

STATE ROAD (U.S. 1) OVER DARBY CREEK BRIDGE REPLACEMENT



PUBLIC MEETING

JUNE 4, 2026



Pennsylvania
Department of Transportation

State Road (U.S. 1) Over Darby Creek Bridge Replacement

Springfield and Upper Darby townships,
Delaware County

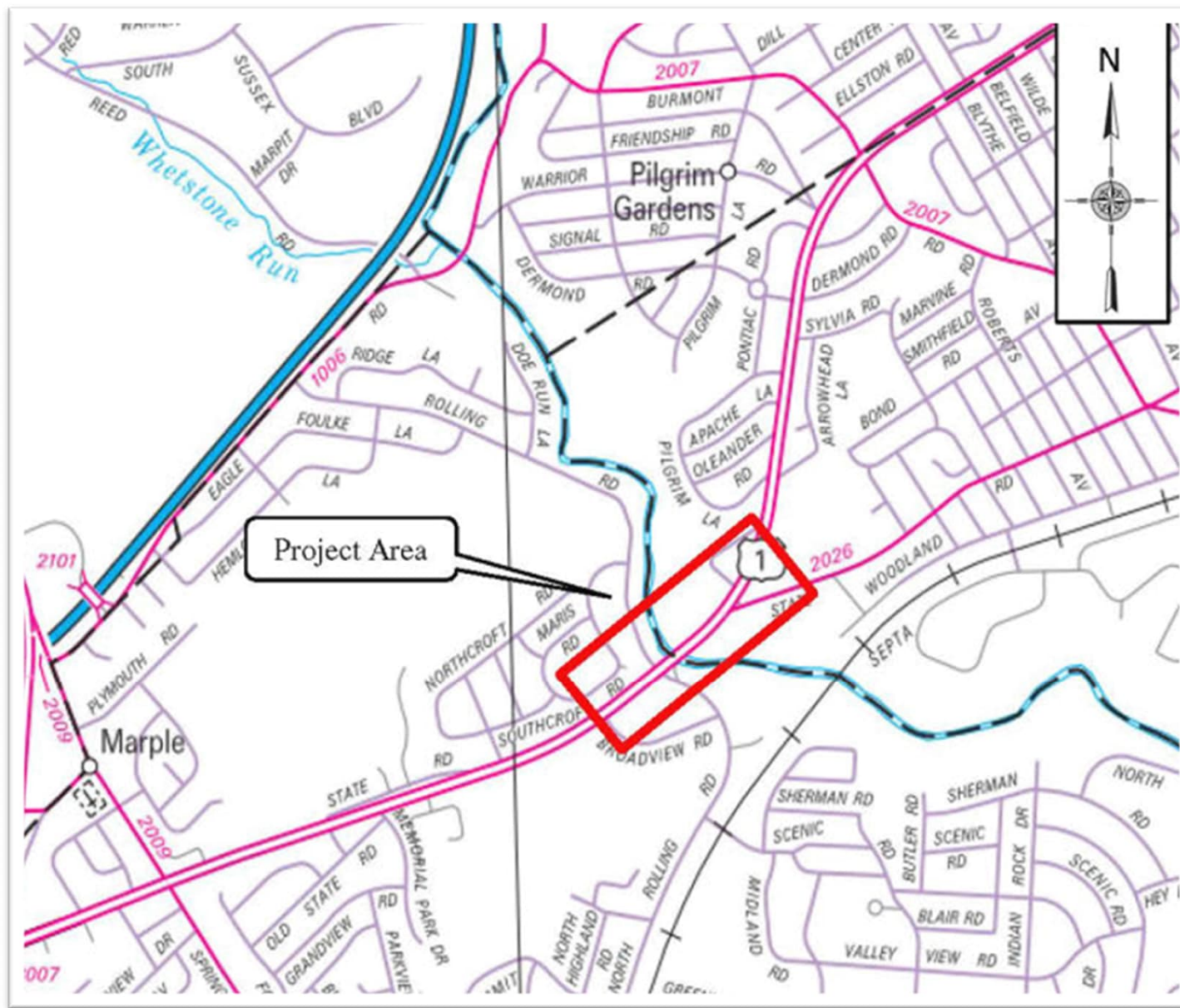


PROJECT TEAM

- MIKE HOLVA – PennDOT Project Manager
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- TOM STORRS – AECOM Project Manager
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PROJECT LOCATION



PURPOSE & NEED

Project Purpose: Provide a structure that meets current structural design requirements and has the hydraulic capacity to convey the design flow of Darby Creek.

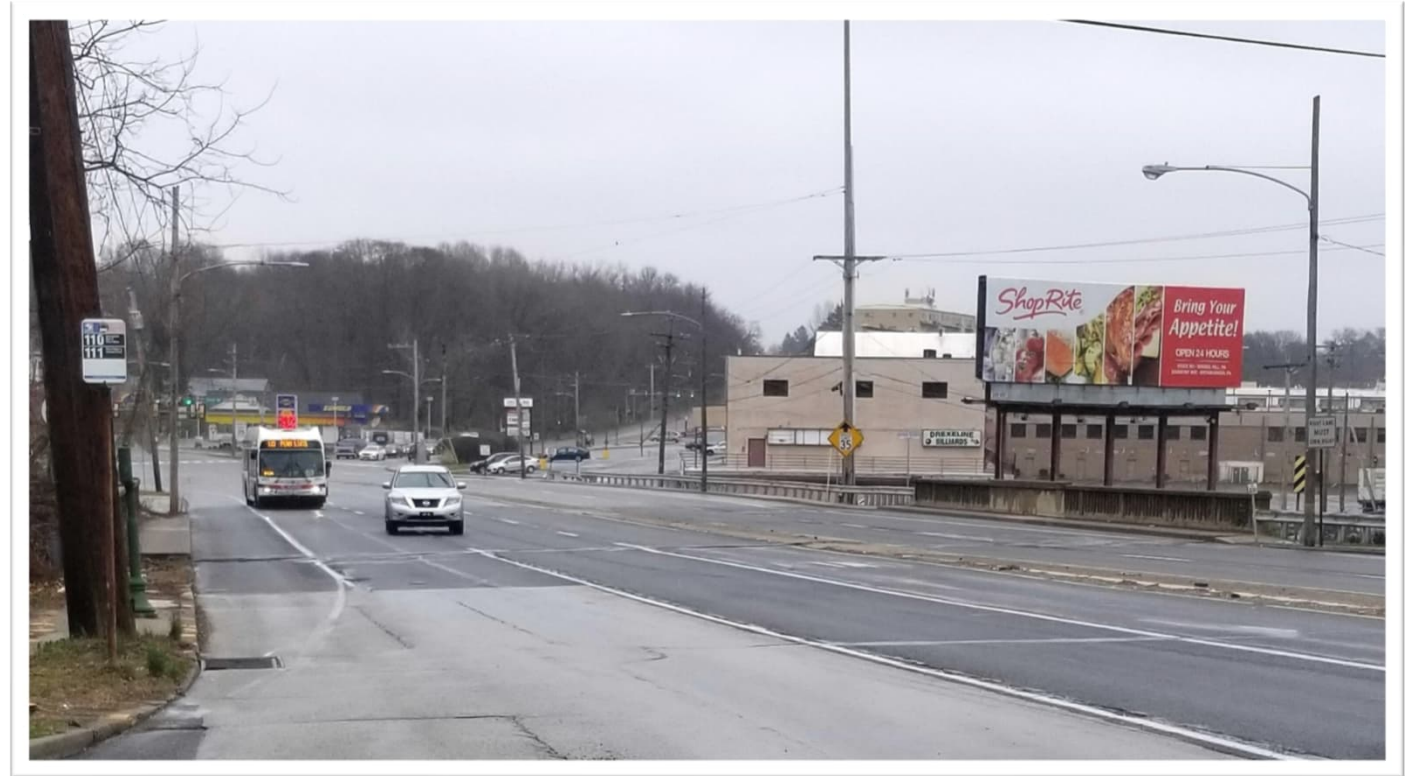
Project Need:

- The steel superstructure has severe rust and section loss
- The concrete deck has deterioration, with spalls and rusted reinforcing steel
- Scour at the upstream side of bridge pier
- Sediment deposits have impacted the flow of Darby Creek

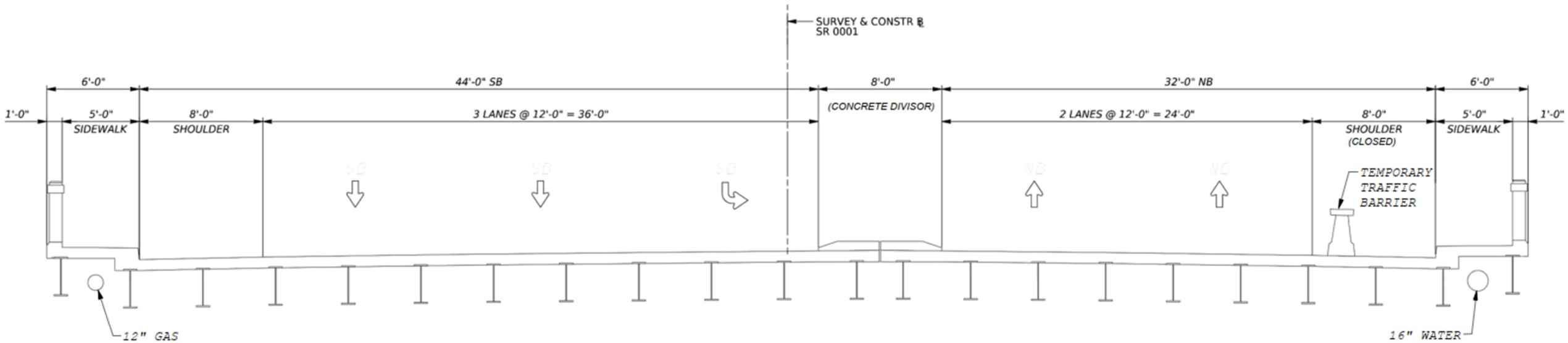


EXISTING BRIDGE DESCRIPTION

- Construction Year: 1950
- Design: Two-span steel I-beam bridge
- Total Length: 105 feet
- Width: 96 feet
- Existing Features:
 - Two (2) travel lanes in each direction
 - Southbound left turn lane
 - Shoulders
 - Sidewalk on both sides of the bridge.



EXISTING TYPICAL SECTION



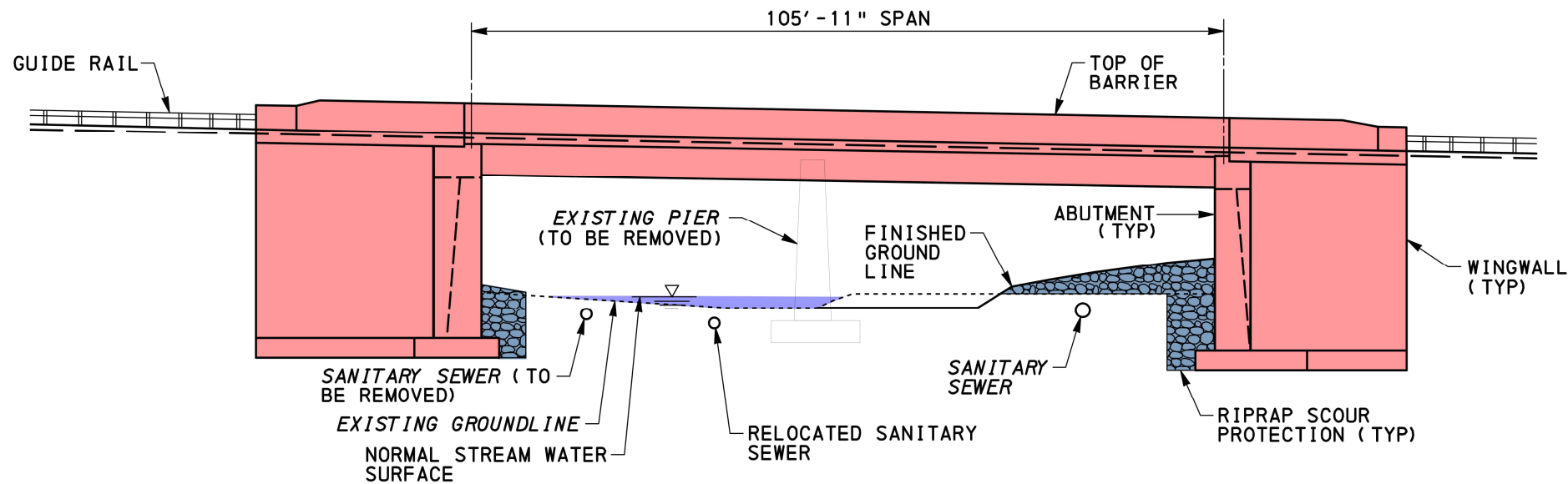
PROPOSED BRIDGE DESCRIPTION

Design:

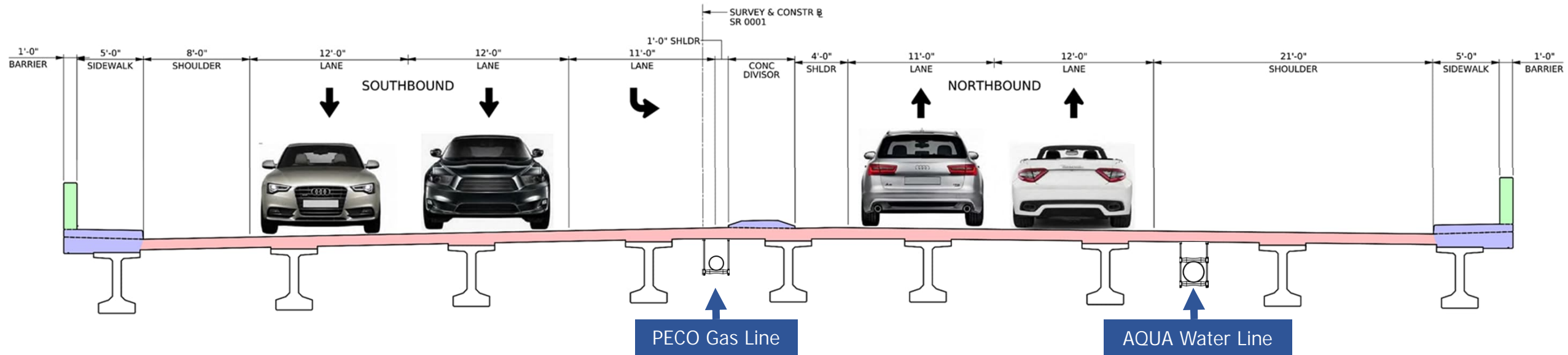
- Single Span Prestressed Concrete Bridge
- Total Length: 105'-11" feet
- Width: 109 feet

Proposed Features:

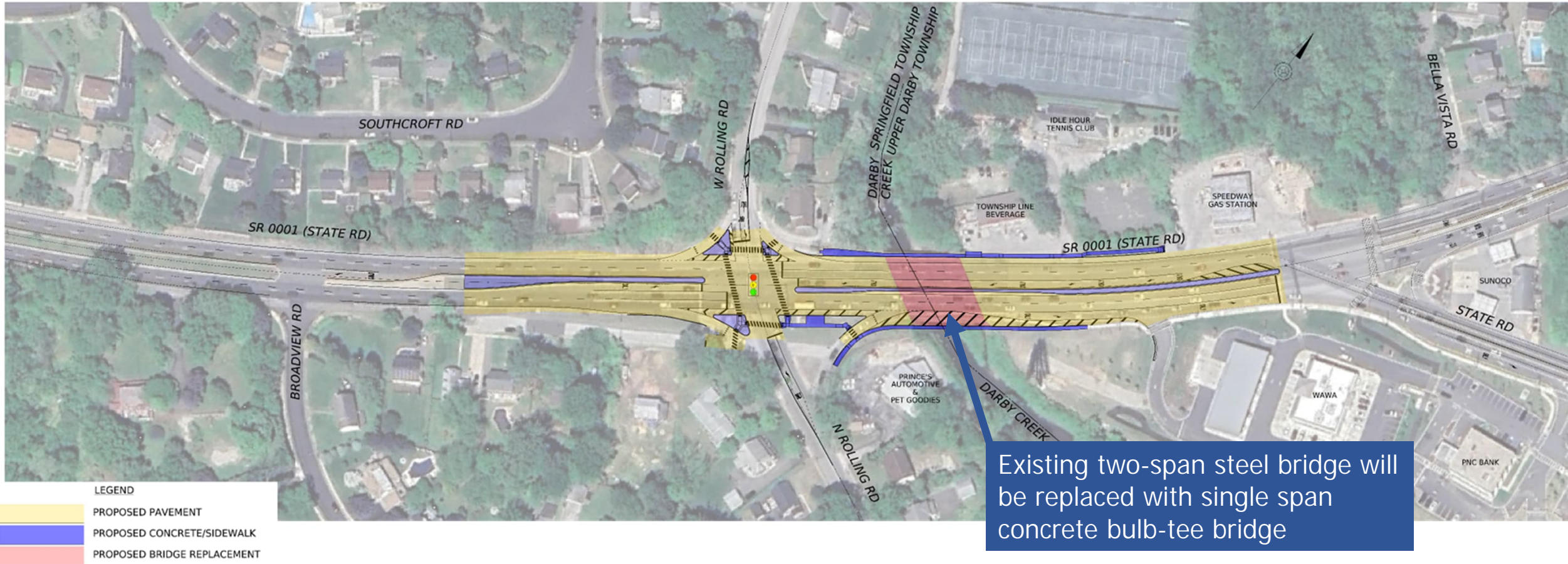
- Pier Removal results in improved stream flow
- Riprap Scour Protection
- Two (2) travel lanes in each direction
- Southbound left turn lane
- 8' SB and 21' NB Shoulders
- 5' Sidewalk on both sides of the bridge



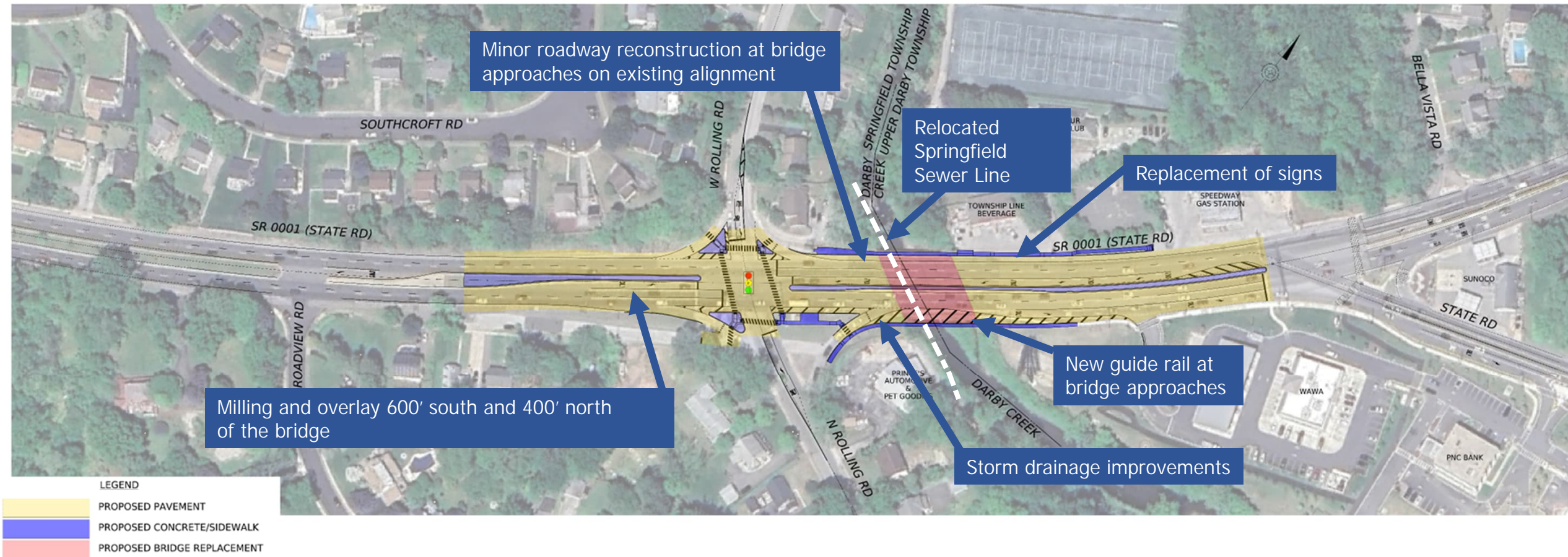
PROPOSED TYPICAL SECTION



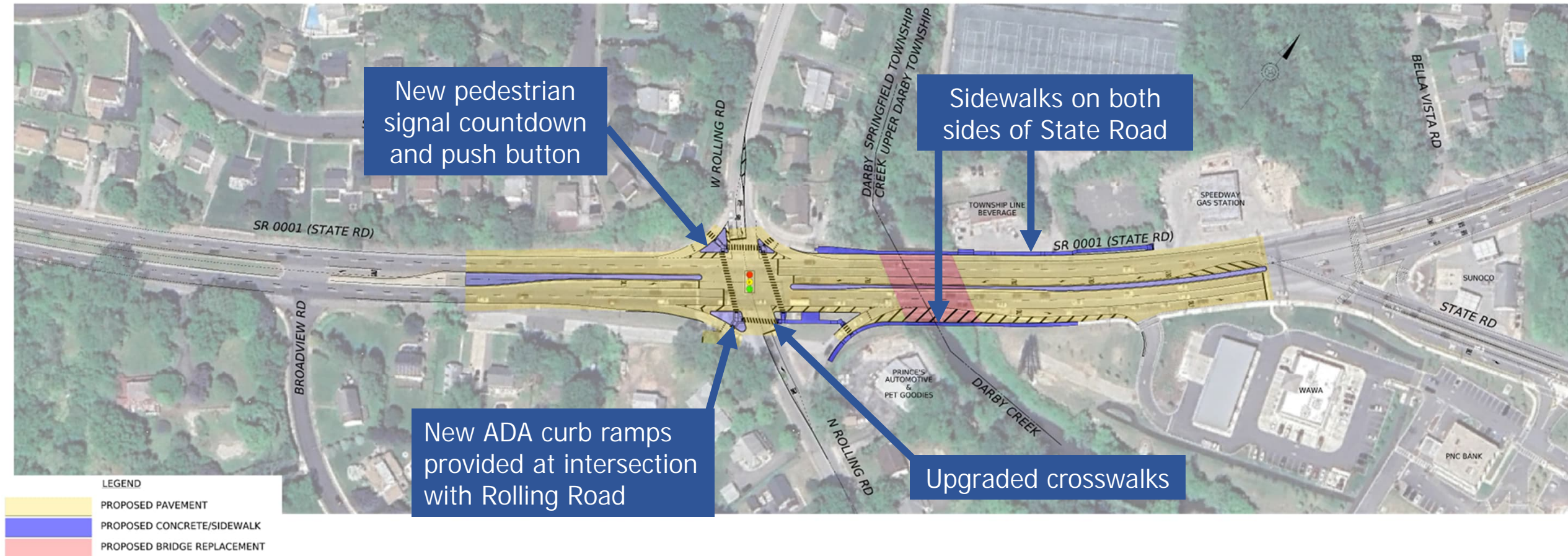
BRIDGE DESIGN



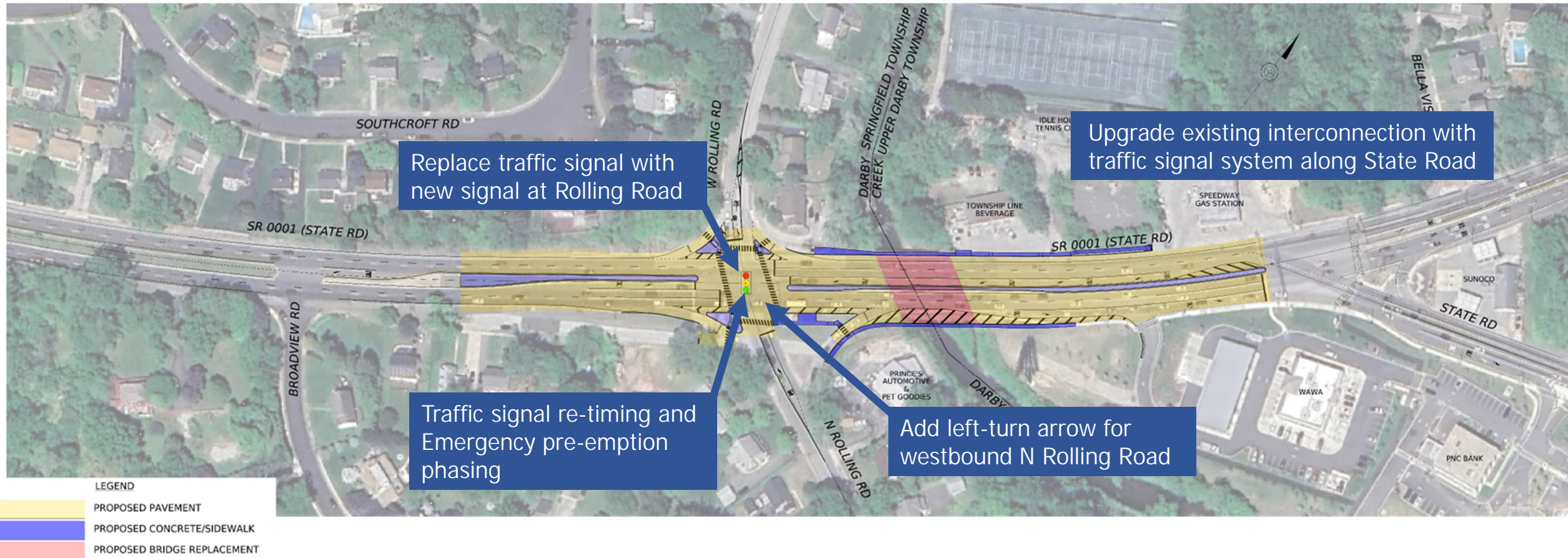
ROADWAY IMPROVEMENTS



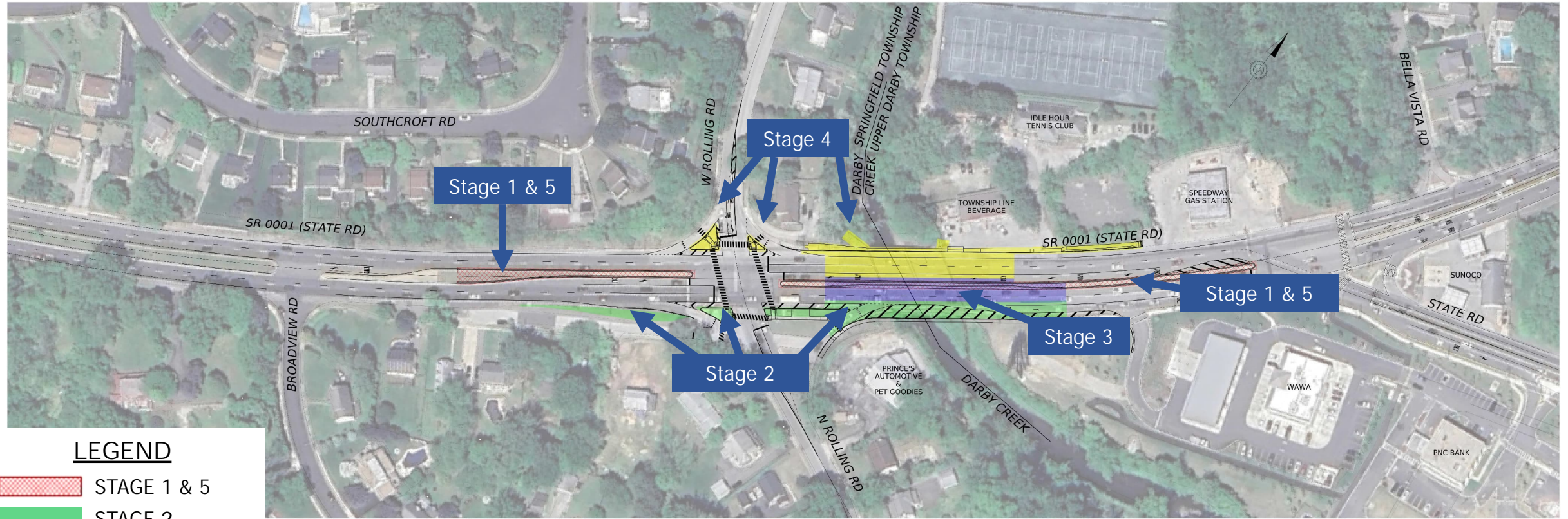
PEDESTRIAN IMPROVEMENTS







TRAFFIC SIGNAL IMPROVEMENTS



TRAFFIC CONTROL STAGES



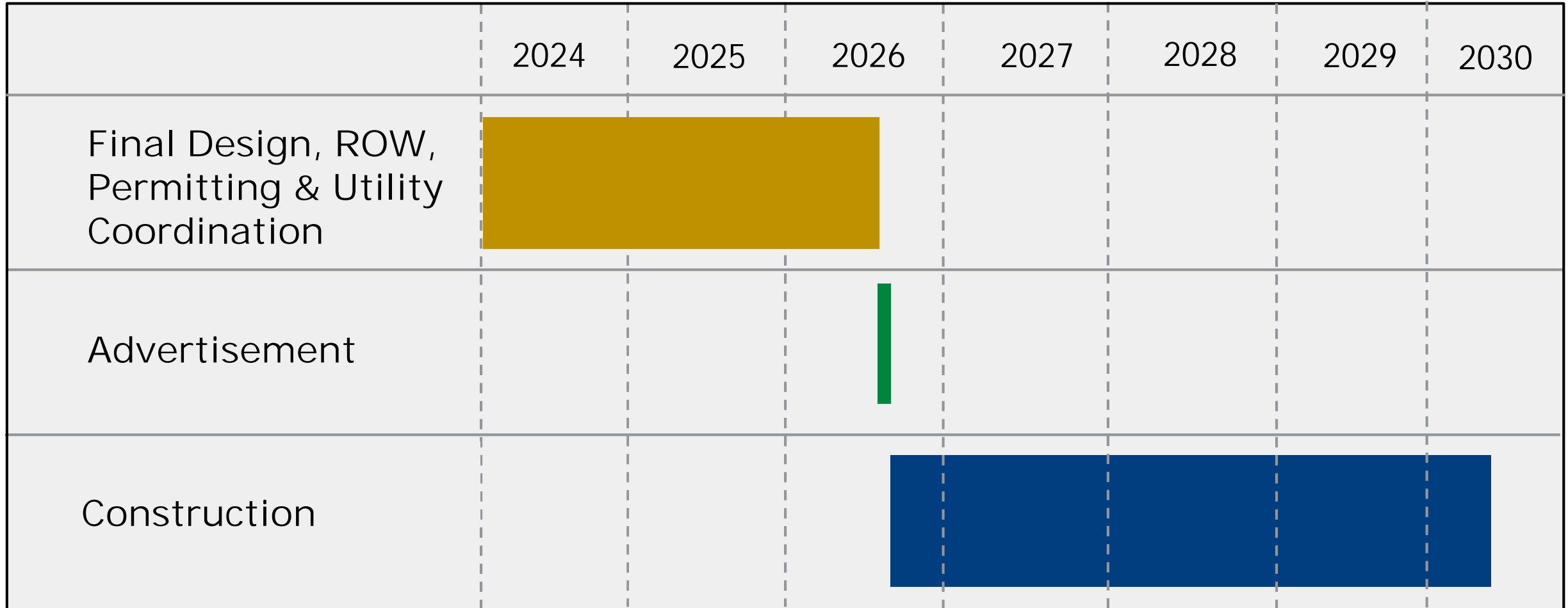
LEGEND

-  STAGE 1 & 5
-  STAGE 2
-  STAGE 3
-  STAGE 4

AECOM
0 50 100 FEET

RENDERING

PROJECT TIMELINE



QUESTIONS?



Pennsylvania
Department of Transportation

THANK YOU FOR PARTICIPATING

For more information, please visit the PennDOT District 6 website:

<https://www.penndot.pa.gov/REGIONALOFFICES/DISTRICT-6>

*Click on Projects Near You > District 6 > State Road (U.S. 1) over Darby Creek
Bridge Replacement*



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