

PENNDOT ENGINEERING DISTRICT 1-0

ASHE FRANKLIN CONFERENCE



JANUARY 23, 2024

EXECUTIVE STAFF



Brian McNulty, P.E.
District Executive



Aaron Fox
ADE-Maintenance



Tom McClelland,
P.E. ADE-Design



Dax Nulph, P.E.
ADE-Construction



Brad Alden
Fiscal



Kristi Settlemire
HR Officer



Conrad Nason
IT Coordinator



Vince Mazzocchi, P.E.
IDM Manager



Dorothy Staub
Admin. Asst.



Jill Harry
Press Officer



PERSONNEL CHANGES

Aaron Fox

Assistant District Executive for
Maintenance



Ken Sanoski, P.E.

District Bridge Engineer



Ben Vincent, P.E.

Assistant District Bridge
Engineer



STAR OF EXCELLENCE



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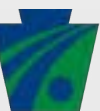


CONSULTANT AGREEMENTS

Construction Inspection Agreements

- Almost \$6 Million in construction inspection agreements for 2024:
 - Project-Specific
 - I-79 Crawford Co: \$650K
 - SR 4034 Erie Co: \$280K
 - SR 531 Erie Co: \$765K
 - SR 6 Crawford Co: \$1.2M
 - Open-End
 - Two agreements at \$1M and \$2M

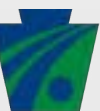
All agreements except the \$2M open-end are advertised as of this writing.



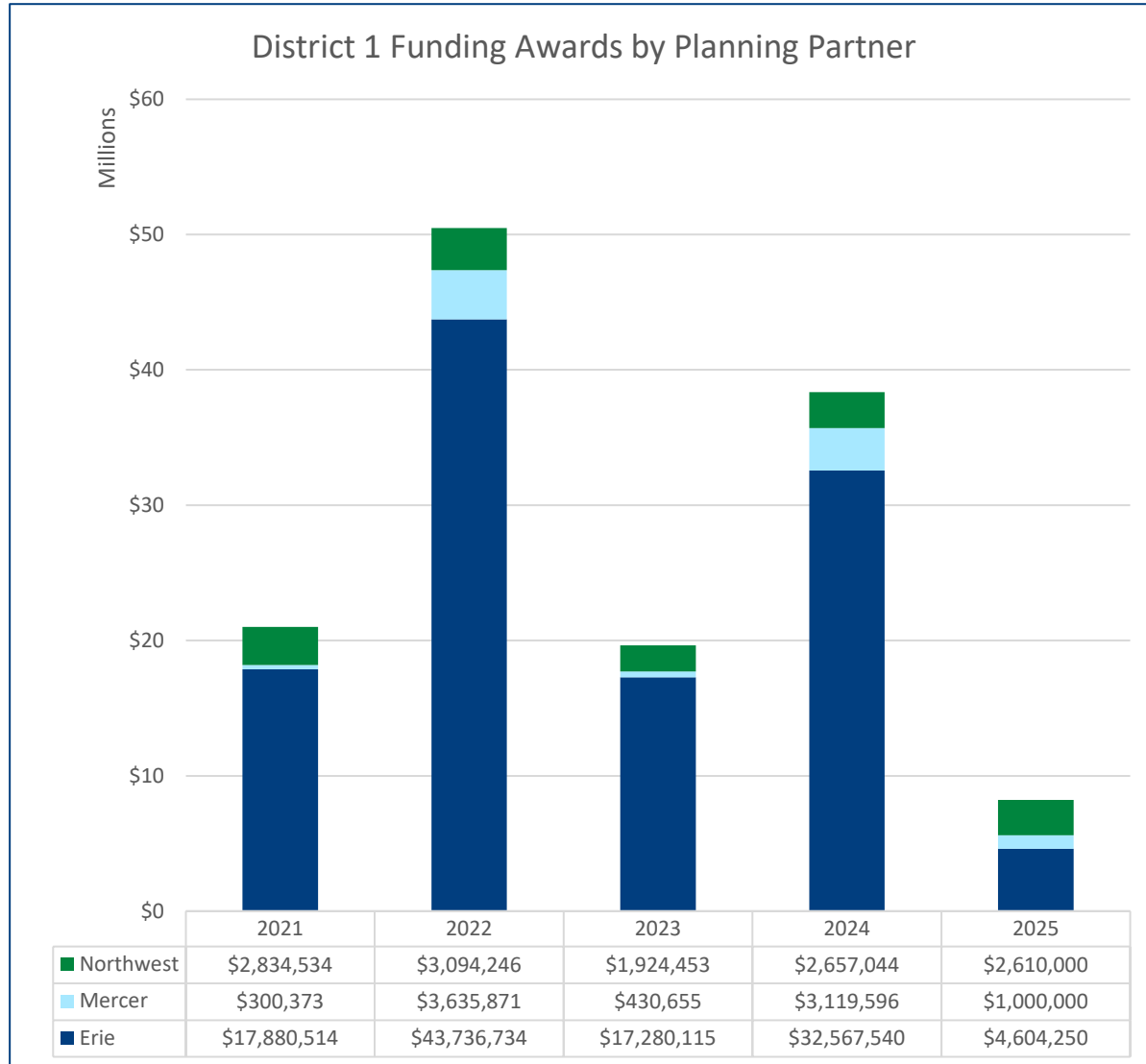
CONSULTANT AGREEMENTS

Consultant Design Agreements

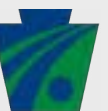
- \$21.5 Million capacity for non-project specific open-end agreements
 - Shared between design and construction units
- Upcoming agreements:
 - \$2 Million open-end advertisement in February
 - \$1.5 Million open-end advertisement in March
 - Project-specific agreement for the next 2 phases of the I-80 reconstruction (Spring 2024 advertisement)
 - May have additional open-ends near the end of the year



CAPITAL FUNDING

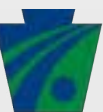
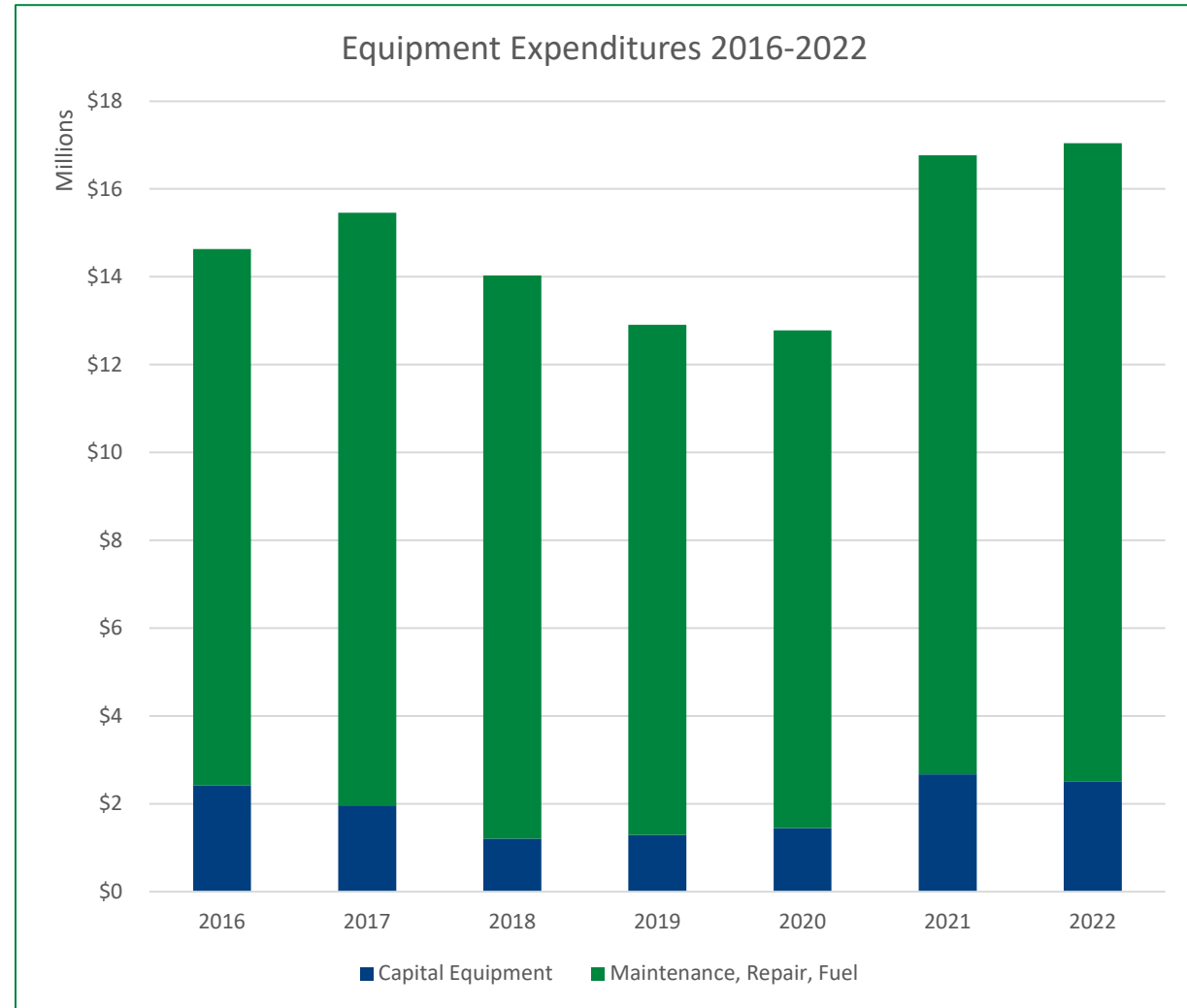


- About \$138 Million in discretionary funding in 2021-25
 - Erie: \$116 Million
 - Mercer: \$8.5 Million
 - Northwest: \$13.1 Million



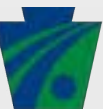
MAINTENANCE FUNDING

- \$125 Million moved from PA State Police to Motor License Fund in FY 2023 (statewide)
 - \$50M to construction
 - \$50M to highway maintenance
 - \$25M to capital equipment
- District 1 invests an average of \$14.7M in equipment annually
 - Includes purchase of some new equipment, plus maintenance, repair and fuel costs
 - Does not include purchase of new equipment by central office for D1

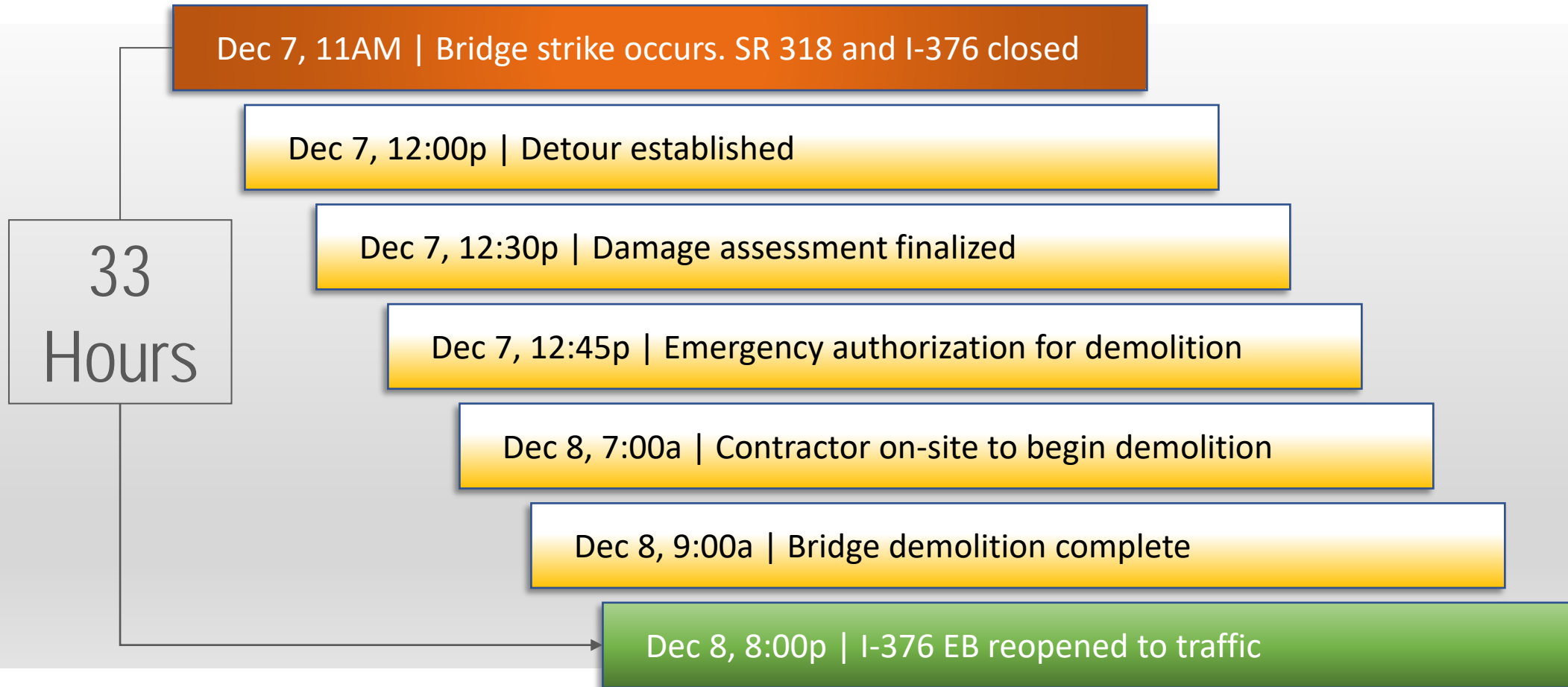


SR 318 BRIDGE STRIKE

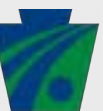
- Bridge carrying SR 318 over I-376
 - SR 318 about 3,200 AADT; I-376 about 6,600 AADT
- Strike reported Dec 7, 2023 at 11AM
 - Roll-off dumpster truck with boom extended struck through the first two beams, damaged the third and pierced through the deck
- I-376 EB traffic detoured via ramps at SR 318 interchange
- I-376 EB reopened Dec 8 at 8PM (33 hours after initial incident)



SR 318 BRIDGE STRIKE



Assessment, emergency authorization and reopening of I-376 EB was done within 33 hours following the strike.



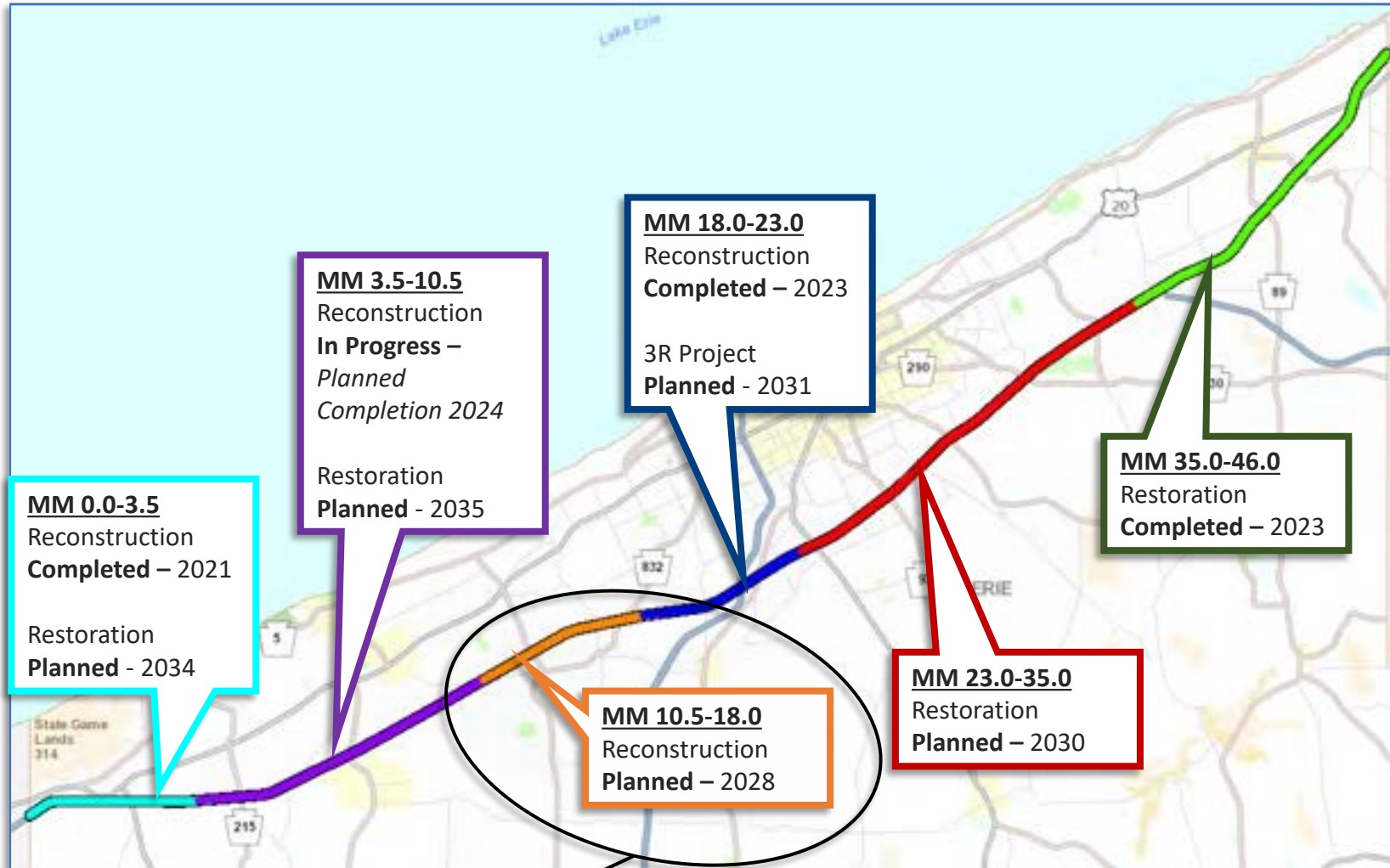
WARREN ROUNDABOUT



MESSERALL TRUSS

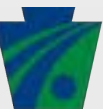


INTERSTATE 90 CONSTRUCTION



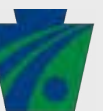
- Reconstruction of the western half (23 miles) completed or planned by 2028
- Restoration and rehabilitation planned for portions of the eastern half by 2030
- Four projects totaling over \$130 Million since 2019 (active and completed projects to date)

Next phase - Letting Jan 2028



INTERSTATE 90 CONSTRUCTION

SR 215 Bridge Removal



INTERSTATE 90 CONSTRUCTION

New SR 215 Overpass



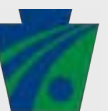
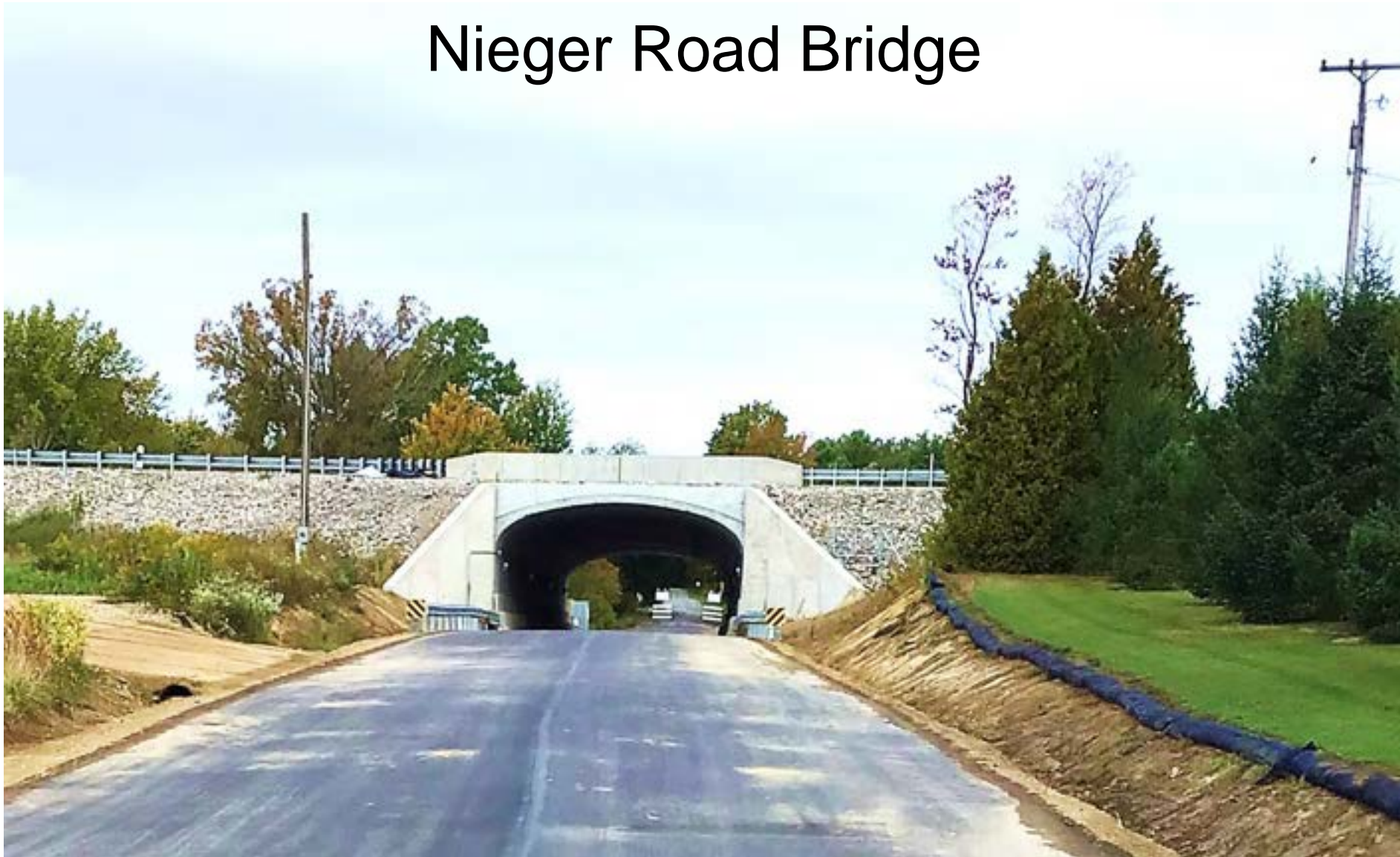
INTERSTATE 90 CONSTRUCTION

Huntley Road Bridge



INTERSTATE 90 CONSTRUCTION

Nieger Road Bridge



INTERSTATE 90 CONSTRUCTION

Route 18 Interchange



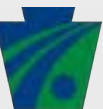
BAYFRONT PARKWAY PROJECT

- \$111 Million construction contract
- Four construction phases spanning 2023-2027
- Features:
 - Two-lane roundabouts at Sassafra Street Extension and Holland Street
 - Grade-separated intersection at State Street
 - Sidewalk and crosswalk upgrades throughout
 - Multi-use trail connecting the existing trail network, downtown, and the waterfront
 - Overhead pedestrian bridge at Holland Street



Supplemental Projects:

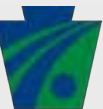
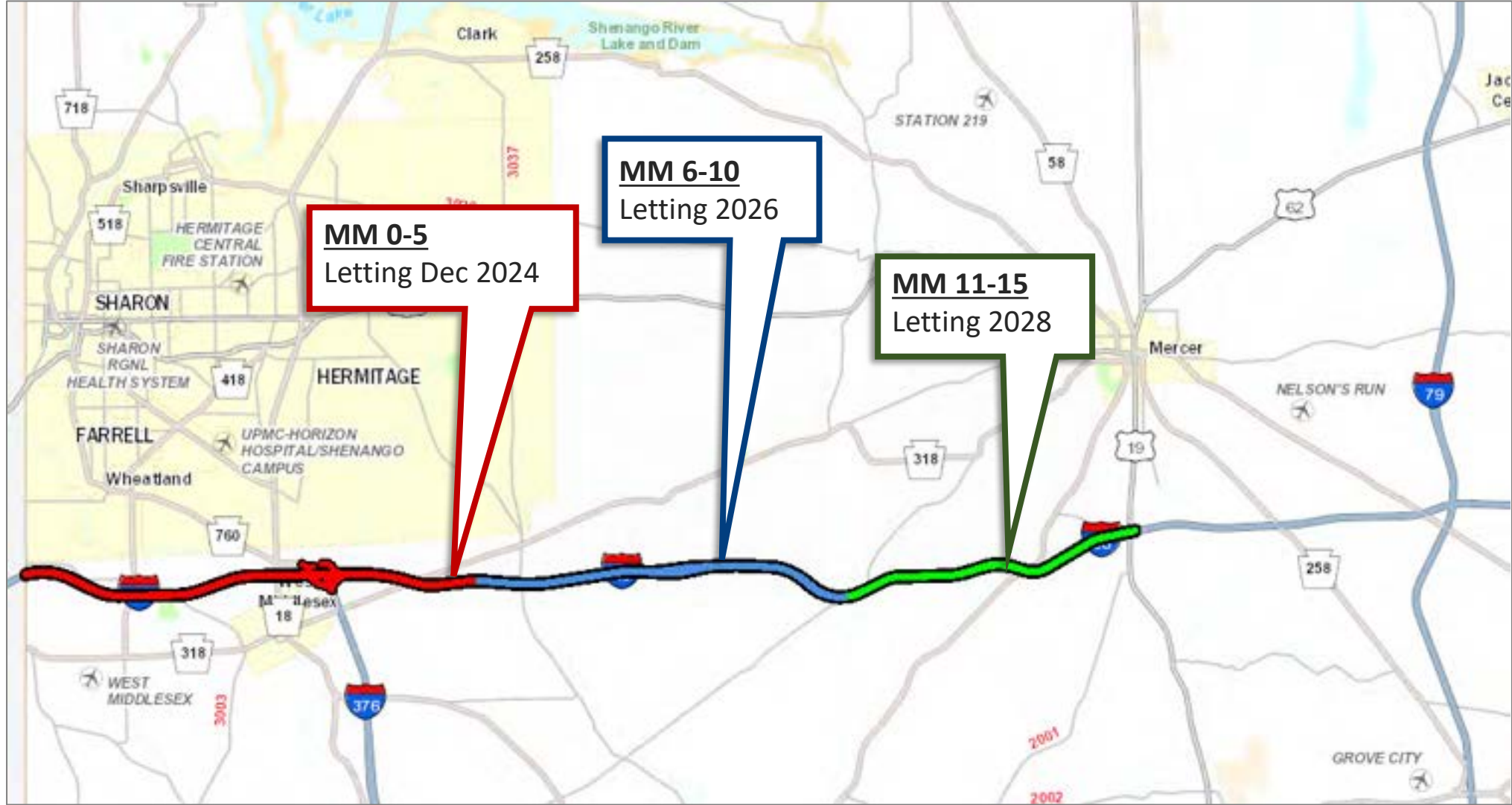
- Soldiers' and Sailors' Home multi-use bridge
- 12th Street signal and pedestrian improvements
- Erie East Side Active Transportation Study
- Cranberry Street Safety Improvement Project
- Eastern Bayfront (Sixth Street) Pedestrian and Roadway Improvement



BAYFRONT PARKWAY, ERIE



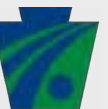
INTERSTATE 80 CONSTRUCTION



MERCER, SR 62 RAILROAD TUNNEL



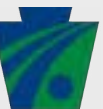
- Tunnel carrying SR 62 under Canadian National Railway in Coolspring, Mercer County
- Replacement of the structurally deficient tunnel and clearance increase to 16'-6"
- Railroad constraints:
 - Railroad detouring is not feasible
 - RR realignment would affect 8200'
 - RR closures limited to 1-2 days
 - At-grade crossing could be considered
- Estimated let in 2029



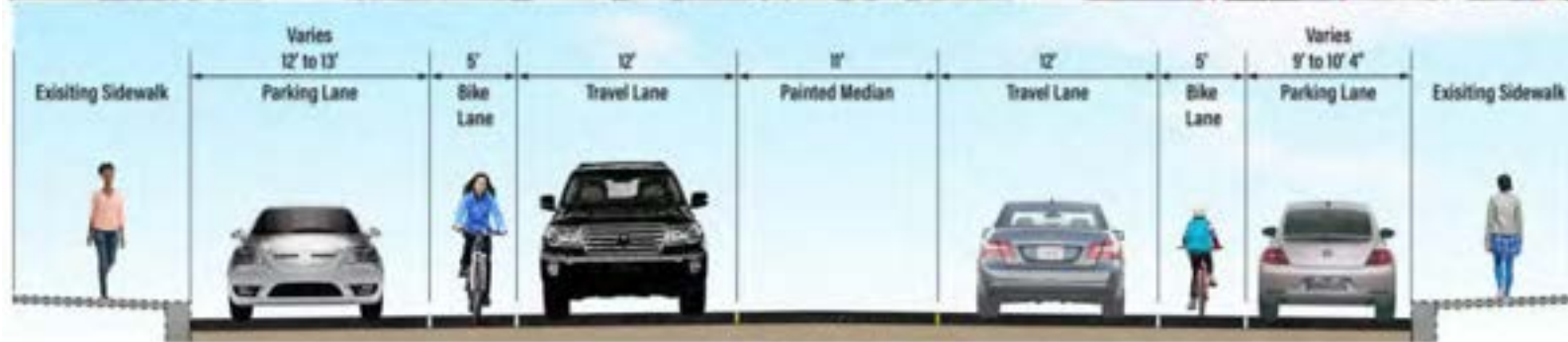
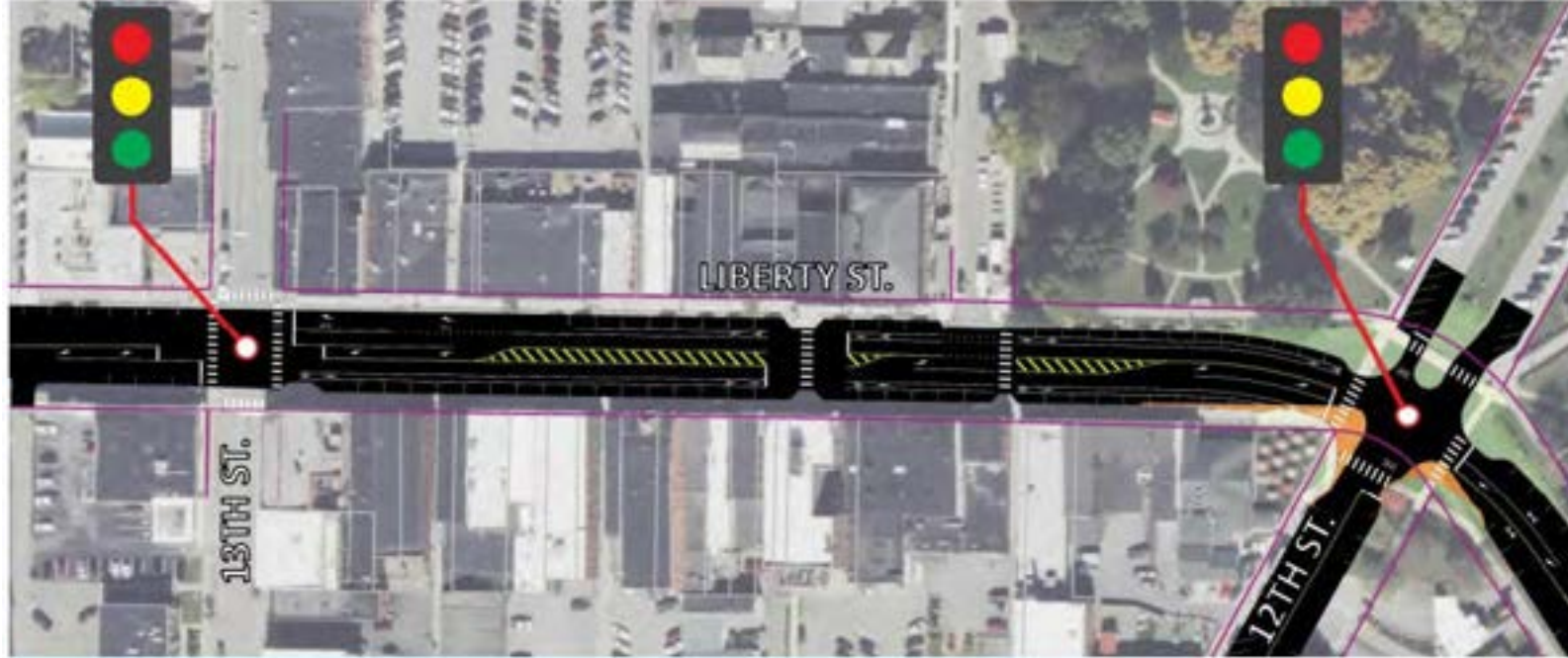
SR 6N UNDERPASS ERIE COUNTY



- Replacement of Bessemer/Lake Erie RR structure over Route 6N in Erie County
- Includes roadway widening and lowering profile to increase horizontal and vertical clearances
- Updates to drainage and guiderail
- Estimated let date: June 30, 2027



LIBERTY STREET, FRANKLIN



TYPICAL SECTION – LOOKING EAST TOWARD 12TH ST

- 12th Street intersection improvements:
 - Flattening existing curve at the intersection
 - Add bump-outs to shorten pedestrian crossings
 - Improve signal visibility
 - Increase sight distance
 - New pavement markings
 - New signal location
- Liberty Street changes:
 - Single lane each direction
 - Painted center median
 - Dedicated bicycle lanes
 - Estimated let date: Dec 1, 2025

