

ROUTE 6N (ROUTE 3006) RAILROAD BRIDGE PROJECT, ERIE COUNTY



PROJECT DESCRIPTION

- The proposed project includes the replacement of the railroad bridge that carries Canadian National/Bessemer & Lake Erie Railroad over US 6N (Route 3006) in Springfield Township, Erie County.
- The project will include replacing the existing railroad bridge with a single-span steel multi-girder bridge.
- Work will also include widening of the roadway under the structure, increasing vertical and horizontal clearances for traffic beneath the bridge, pipe and channel realignment, and updated guide rail and pavement markings.



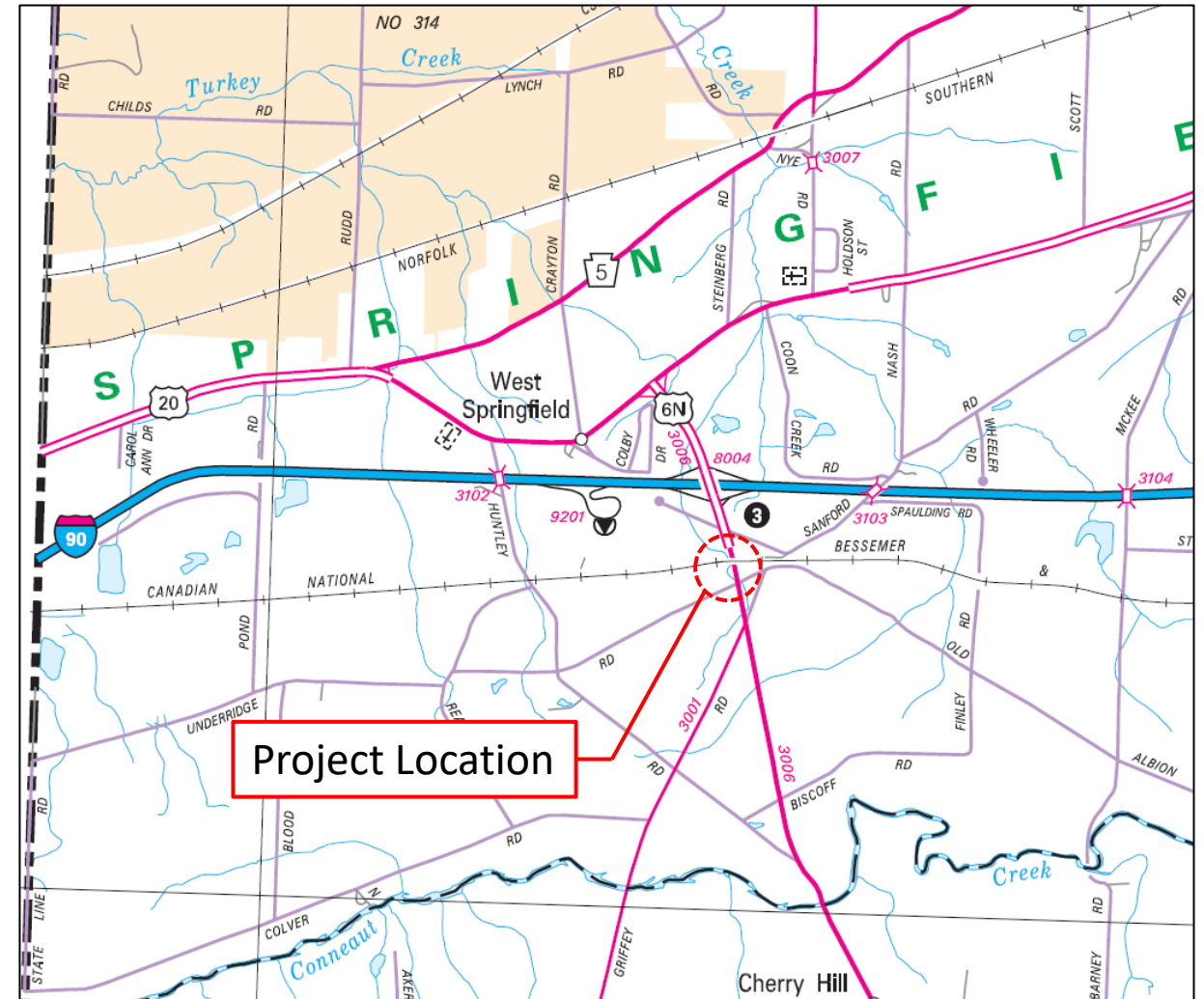
PROJECT DESCRIPTION

- The existing single-span concrete encased rolled steel I-beam bridge was built in 1930 and is rated in poor condition.
- Approximately six trains a day (three during the day and three at night) use the bridge.
- Approximately 2,300 vehicles a day use the roadway, on average, with 5% truck traffic.
- Work is expected to occur during the 2027 construction season.



PROJECT DESCRIPTION

- The project is located on US 6N (Route 3006) between the intersection with Old Albion Road and the intersection with Sanford Road near the Ohio state border. It is just south of Interstate 90.
- The project site is indicated by the red circle on the map.

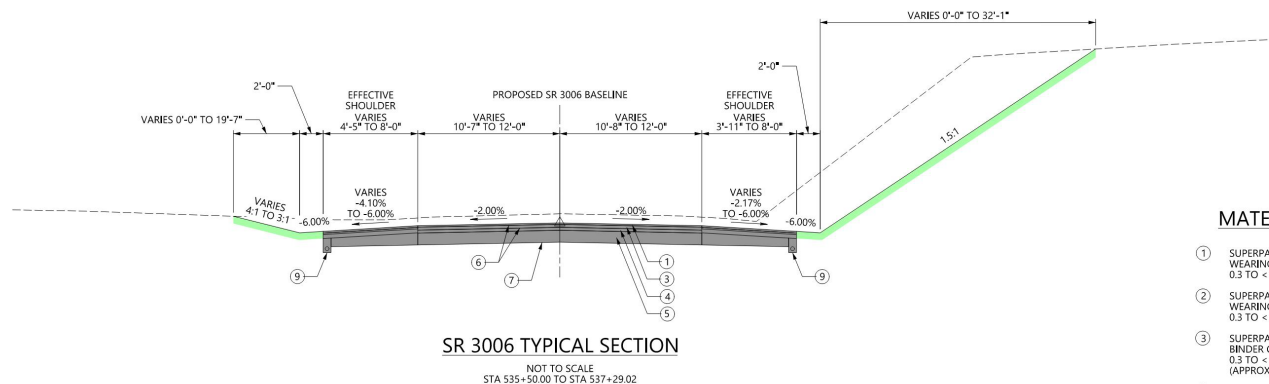


PROPOSED PLAN

- The proposed project will completely replace the railroad bridge and include a new widened roadway under the bridge.
- Existing roadway:
 - lanes vary from 9 feet, 5 inches to 15 feet
 - shoulders vary from zero to 8 feet
- Proposed roadway:
 - 12-foot lanes
 - 8-foot shoulders
- Work will also include pipe and channel realignment and updated guiderail and pavement markings.

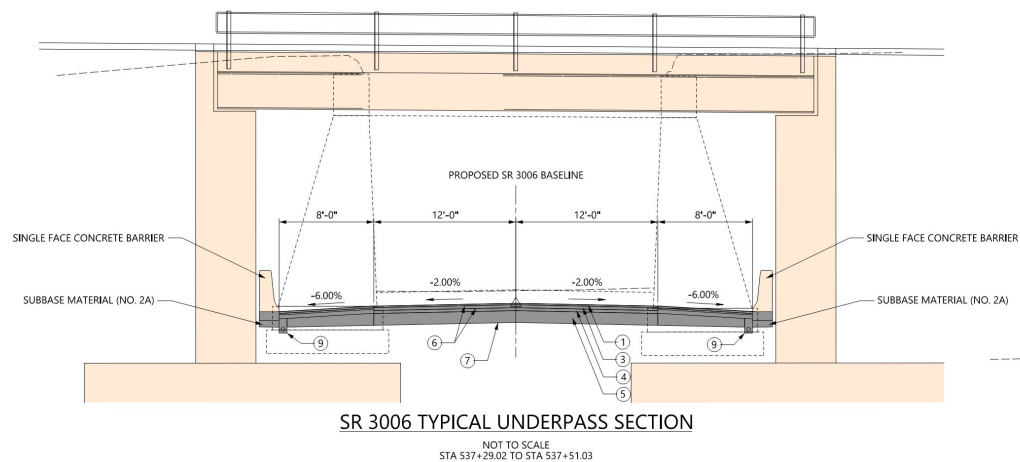


PROPOSED BRIDGE REPLACEMENT

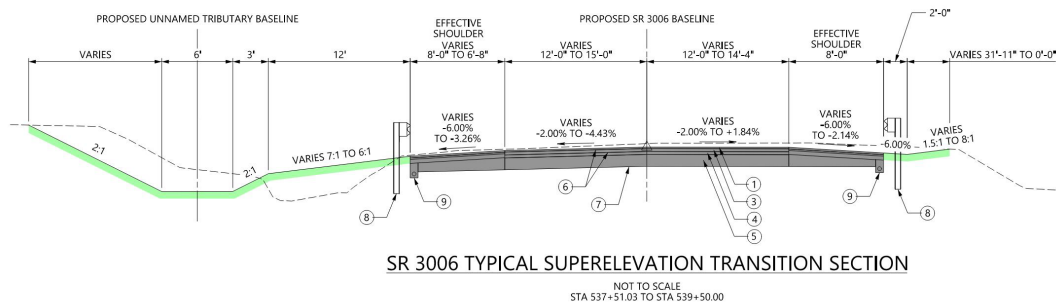


MATERIALS

- ① SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 645-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-M (0413-0247)
- ② SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE (SCRATCH), PG 645-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, SRL-L (60#/SY) (0413-1024)
- ③ SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 645-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, (APPROX 275#/SY, TARGET 2 1/2" DEPTH) (0413-6047)
- ④ SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 645-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 5" DEPTH (0313-0424)
- ⑤ SUBBASE 8" DEPTH (NO. 2A) (0350-0108)
- ⑥ ASPHALT TACK COAT (NTT/CNTT) (0460-0003)
- ⑦ GEOTEXTILE, CLASS 4, TYPE A (0212-0014)
- ⑧ TYPE 31-5 GUIDE RAIL (0620-1600)
- ⑨ 6" PAVEMENT BASE DRAIN (0610-7002)



SR 3006 TYPICAL MILL & OVERLAY SECTION



CANADIAN NATIONAL / BESSEMER & LAKE ERIE RAILROAD OVER US 6N (SR 3006) BRIDGE REPLACEMENT PROJECT

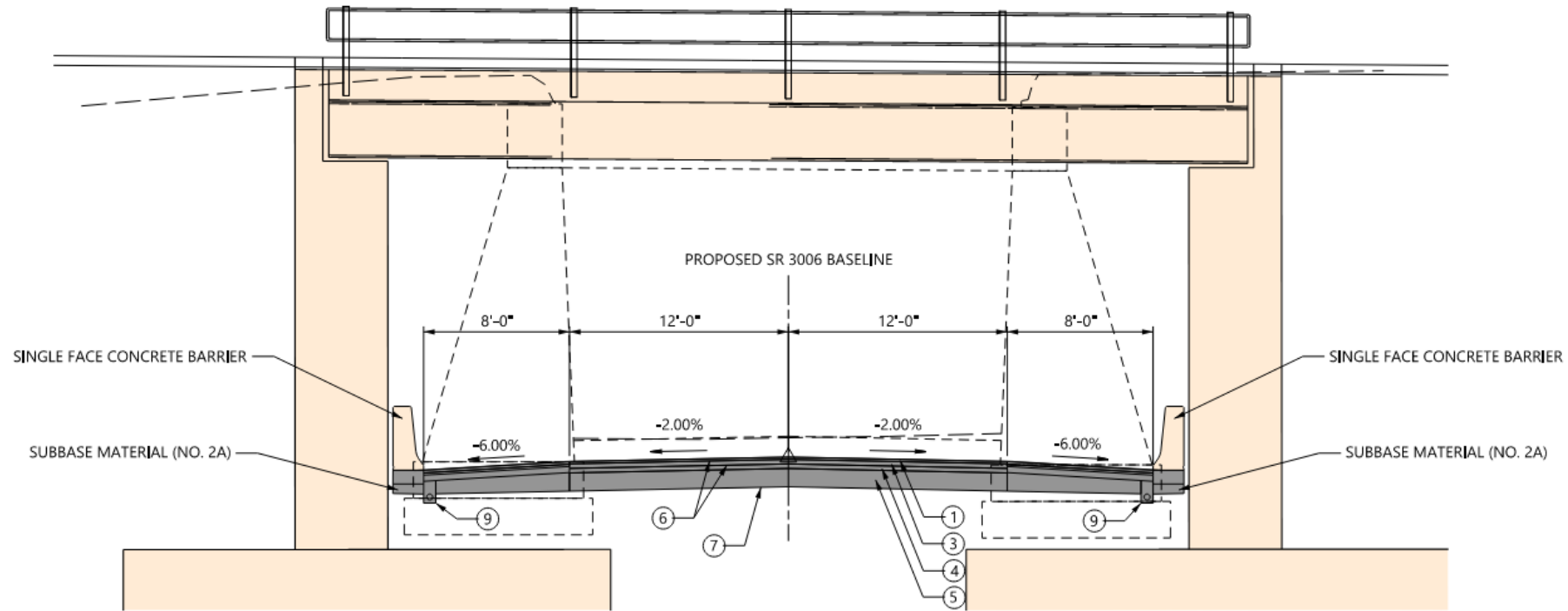
PREPARED FOR:
pennsylvania
DEPARTMENT OF TRANSPORTATION
ENGINEERING DISTRICT 1-0
255 ELM STREET, P.O. BOX 398
OIL CITY, PA 16301

PREPARED BY:
Colliers Engineering & Design
800 CRANBERRY WOODS DRIVE, SUITE 280
CRANBERRY TOWNSHIP, PA 16066

SR 3006 SECTION B11
PRESENTATION BOARD 2
TYPICAL SECTIONS
JULY 2024 SHEET 2 OF 3



PROPOSED BRIDGE REPLACEMENT



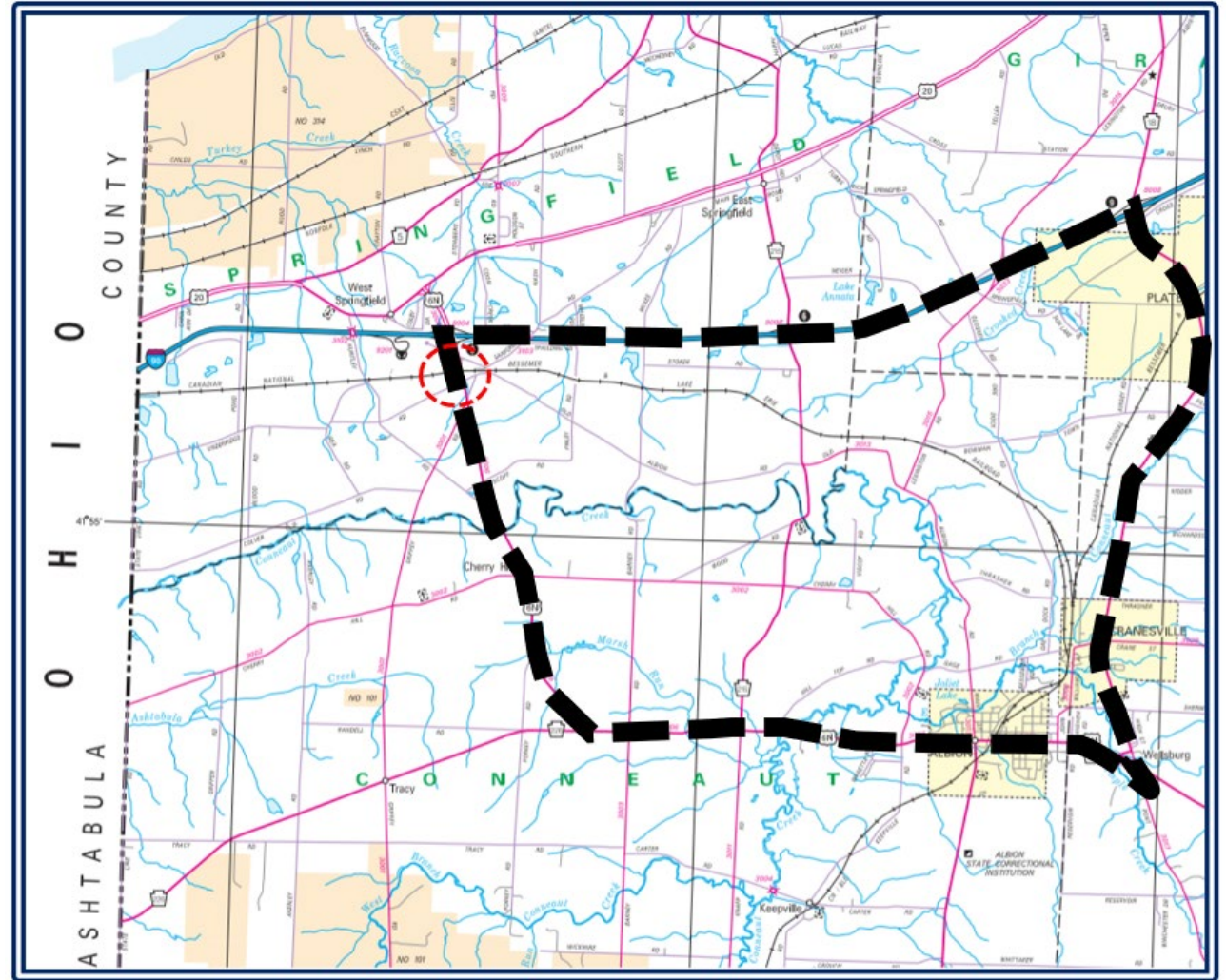
SR 3006 TYPICAL UNDERPASS SECTION

NOT TO SCALE
STA 537+29.02 TO STA 537+51.03

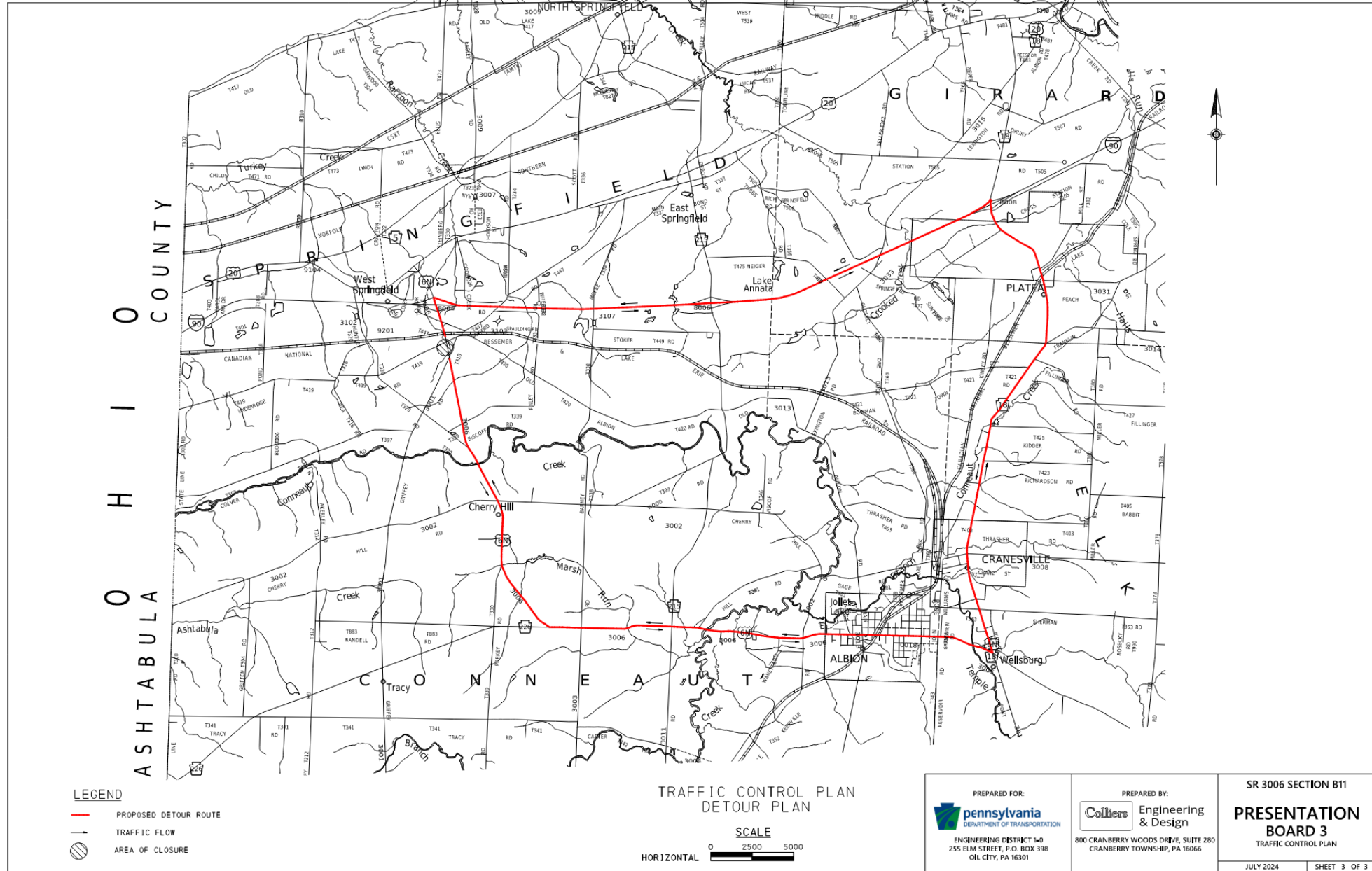


TRAFFIC IMPACTS

- The roadway will be closed for various periods over a duration of 9 months during construction.
- The proposed 21-mile detour route will be posted using Route 6N, Route 18, and I-90.
- The railroad will be maintained with a temporary rail line, known as a shoofly, to provide a runaround during construction.



TRAFFIC IMPACTS



PROJECT INPUT / FEEDBACK

An online comment form can be accessed by visiting the PennDOT District 1 website, www.penndot.pa.gov/District1 under the [Design and Construction Projects](#) link.

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