

EDISON FURLONG ROAD OVER PEBBLE CREEK BRIDGE REPLACEMENT PROJECT

SR 2079-BPC



MARCH 10, 2026



Pennsylvania
Department of Transportation

PENNDOT PROJECT INFORMATION

Edison Furlong Road over Pebble Creek Bridge Replacement Project

Buckingham and Doylestown Townships,

Bucks County, PA

MPMS # 116893



PROJECT TEAM

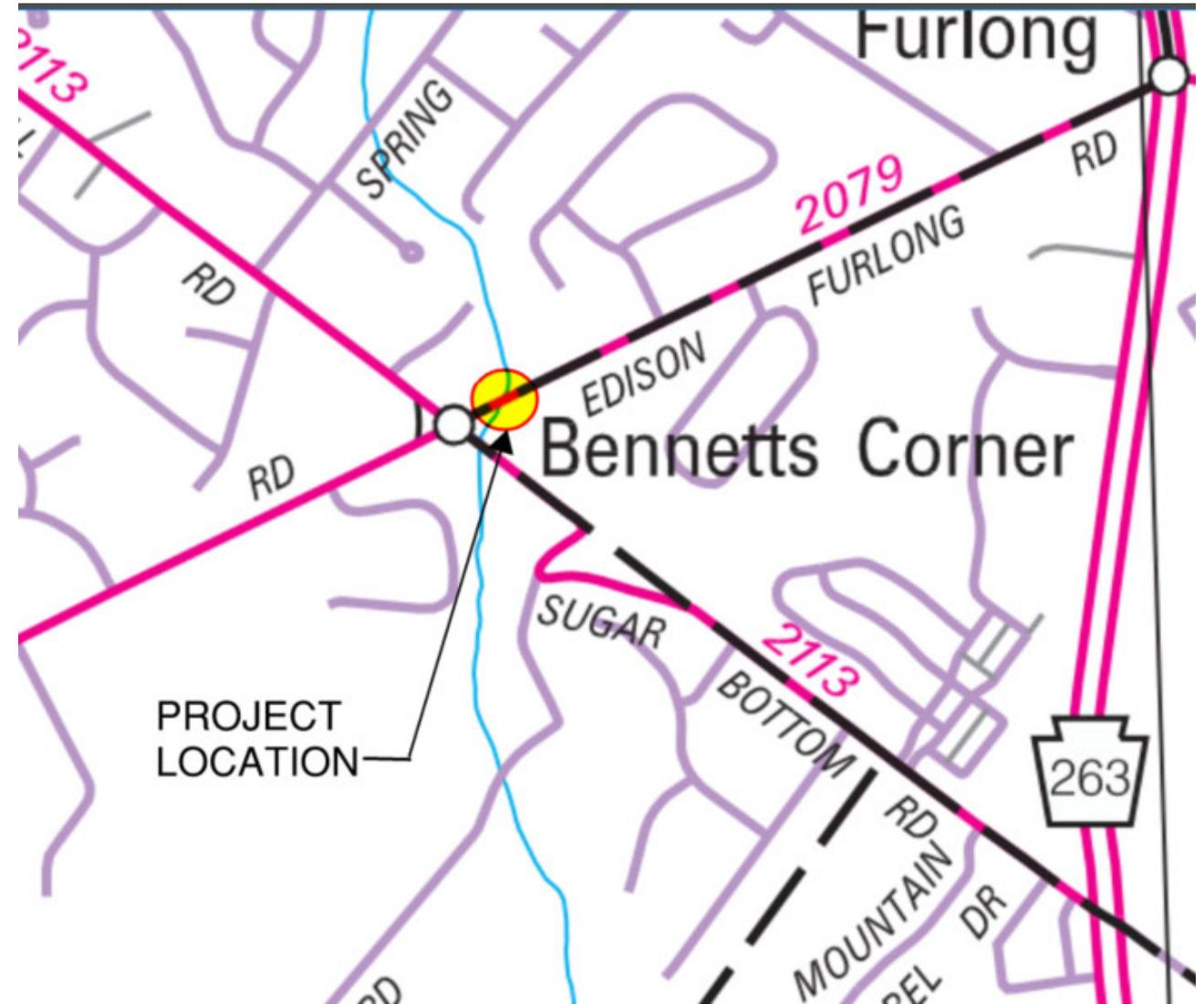
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PROJECT LOCATION

Edison Furlong Road over Pebble Creek is located in Buckingham and Doylestown Townships, in Bucks County.

Located about 450 feet West of the intersection with Pebble Hill Road and about 1 mile East of PA 263.



PURPOSE & NEED

Purpose

- ✓ Replace the existing bridge to provide a safe and reliable crossing for the traveling public that accommodates future traffic demands and complies with current design and safety standards.

Need

- ✓ To address the advanced structural deterioration of the bridge.
- ✓ The superstructure exhibits spalling with exposed steel.
- ✓ Both abutments show mortar loss and cracking in the masonry.



PROJECT INFORMATION

➤ Roadway Data

- ✓ PA Bicycle Route S
- ✓ 45 mph posted speed limit
- ✓ ADT (2026) 7102
- ✓ ADT (2046) 7217

➤ Existing Data

- ✓ Built in 1925
- ✓ 1-Span Reinforced Concrete Slab Bridge
- ✓ 10' Span
- ✓ 29' Curb-to-Curb Width
- ✓ 3'-10" Underclearance
- ✓ **Overtops for 10-year storm**

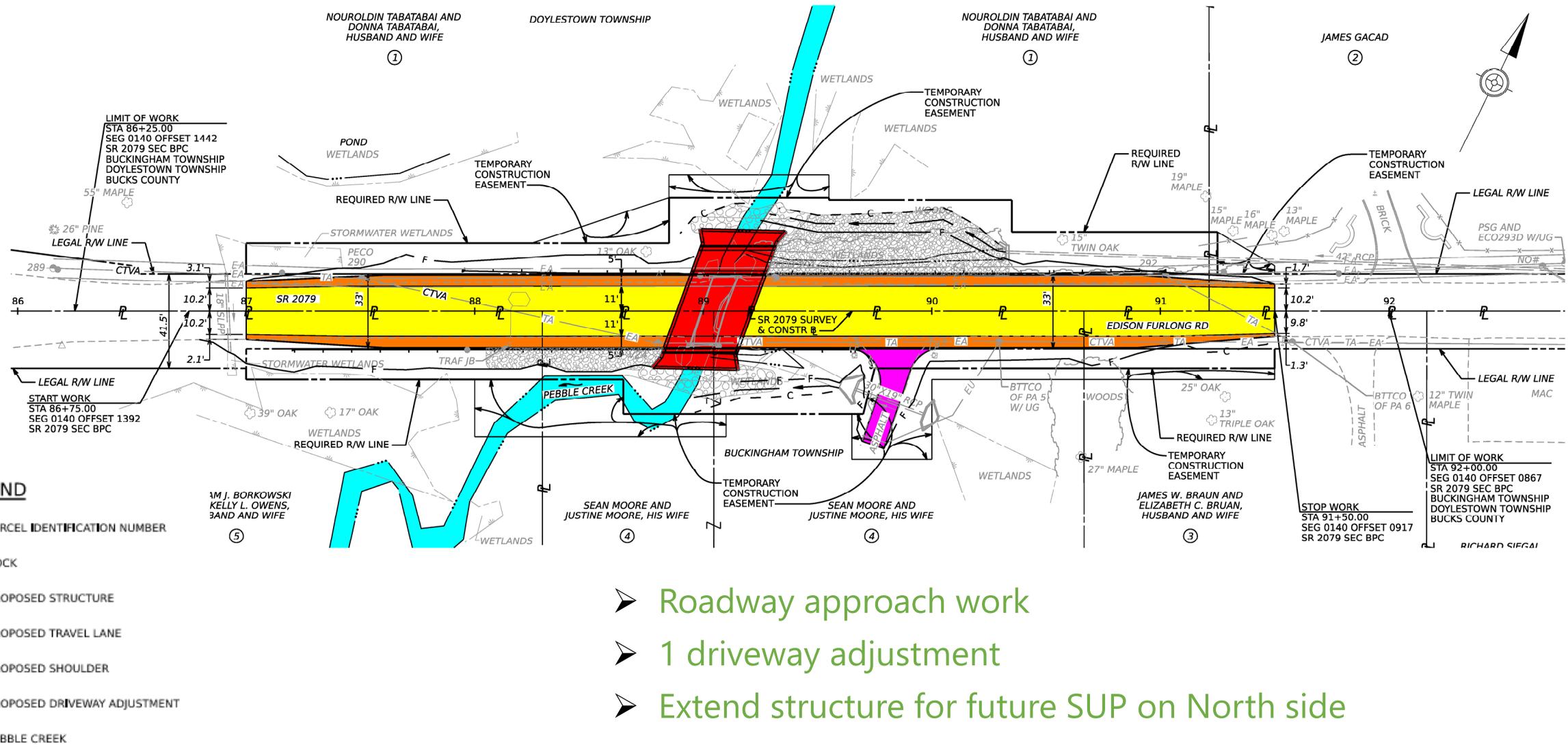
➤ Proposed Data

- ✓ 29x6 Reinforced Concrete Box Culvert (5' hydraulic opening)
- ✓ Match horizontal alignment
- ✓ Increase profile about 2' to reduce the flooding event
- ✓ **Overtops for 25-year storm**
- ✓ 2-11'-0" lanes and 5'-0" shoulders (32' Curb-to-Curb)
- ✓ Provide accommodations for a future shared use path on the upstream side of the structure



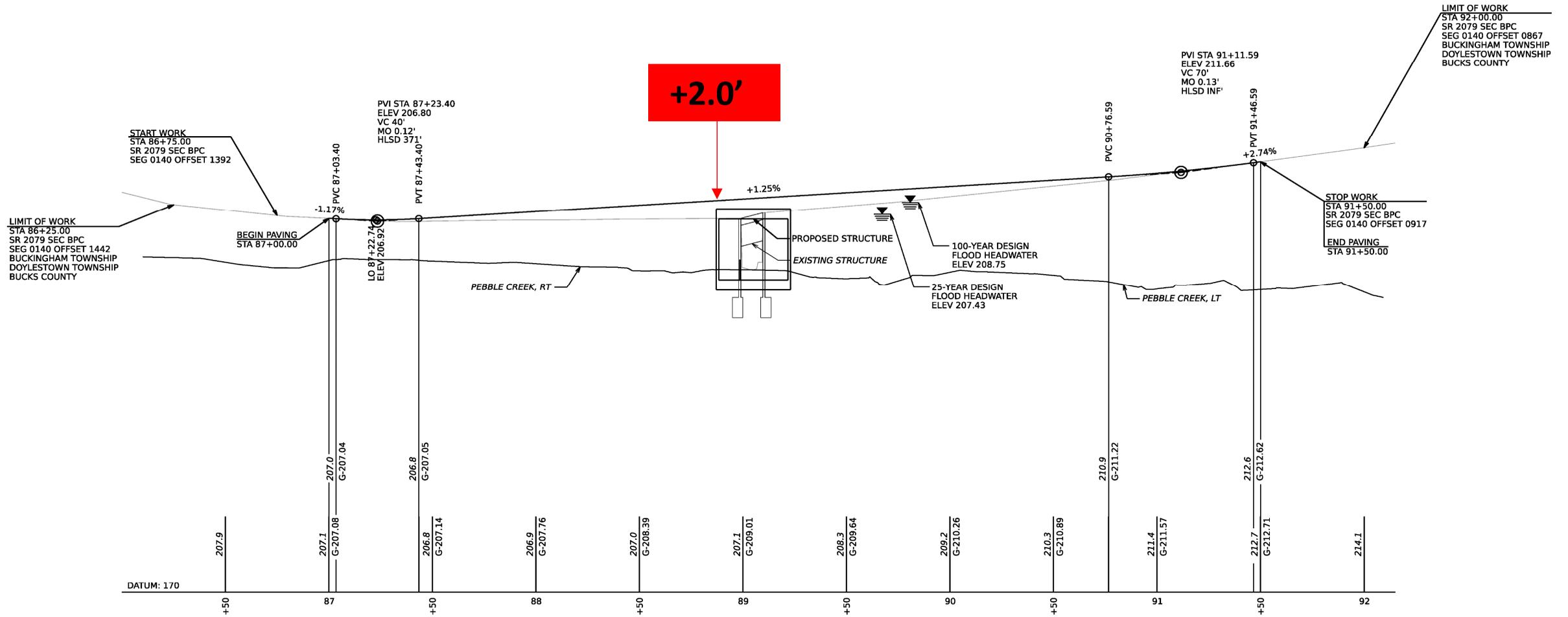
PROPOSED PLAN

PRELIMINARY



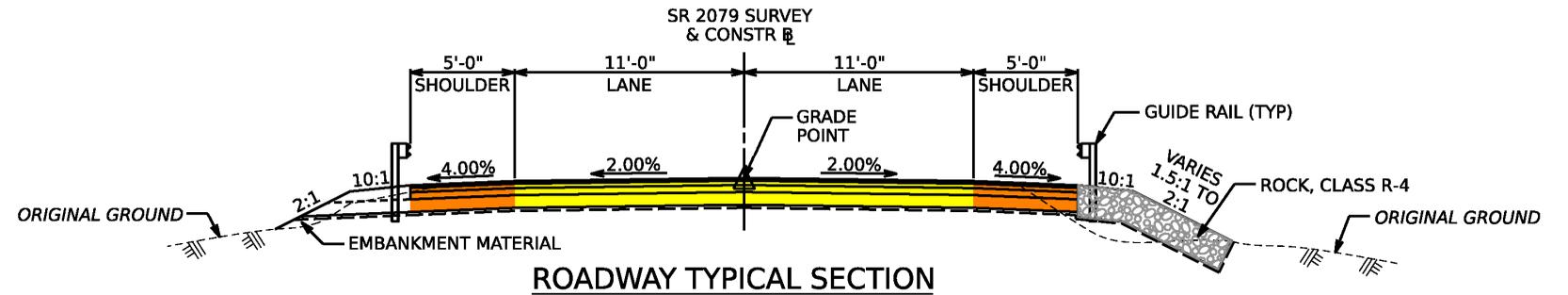
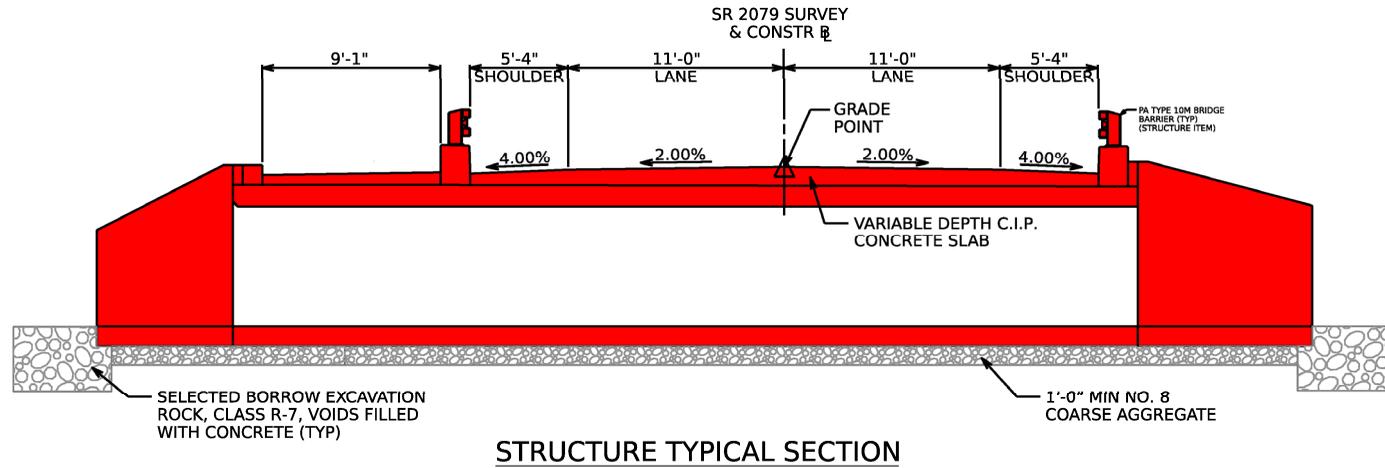
PROPOSED PROFILE

PRELIMINARY



PROPOSED TYPICAL SECTIONS

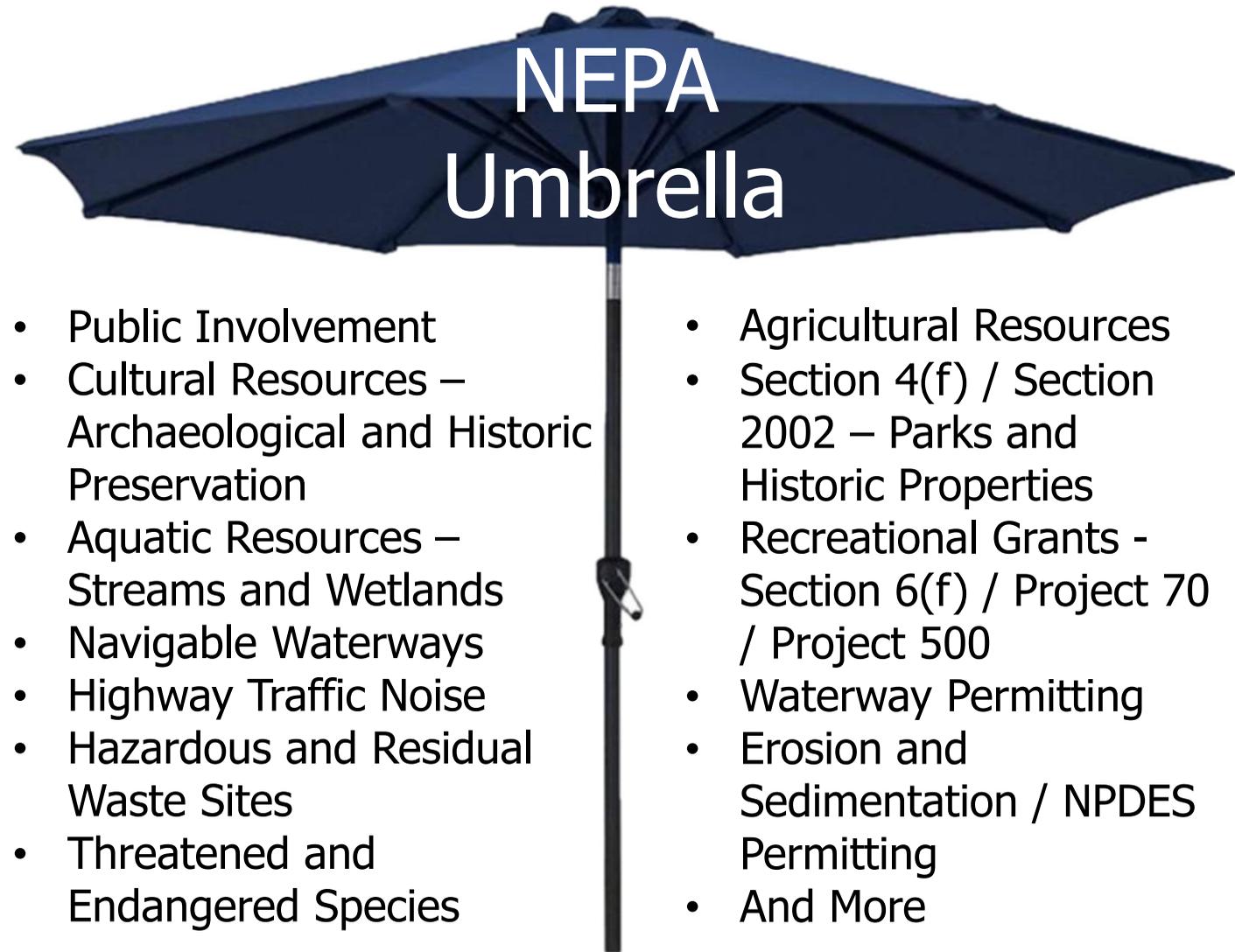
PRELIMINARY



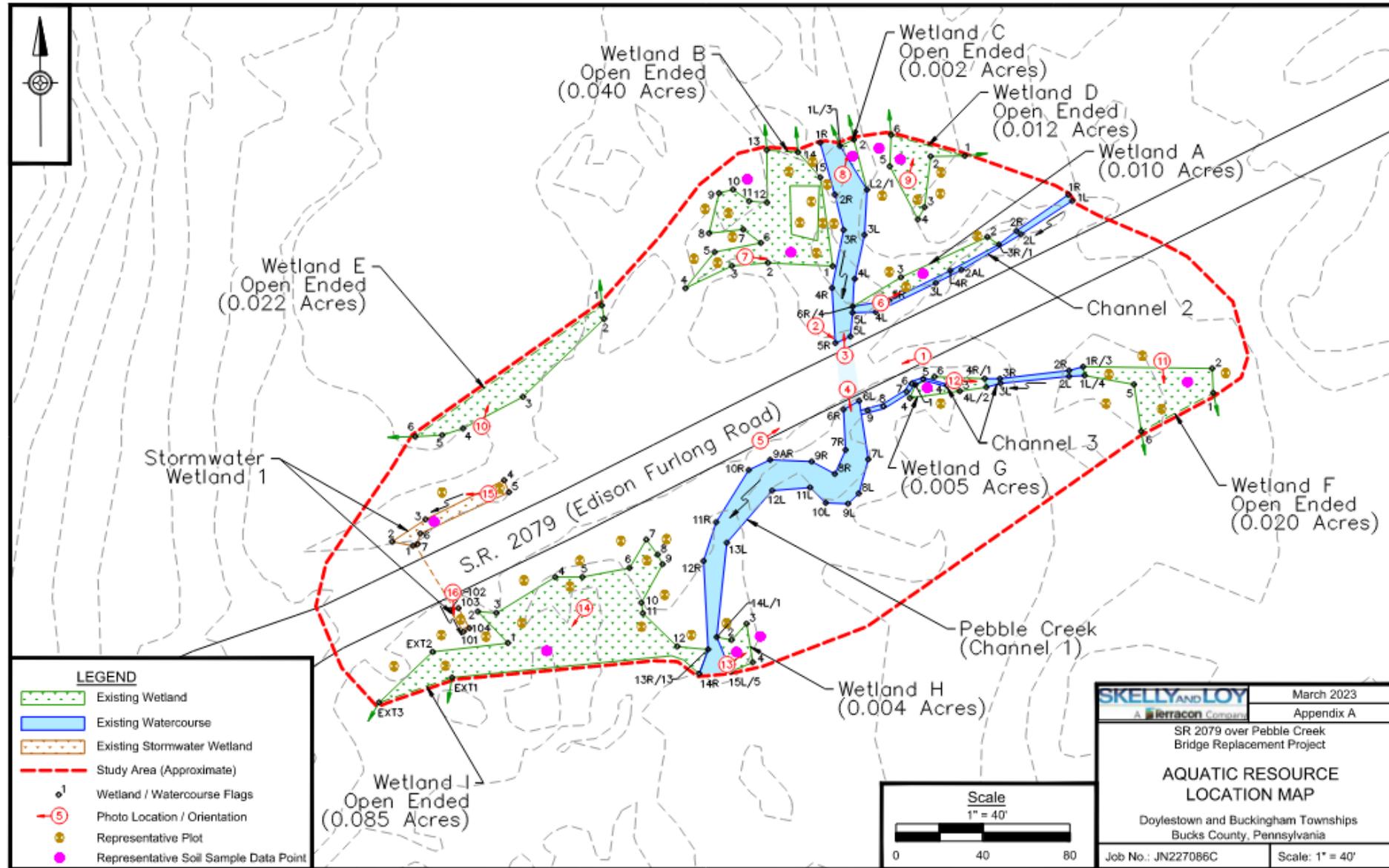
NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

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 6-0's coordination with the public to obtain feedback on the project and to meet NEPA requirements



ENVIRONMENTAL CONSTRAINTS



UTILITY COORDINATION & RIGHT OF WAY

UTILITY COORDINATION

- Overhead
 - Electric and telecommunications
 - 5 poles expected to require relocation
- Underground
 - Electric
 - Expect to be unaffected



RIGHT OF WAY

- 5 properties within the project limits
- 4 properties with ROW takes and Temporary Construction Easements



PROPOSED SCHEDULE

PRELIMINARY

Preliminary Engineering ~ through April 2026

Final Design ~ May 2026 through November 2027

Advertisement & Award ~ September 2027 through November 2027

Construction ~ June 2028 through August 2028

No construction allowed while school in session

YEAR	2026				2027				2028				
MONTH	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	JUNE	JULY	AUG
SR 2079-BPC	■	■	■	■	■	■	■	■	■	■	■	■	■

LEGEND:

Q1 DENOTES QUARTER 1 (JAN, FEB AND MAR)

- ROW NEGOTIATIONS, ACQUISITION AND COMPLETE DESIGN
- UTILITY RELOCATIONS AND FABRICATE CULVERTS
- CONSTRUCTION USING DETOUR

QUESTIONS?



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THANK YOU FOR PARTICIPATING

For more information, visit the PennDOT District 6 website

<https://www.pa.gov/agencies/penndot/projects-near-you/district-6-projects/edison-furlong-rd-over-pebble-creek-bridge-replacement-project>



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