

STEEN ROAD BRIDGE SUPERSTRUCTURE REPLACEMENT

STEEN ROAD OVER CHARTIERS CREEK
COLLIER TOWNSHIP, ALLEGHENY COUNTY



PROJECT TEAM

- **PROJECT SPONSOR – COLLIER TOWNSHIP**

- George Macino – Township Manager
412-279-2525
gmacino@colliertwp.net
2418 Hilltop Road, Suite 100 / Presto, PA 15142

- **PENNDOT ENVIRONMENTAL UNIT**

- Mark J. Young – District Environmental Planning Manager
- Nicholas Krobot, PE – Assistant Environmental Project Manager

- **PENNDOT PRESS OFFICE**

- Steve Cowan – District Press Officer



Gibson-Thomas
ENGINEERING



U.S. Department of Transportation
Federal Highway
Administration

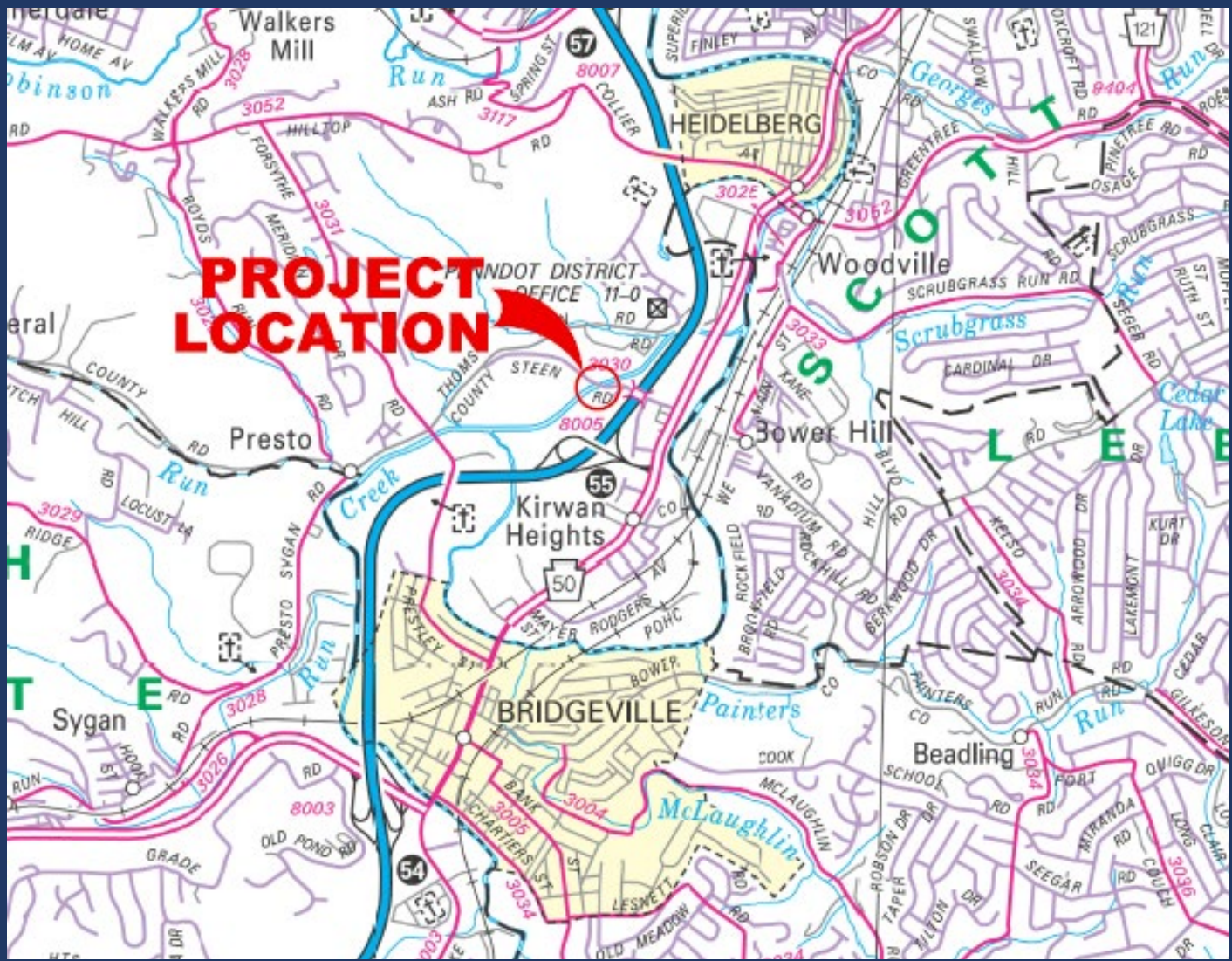


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PURPOSE OF PRESENTATION & PROJECT INTRODUCTION

- The purpose of this presentation is to introduce the project to the public, present the proposed design, and gather feedback.
- The purpose of this project is to provide a safe and sustainable crossing over Chartiers Creek which meets current design standards.





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PROPOSED PROJECT IMPROVEMENTS

- Superstructure replacement carrying Steen Road over Chartiers Creek - simple, composite, steel welded plate girders on unknown reinforced concrete abutments.
- Reconstruction of the approach roadway along Steen Road for approximately 100 feet on each side of the bridge.
- Typical section - The approach roadway will have 11-foot lanes and minimum 2-foot shoulders. The existing bridge width will be maintained.
- Wider shoulders will accommodate pedestrians instead of a dedicated sidewalk.
- The project will improve the superelevation on the horizontal curves, while maintaining the extra wide bridge to accommodate heavy vehicles turning into adjacent industrial land uses.



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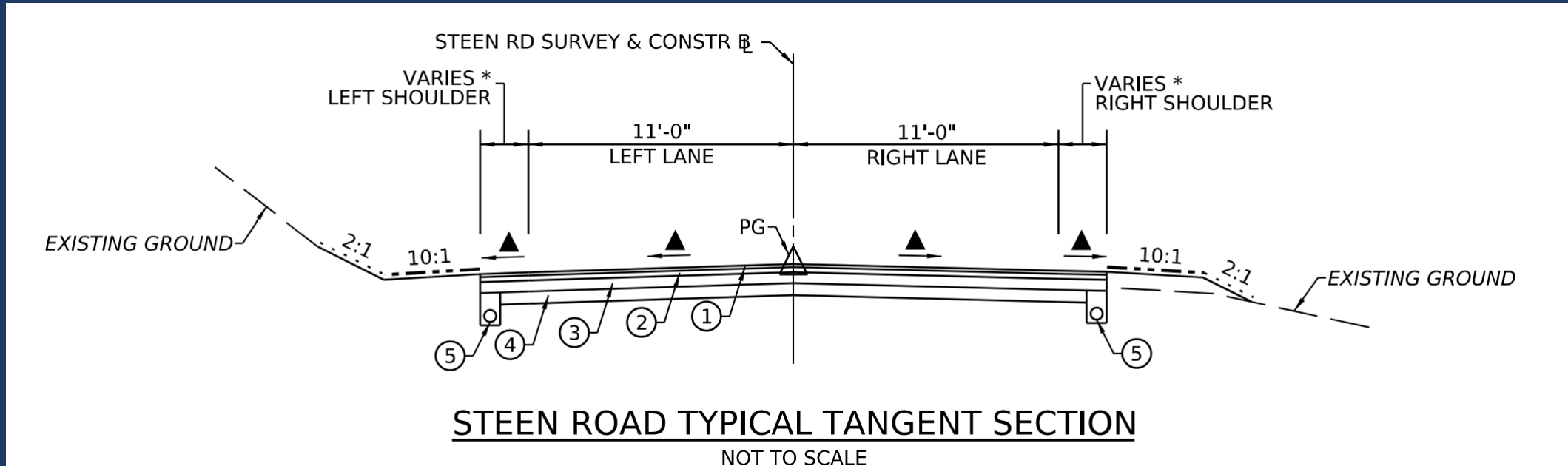


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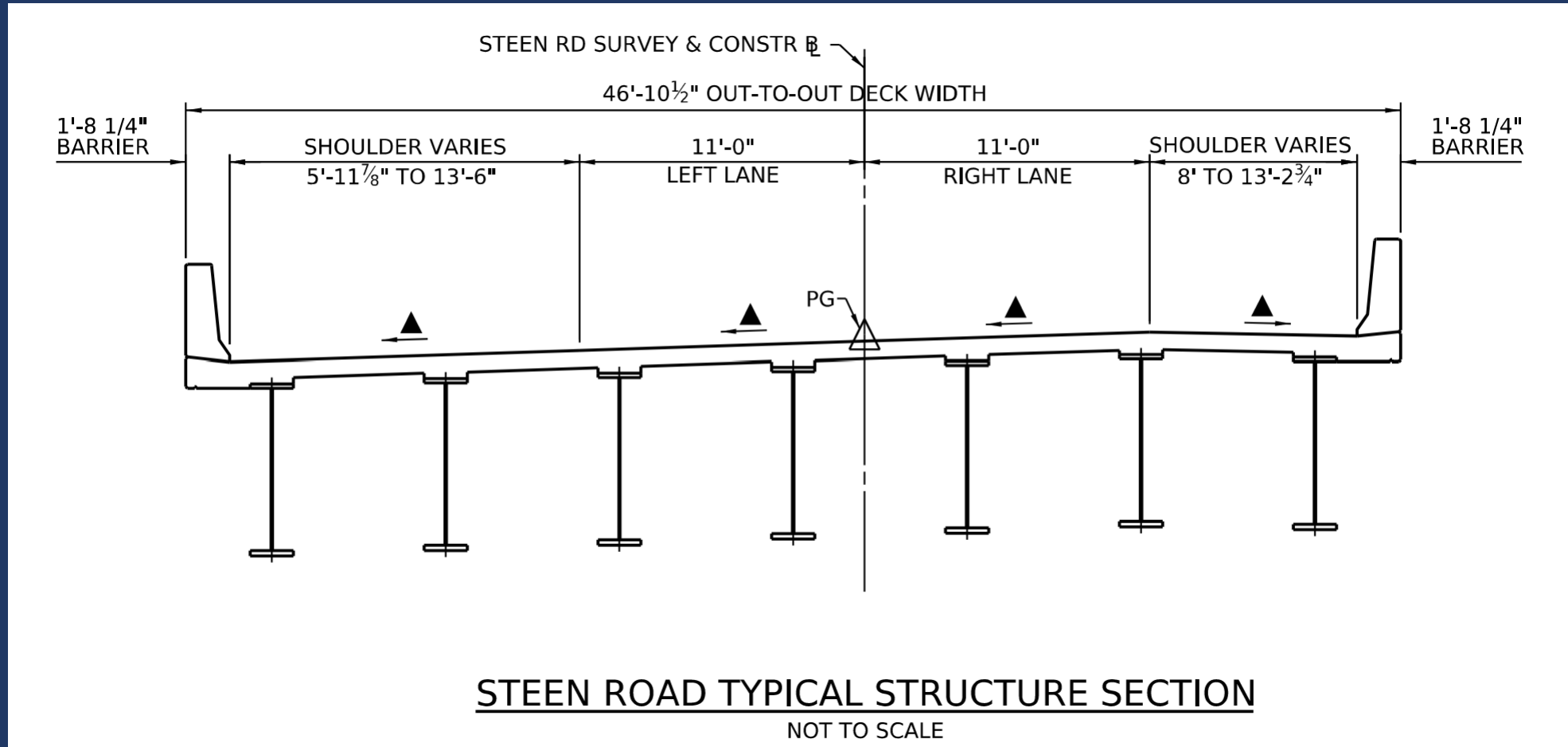
TYPICAL SECTION - ROADWAY



UNOFFICIAL



TYPICAL SECTION - BRIDGE



UNOFFICIAL



ANTICIPATED RIGHT-OF-WAY IMPACTS

- **REQUIRED RIGHT-OF-WAY:** Anticipate impacts to two commercial properties, one school, and one flood control authority. The required right-of-way is necessary for construction activities and for future inspection and maintenance purposes.
- **TEMPORARY CONSTRUCTION EASEMENT:** Anticipate 2 commercial property impacts.
- Once the right-of-way plan is finalized, 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.



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STEEN ROAD DETOUR

- Full road closure and detour will be necessary for Steen Road for the duration of the project.
- Provisions will be made for access to businesses and residences during the road closure.
- 2.5 mile route takes vehicles south of the project location and utilizes Route 50, Prestley Road, Thoms Run Road, and Steen Road.



PROPOSED CONSTRUCTION SCHEDULE

- **Final Design & Right-of-Way Acquisition**
 - Anticipated Start: Spring 2026
 - Anticipated End: Spring 2027
- **Construction**
 - Anticipated Start: Summer/Fall 2027
 - Anticipated Completion: Summer/Fall 2028
- **Estimated Construction Cost: \$6,500,000.00**



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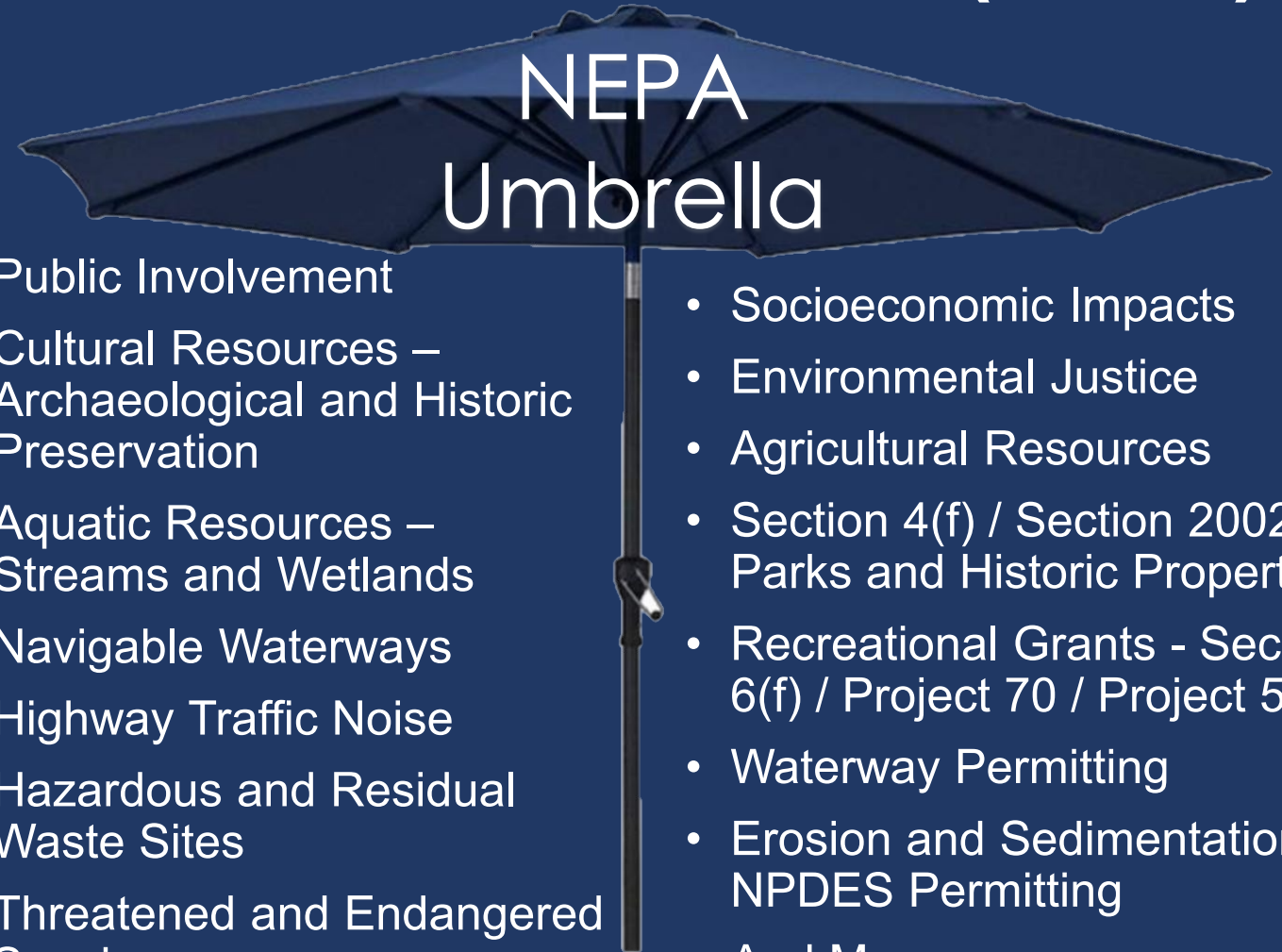


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NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

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 Collier Township's coordination with the public to obtain feedback on the project and to meet NEPA requirements.

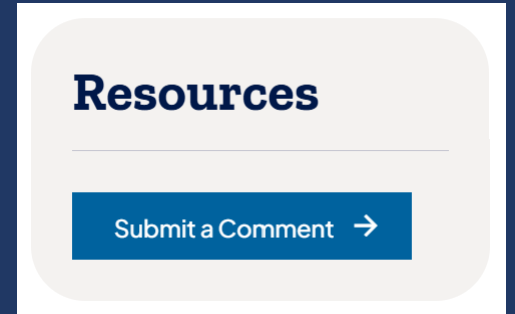


- Public Involvement
- Cultural Resources – Archaeological and Historic Preservation
- Aquatic Resources – Streams and Wetlands
- Navigable Waterways
- Highway Traffic Noise
- Hazardous and Residual Waste Sites
- Threatened and Endangered Species
- Socioeconomic Impacts
- Environmental Justice
- Agricultural Resources
- Section 4(f) / Section 2002 – Parks and Historic Properties
- Recreational Grants - Section 6(f) / Project 70 / Project 500
- Waterway Permitting
- Erosion and Sedimentation / NPDES Permitting
- And More



PROJECT SURVEY

- To provide feedback on the project, please complete the project survey available on the project website.
- On the right side of the screen, under Resources, click the “Submit a Comment” button.



PROJECT SPONSOR – COLLIER TOWNSHIP

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PENNDOT DESIGN DIVISION

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Engineering District 11-0 / Project Delivery Unit
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