March 2019 with a completion late this year

➤ SR 4015 Churchill Road over SR 224

- SR 4015 Churchill Road (Bridge) over 224, Mahoning Township, Lawrence County
- \$912,000
- Start April 2019, completion in August 2019
- Superstructure replacement
- Two weekend closures of 224 to allow for demo and the setting of new beams
- Shoulder closures near the structure to complete the repairs for abutment walls.



Lawrence County Resurfacing Contract

- Let Date: 1/17/19
- Estimated Cost: \$2.1 million
- Mill and resurface, etc.
- **Mercer Road (SR 1005)** from Tanglewood Drive (Twp.) to the Lawrence/Mercer County line

Barkley Road over Camp Run T-353

- Bridge replacement
- \$1.2 million
- Located on Township Road T-353, Barkey Road Bridge over Camp Run in Perry Township
- Started November 2018, completion by May of 2019



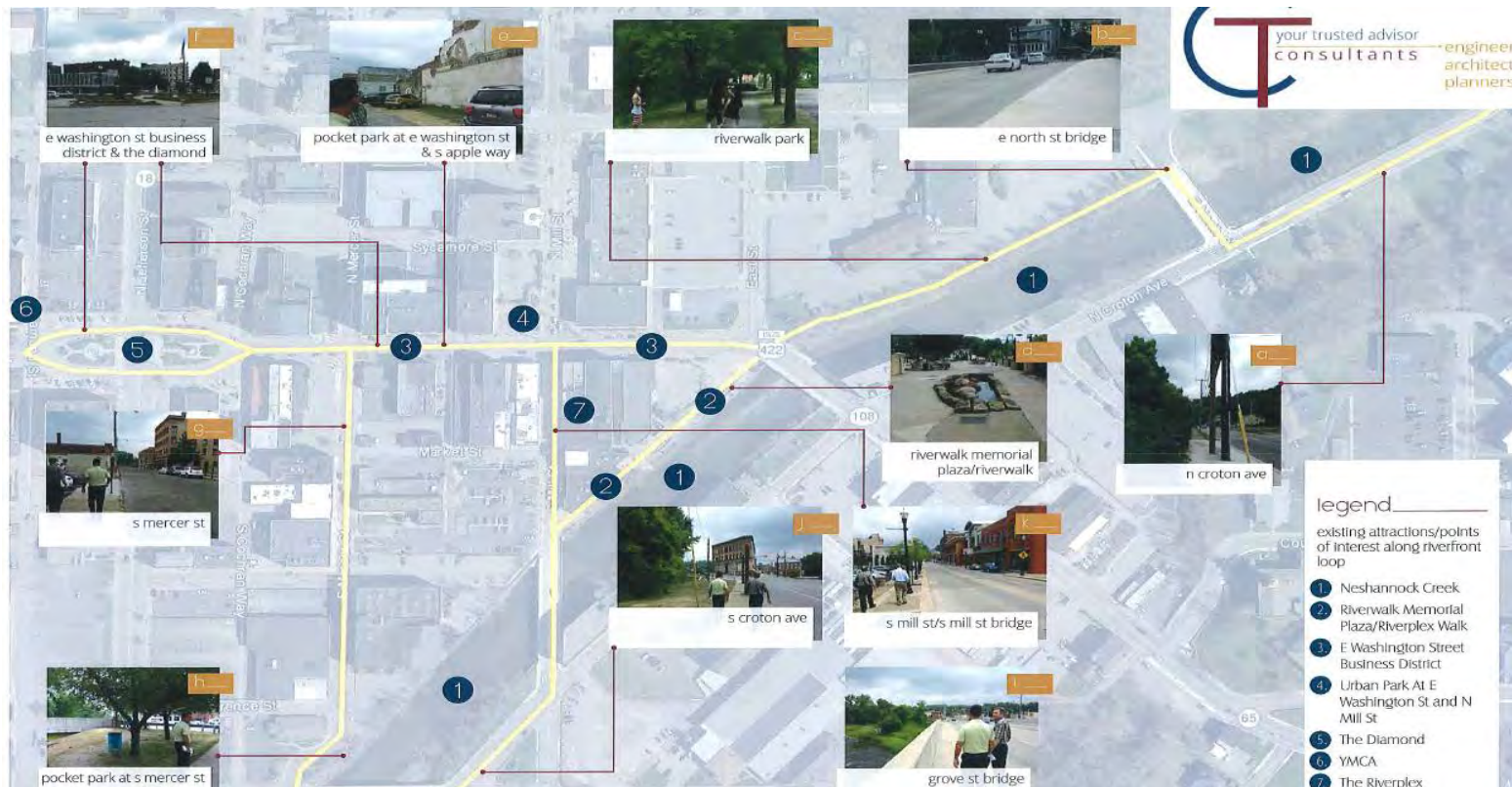
Clover Lane Bridge T710

- \$1.2 million
- Rehabilitation project
- Over West Branch of Neshannock Creek in Neshannock Township, Lawrence County
- Start date in May 2019 and completion of late 2019



▶ New Castle Multimodal Regional Riverwalk

- \$500,000 to \$1 million for pedestrian and bicycle access improvements project located along N. Croton Avenue and North Street Bridge in the City of New Castle
- Mid 2019 start and mid June 2021 completion

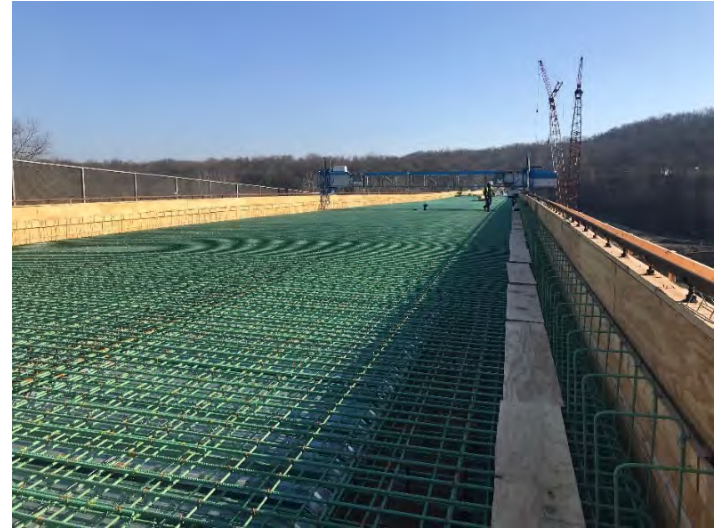


Additional Lawrence County Projects

- **SR 224 Falls Street Bridge Preservation** between Sampson Street and Jefferson Street (July bid)
- **Route 7405 Maple Street over McClure's Run** for bridge rehabilitation in New Wilmington Borough (July bid)

SR 351 Koppel Bridge Replacement

- \$27.5 million
- Over the Beaver River in Koppel Borough and New Sewickley Township
- Traffic continues to be maintained on existing bridge
- A 72-day detour in the bridge area will occur in the fall of 2019 to connect the new bridge with the existing highway



Crows Run/Freedom Road Upgrade

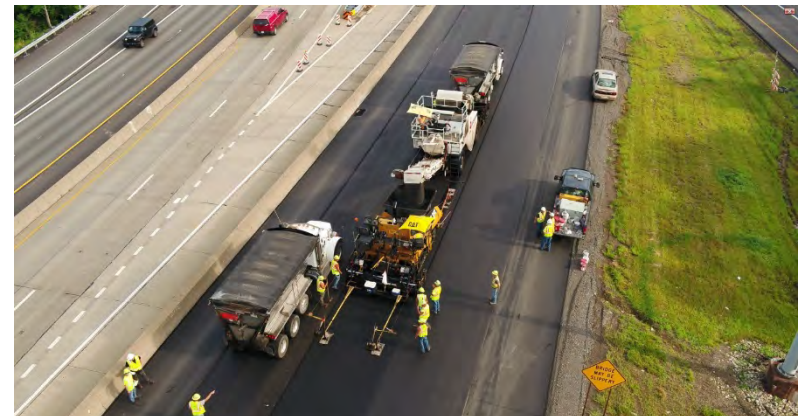
- \$19.6 Million
- Phase A finishing up July 2019



I-279

\$87.94 million

- HOV closed, April 2, 2019 – reopen mid June
- Concrete patching, inlet rebuild and asphalt overlay from approx. Venture Street area up to the Park N Ride
- Bridge Expansion Dam work, HOV structure for the McKnight Road Exit
- Anti-Icing System
- 650' of reconstruction on SR 28 NB from Anderson Street to just past River Avenue (started, complete end of May)
- One lane outbound will be maintained
- River Avenue will be closed and detoured



I-279

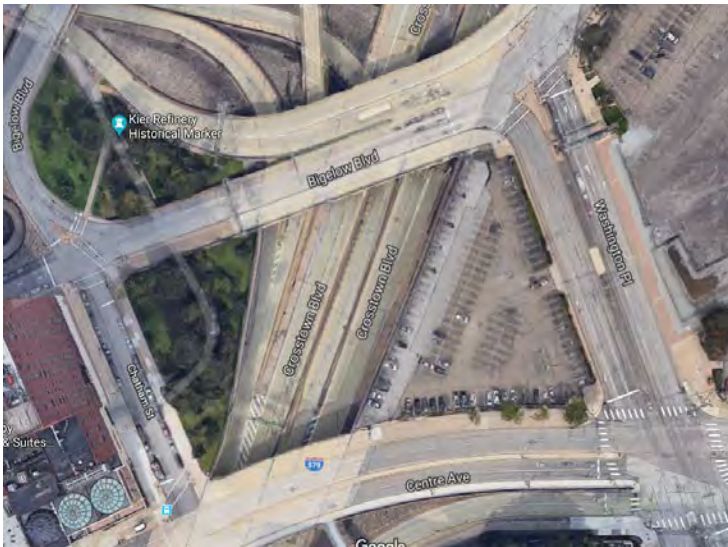


- Two weekend long mainline Northbound restrictions for paving
- Various off-peak lane restriction NB and SB for various work
- Completion Fall 2019



SR 579 "CAP"

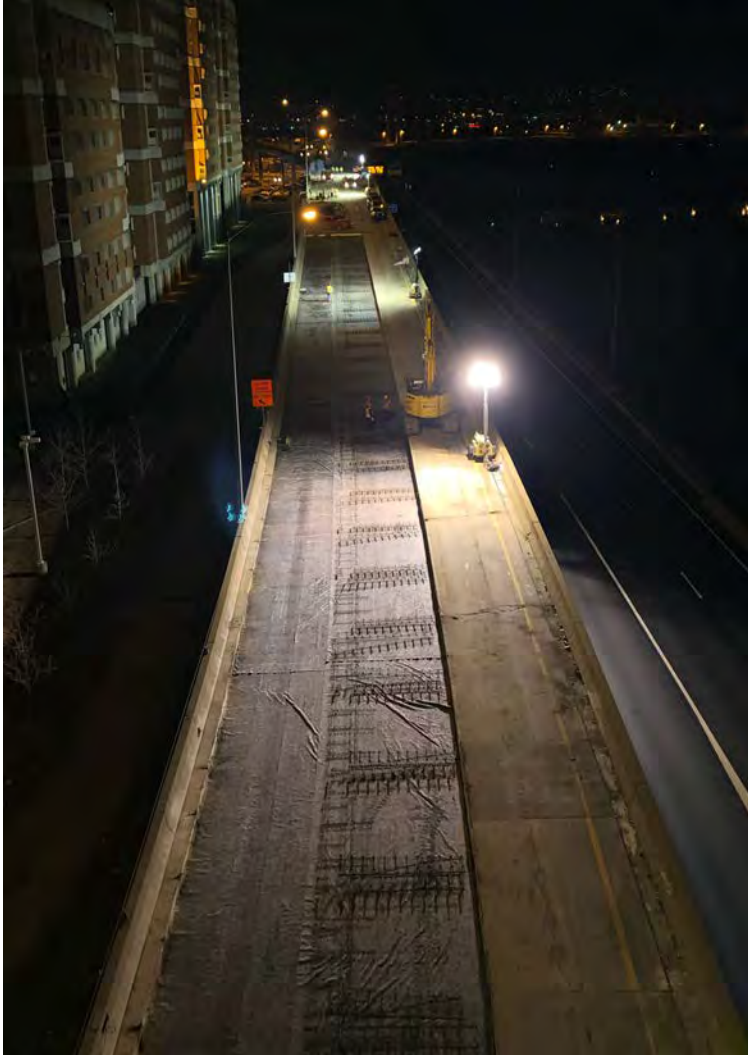
- Estimated \$29 million
- Anticipated start of end of June 2019
- End of 2021 completion



SITE IMPROVEMENTS PLAN - RENDERING



SR 376 Parkway East



- \$26.4 million
- For the milling and resurfacing, bridge dam replacement, and misc.
- 6.49 miles
- 4800' bridge expansion dams replaced
- Ft. Pitt to Swissvale/Edgewood Boroughs
- November 2019 completion

SR 376 Parkway West



- Milling and resurfacing, etc.
- I-376 from Tonidale Road to Boyce Road in Robinson, North Fayette and Collier Townships
- Work to start late mid-summer, 2019
- Estimated value of \$5.5 million

RT 28 A55

Wrapping up, completed mid-2019



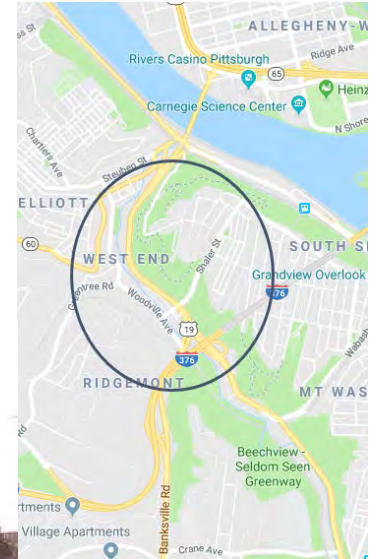
SR 885 Blvd of Allies/Bates St to I-376

- \$7.4 million located on SR 885 (Blvd of the Allies) from Bates Street to Interchange Ramp
- Mostly mill/repave, ITS signs. (10% RAP Pilot)
- Overnight and weekend lane restrictions will be implemented
- A mid-2019 start and an early 2020 completion date



SR 19 West End Bypass

- Contract value of \$14.6 million
- The project consists of reconstruction of four lanes of highway
- Replacement of Shaler Street Bridge with SPMT
- Completion date by June 2020



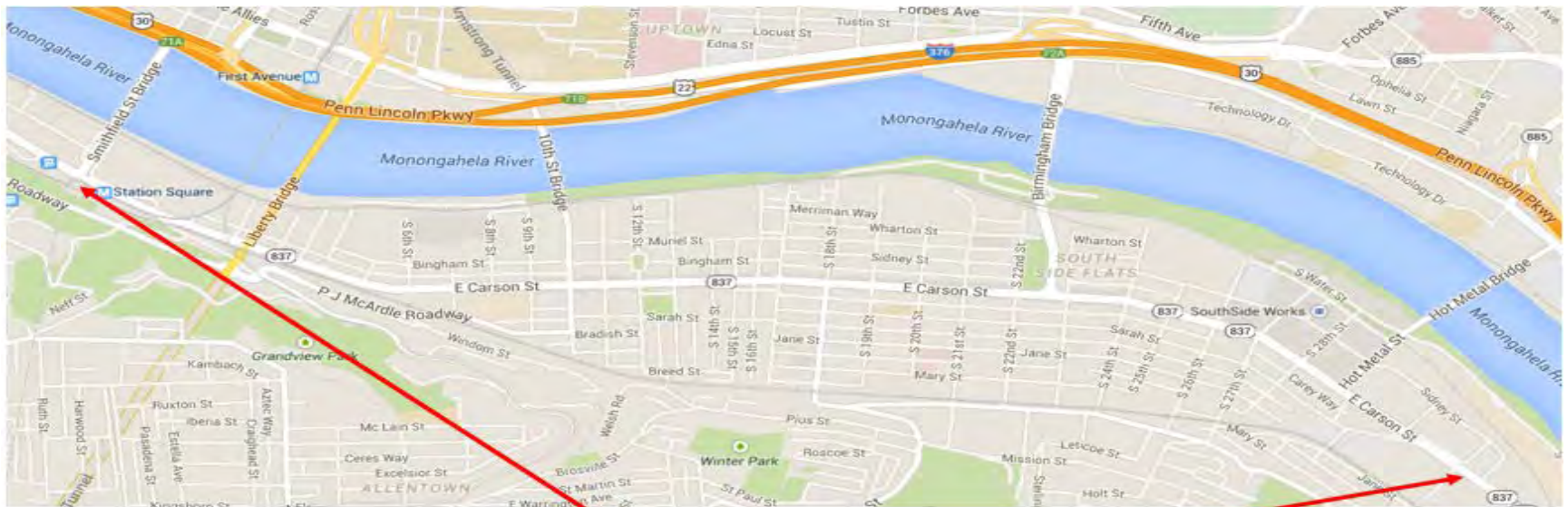
SR 837 West Carson Street

- \$6.4 million
- Mid-2019 start and end early 2020
- Milling and resurfacing, etc.



SR 837 East Carson Street

- \$18 million
- South Side, Business District
- Safety improvements, cross-walk length reductions
- Milling and Paving, etc.
- Letting ASAP, pending legal agreements with City of Pittsburgh

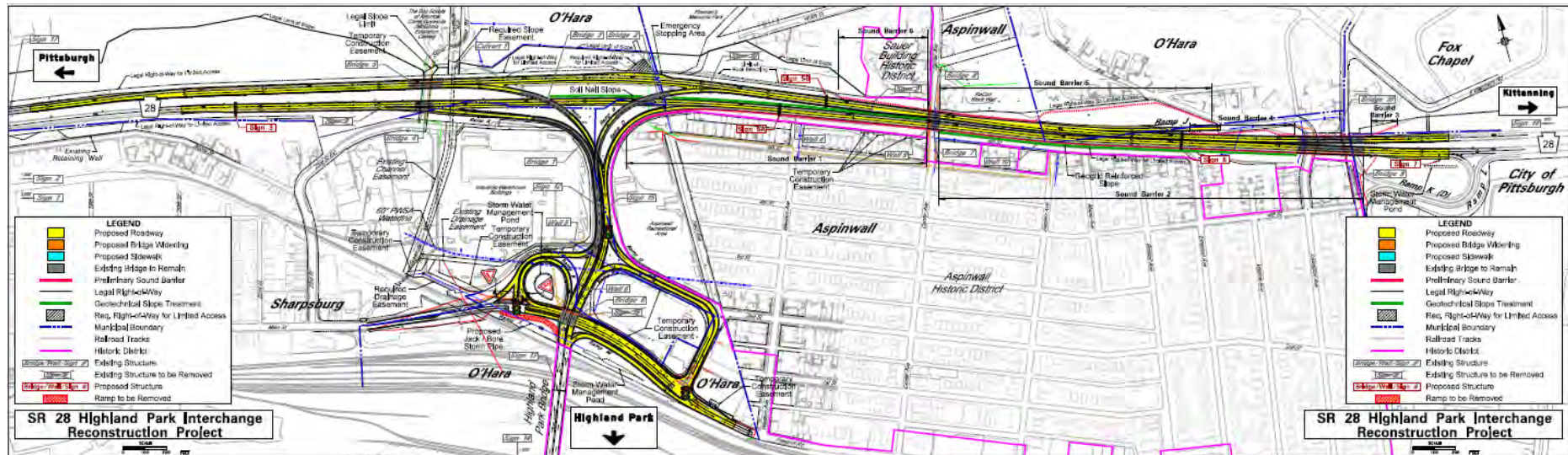


Project Limits

Design Division



Douglas M. Seeley, P.E.
Assistant District Executive
412-429-5005



➤ SR 3001-L03 S. Main St. ov Branch of Hickory Run

- Anticipated Let Date: February 25, 2021 (Bessemer Borough)
- Full bridge replacement with minimal roadway work at the limits to tie into the existing pavement



► SR 3001-L03 S. Main St. ov Branch of Hickory Run



SR 3002-L01 Beaver Dam Road

- Anticipated Let Date: April 8, 2021 (Little Beaver Twp.)
- The work consists of a bridge deck replacement and preservation work



➤ SR 224-L12 Youngstown Poland Road/State Street

- Let Date: February 13, 2020 (Mahoning & Union Townships)
- Milling and resurfacing, base repairs, drainage improvements, traffic signals, ADA Curb ramps, minor structure work, and updates to Department signs and pavement markings

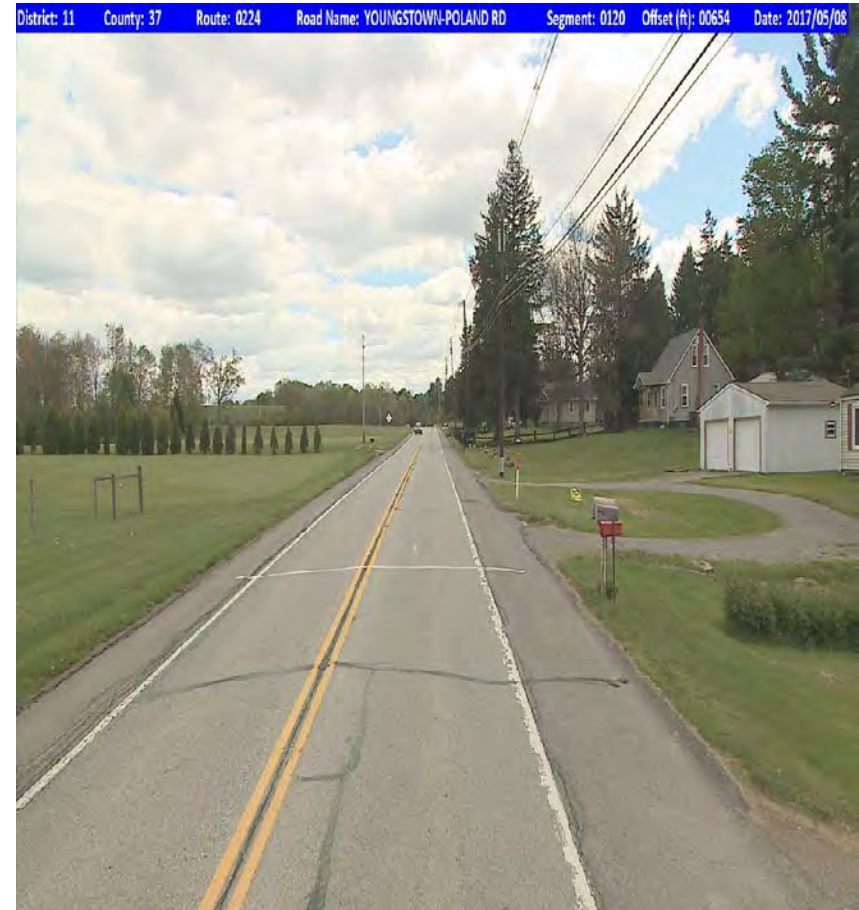


SR 224-L12 Youngstown Poland Road/State Street

District: 11 County: 37 Route: 0224 Road Name: YOUNGSTOWN-POLAND RD Segment: 0060 Offset (ft): 01288 Date: 2017/05/08



➤ SR 224-L12 Youngstown Poland Road/State Street



SR 224-L12 Youngstown Poland Road/State Street

District: 11 County: 37 Route: 0224 Road Name: STATE ST Segment: 0150 Offset (ft): 01140 Date: 2017/05/08



➤ SR 2006-L03 East Washington St. Bridge

- Let Date: October 2020 (City of New Castle)
- Bridge Replacement or Rehabilitation

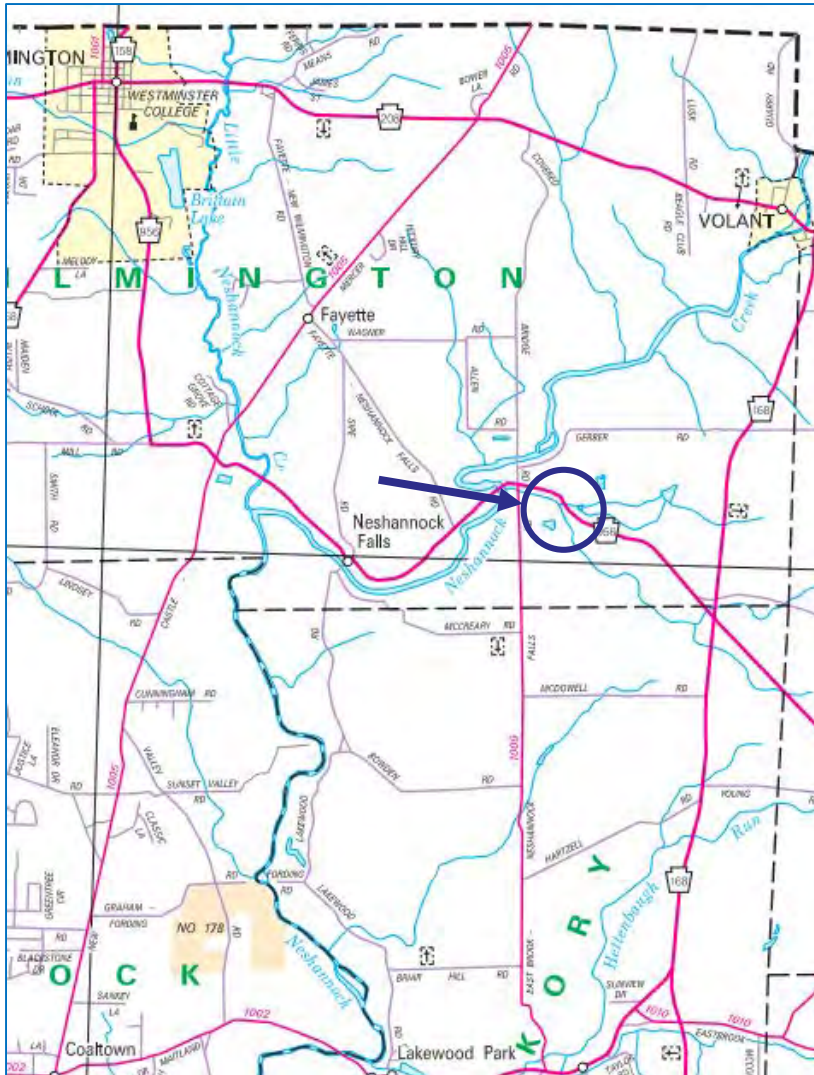


➤ SR 551-L03 Enon Road over Sugar Creek

- Let Date: March 2022 (North Beaver Twp)
- Bridge Replacement with new culvert or bridge



#108897 – 2020 Bridge Maintenance Contract



- SR956-L13
- Department Force Box Culvert Replacement
- Wilmington Township, Lawrence County
- Neshannock Falls Road over Branch of Neshannock Creek
- Let Date 3/12/20 - Construction anticipated Summer 2020

➤ #108897 – 2020 Bridge Maintenance Contract



- SR 956-L13



#108897 – 2020 Bridge Maintenance Contract

- SR 956-L13 Existing Condition Photos



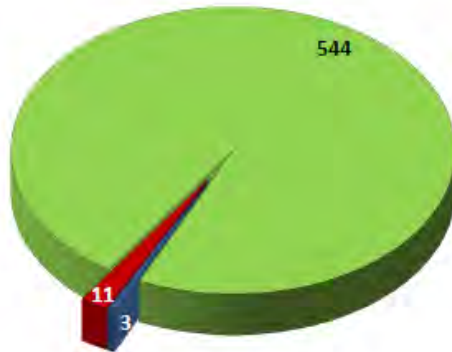
➤ 2020 Lawrence County Resurfacing Project

SR 0208 (Neshannock Ave./Main St.)

Wilmington Township, Volant Borough, and
Washington Township

Rapid Bridge Replacement Project Update

Total Program - Construction



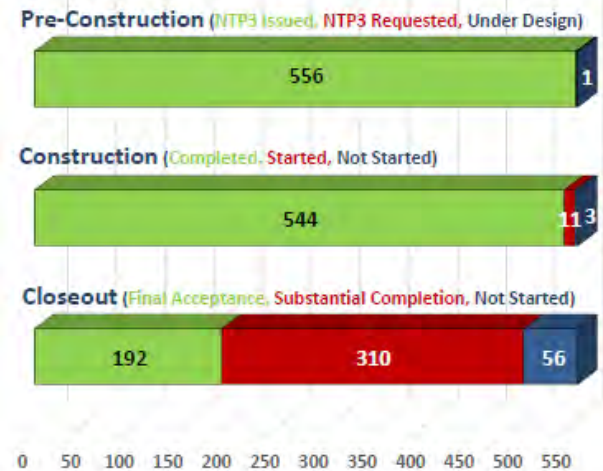
■ Bridges Remaining ■ Under Construction ■ Open to Traffic

2019 Construction Season (5 Planned Starts)
Includes 22 - 2018 Started/2019 Completed

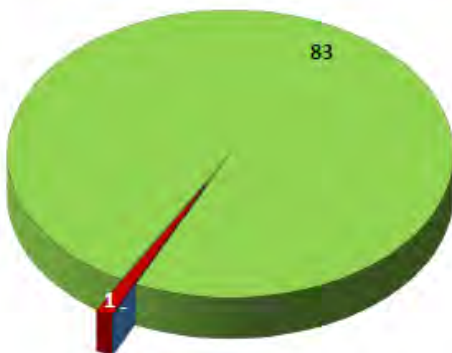


■ Bridges Remaining ■ Under Construction ■ Open to Traffic

Status by Phase - Total Program



Total Construction Program - District 11-0



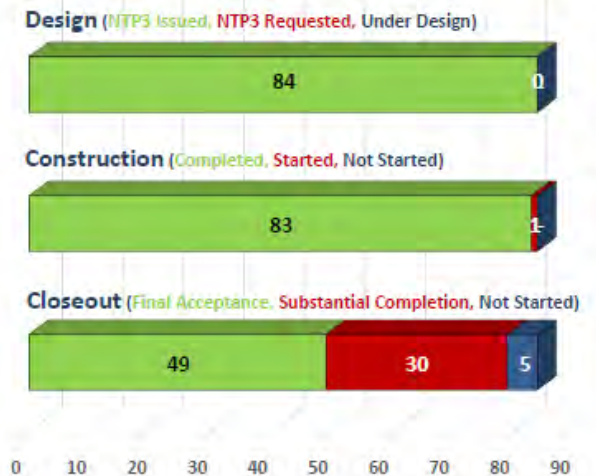
■ Bridges Remaining ■ Under Construction ■ Open to Traffic

2019 Construction Season - District 11-0



■ Bridges Remaining ■ Under Construction ■ Open to Traffic

Status by Phase - District 11-0



Municipal Services / Planning & Programming

Rob Miskanic
Transportation Planning Manager
412-429-4822





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 1. Over \$49M in 2019.
- Payment for Counties is twice per year. June and December. Over \$4.9M Est. for 2019

Liquid Fuels Allocations

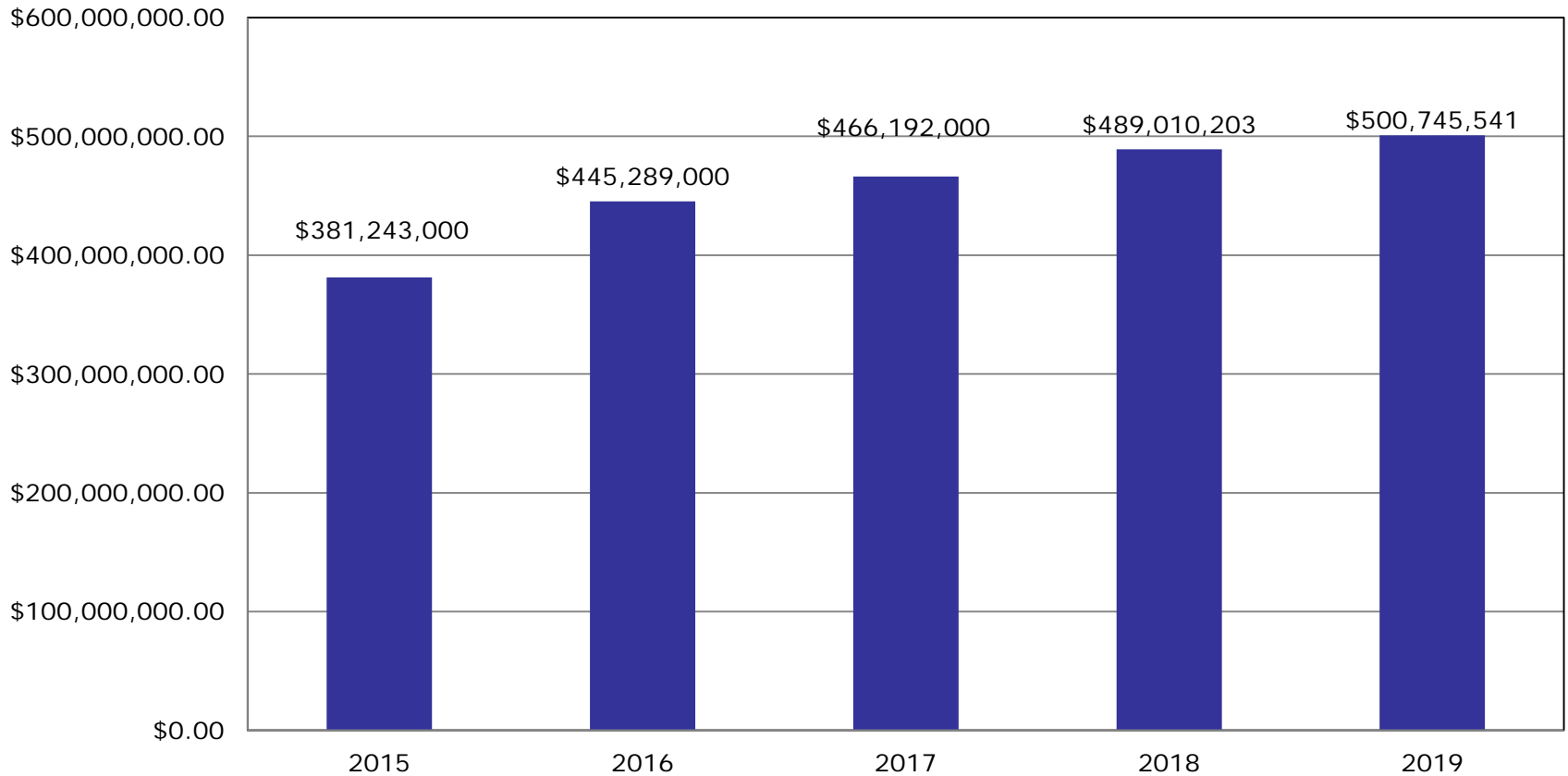
FUNDING TYPE	FUNDING BENEFICIARIES		PAYMENT	REQUIRED REPORT(S)	ADDITIONAL INFORMATION
NAME	MUNICIPAL	COUNTY	DATES	DUE	LINKS
County Liquid Fuels			June 1 and December 1	MS-991 January 31	PennDOT PUB 9
Municipal Liquid Fuels			March 1	MS-965 January 31	PennDOT PUB 9
				Report of Elected Officials January 31	
				Survey of Financial Conditions March 15	

➤ Municipal Liquid Fuels Tax Fund Allocation

- 2019 MLF allocation - \$500,745,541
 - 2018 MLF allocation - \$489,010,204
 - \$11,735,337 (2.4%) increase
- Payments will begin March 1, 2019 to certified municipalities

Municipal Liquid Fuel 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!

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

- **Dan Woodall- Municipal Services Supervisor**
Phone: 412-429-4809 Email: dwoodall@pa.gov
- **Barry DeAngelis- Municipal Services Specialist**
Phone: 412-429-4813 Email: badeangeli@pa.gov
- **Tony Ryan- Municipal Services Specialist**
Phone: 412-429-4812 Email: antryan@pa.gov

Grants and Reimbursement Programs

PennDOT Administers **Grants and Reimbursement Programs** that are available to Pennsylvania municipalities. ***During FY 2017-18, over \$150 million were awarded to local governments*** from programs such as Automated Red Light Enforcement (ARLE), Green Light-Go, Multimodal Transportation Fund, and the Transportation Alternatives Set-Aside.



Financial Questions?

PennDOT provides counties and municipalities with a network of strategically placed **Financial Consultants** throughout the Commonwealth to assist with the preparation of year-end reports and other forms, interpret policy and regulations, identify opportunities for cooperative purchasing agreements and alternative funding services, provide one-on-one remedial training for local government employees on the completion of Liquid Fuels Forms, and ensure compliance on the use of Liquid Fuels Funding.

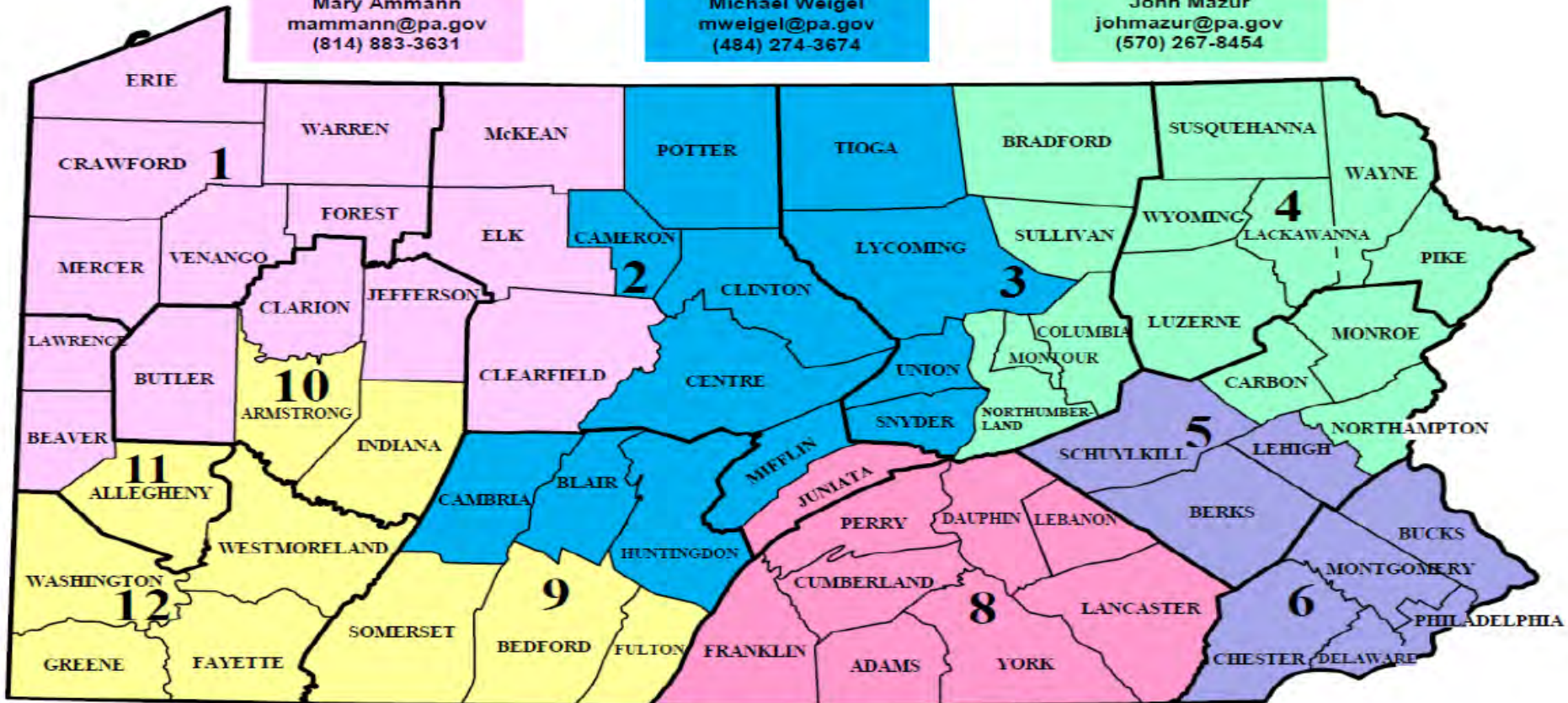
SERVICES FOR LOCAL GOVERNMENTS

FINANCIAL CONSULTANT COVERAGE AREAS

Mary Ammann
mammann@pa.gov
(814) 883-3631

Michael Weigel
mweigel@pa.gov
(484) 274-3674

John Mazur
johmazur@pa.gov
(570) 267-8454



John Weaver
johnweav@pa.gov
(724) 989-8110

Michael Carmel
mcarmel@pa.gov
(717) 425-7071

Earl Helbing
ehelbing@pa.gov
(610) 533-8908



IT ALL BEGINS WITH PLANNING.

Policy Approved December 2016

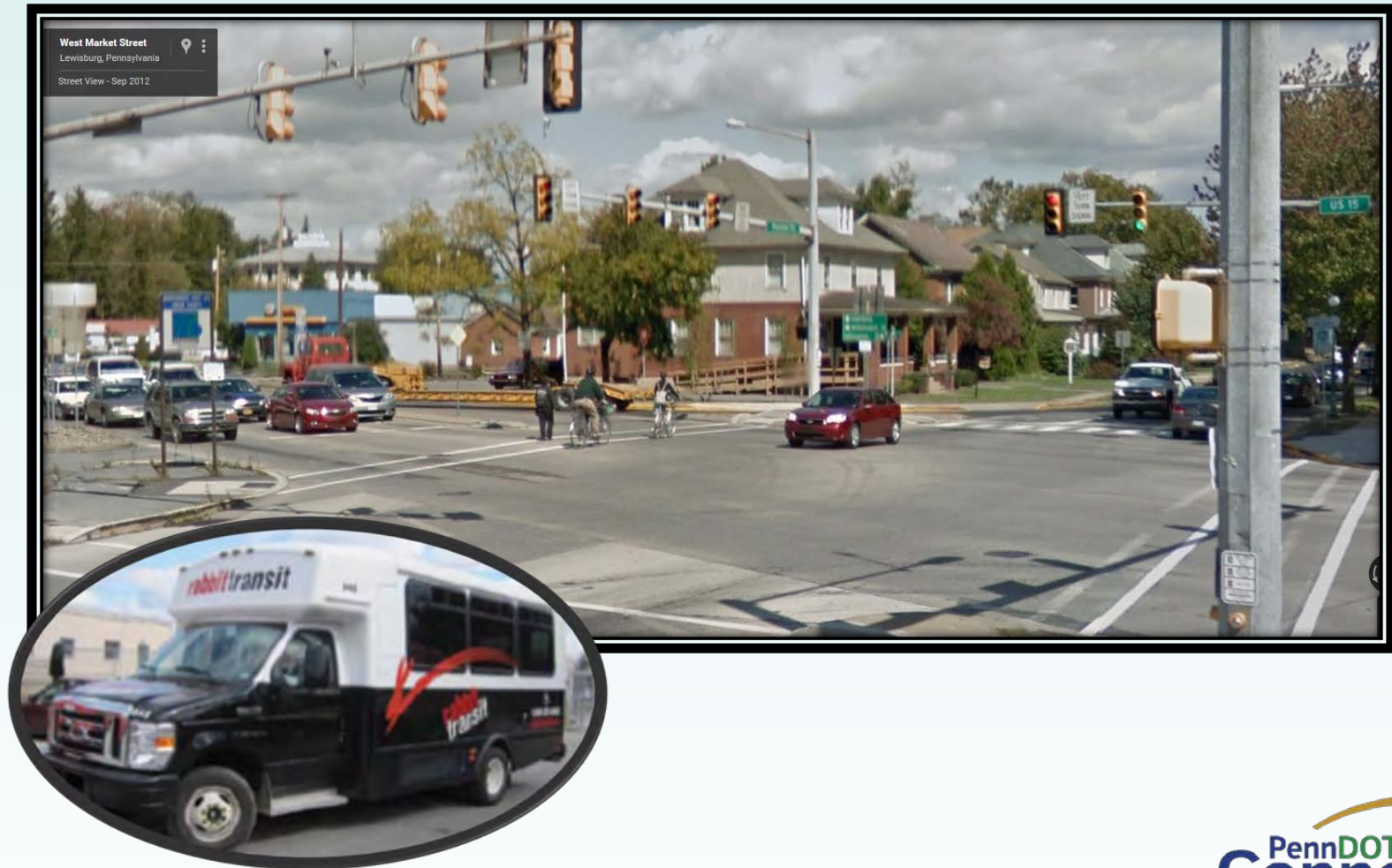


PennDOT
DEPARTMENT OF TRANSPORTATION

A road is more than the line between 2 points



Consider all users



Community Collaboration



GOAL: Better Communities and Mobility Powered through Collaboration

PennDOT Connects:

- builds **partnerships** that invest in sustainable transportation.
- leverages **resources** to improve communities.
- leads and innovates **for a more livable Pennsylvania.**
- delivers **projects that improve economic competitiveness, access to work, and overall quality of life.**



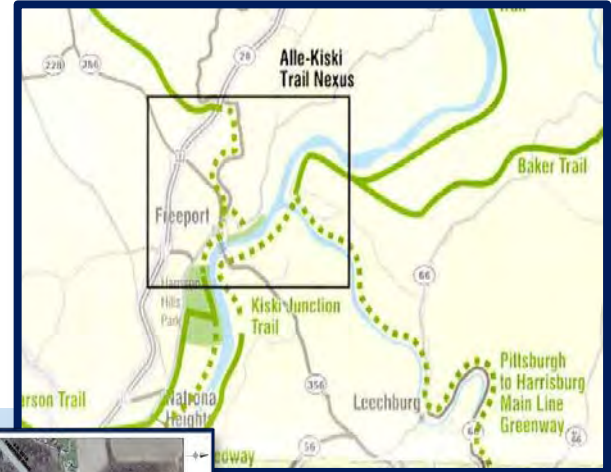
How It Works

- PennDOT and our planning partners meet with local governments to discuss details for each project prior to developing project scopes and cost estimates.
- All mobility needs are considered.
 - Bicycle
 - Pedestrian
 - Transit
 - Freight
 - Operations and ITS
 - Utilities
 - Community health
 - Stormwater management
 - Green infrastructure



Opportunities for Communities

Planning Funding Multimodal Planning Corridor Studies



Opportunities for Communities

Stormwater Management Green Infrastructure



Opportunities for Communities

Pedestrian/Bicycle Access Multi-Use Trails



Collaborating With Communities

Connecting With Communities First

PennDOT is:

- **Investing in a community with each project.**
- **Involving communities at the beginning of the planning process.**
- **Learning what elements may be important to include in the project to support a community's vision.**

SR 837-A42 – East Carson Street, Allegheny County

Between January 1, 2007 and December 31, 2014 there were 593 reported crashes or an average of 74 crashes per year at this project location.

Goals:

- IMPROVE SAFETY THROUGHOUT CORRIDOR, SECOND HIGHEST PEDESTRIAN CRASH LOCATION IN THE REGION
- IMPROVE MULTIMODAL MOBILITY
- IMPROVE PEDESTRIAN AND BICYCLE MOVEMENTS
- IMPROVE TRANSIT ACCOMMODATIONS
- REHABILITATE AND IMPROVE THE EXISTING PAVEMENT SURFACE CONDITIONS
- REDUCE CONGESTION
- OPTIMIZE SIGNAL OPERATIONS ALONG THE CORRIDOR

S.R. 837-A42 – Connects Work Items Continued

MULTIMODAL CONNECTIONS OVERVIEW



➤ SR 837-A42 PennDOT Connects Related Work Additions

- District 11-0 has added an additional \$8 million of regional, CMAQ and Safety funding for work incorporated into the 837-A42 project related to PennDOT Connects:
 - Adding intersection lighting
 - Completing the sidewalk network between Arlington Avenue and 7th Street which improves the safety of bus stops along a railroad retaining wall
 - Completing the sidewalk and bicycle connections between the Birmingham Bridge and Carson Street
 - Replacing and updating pavement markings throughout the corridor, including high visibility crosswalks
 - Adding additional bump outs to further improve safety and making the bump outs physical rather than painted

Project Example-SR 168-L16

Project Name: SR 168-L16, Galilee Rd to Moravia St

- **Project Location:** Located on SR 168 from Galilee Road to Moravia Street in North Beaver and Taylor Townships, Lawrence County.
- **Project Purpose:** To address roadway deficiencies to provide safe and efficient access for the travelling public.
- **Project Need:** To provide full betterment consisting of rebuilding of curbs, ADA compliance and drainage improvements.
- **Short Project Description and Scope:** Highway restoration, bridge rehabilitation on one structurally deficient bridge and preservation work on two structures.
- **Municipal Collaboration Effort:** Local request for additional sidewalk on the SB side of the road. Presently it has deteriorated curb and grass with some sidewalk.

SR 168-L16 Sidewalk



SR 168-L16 Sidewalk



PennDOT Connects HUB



<https://paconnects.org/>

➤ PennDOT Connects – Powered by Communities

- Planning
 - Program Development
 - Project Delivery
-
- **Session will be held in May of 2019 at District 11 Office**
 - **Sign-up sheet available to receive email invitation. Space is limited.**

Press Office Contacts

- **Steve Cowan – Press Officer**

Phone: 412-429-5010

- **Yasmeen Manyisha – Safety Press Officer**

Phone: 412-429-5044

- **Joel Morris – Community Relations Coordinator**

Phone: 412-429-5011

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 860 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)

➤ 2019 PennDOT Winter Services Survey

Accepting feedback through May 7th, 2019

<https://www.surveymonkey.com/r/PennDOTWinter>

- 10-question survey
- Asks how often respondents travel during poor weather, how they rate PennDOT's winter service, and how they rank snow-removal priorities.
- Respondents are also asked how they receive PennDOT roadway information, and whether or how they use the state's 511PA traveler information services.
- During the winter, www.511PA.com offers its standard traffic and incident information while adding PennDOT plow-truck locations, winter roadway conditions, and other services.

Additional Resources

- As construction season begins, information on projects occurring or being bid 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

Questions?

