

BONDSDVILLE ROAD RETAINING WALL PROJECT



Public Involvement Meeting – December 3, 2025

<https://bit.ly/BondsvilleRd>

PURPOSE AND AGENDA

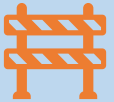
- Purpose: Provide East Brandywine Township and public with an update on the SR 4015 Bondsville Road Retaining Wall Project
- Agenda:
 - Project Improvements
 - During Construction
 - Project Schedule
 - Contact Info



PROJECT PURPOSE AND NEED



Beaver Creek has moved more than 40 feet laterally in the last 30 years.



The roadway slope has eroded and the stream is now within 10 feet of the shoulder.



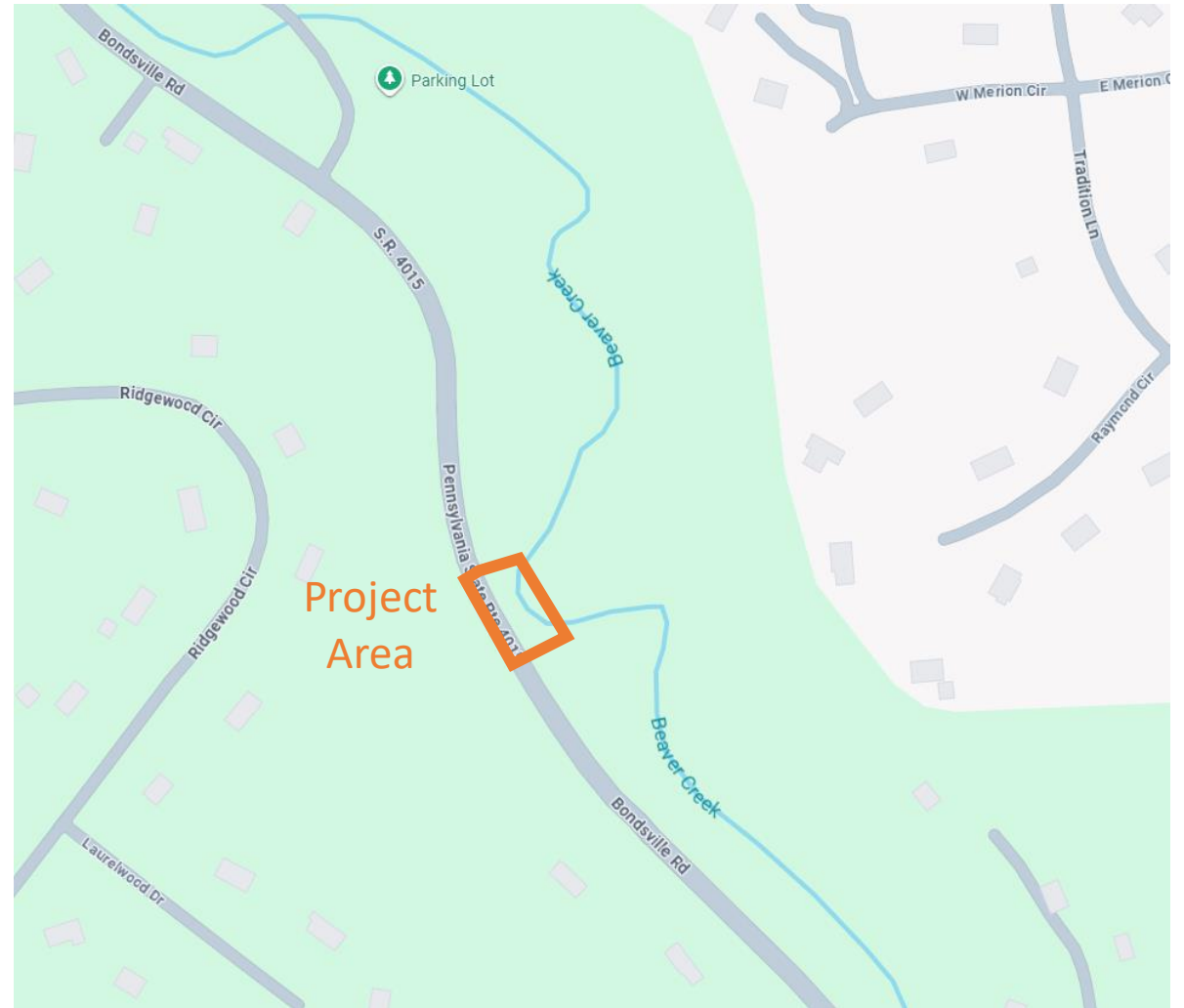
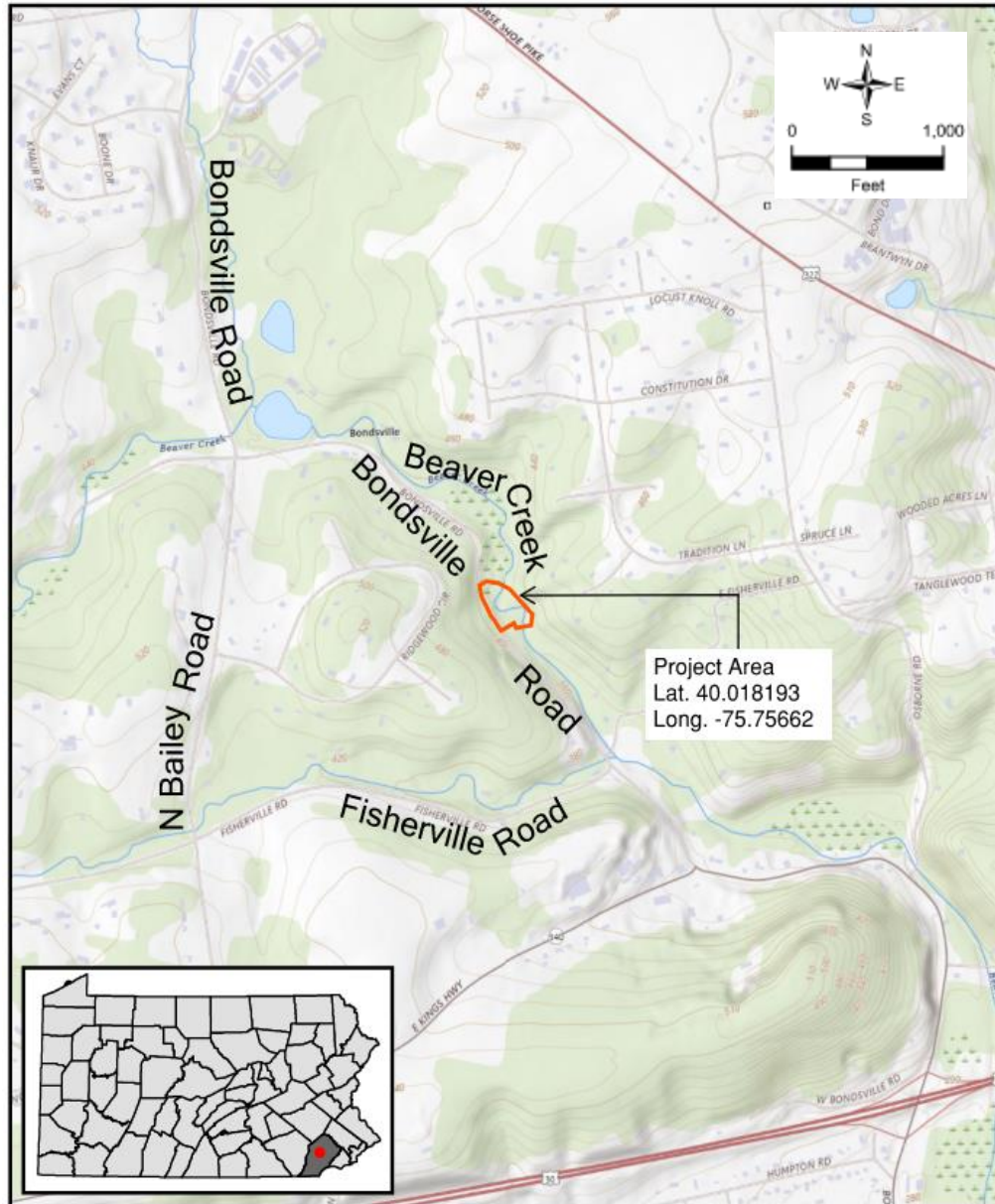
The purpose of the project is to stabilize the roadway slope and associated roadway.



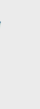
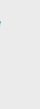
Project will stabilize the roadway embankment and regrade the stream along the roadway to minimize future scour and erosion.



PROJECT LIMITS



Source: Google Maps
N.T.S.



PROJECT IMPROVEMENTS



- New retaining wall between Bondsville Road and Beaver Creek
- Stream grading to accommodate no increase in base flood elevations
- In-stream structures to provide fish habitat
- Stream bank stabilization measures to protect the retaining wall and stream banks from future erosion
- Remove and replace guiderail
- Extend roadway shoulder to accommodate potential future roadway widening
- No drainage improvements or roadway signage is anticipated



TOWNSHIP COORDINATION

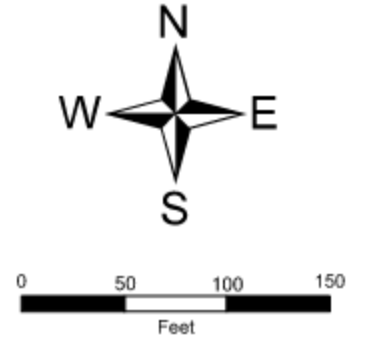
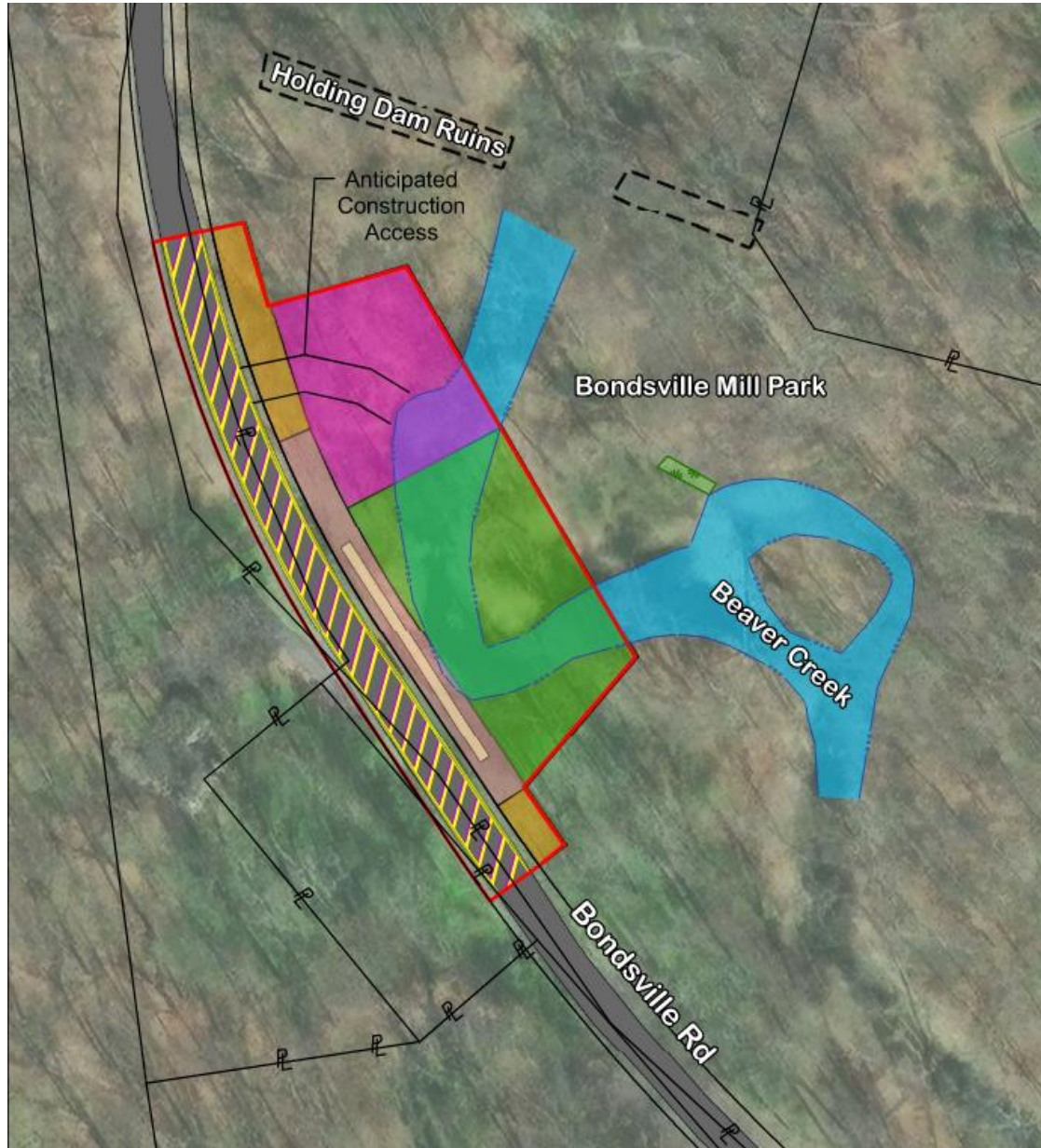
- East Brandywine Township owns Bondsville Mill Park, which will be impacted by the construction
- Met with the township on-site, preliminarily discussed the planned improvements and impacts
- The mapped Bondsville Mill Park trails (dark blue) will not be impacted during construction
- The construction area perimeter will be delineated with high visibility orange fencing
- A full detour is planned during construction
- Access to driveways will be maintained
- Wall aesthetics are being coordinated



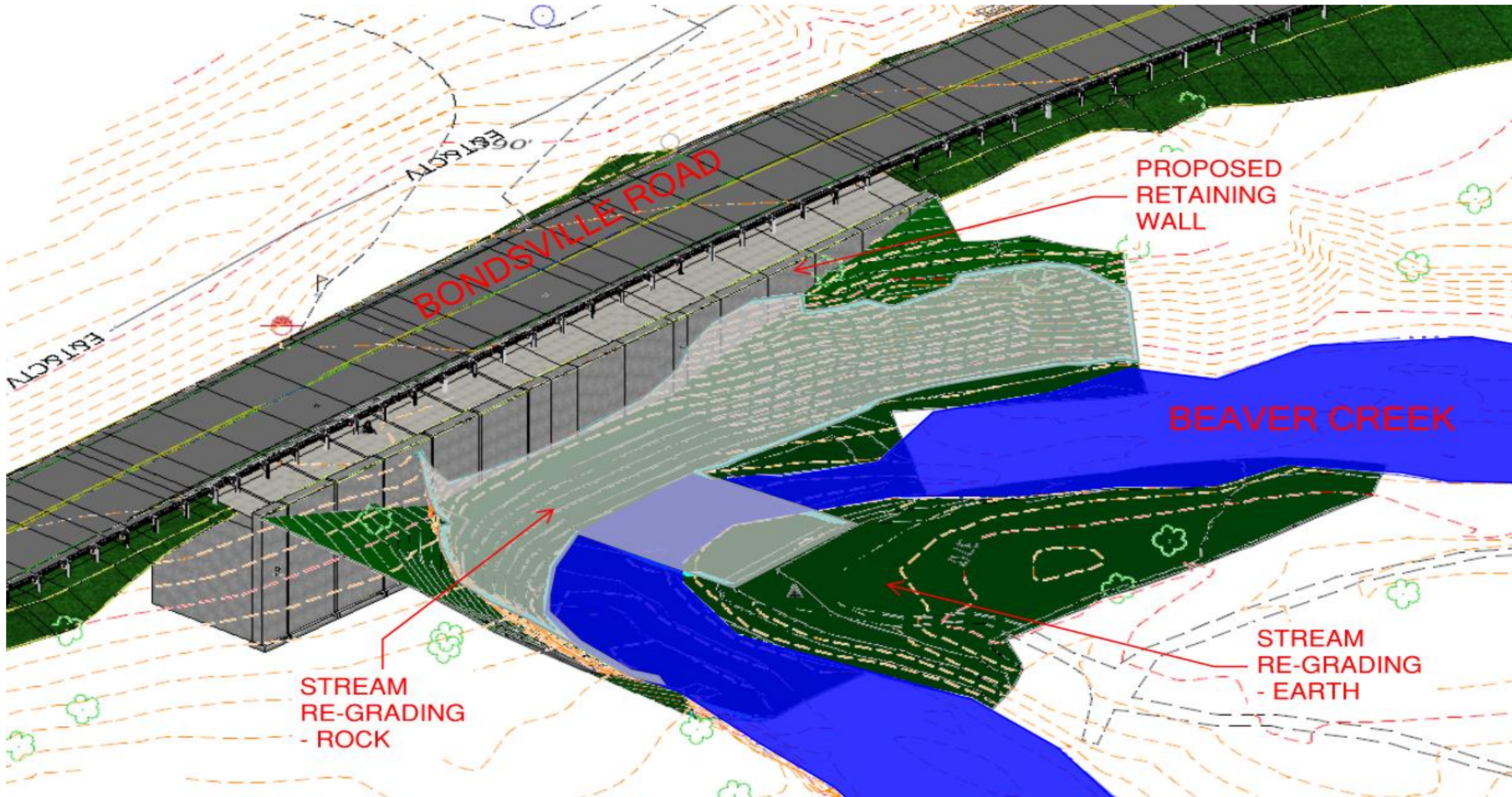
CONCEPT PROJECT PLAN

SR 4015, Section CBC (Bondsville Road) Retaining Wall Project East Brandywine Township Chester County, Pennsylvania

-  Preliminary Area Of Disturbance
-  Proposed Full Depth Pavement
-  Proposed Retaining Wall
-  Existing Roadway Pavement
-  Potential Required Right-Of-Way
-  Potential Required Slope Easement
-  Potential Required Channel Easement
-  Potential Temporary Construction Easement
-  Wetland

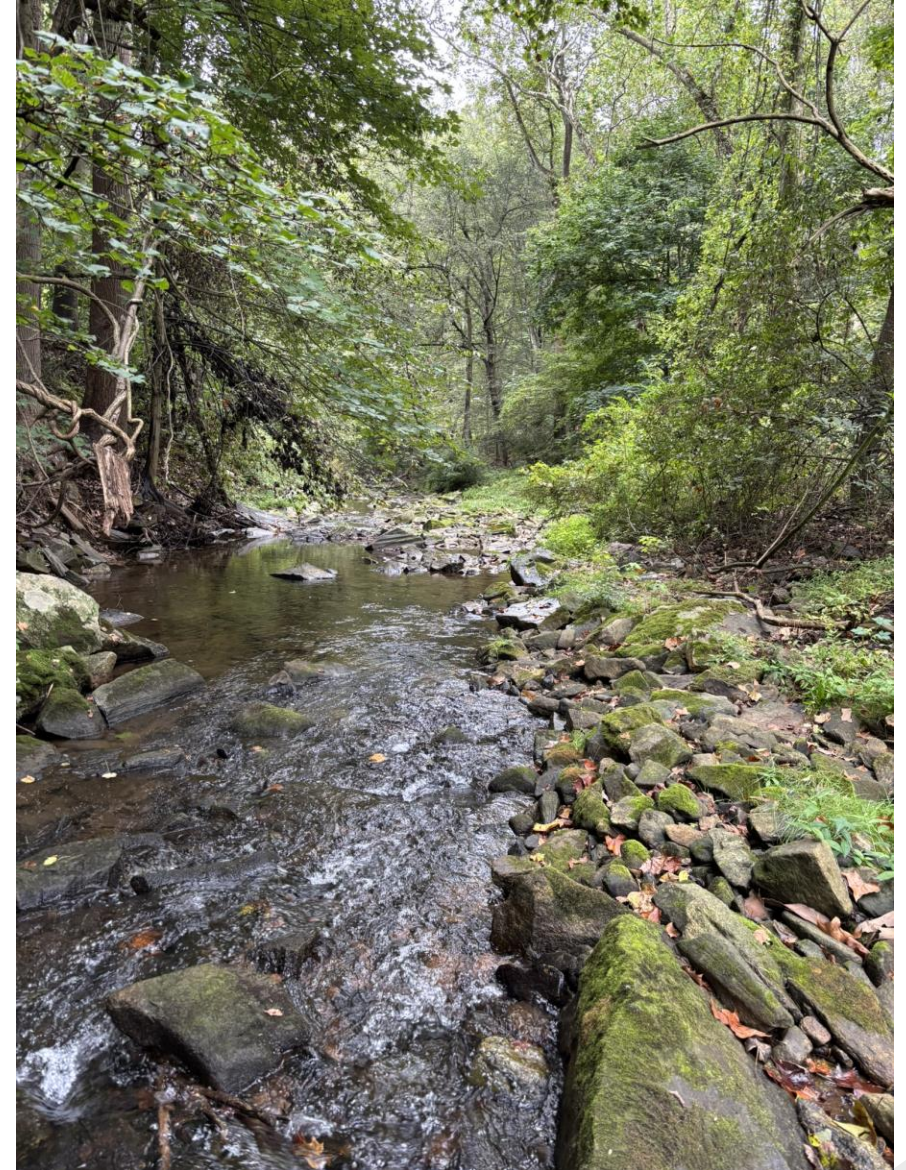


CONCEPT 3D RENDERING



ENVIRONMENTAL FEATURES

- Beaver Creek is a naturally reproducing trout stream
 - No in-stream construction from October 1 to December 31 to avoid wild trout breeding season
- Forested habitat potentially used by bats during non-hibernating months
 - Tree removal will be limited to what is necessary to implement the project safely
 - Project limits will be clearly marked in the field
 - No tree removal from April 1 to November 15



UTILITY COORDINATION

- No underground utilities identified
- Potential conflict with overhead Verizon and PECO lines at north end of project at anticipated construction access
 - PECO and Verizon will raise wires as necessary above anticipated construction access



N.T.S.



CONSTRUCTION

Full Detour

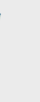
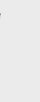
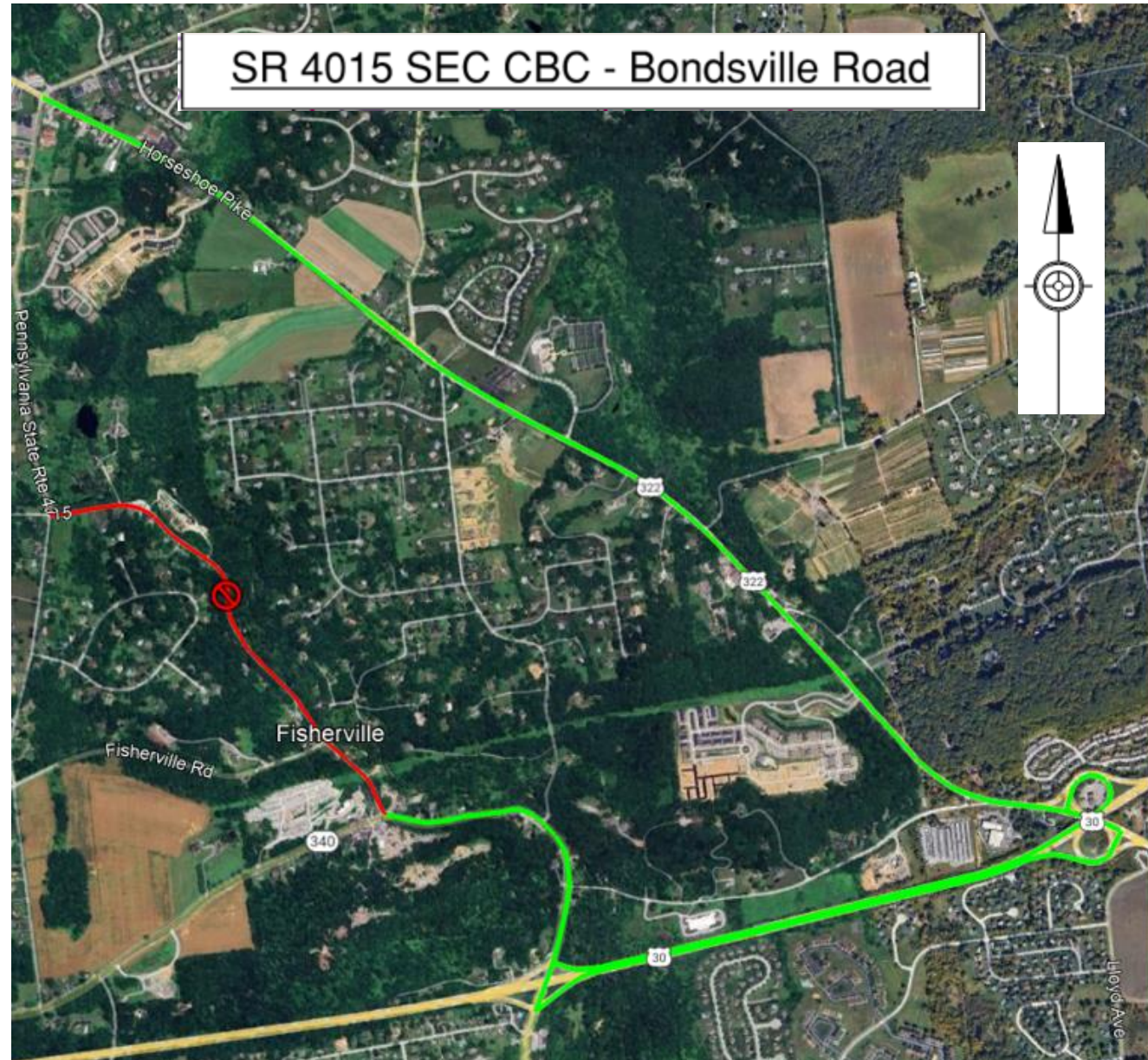
- Local Access Only = 1.8 miles
- Detour Length = 4.5 miles (approx. 7 minutes added) along state roadways
- Access for emergency vehicles will be maintained

Northbound Detour:

- Begin at the intersection of Bondsville Road (SR 0340 / SR 4015) and E. Kings Highway (SR 0340)
- South on Bondsville Road (SR 0340)
- East along the Coatesville Downingtown Bypass (SR 0030)
- Northwest along Horseshoe Pike (SR 0322)

Southbound Detour:

- Begin at the intersection of Bondsville Road (SR 4015) and Horseshoe Pike (SR 0322)
- Southeast along Horseshoe Pike (SR 0322)
- West along the Coatesville Downingtown Bypass (SR 0030)
- North on Bondsville Road (SR 0340)
- End at the intersection of Bondsville Road (SR 4015 / SR 0340) and E. Kings Highway (SR 0340)



PROJECT SCHEDULE



January 2026: Design
complete



Spring 2026: Anticipated
construction start



December 2026: Anticipated
construction end



PROJECT CONTACT

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