

BIRCHRUN ROAD OVER BIRCH RUN BRIDGE REPLACEMENT PROJECT



Connor Shelly

March 26, 2025

MEETING AGENDA

Project Location

Project Purpose and Need

Existing Bridge Description

Environmental Resources

Project Improvements

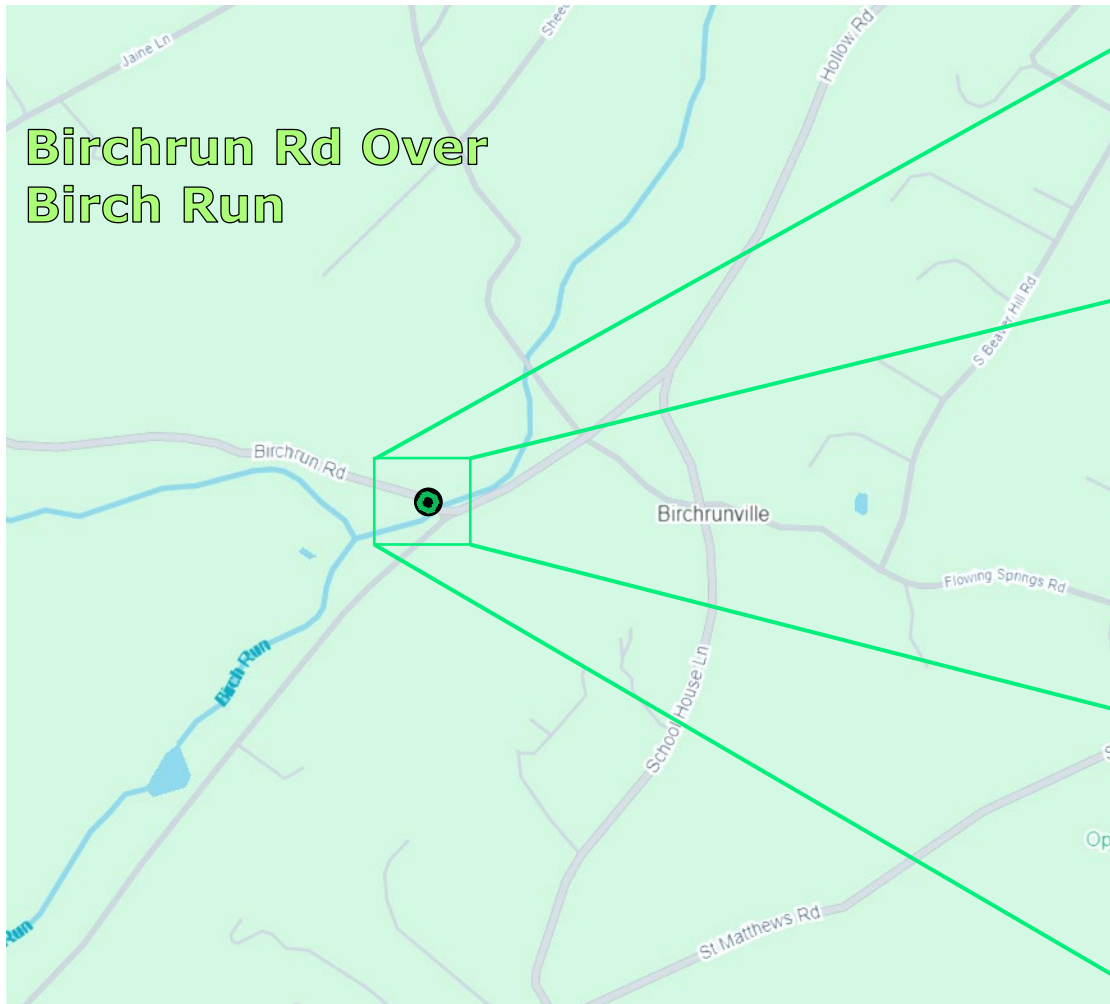
Traffic Control

Project Schedule

Questions



PROJECT LOCATION



PROJECT PURPOSE



The purpose of this project is to provide a structure that is capable of efficiently and safely handling the existing and expected traffic on Birchrun Road while maintaining an approved hydraulic opening for Birch Run.

PROJECT NEED

- The existing bridge substructure and superstructure are in poor condition due to numerous large spalls with exposed reinforcement.



Upstream
Elevation,
Looking North

General
View of the
Underside,
Looking East



Far Right
Quadrant
Exposed
Bars,
Looking East

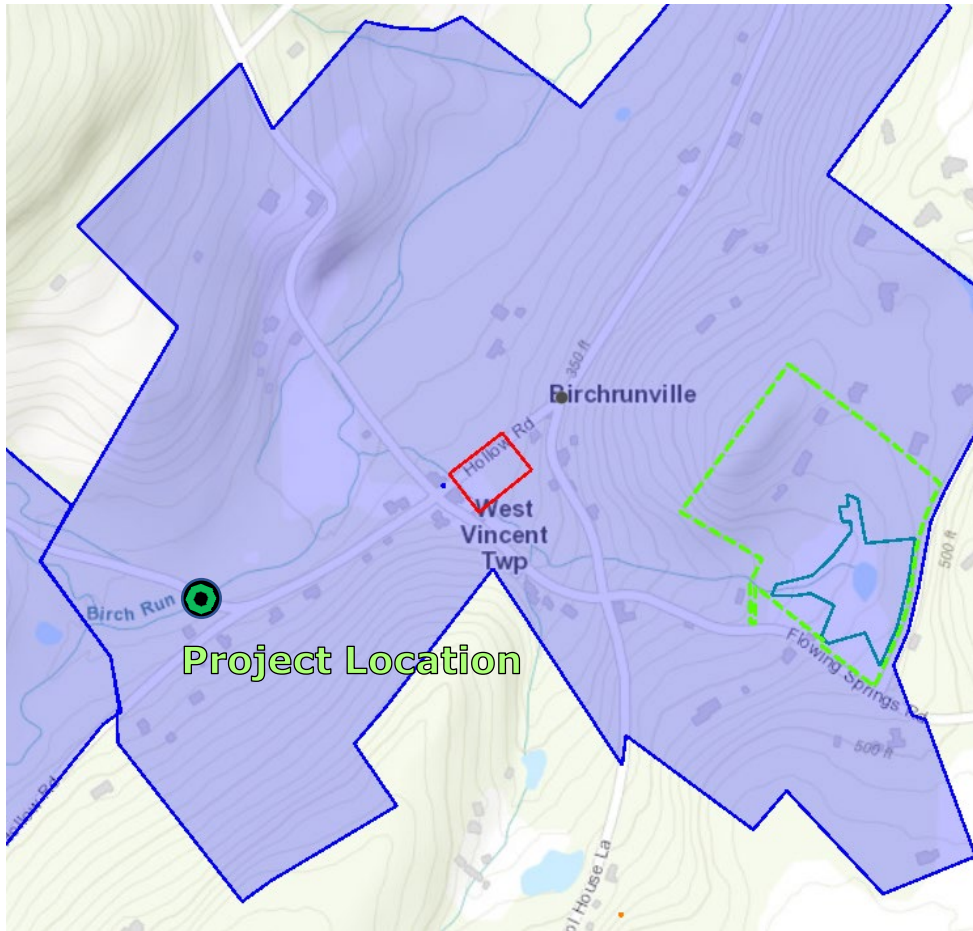
EXISTING BRIDGE DESCRIPTION



- 2-Span Reinforced Concrete Slabs bridge with pier
- Barrier for guiderail on Bridge
- 38-foot span
- Inside curb-to-curb width of 17 feet, 20-foot-wide paved approaches
- Built in 1923
- 435 vehicles use the bridge each day



ENVIRONMENTAL RESOURCES



Birchrunville Historic District

- Listed in the National Register of Historic Places in 1992 under Criterion A for Commerce and Criterion C for Architecture.



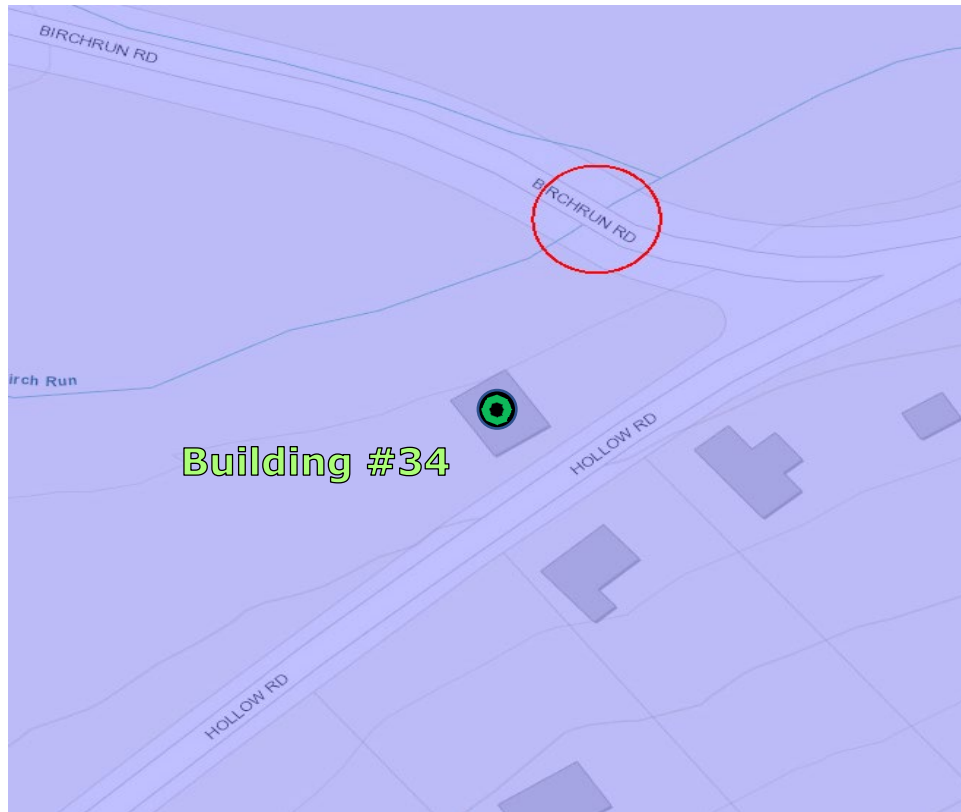
Birchrun Road Bridge over Birch Run

- Not eligible for National Register of Historic Places
- The Birchrun Road Bridge, built 1923, does not contribute.



ENVIRONMENTAL RESOURCES

Birchrunville Baptist Meeting House



1285 HOLLOW RD
CHESTER SPRINGS, PA 19425

Eligibility: INCLUDED IN BIRCHRUNVILLE HD



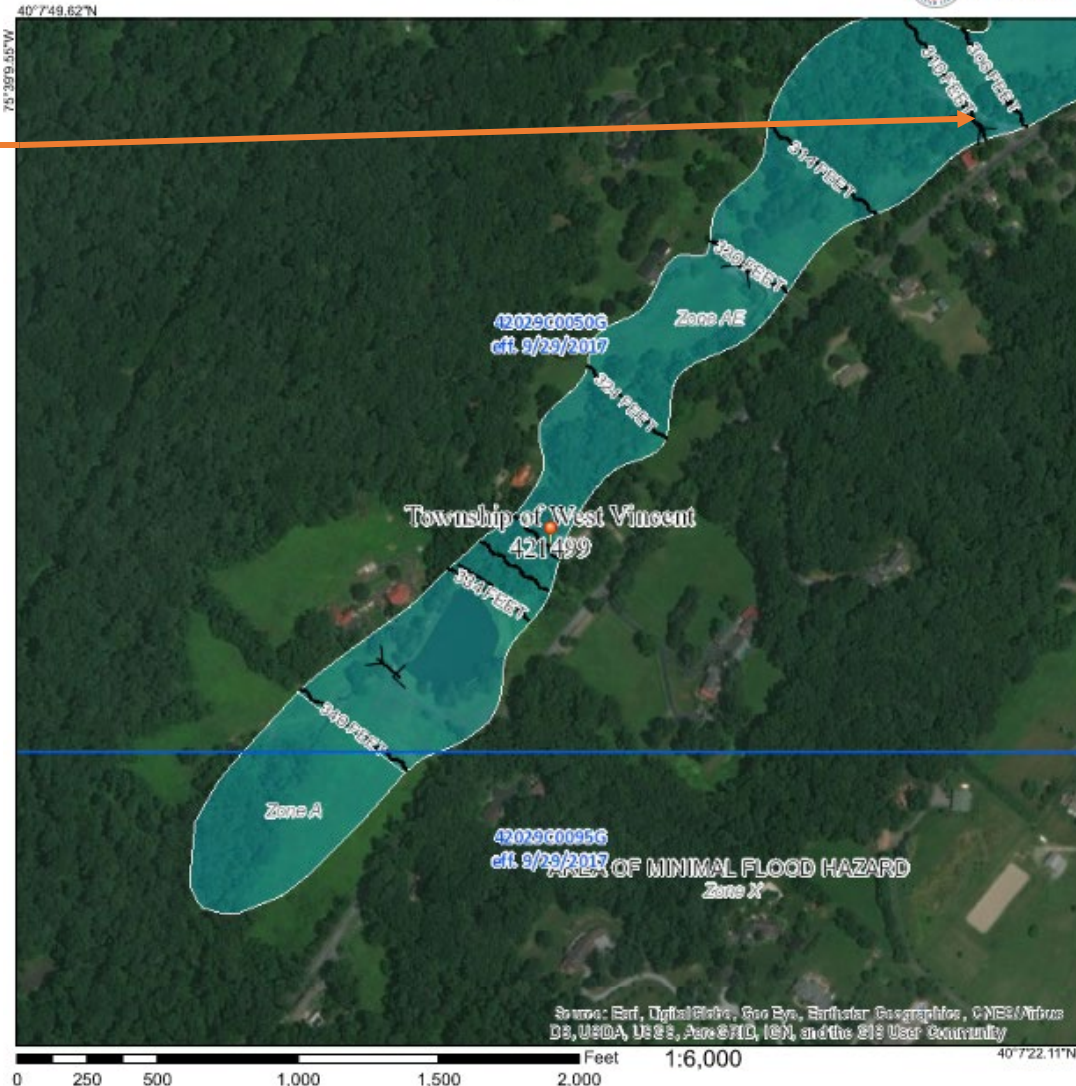
ENVIRONMENTAL RESOURCES

The project is within a detailed FEMA study area.

National Flood Hazard Layer FIRMette



Project Site



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth
		Regulatory Floodway Zone AE, AD, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee, See Notes, Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



ENVIRONMENTAL RESOURCES

- Pennsylvania Code Chapter 93
 - Birch Run is classified as Exceptional Value and Migratory Fishery (EV-MF)
- Pennsylvania Fish and Boat Commission
 - Birch Run is not classified as a Wild Trout Stream or an approved trout stocked stream. The stream is marked as a State Scenic River as part of the French Creek



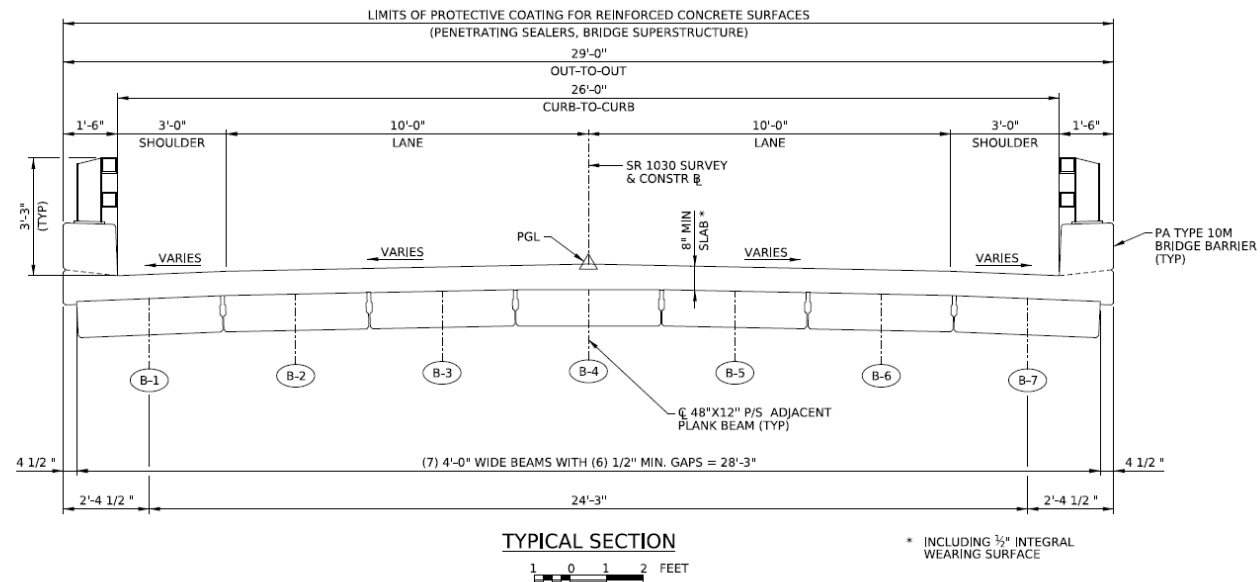
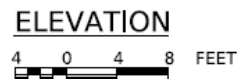
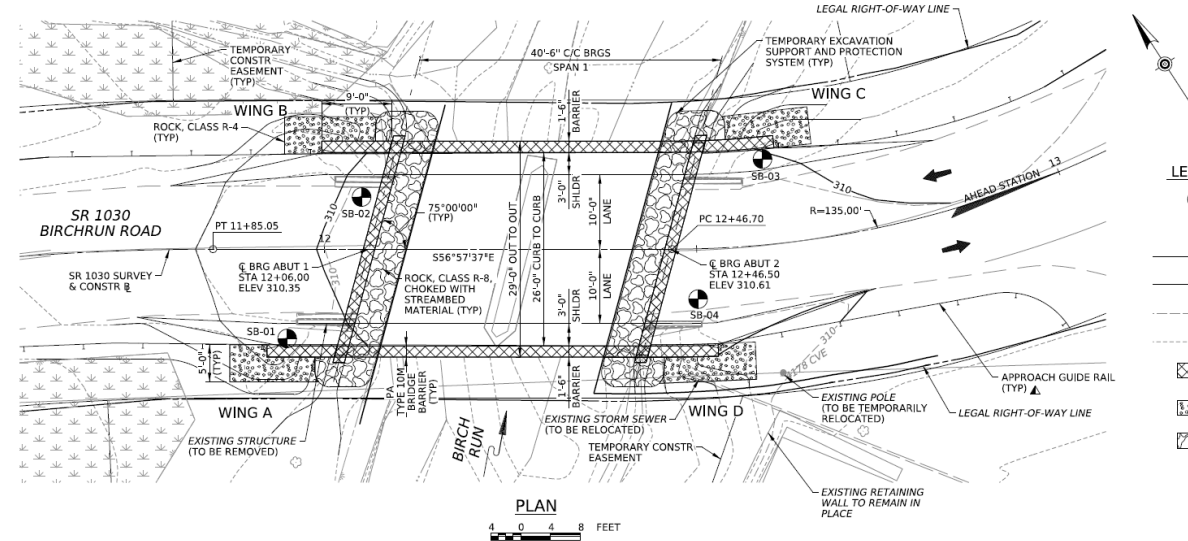
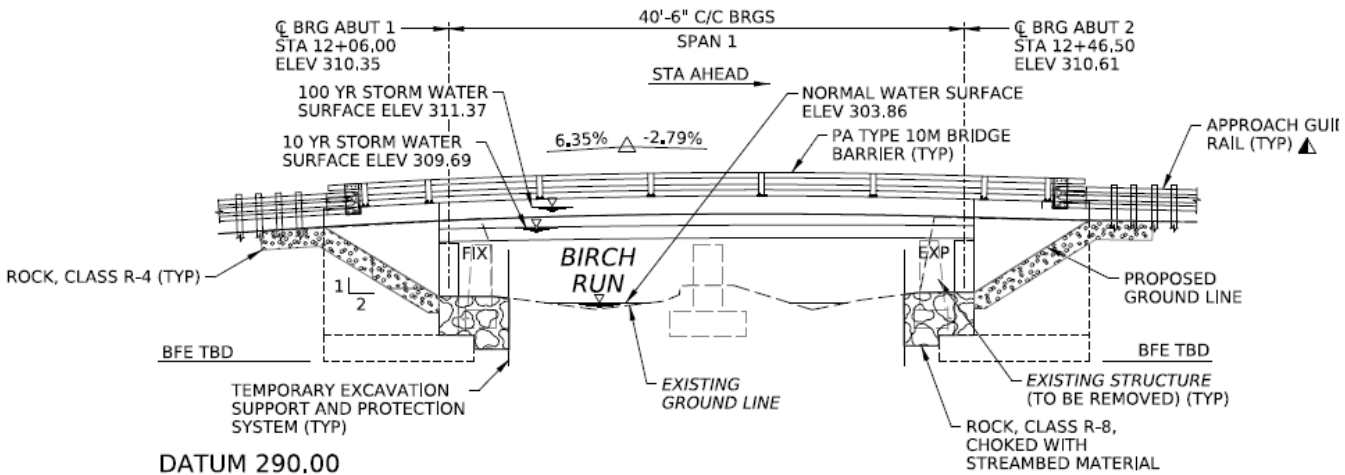
ENVIRONMENTAL RESOURCES



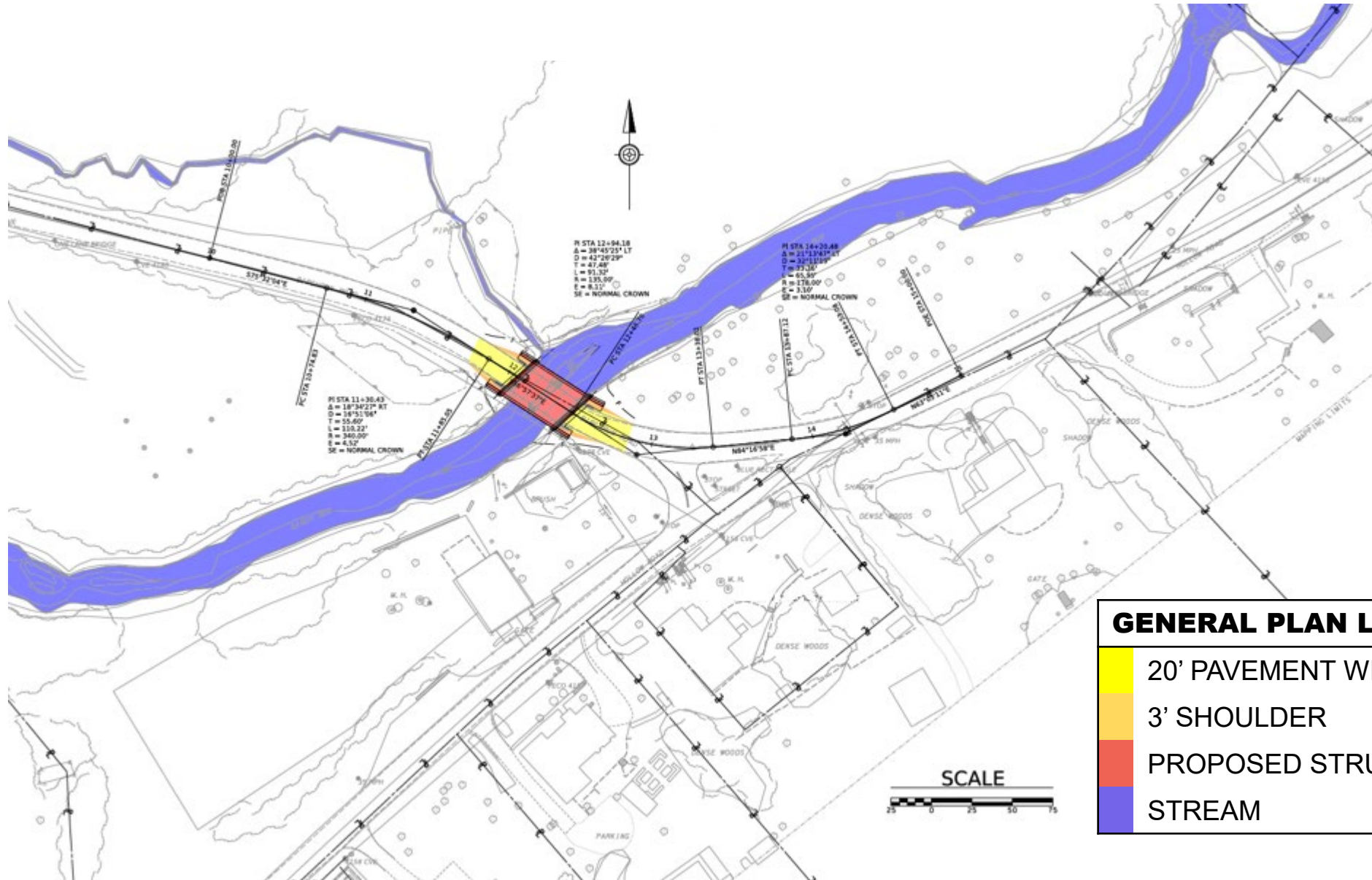
- Two wetlands were identified within 20 feet of the project site.
 - A Phase I Bog Turtle Habitat Survey found that the wetland northwest of the project met the criteria for a Bog Turtle habitat.
- Both of the wetlands are within the project limits.



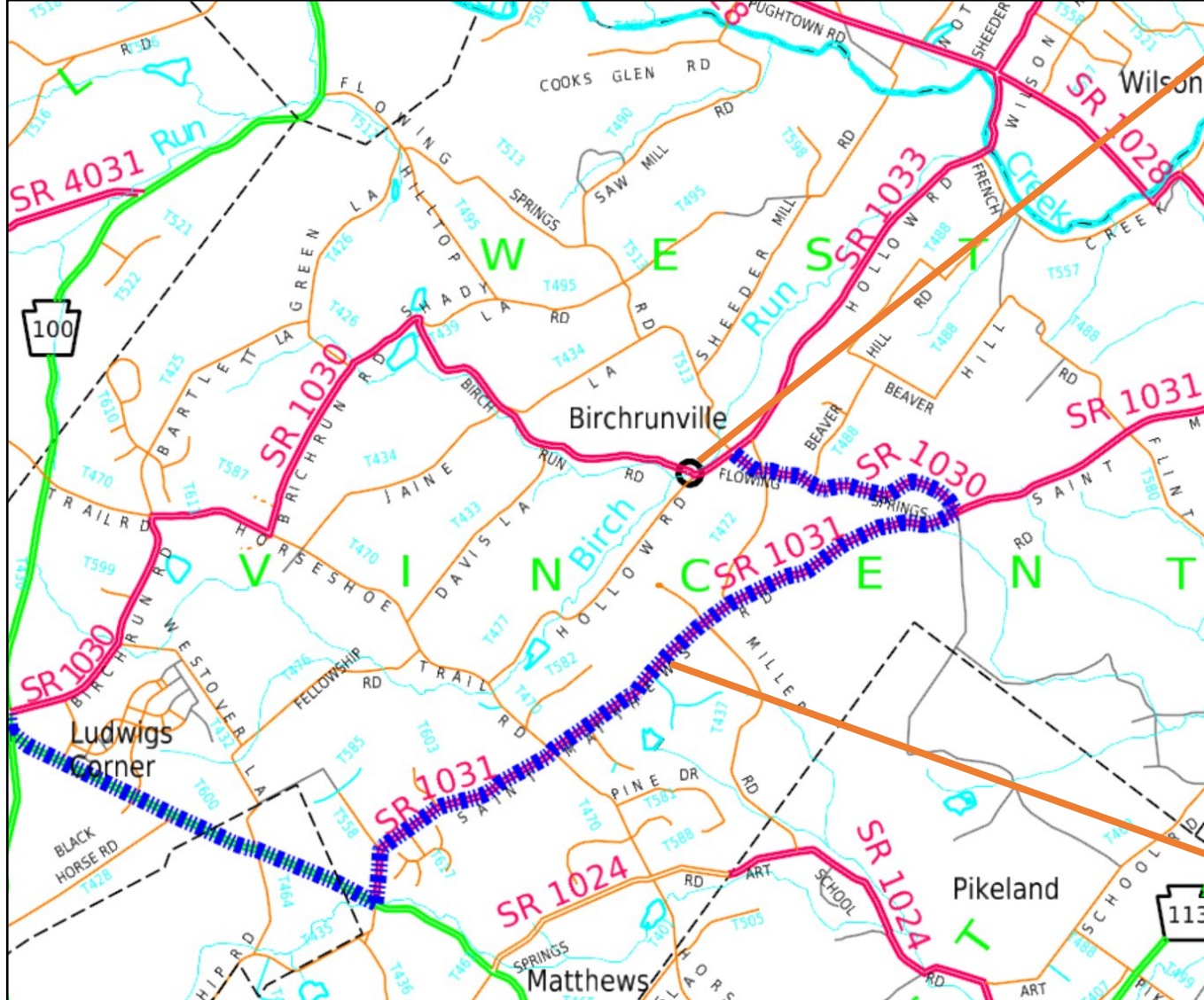
PROPOSED BRIDGE



PROPOSED ALIGNMENT



TRAFFIC CONTROL



PROJECT LOCATION

Local traffic access will be maintained at all times.

LEGEND

- STREAM
- STATE ROUTE
- TOWNSHIP ROAD
- PROJECT
- DETOUR ROUTE

DETOUR ROUTE
5.58 MILES



PROJECT SCHEDULE

	2025				2026				2027			
Task	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
NEPA Studies*												
Geotechnical Study												
ROW Acquisition												
Utility Conflict Resolution												
Section 404/105 Permitting												
Final Design												
Contracting												
Construction												

*Public communication continues during design and construction phase.



THANK YOU FOR PARTICIPATING!

FOR MORE INFORMATION, VISIT THE PENNDOT DISTRICT 6 WEBSITE

WWW.PA.GOV/AGENCIES/PENNDOT/PROJECTS-NEAR-YOU/DISTRICT-6-PROJECTS.HTML

OR

PROJECT LINK: [HTTPS://BIT.LY/BIRCHRUNBRIDGE](https://bit.ly/birchruntimebridge)

OR

EMAIL [COSHELLY@PA.GOV](mailto:coshelly@pa.gov)