

Plans Display Information Sheet

The Pennsylvania Department of Transportation is proposing the replacement of the SR 0080, Section 350 EB bridge (Project Bridge 5B) over SR 0081 in Butler Township, Luzerne County, Pennsylvania. The existing SR 0080 EB bridge over SR 0081 is a 4 Span Prestressed Concrete I-Beam bridge built in 1965. The existing bridge is in poor condition and does not meet current design standards. The project also includes preventive maintenance on the SR 0081 NB bridge (Project Bridge 16B) over SR 0080 WB. The existing SR 0081 NB bridge over SR 0080 WB is a Single span, Prestressed Concrete I-Beam bridge, built in 1965.

The purpose of the project is to provide a sustainable crossing of SR 0080 EB over SR 0081 that meets current design standards and provides a safe and efficient highway system for motorists, and to maintain the existing bridge on SR 0081 NB over SR 0080 WB in good repair for the traveling public.

Environmental

The project is located in a rural area with rolling terrain. Land use/cover within the immediate vicinity of the study area primarily consists of woodlands, agricultural fields, and maintained roadway corridors. Site topography is variable and consists of gentle sloping to steep hillslopes.

No bicycle/pedestrian or other unique facilities are located within the project area, and no cultural resources are present in the project area.

Six watercourses and three wetlands were identified within the project area. No temporary or permanent impacts to project area watercourses or wetlands are anticipated as a result of this project.

Utilities

There is a PennDOT-owned power line for highway sign lighting attached to the south fascia of the 5B bridge. The power line will be relocated to the underside of the bridge between the southern two beams.

Right-of-Way

No permanent ROW or Temporary Construction Easements (TCEs) are required for this project. All work is anticipated to be completed within PennDOT's existing legal ROW.

Proposed Construction

The project involves the following main improvements:

SR 0080 EB Bridge (Bridge 5B) over SR 0081

- Replacement of Bridge 5B with widening for traffic control to maintain two-lanes of traffic and to provide the required lane and shoulder widths.
- Reconstruction of the SR 0080/SR 0081 interchange ramps adjacent to the bridge replacement project limits and shoulder widening along the left side of the SR 0080 EB to SR 0081 NB ramp.
- Reconstruction and widening of the outside SR 0081 shoulders beneath the bridge replacement.
- Replacement of sign structure on SR 0080 EB just east of the bridge.
- Construction of stormwater management BMPs in the open field areas.

SR 0081 NB Bridge (Bridge 16B) over SR 0080 WB

- Preventive maintenance including tie-backs at north abutment/wingwall, substructure concrete repairs, beam end repairs, bearing repairs, and deck repairs.

Anticipated Traffic Impacts During Construction

- *SR 0080 EB Bridge (Bridge 5B) over SR 0081 SR 0080 EB*
 - Overnight temporary right lane closures to pick new beams off the SR 0080 right lane for placement of beams in first stage of construction. Overnight temporary left lane closures for placement of beams in second stage of construction. Short-term overnight detour is required for existing sign structure demo and new sign structure placement.
 - SR 0081: Short-term overnight detours are required for the existing bridge demo and new beam placement.
 - Ramps: Temporary lane shifts on Ramp C (SR 0080 Eastbound Entrance Ramp from SR 0081 Southbound), Ramp E (SR 0080 Eastbound Left-Exit Ramp to SR 0081 Northbound), and Ramp H (SR 0080 Eastbound Entrance Ramp from SR 0081 Northbound) are required. Additionally, stop control will be implemented on Ramp C during 3 of the stages with the final 4th stage requiring a long-term detour for Ramp C.

- *SR 0081 NB Bridge (Bridge 16B) over SR 0080 WB*
 - SR 0081 NB: Overnight temporary lane closures for deck repairs.
 - SR 0080 WB: Long term right ramp lane/shoulder closure below bridge for bridge repairs. Overnight left lane closures for bridge repairs.

It is anticipated that construction will begin in spring 2025.

Contact

If you have questions, please contact the PennDOT Consultant Project Manager, Kelley Sartori, P.E., at 570.335.9244 or c-kesartor@pa.gov.

Thank you for your interest in this important project.