

SR 580, SECTION 451

**BRIDGE REPLACEMENT PROJECT
GREEN TOWNSHIP AND CHERRY TREE BOROUGH
INDIANA COUNTY
MPMS NO. 25777**



SHAWN KAISER, JULY 2026

PENNDOT BY THE NUMBERS



Pennsylvania
Department of Transportation



40,000

Miles of
Roadway



25,400

Bridges



\$2.9 Billion
Annual Construction
Contracts Anticipated
For Bid in '25



11,731 Employees
7,095 Maintenance
Employees



52

Transit
Systems



65

Operating
Railroads



3

Ports



120

Public Use
Airports



10.2 Million
Licensed Drivers
& ID Holders



11.8 Million
Registered
Vehicles



\$12 Billion
Budget



100.2 Billion
Annual Vehicle
Miles Traveled*



2,440
Miles of BicyclePA
Routes



PROJECT TEAM

- PennDOT Engineering District 10-0
 - Senior Project Manager – Anthony Pioli, P.E.
 - Project Manager – Shawn Kaiser, E.I.T.
- Sucevic, Piccolomini, & Kuchar (SPK) Engineering, Inc.
 - Project Manager – Ron Ferlin, P.M.P.
 - Project Engineer – Perry M. Schweiss, P.E.
 - Design Engineer – Eric Starliper, P.E.
- Stakeholders
 - Green Township & Cherry Tree Borough
 - Emergency Management Services
 - Local Residences



PROJECT SUMMARY

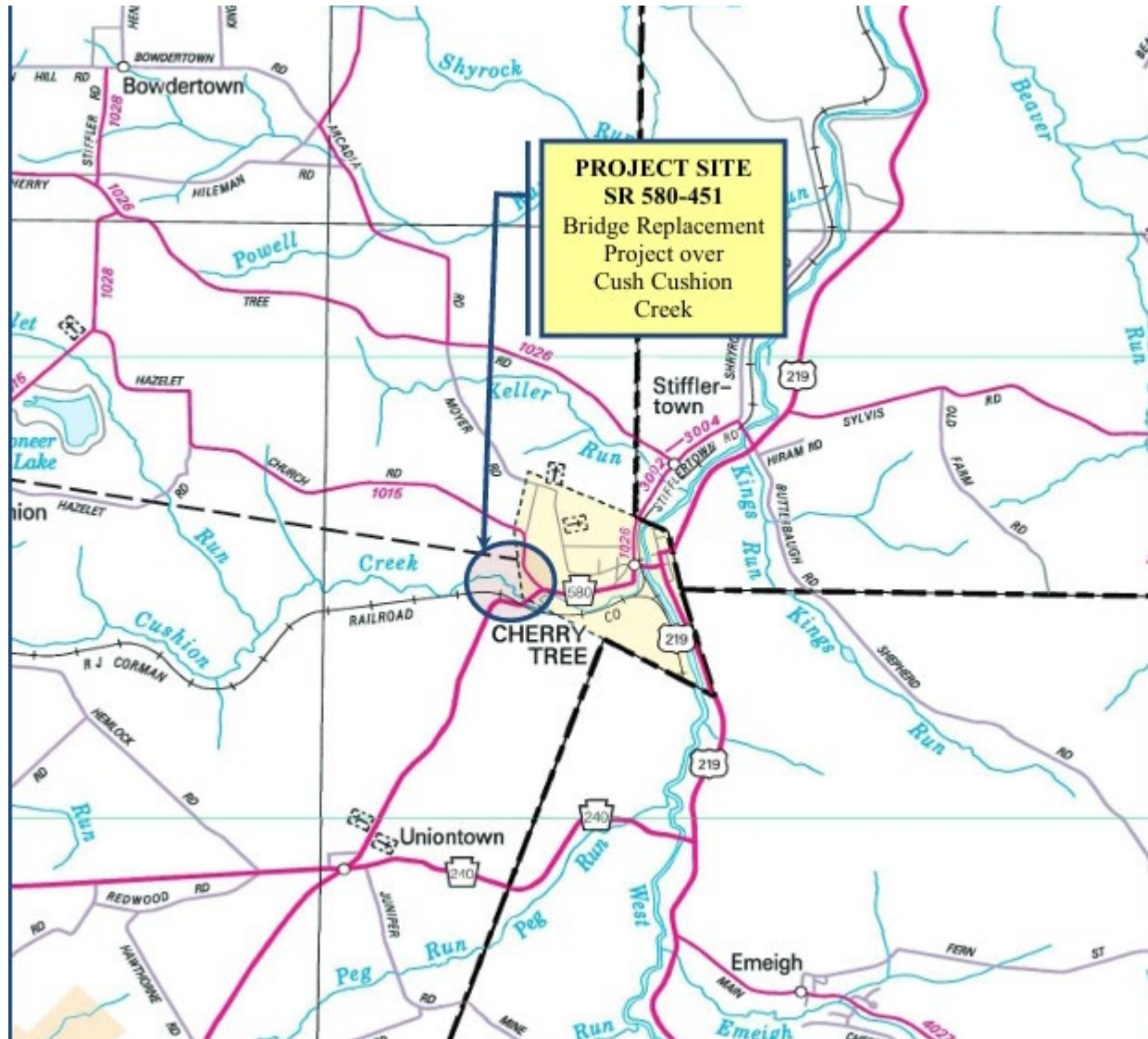
Project Description:

- SR 0580-451 over Cush Cushion Creek is located on the border of Green Township and Cherry Tree Borough, Indiana County. The project consists of the replacement of a single span, steel I beam structure on masonry abutments with a single span, steel superstructure on integral abutments. Approach roadway work will consist of full depth reconstruction on both approaches. Mill and overlay will be utilized on the southern portion of SR 580 south of the railroad tracks. Mill and overlay will also be utilized on the northern approach outside the limits of the full depth reconstruction. The horizontal alignment will be slightly altered to move the horizontal curve away from the proposed structure on the north approach while the vertical grade will be slightly raised. Traffic is anticipated to be maintained via detour. Construction of this project is anticipated to occur in 2029.

Project Purpose and Need:

- The purpose of this project is to provide a safe reliable crossing of Cush Cushion Creek on SR 580 which meets current design criteria and structural capacity needs. The existing structure is in poor condition due to advanced section loss of the existing steel I beam structure.





PROJECT PHOTOS

Photo 1: SR 580
looking North across
structure



Photo 2: SR 580
looking South across
structure



PROJECT PHOTOS

Photo 3: SR 580
looking upstream
under structure



Photo 4: SR 580
looking downstream
to structure



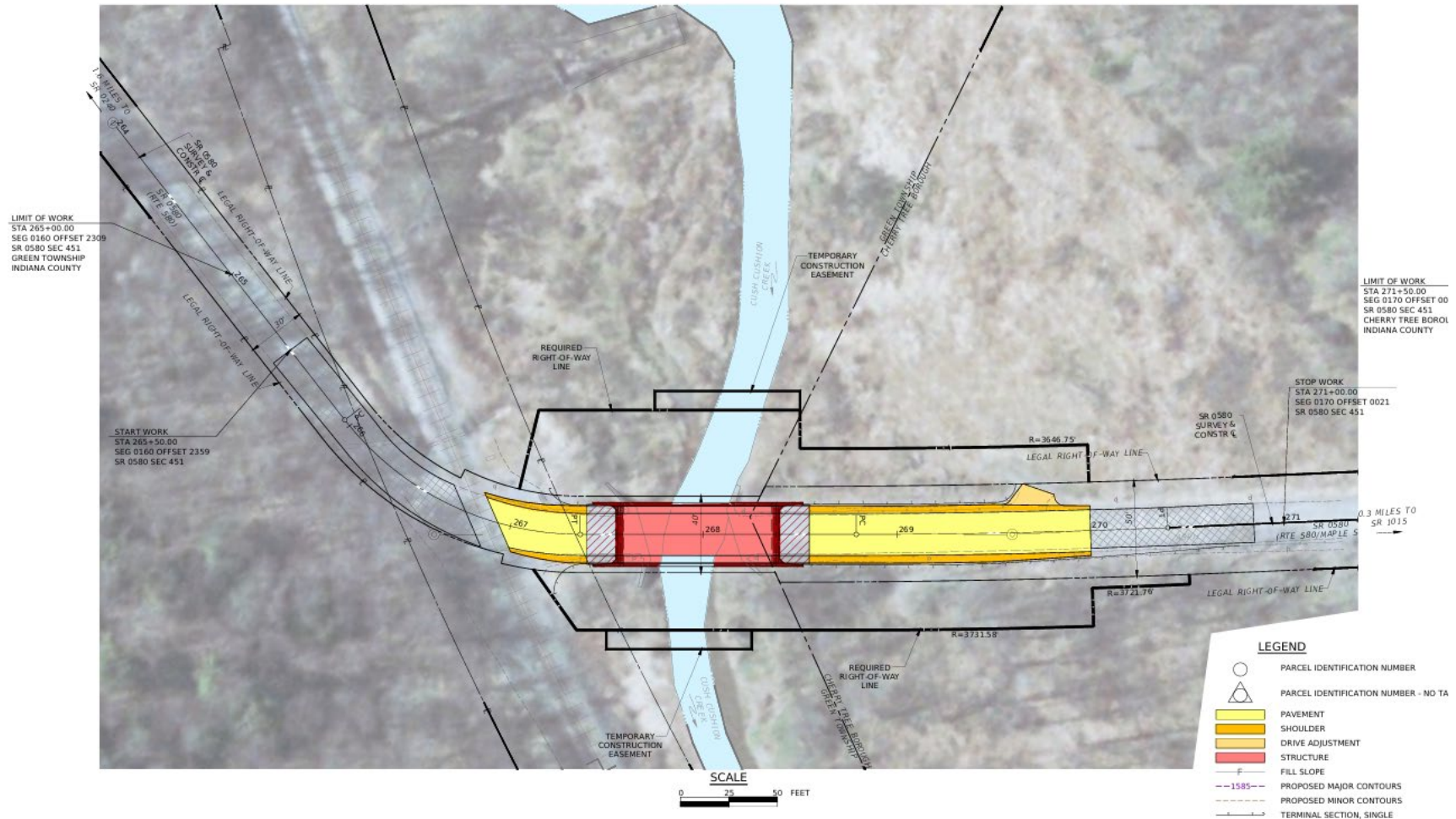
PROJECT IMPROVEMENTS

- Planned improvements for the project location include the following:
 - Replacement of a single span, steel I beam structure on masonry abutments with a single span, steel superstructure on integral abutments
 - Full depth reconstruction of the roadway on both approaches
 - New guide rail attached to the proposed structure

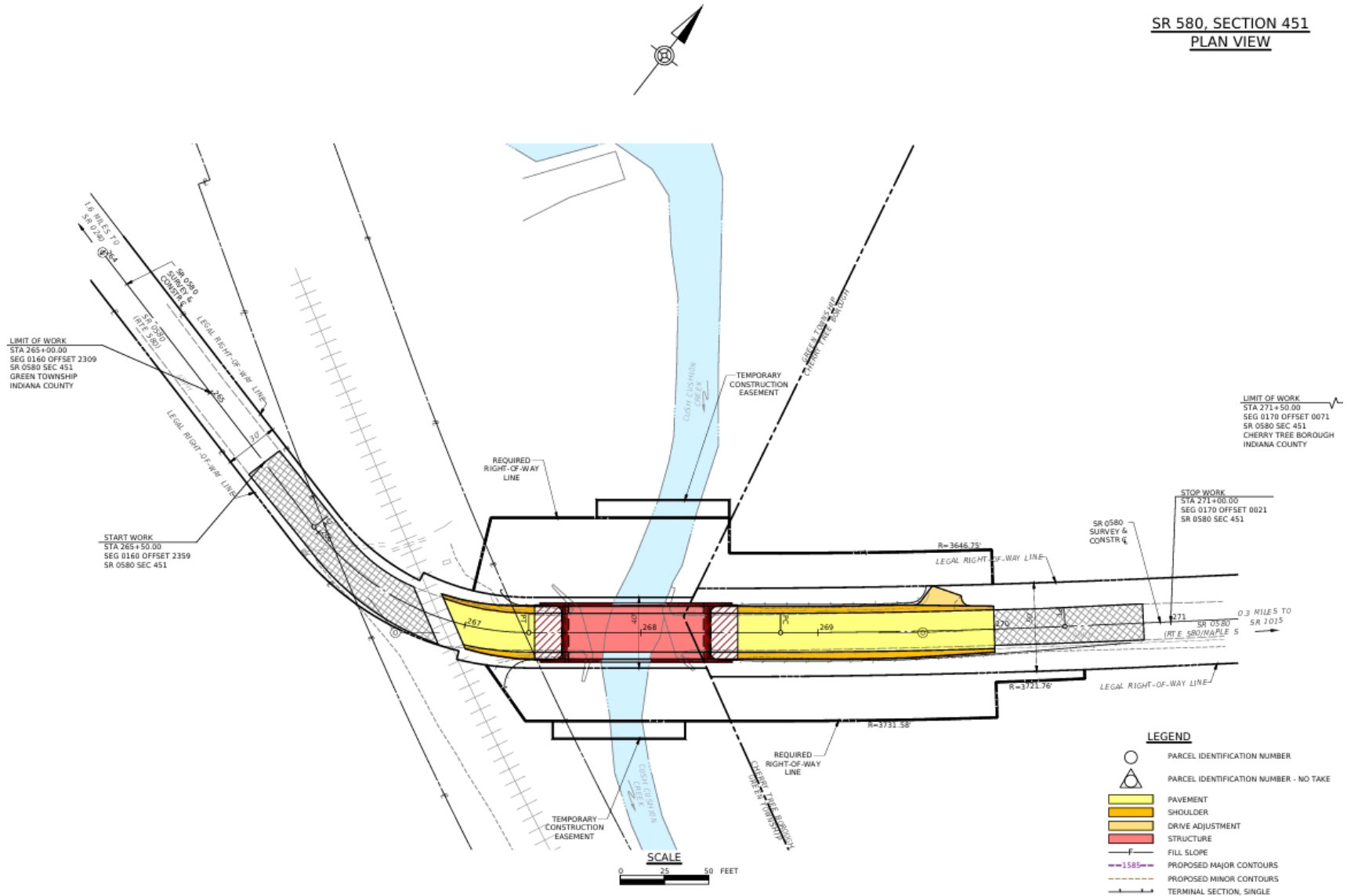


PROJECT ROADWAY PLAN (AERIAL)

SR 580, SECTION 451
PLAN VIEW

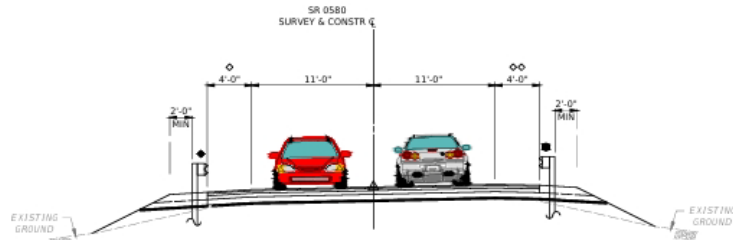


SR 580, SECTION 451
PLAN VIEW

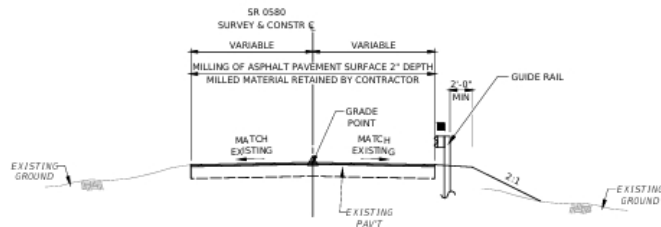


PROJECT ROADWAY TYPICAL

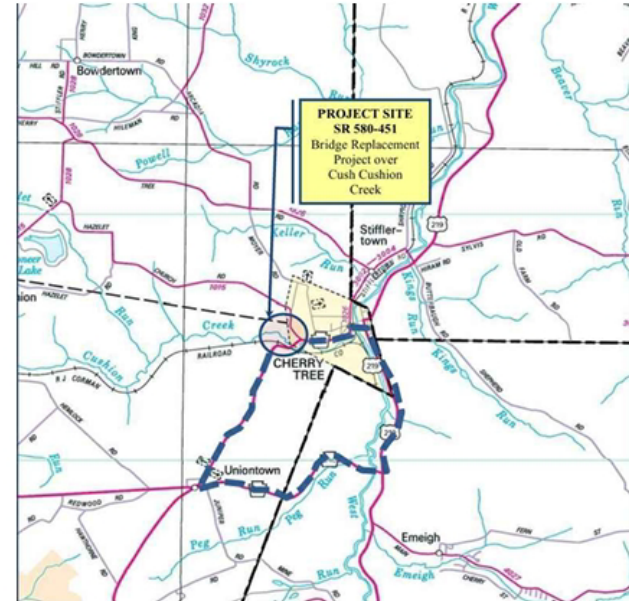
SR 580, SECTION 451 TYPICAL SECTION



TYPICAL SUPERELEVATED SECTION
SR 0580
STA 266+93.41 TO STA 270+00.00



TYPICAL MILL AND OVERLAY SECTION
STA 265+50.00 TO STA 266+75.68
STA 270+00.00 TO STA 278+84.49
NOT TO SCALE

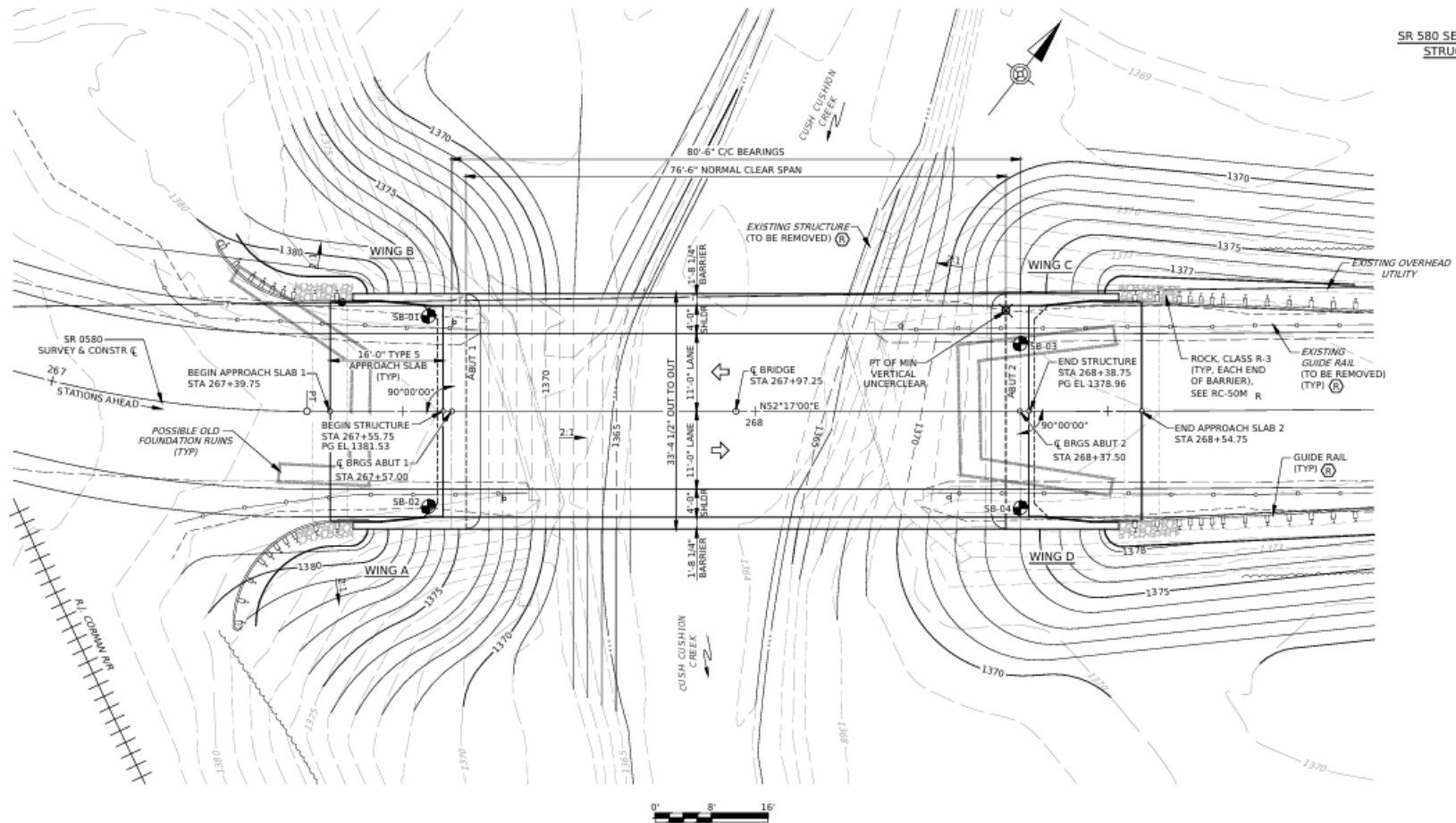


SR 580, SECTION 451 PROJECT SCHEDULE

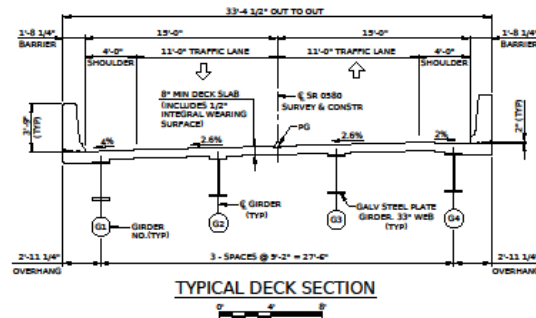
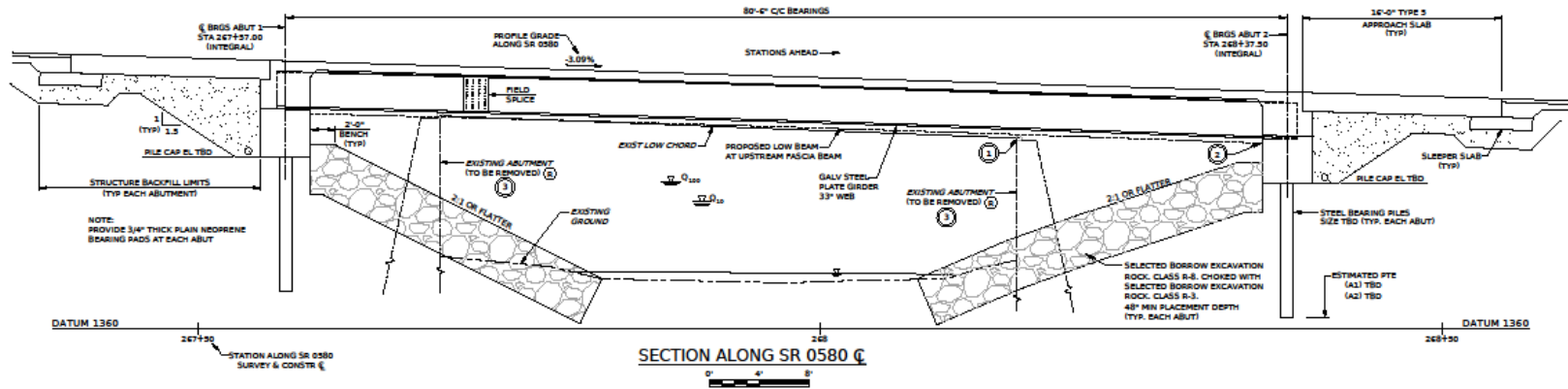
PRELIMINARY DESIGN	COMPLETE SUMMER/FALL 2026
BEGIN FINAL DESIGN	FALL/WINTER 2026
BEGIN R/W ACQUISITION	SPRING 2027
OPEN BIDS	FALL 2028
ROADWAY CLOSURE AND CONSTRUCTION	SUMMER 2029



PROJECT STRUCTURE PLAN

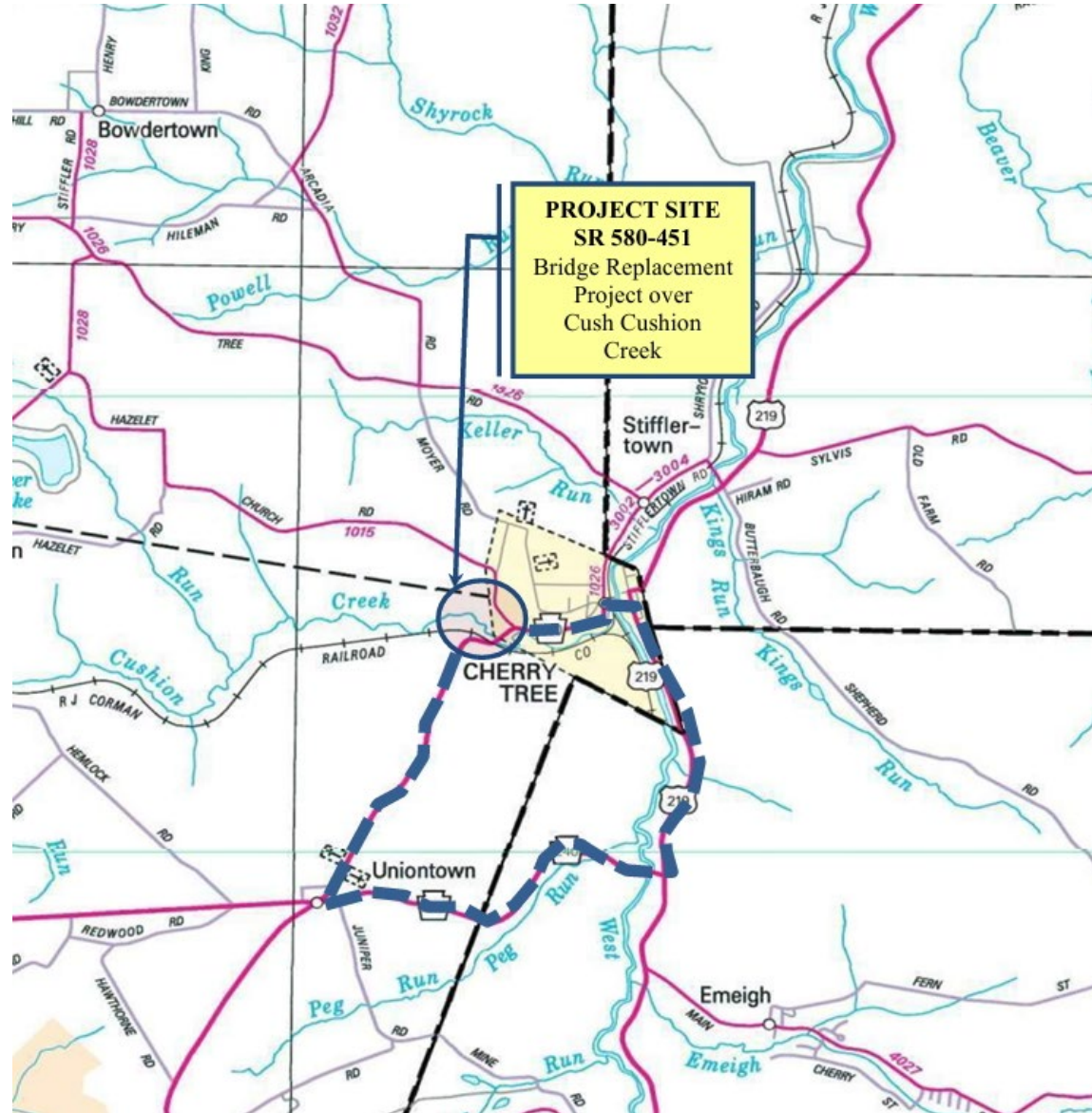


SR 580, SECTION 451
STRUCTURE



PROJECT DETOUR

- A detour will be utilized to maintain traffic as part of this project.
- The detour will utilize SR 240 and SR 219
- The detour will be approximately 3.2 miles long.
- The detour will be in place for six months during the summer of 2029.



PROJECT IMPACTS AND MILESTONES

- Public Utility Impacts:
 - There are overhead telecommunication lines located within the project limits. Due to the location of the existing poles and proposed typical section, 2 poles are anticipated to be impacted.
- Major Project Milestones:
 - Complete Preliminary Engineering: Summer/Fall 2026
 - Begin Final Design: Fall/Winter 2026
 - Begin Right-of-Way Acquisition: Spring 2027
 - Open Bids: 9-28-2028 (Official let date)
 - Construction: Summer 2029
- Construction Cost:
 - Estimated to be less than \$2,000,000 Dollars.



QUESTIONS?

CONTACT PENNDOT PROJECT MANAGER IF YOU HAVE ANY
QUESTIONS / CONCERNS.

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