ASHE MID-ALLEGHENY – PENNDOT WORKSHOP

PENNDOT DISTRICT 10-0 UPDATE

NOVEMBER 8, 2023

ALICE M. HAMMOND, P.E., ASSISTANT DISTRICT EXECUTIVE – DESIGN

pennsylvania DEPARTMENT OF TRANSPORTATION

1

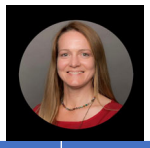
OVERVIEW AND SUMMARY

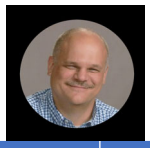
Brian N. Allen, PE
District Executive

Alice M. Hammond, PE
ADE-D

Paul F. Koza, PE
ADE-C

Matthew J. Burkett
ADE-M





Armstrong	Butler	Clarion	Indiana	Jefferson
Aaron Raible	Mike Mattis	Josh Clinger	John Serian	Aaron Emhoff, PE
1,413 Lane Miles	1,582 Lane Miles	1,031 Lane Miles	1,778 Lane Miles	1,196 Lane Miles
373 Bridges	356 Bridges	208 Bridges	429 Bridges	275 Bridges
Southwest Planning Commission	Southwest Planning Commission	Northwest Planning Commission	Southwest Planning Commission	Northcentral Planning Commission

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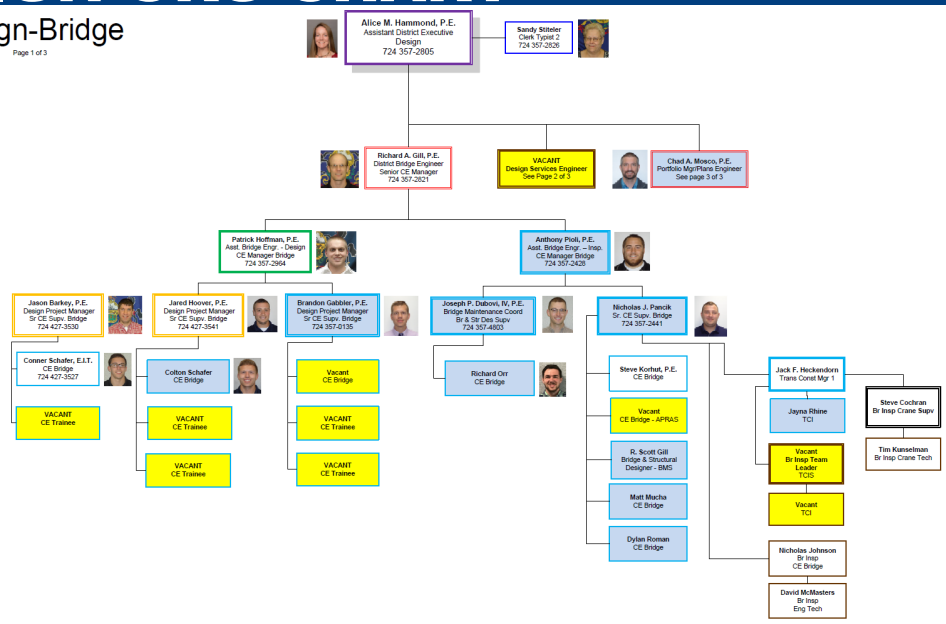
DESIGN ORG CHART

Design-Bridge

Page 1 of 3



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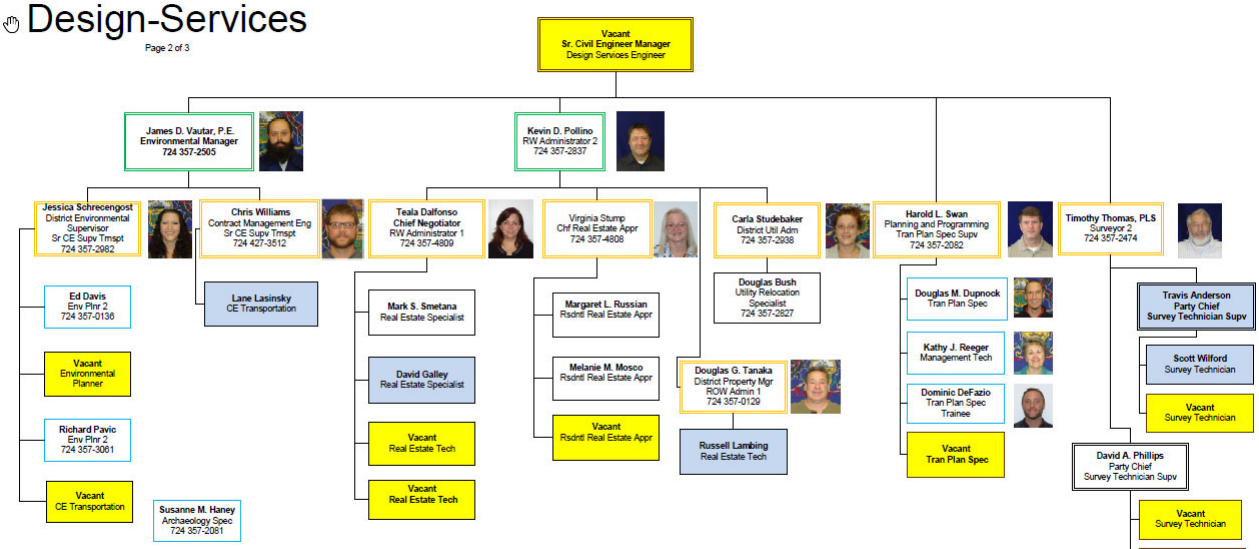
DESIGN ORG CHART

Design-Services

Page 2 of 3



Please note: Phone numbers are not listed for ROW and field employees.

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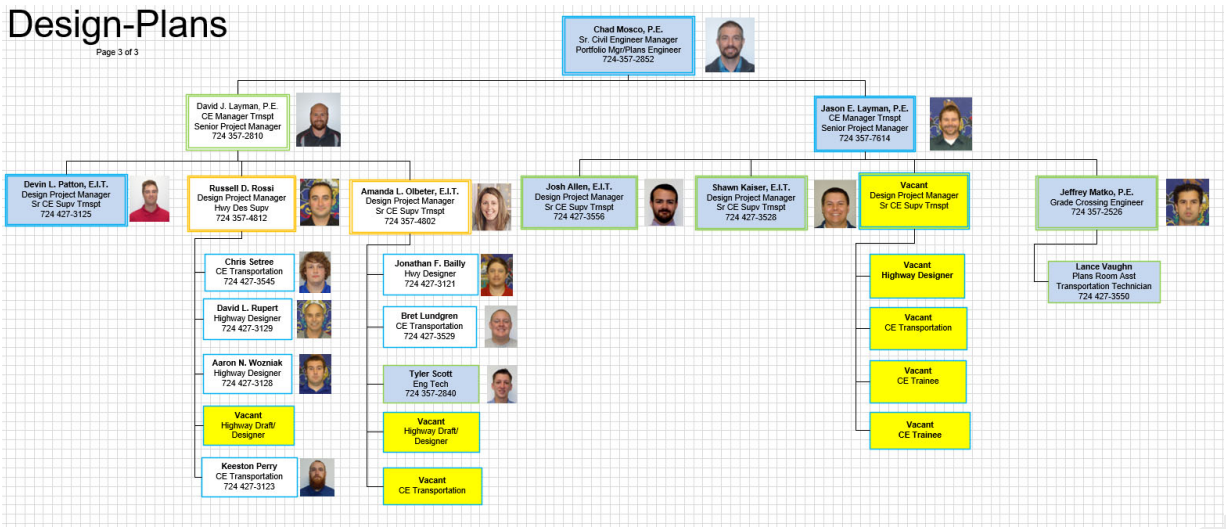
DESIGN ORG CHART



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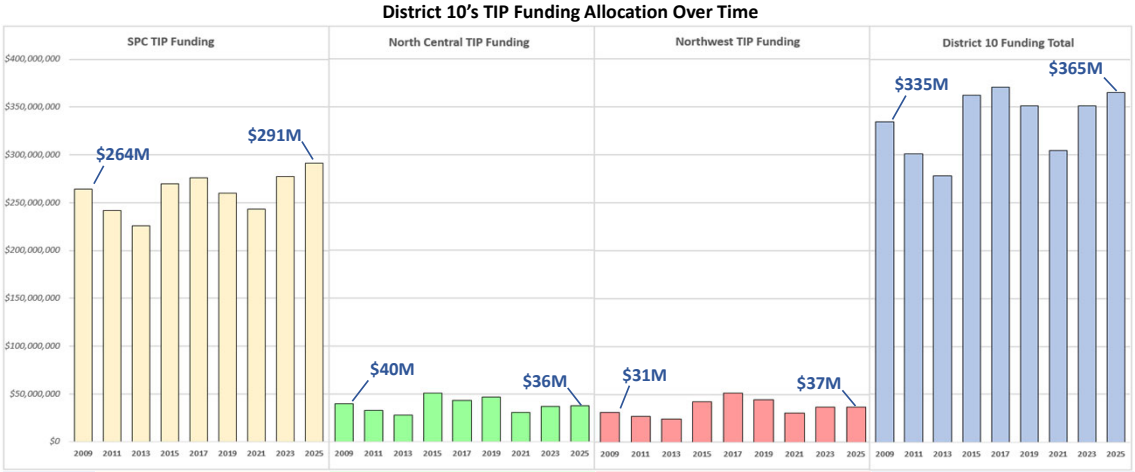
BUDGET

District 10's TIP Funding Allocation Over Time



TIP Funding Cycle	SPC TIP Funds	North Central TIP Funds	Northwest TIP Funds	District Total TIP Funds
2009	$264,116,000	$39,510,000	$31,088,000	$334,714,000
2011	$242,108,000	$32,457,000	$26,978,000	$301,543,000
2013	$225,718,000	$28,176,000	$24,131,000	$278,025,000
2015	$269,461,000	$50,496,000	$42,624,000	$362,581,000
2017	$276,000,000	$43,458,000	$51,484,000	$370,942,000
2019	$260,054,000	$46,456,000	$44,767,000	$351,277,000
2021	$243,197,000	$30,573,000	$30,615,000	$304,385,000
2023	$277,606,000	$36,910,000	$36,601,000	$351,117,000
2025	$291,282,000	$36,458,000	$37,334,000	$365,074,000

*2025 TIP programmed amounts are pulled directly from 2025 Financial Guidance

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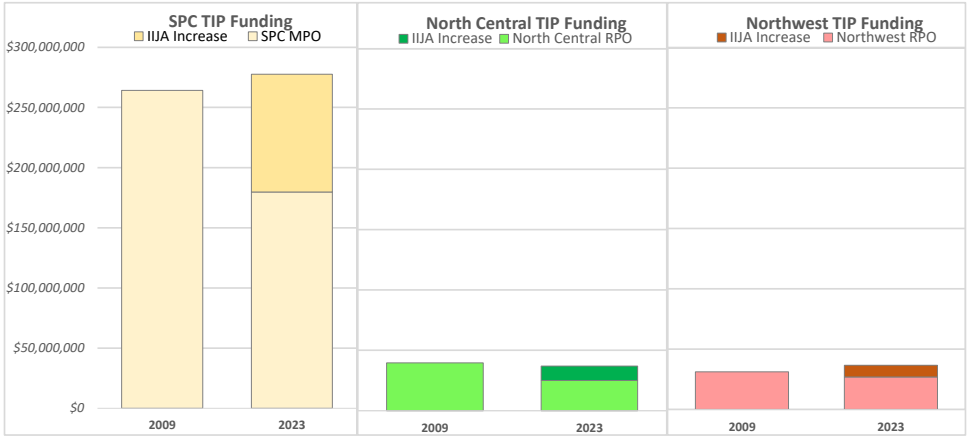
TRANSPORTATION IMPROVEMENT PROGRAM



TIP Cycle	Southwest Planning Commission (MPO) TIP Funds	North Central (RPO) TIP Funds	Northwest (RPO) TIP Funds
2009	$264,116,000	$39,510,000	$31,088,000
2011	$242,055,785	$32,456,786	$26,978,118
2013	$181,468,580	$28,176,003	$24,131,367
2015	$269,461,093	$50,495,525	$42,623,356
2017	$265,897,274	$47,481,952	$40,466,226
2019	$243,196,048	$47,023,441	$33,363,223
2021	$213,780,298	$32,056,886	$25,670,753
2023	$277,605,747	$36,909,600	$36,601,805

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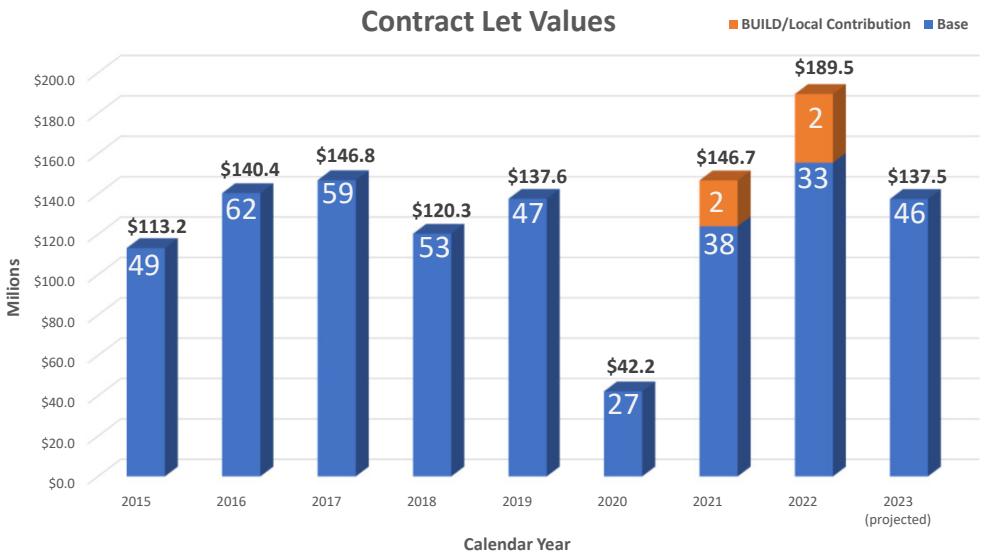
2015-2023 LET TOTALS



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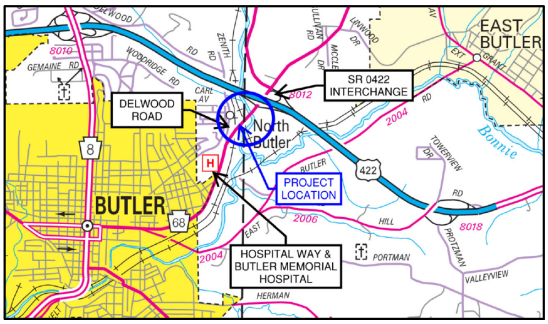
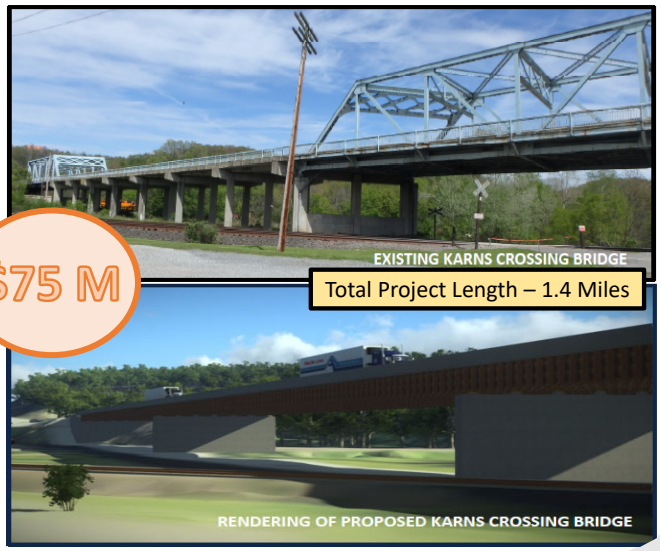
BRIDGE PLANNING - KARNS CROSSING

SR 68 Karns Crossing Bridge Replacement Project

- 12 spans – 868 feet total length
  - Over B&LE and B&P railroads
- Twin Cell Concrete Arch Culvert
- Over Connoquenessing Creek
- Design year ADT 12,900
- Link between U.S. 422 and Butler City

- $74.5M construction estimate
  - **Inflation** – 2020 Estimate was $52M
- $37.5M on TIP





$75 M

Total Project Length – 1.4 Miles

Underfunded Critical Infrastructure

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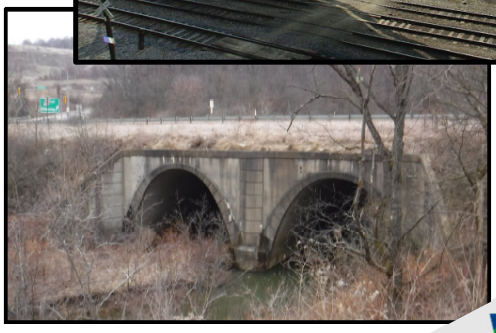
BRIDGE PLANNING - KARNS CROSSING

- **Pursuit of discretionary funds**
  - $6M in discretionary federal Community Project Funding already committed to project
  - Federal Multimodal Project Discretionary Grant – Rural Category
    - PennDOT Program Center submitted application in August 2023 seeking $26M in grant funds



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EXPECTATIONS

COST ESTIMATES

- Upon significant changes to quantities
- Item changes
- Deliverable updates
- Minimum every 6 months

If on time - your Late!

Communication

- Stay ahead of PennDOT PM
- Review your work before submitting
- Design and Manage as if it were your own
- Recommend Solutions
- Pick up the phone and speak to PennDOT PM

Own your Projects!

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NON-INTERSTATE CORRIDOR OVERVIEWS

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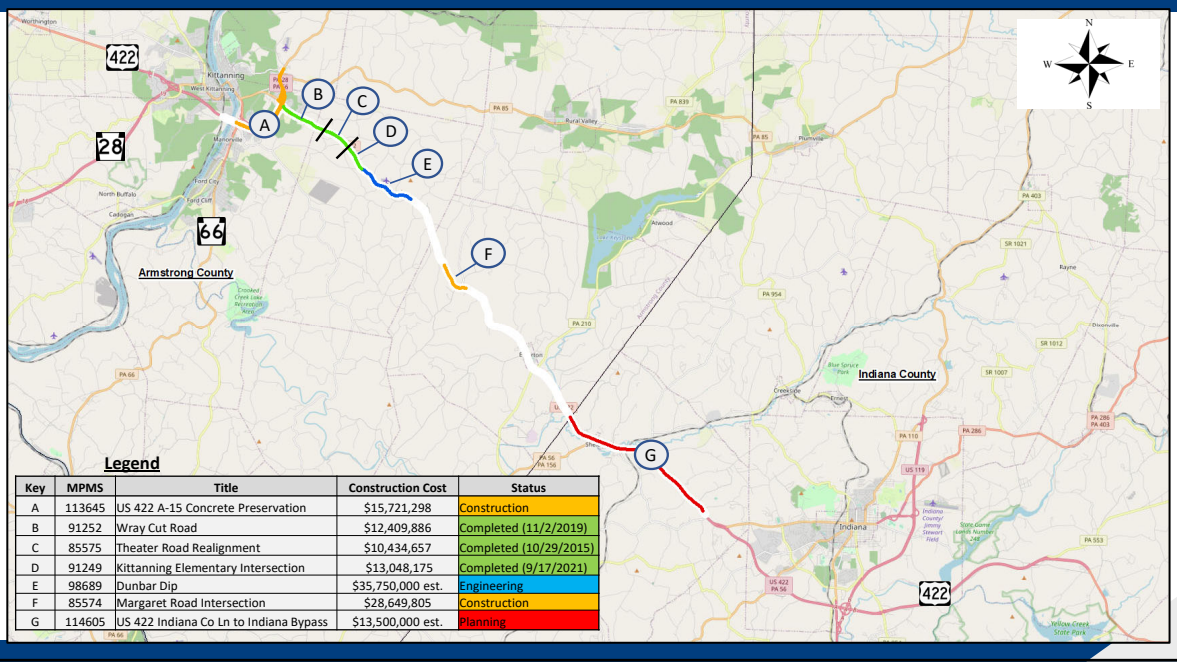
U.S. 422 CORRIDOR (KITTANNING TO INDIANA)



Legend

Key	MPMS	Title	Construction Cost	Status
A	113645	US 422 A-15 Concrete Preservation	$15,721,298	Construction
B	91252	Wray Cut Road	$12,409,886	Completed (11/2/2019)
C	85575	Theater Road Realignment	$10,434,657	Completed (10/29/2015)
D	91249	Kittanning Elementary Intersection	$13,048,175	Completed (9/17/2021)
E	98689	Dunbar Dip	$35,750,000 est.	Engineering
F	85574	Margaret Road Intersection	$28,649,805	Construction
G	114605	US 422 Indiana Co Ln to Indiana Bypass	$13,500,000 est.	Planning

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MARGARET ROAD INTERSECTION

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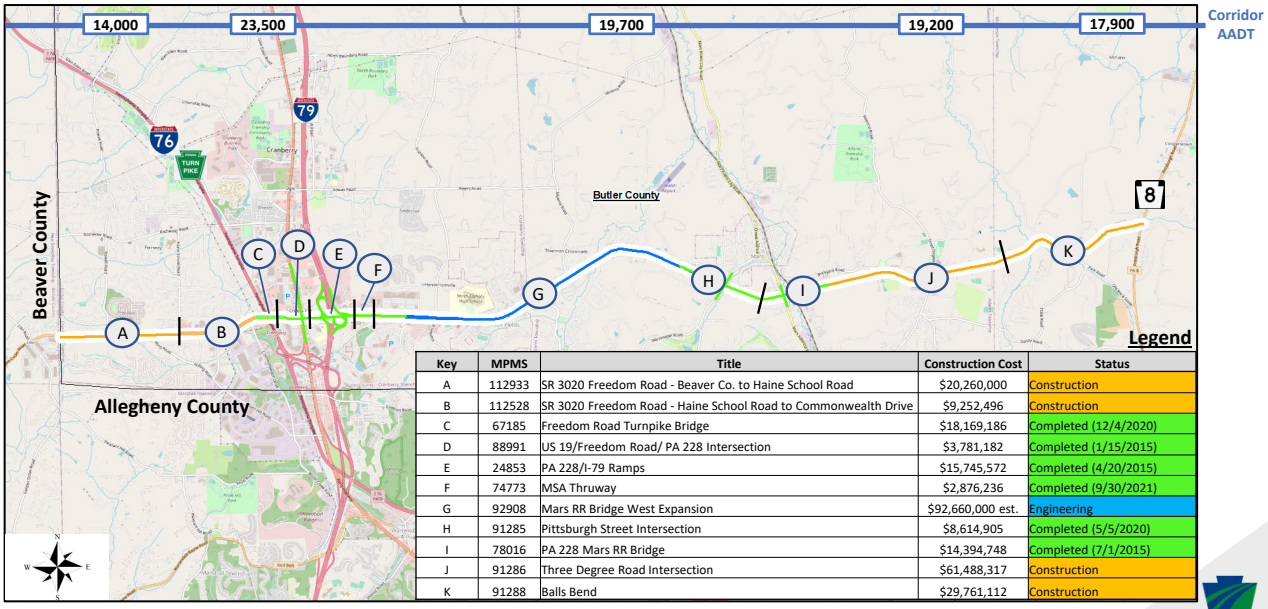
GATEWAY 228 CORRIDOR



Key	MPMS	Title	Construction Cost	Status
A	112933	SR 3020 Freedom Road - Beaver Co. to Haine School Road	$20,260,000	Construction
B	112528	SR 3020 Freedom Road - Haine School Road to Commonwealth Drive	$9,252,496	Construction
C	67185	Freedom Road Turnpike Bridge	$18,169,186	Completed (12/4/2020)
D	88991	US 19/Freedom Road/ PA 228 Intersection	$3,781,182	Completed (1/15/2015)
E	24853	PA 228/I-79 Ramps	$15,745,572	Completed (4/20/2015)
F	74773	MSA Thruway	$2,876,236	Completed (9/30/2021)
G	92908	Mars RR Bridge West Expansion	$92,660,000 est.	Engineering
H	91285	Pittsburgh Street Intersection	$8,614,905	Completed (5/5/2020)
I	78016	PA 228 Mars RR Bridge	$14,394,748	Completed (7/1/2015)
J	91286	Three Degree Road Intersection	$61,488,317	Construction
K	91288	Balls Bend	$29,761,112	Construction

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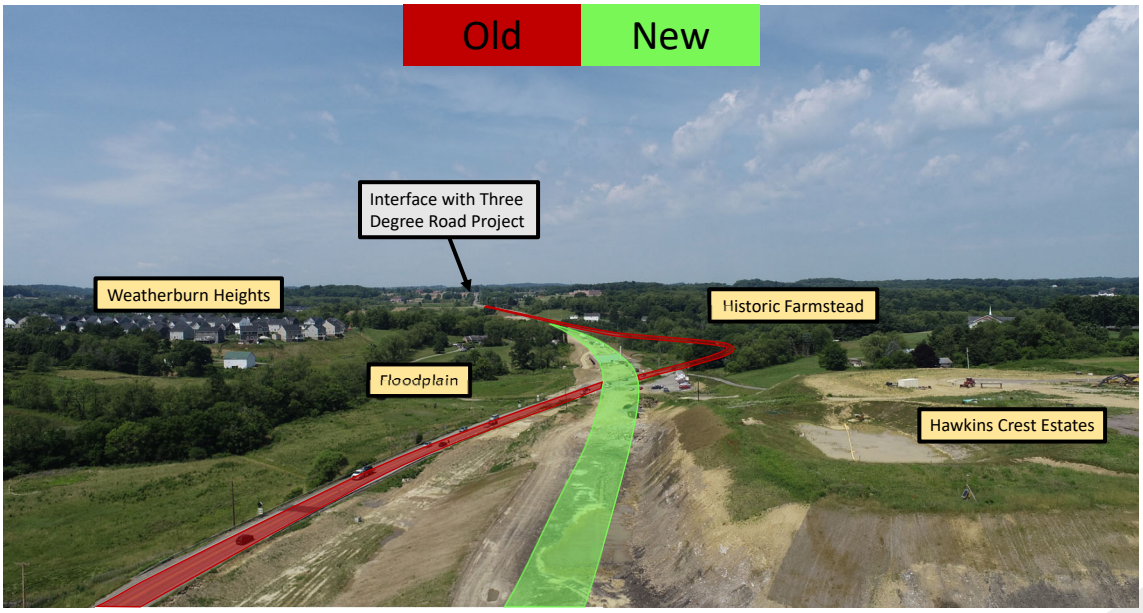
BALLS BEND SAFETY IMPROVEMENT



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Upcoming D10 Advertisements

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DISTRICT ADVERTISEMENT SUMMARY

2023 and Early 2024 (State Projects)

- 1 Engineering and Environmental Services Open Ends
- 1 Traffic Open End
- 1 Construction Inspection Project Specific
- 1 Construction Inspection Open End
- 1 Roadway Agreement
- 4 Structure Agreements

- 9 Total Agreements

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DISTRICTWIDE OPEN END AGREEMENTS

1 – Engineering and Environmental Services Open End

- Engineering and Environmental Services
- $2,000,000
- E05840 - Advertisement: 1st Quarter 2024
- E05840 - Execution Anticipated: 2nd Quarter 2024

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DISTRICTWIDE OPEN END AGREEMENTS

1 – Traffic Engineering Open End - E05894

- Traffic Services
- $1,000,000
- E05894 – Anticipated Advertisement: 2nd Quarter 2024
- E05894 – Execution Anticipated: 3rd Quarter 2024

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CONSTRUCTION INSPECTION

1 – Construction Inspection Project Specific – Callery Group Bridges

- Construction Inspection
- Small Business Component
- $350,000
- E05494 – Anticipated Advertised: 4th Quarter 2023
- E05494 – Execution Anticipated: 1st Quarter 2024

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CONSTRUCTION INSPECTION

1 – Construction Inspection Open End

- Construction Inspection
- $1,250,000
- E05899 – Anticipated Advertised: 4th Quarter 2023
- E05899 - Execution Anticipated: 1st Quarter 2024

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Clarion County

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I80 BOYD RUN CULVERT REHAB

- MPMS # 116492
- Agreement # E05825
- I-80
- Beaver Township, Clarion County
- Advertisement: 9/25/23
- Anticipated NTP: 1st Quarter 2024
- Culvert Rehabilitation

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Butler County

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DEPARTMENT OF TRANSPORTATION

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SR1004 BRUIN BRIDGE #5

- MPMS # 24814
- Agreement # E05900
- SR 1004
- Bruin Borough, Butler County
- Anticipated Advertisement: 4th Quarter 2023
- Anticipated NTP: 1st Quarter 2024
- Bridge Replacement

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US 422 OVER SR4005

- MPMS # 24690
- Agreement # E05901
- US 422
- Muddy Creek Twp, Butler County
- Anticipated Advertisement: 2nd Quarter 2024
- Anticipated NTP: 3rd Quarter 2024
- Bridge Replacement

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Indiana County

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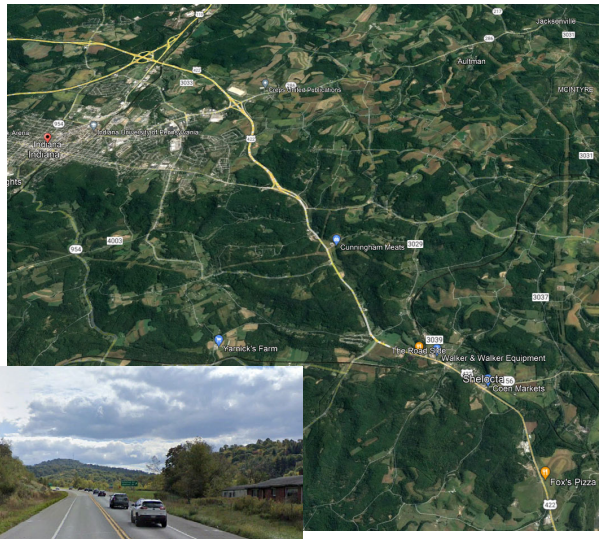
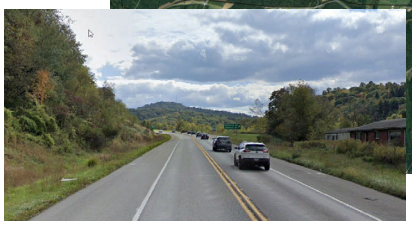
US 422 INDIANA COUNTY LINE TO BYPASS

- MPMS # 114605
- Agreement # E05839
- US 422
- Armstrong Twp, Indiana County
- Anticipated Advertisement: 2nd Quarter 2024
- Anticipated NTP: 3rd Quarter 2024
- Highway Resurface with possible off-line geometry improvements





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SR1045 BROADHEAD RUN BRIDGE #2 - FD

- MPMS # 25587
- Agreement # E05841
- SR 1045
- Canoe Twp, Indiana County
- Advertisement: 10/2/23
- SOI's Due: 10/12/23
- Anticipated NTP: 1st Quarter 2024
- Bridge Replacement

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Thank You!

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