

OLD ROCHESTER-BRIDGEWATER BRIDGE AND WEST MADISON STREET BRIDGE REHABILITATION

BRIDGEWATER BOROUGH AND ROCHESTER BOROUGH, BEAVER COUNTY
VIRTUAL PUBLIC OFFICIALS AND STAKEHOLDER MEETING



JUNE 30, 2026



U.S. Department of Transportation
Federal Highway Administration



Pennsylvania
Department of Transportation

AGENDA

☐ Introduction

- Project Team
- Project Location

☐ Project Details

- Existing Bridge Information
- Proposed Project Improvements
- Traffic Control
- Right-of-Way Impacts
- Section 106
- National Environmental Policy Act
- Section 6(f)
- Project Schedule

☐ Question and Answer Session



PROJECT TEAM



PennDOT District 11-0

- **Doug Seeley, PE** – Assistant District Executive, Design
- **Josh Prines, PE** – Project Manager
- **Cheryl Solosky, PE** – Senior Project Manager
- **Ken Buckley** – Assistant Construction Manager
- **Keith Cornelius, PE** – District Bridge Engineer
- **Stephanie Zolnak, PE** – District Traffic Engineer
- **Mark Young** – District Environmental Planning Manager
- **Nicole Haney** – District Press Officer
- **Jacqueline Evans, PE** – District Right-of-Way Administrator
- **Bob Billick** – Environmental Team Member
- **Joe Kurnot, PE** – Roadway Team Member



WSP

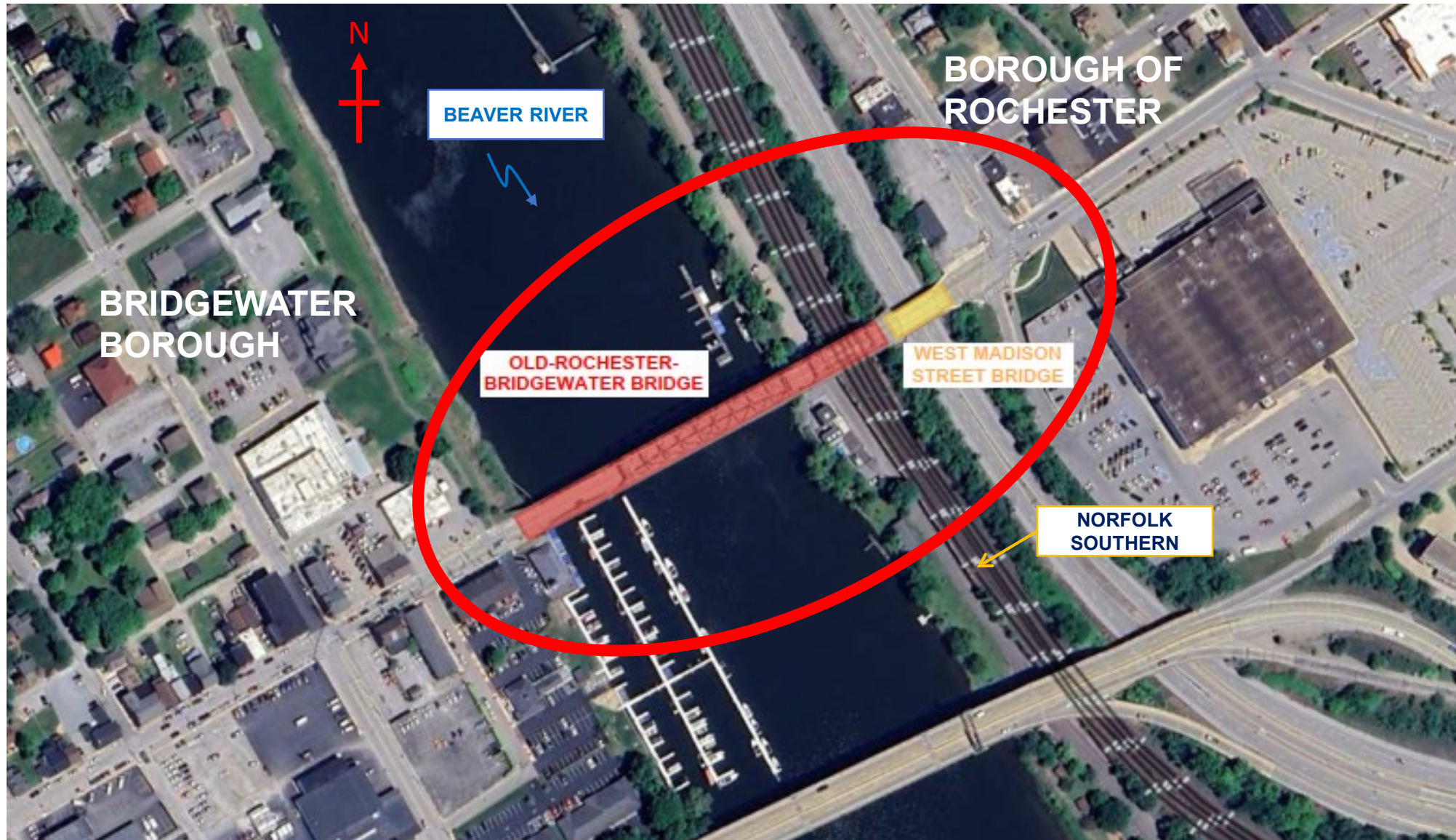
- **Scott Rolley, PE** – Project Manager
- **Michael O'Connor, PE** – Traffic Engineer
- **Josh Wenk, PE** – Bridge Engineer
- **Bryce Miller, PE** – Roadway Engineer

PROJECT INTRODUCTION

OLD ROCHESTER-BRIDGEWATER BRIDGE & WEST MADISON STREET BRIDGE REHABILITATIONS

- The purpose of this presentation is to introduce the project to the public, gather feedback, and present the proposed design.
- The purpose of the project is to provide safe crossings on SR 4042 B03 (Old Rochester-Bridgewater Bridge) over the Beaver River, Old Beaver River Blvd and CSX Railroad and SR 4042 B04 (West Madison Street Bridge) over SR 65.
 - Portions of the existing bridges will be removed, replaced and/or repaired.

PROJECT LOCATION



EXISTING BRIDGE INFORMATION

OLD ROCHESTER-BRIDGEWATER BRIDGE

- **Carries SR 4042, Bridge Street**
- **Crosses:**
 - Norfolk Southern RR (Span 1)
 - Old Beaver River Blvd. (Span 1)
 - Beaver River (Spans 2 & 3)
- **Bridge Length – 648'**
- **Roadway Width – 32'-6"**
- **Superstructure:**
 - Steel Through Truss (Spans 1 and 2)
 - Steel Pony Truss (Span 3)
- **Substructure:**
 - Abutment 1 – Reinforced Concrete
 - Abutment 2 – Stone Masonry / Reinforced Concrete
 - Piers – Reinforced Concrete



EXISTING BRIDGE INFORMATION

WEST MADISON ST. BRIDGE

- Carries SR 4042, West Madison St.
- Crosses SR 65
- Bridge Length – 71'
- Roadway Width – 32'-0"
- **Superstructure:**
 - Prestressed Spread Box Beams
- **Substructure:**
 - Abutments – Reinforced Concrete



PROPOSED PROJECT IMPROVEMENTS

OLD ROCHESTER-BRIDGEWATER BRIDGE

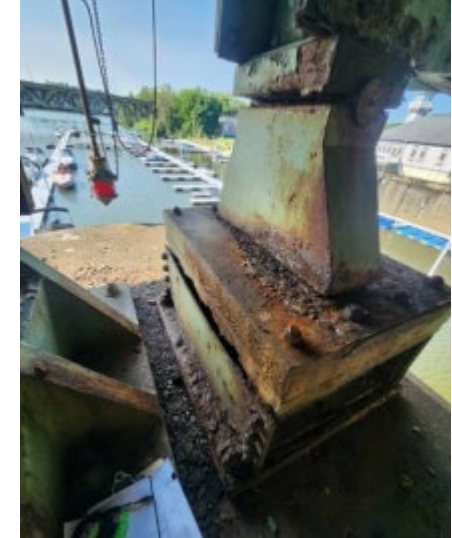
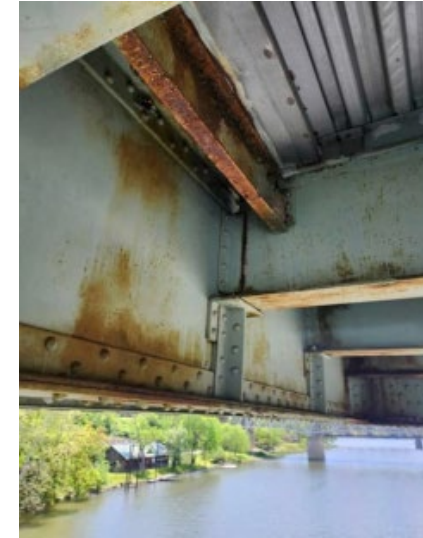
- Replacement of bridge deck
- Replacement of sidewalks
- Replacement of approach slabs
- Installation of concrete barrier
- Complete painting of bridge superstructure
- Miscellaneous structural steel repairs
- New expansion joints
- Rehabilitation of steel pedestrian railing



PROPOSED PROJECT IMPROVEMENTS

OLD ROCHESTER-BRIDGEWATER BRIDGE, cont.'

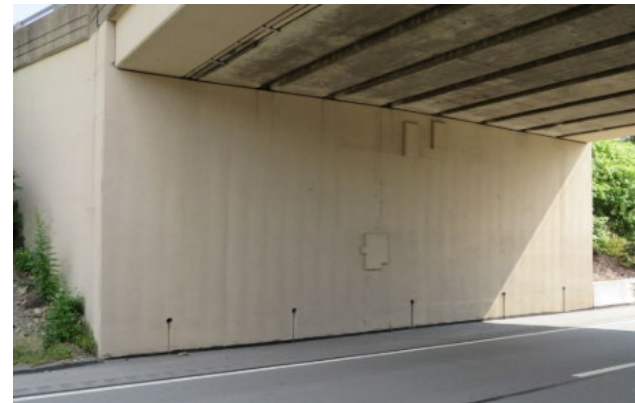
- Replacement of all bearings
- New drainage systems
- Concrete and masonry substructure repairs
- Replacement of navigation lighting system



PROPOSED PROJECT IMPROVEMENTS

WEST MADISON ST. BRIDGE

- **Replacement of superstructure**
 - New steel plate girders
 - Deck, Sidewalk, Barriers
- **Replacement of approach slabs**
- **Installation of protective pedestrian fencing**
- **Misc. substructure repairs and modifications**



TRAFFIC CONTROL

- **Two (2) Detours Anticipated:**

1. **Long-term Detour**

- Rochester-Bridgewater Bridge and West Madison St. Bridge will both be closed to vehicular traffic for the duration of the project.
- Traffic will be detoured to the adjacent Beaver-Rochester Bridge (carrying SR 68/51), located about 600 feet to the South.
- Pedestrian access will be maintained throughout construction!

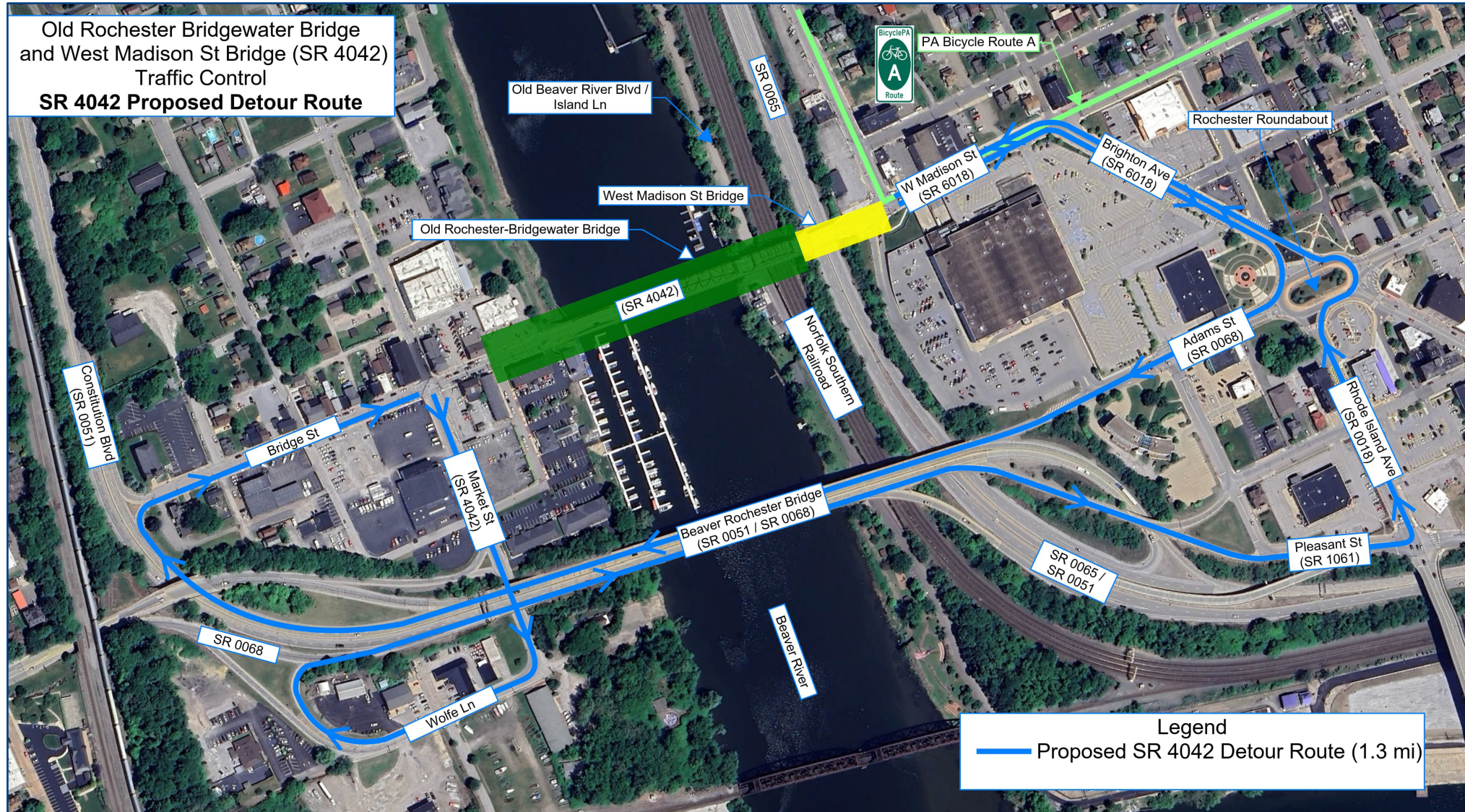
2. **Short-term Detour**

- SR 65 will have multiple short-term (nights and weekends) closures during the superstructure replacement work (demolition and beam erection) occurring on the West Madison St. Bridge.
- Traffic will be detoured to the adjacent Beaver-Rochester Bridge (carrying SR 68/51) and Veterans Memorial Bridge.

- **Lane Restrictions will be necessary on SR65 during various project phases**
- **Coordination with the United States Coast Guard and the Pennsylvania Fish and Boat Commission will occur and an Aids To Navigation plan will be designed and implemented during construction to aid marine navigation through the project area.**

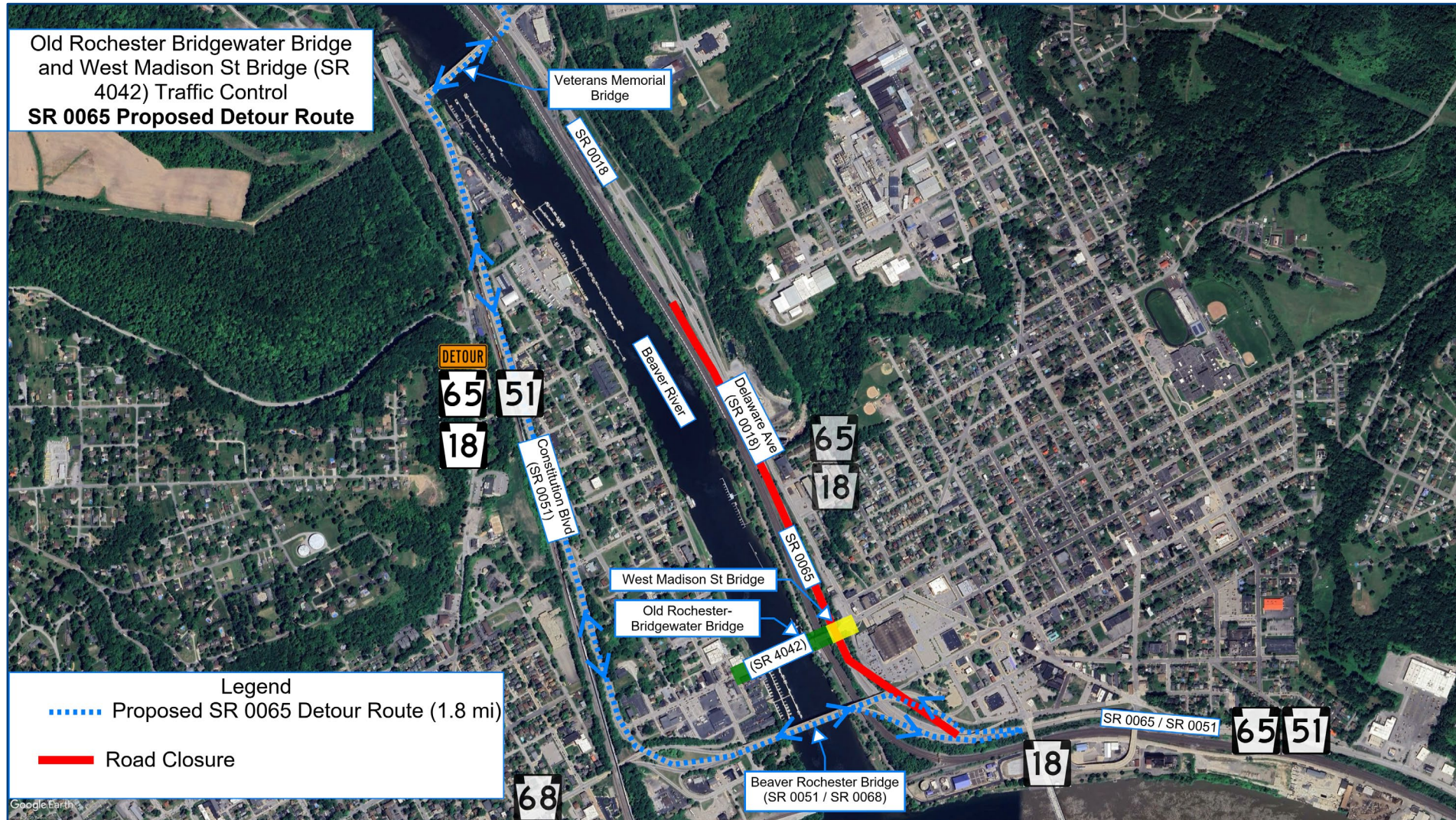
TRAFFIC CONTROL

1. Long-term Detour



TRAFFIC CONTROL

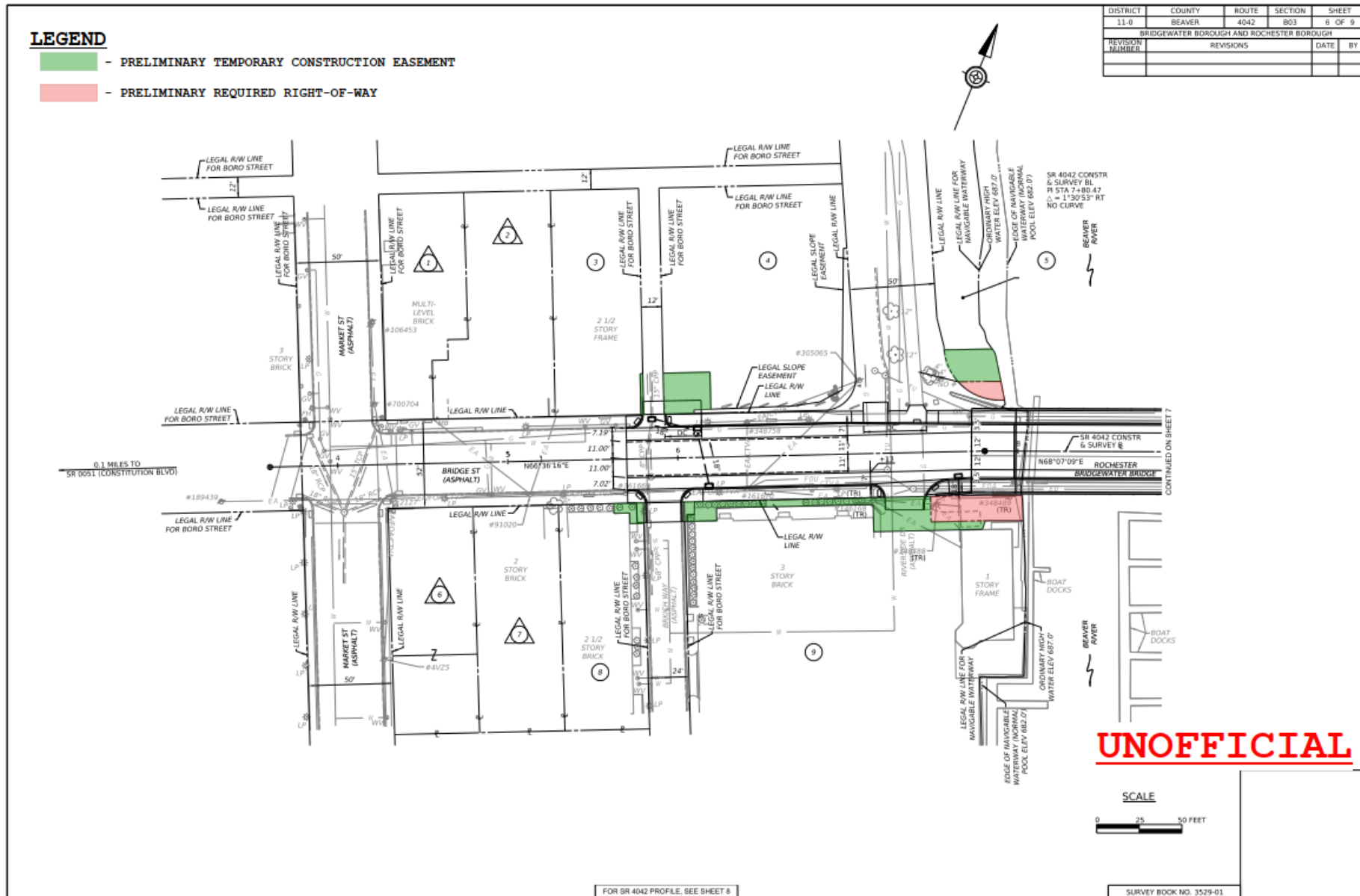
2. Short-term Detour

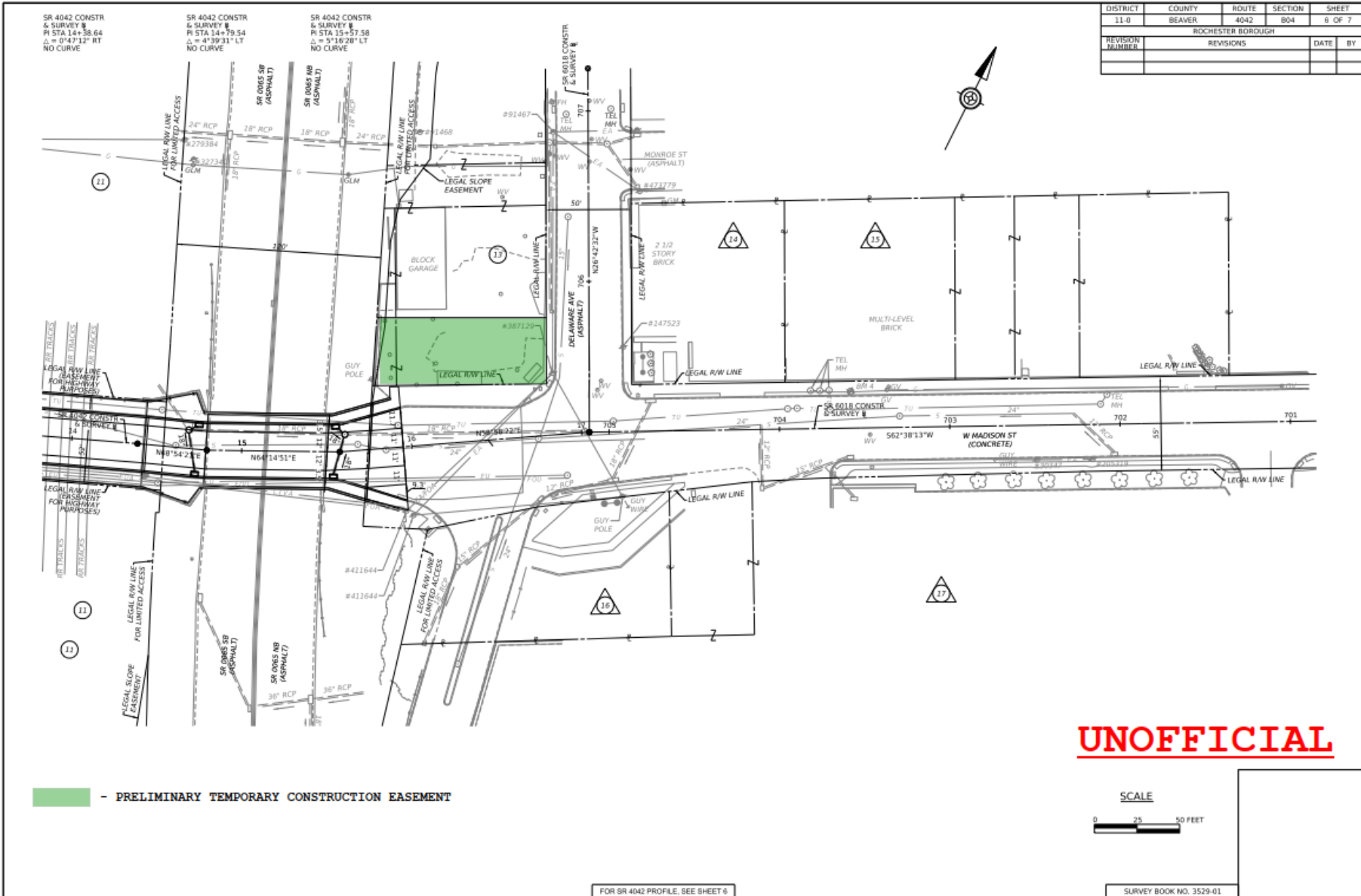


PRELIMINARY RIGHT-OF-WAY IMPACTS

- **Required Right-of-Way and Required Right-of-Way (Easement for Highway Purposes):** The Required Right-of-Way and Required Right-of-Way (Easement for Highway Purposes) is necessary for access during and after construction and for future maintenance, repair, and inspection requirements.
- **Temporary Construction Easement (TCE):** The TCE is necessary for construction staging and construction activities.
- **Required Aerial Easement:** Aerial easement rights provide the rights to access the structure in the air and on the ground for inspection, maintenance, repair, and construction. Aerial easement rights also restrict what the property owner can store and build in this area.
- Once the Unofficial/Preliminary right-of-way plan is finalized and approved in Final Design, each property owner that is impacted will be contacted by a real estate specialist / negotiator, to explain their right of way impacts and the right of way acquisition process.

PRELIMINARY RIGHT-OF-WAY IMPACTS





PRELIMINARY RIGHT-OF-WAY IMPACTS

9 Non-Residential Impacted Claimants

☐ **Temporary Construction Easement**

- Anticipated 6 non-residential properties impacted

☐ **Required Right-of-Way**

- Anticipated 2 non-residential properties impacted

☐ **Required Right-of-Way (Easement for Highway Purposes)**

- Anticipated 1 non-residential properties impacted

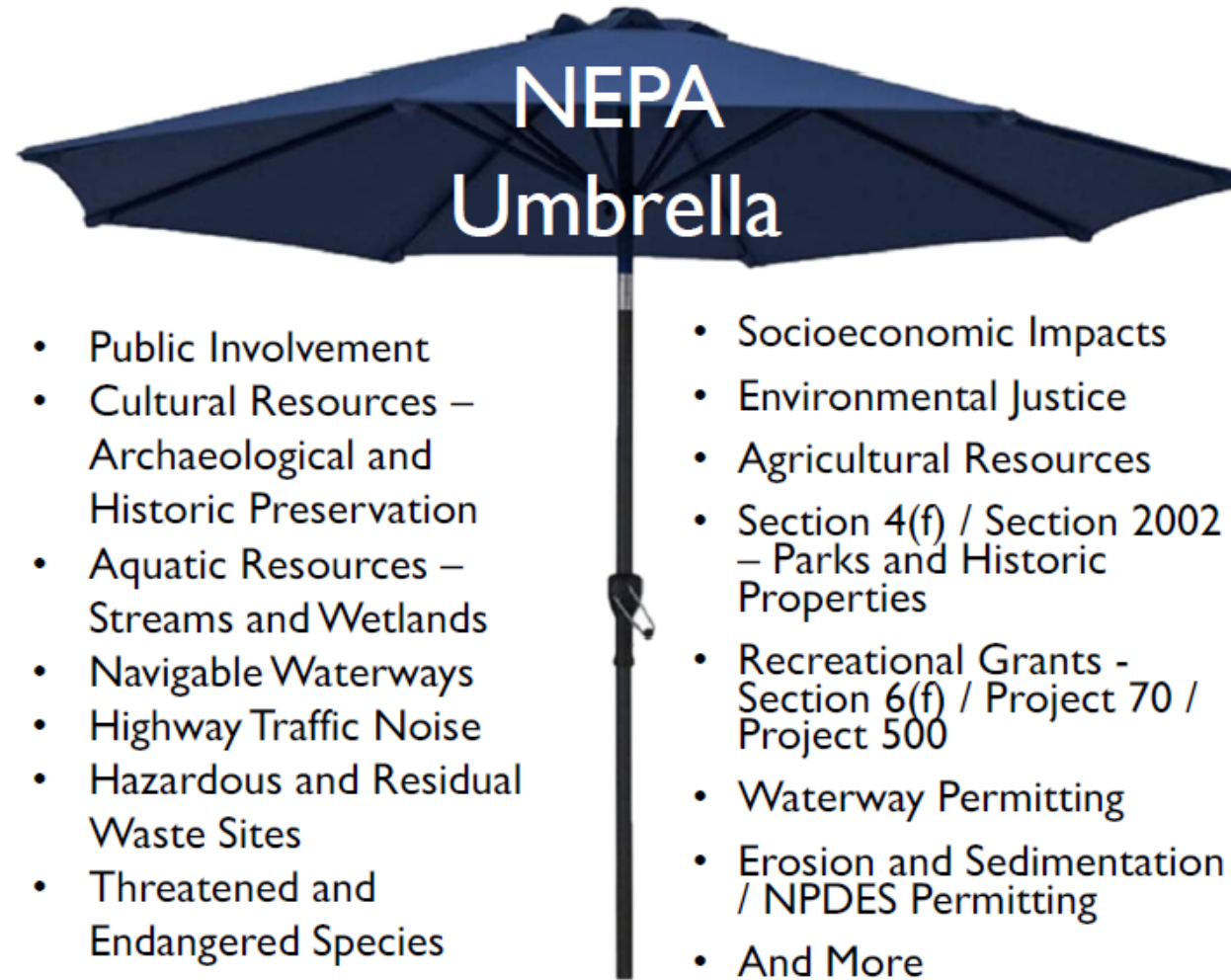
☐ **Required Aerial Easements**

- Anticipated 3 non-residential property impacted

NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

Public outreach begins with PennDOT Connects and extends into the **NEPA** (National Environmental Policy Act) process:

- PennDOT Connects is a project planning and development approach that engages local and planning partners by collaborating with stakeholders before project scopes are developed.
- NEPA requires agencies to integrate environmental values into their decision-making processes by considering the environmental impacts of their proposed actions and reasonable alternatives to those actions
- NEPA also includes public involvement activities and gathering feedback from the public
- This PowerPoint presentation is part of District 11-0's coordination with the public to obtain feedback on the project and to meet NEPA requirements.



HISTORIC RESOURCES - SECTION 106

When federal funds or permitting is included, Section 106 of the National Historic Preservation Act requires that federal agencies consider the presence of and impacts to historic and archaeological properties.

The Bridgewater Historic District is listed on the National Register of Historic Places (NRHP) and the Old Rochester-Bridgewater Bridge is a contributing resource to that historic district. The bridge is not individually eligible for the NRHP.

Other known historic properties are within the vicinity but not likely affected by the proposed project.

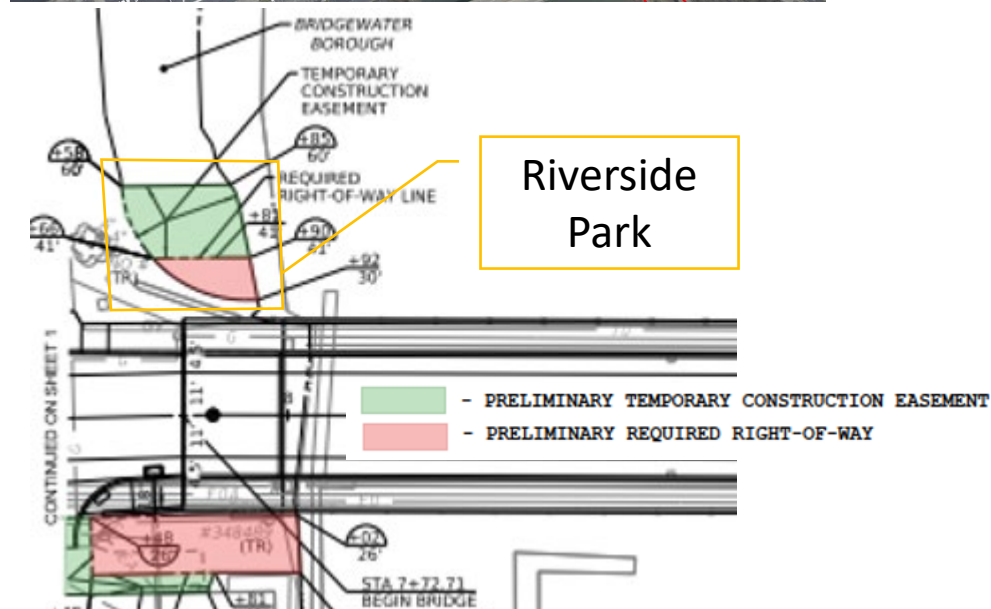
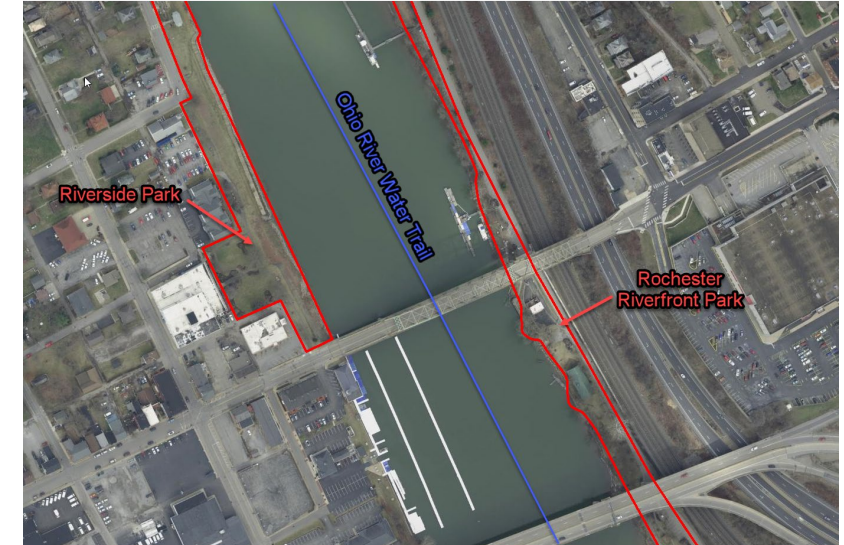
Section 106 affords the opportunity for Consulting Party (CP) participation; CPs are accepted based on historic preservation, legal or economic concerns relating to the project. If you would like more information on Consulting Party participation or the Section 106 consultation process, then contact a project team member.

RECREATIONAL RESOURCES – SECTION 4(F)

In Pennsylvania, there are both federal and state laws that govern the use of land from publicly owned parks, recreation areas, refuges, and historic sites for transportation projects.

This project area includes the following recreational resources:

- Rochester Riverfront Park – Access will be maintained throughout construction
- Ohio River Water Trail – Access will be maintained throughout construction
- Riverside Park – Access will be maintained throughout construction
 - Riverside Park is a protected/publicly owned environmental resource (Section 4(f) property) owned by The Borough of Bridgewater.
 - Based on the project design there will be a “use” of the Section 4(f) property through an required right-of-way and a temporary construction easement needed to construct the project (207 square feet of required right-of-way and 538 square feet of temporary construction easement).
 - This “use” of Riverside Park is being considered *de minimis* as it does not appear to adversely affect the features, attributes, or qualities that qualify Riverside Park for protection under Section 4(f).
 - Under Section 4(f), the public must be afforded an opportunity to review and comment on the effect of the project on the protected activities, features, and attributes of the property.
- If you have any comments or concerns related to project impacts to Rochester Riverfront Park, contact:
 - Mark Young, District Environmental Planning Manager – markyoung@pa.gov
 - Bob Billick, Assistant Environmental Manager (NEPA) – rbillick@pa.gov



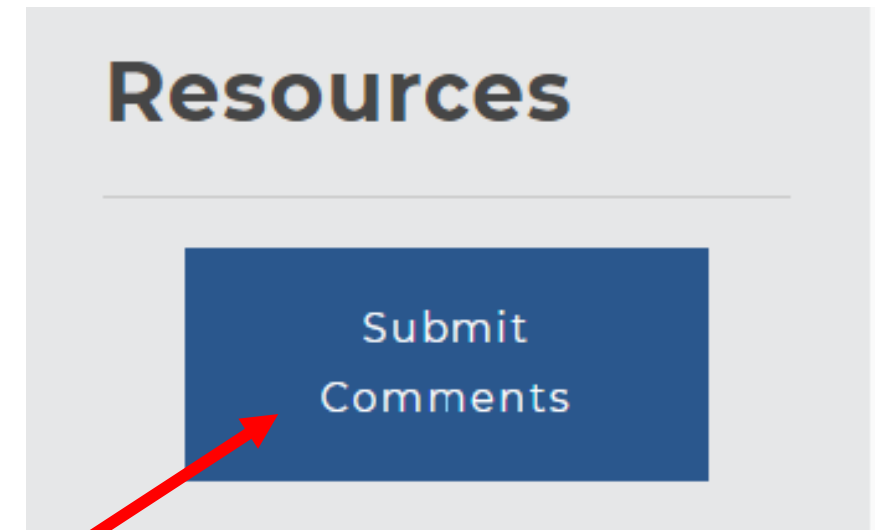
ANTICIPATED PROJECT SCHEDULE

- **The anticipated project construction cost is: \$15.75 Million**
 - Old Rochester-Bridgewater Bridge Rehabilitation: **\$13.75 Million**
 - West Madison St. Bridge Rehabilitation: **\$2 Million**
- **Note:** The project schedule and estimated construction costs are subject to change depending on the contractor's means and methods.
- **Anticipated Schedule:**
 - Final Design begins – Summer/Fall 2026
 - Right of Way Acquisition – Fall/Winter 2026
 - Construction begins – Summer/Fall 2027
 - Physical Work complete – Summer/Fall 2028

PROJECT SURVEY

PLEASE COMPLETE THE PROJECT SURVEY

- The project survey can be found on the project website.
- Click the tile under Resources labeled “Submit Comments” on the right side of the screen.



Click Here

QUESTION AND ANSWER SESSION

Thank you for your attendance and attention!

Questions/Comments/Feedback?

For additional information, please contact:

Josh Prines, PE
Project Manager
(412) 429-4834
jprines@pa.gov