



PUBLIC INFORMATION REPORT

ORRS BRIDGE (CUMBERLAND COUNTY BRIDGE # C-2), OVER THE CONODOGUINET CREEK HAMPDEN TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

October 25, 2018

Report #1

PROJECT DESCRIPTION

This proposed project involves the replacement of the Cumberland County owned Orrs Bridge over the Conodoguinet Creek in Hampden Township, Cumberland County. The bridge is located on Orrs Bridge Road, carrying approximately 9,000 vehicles daily. The existing bridge is structurally deficient and functionally obsolete with structural deficiencies that have resulted in posting the bridge to a weight limit of 18 tons, except combinations 22 tons. This constitutes a safety problem, as certain fire trucks and other emergency response vehicles are restricted from crossing the bridge and must use a detour route, thereby extending the emergency response time. The bridge is a critical link for EMS response to Holy Spirit Hospital and West Shore Hospital.

More specifically, the project includes:

- Construction of a bridge that contains two full-width 12-foot lanes with 5-foot shoulders.
- A 6'-7" sidewalk will be provided on the downstream (East) side for pedestrian traffic.
- The proposed bridge will be a non-load restricted bridge (i.e., no load posting).
- The new bridge will be constructed on a curve downstream of the existing bridge.
- The spring box at the south side of the bridge will not be impacted; however, access to the spring will be prohibited during construction.
- The rock dam will not be impacted by construction
- The existing Orrs Bridge will be removed as part of this project.

TRAFFIC CONTROL

Traffic control during construction will be accommodated in three (3) phases as follows:

- **Phase 1: Bridge Construction-** Long-term traffic control consists of maintaining vehicular traffic on the existing bridge. Pedestrian traffic on the existing bridge will be prohibited during construction. There may be occasional traffic stoppages to accommodate construction site access at either bridge approach during this period. This phase will take place from the initial construction notice to proceed while the new bridge is built, approximately 14 months.
- **Phase 2: Roadway Approach Construction-** Once bridge construction is completed; a short-term detour will be utilized while the roadway tie-in points are constructed. This short-term detour will utilize Creekview Road, SR 1013 (Good Hope Road), and SR 1010 (Carlisle Pike). This detour length is approximately 3.8 miles. At times, traffic operations may be reduced to one-lane traffic for short term (24-hour) durations. This phase will take approximately 5 weeks.
- **Phase 3: Bridge Demolition-** During this stage the existing bridge will be demolished while vehicular traffic is maintained on the new bridge. This phase will take approximately 5 months.

CONSTRUCTION SCHEDULE

- Pre-Construction Utility Relocations: August 2018 to February, 2019
- Bid Opening: November 1, 2018
- Construction*:
 - Phase 1 Bridge Construction: Feb. 2019 to March 2020
 - Phase 2 Roadway Approach Construction: March 2020 to April 2020
 - Phase 3 Bridge Demolition: April 2020 to October 2020

** Contingent on timely utility relocations, weather, and stream conditions*

FUNDING & COST

- Construction cost estimate: \$6.0 million.
- Funding:
 - 80% Federal Transportation Funds
 - 15% State Transportation Funds
 - 5% County Funds (Act 89 Local Use?)

UPCOMING ACTIVITIES

- Preconstruction utility relocations
- Bid Opening
- Construction Contract Award

ATTACHMENTS

- Typical Sections, Bridge & Roadway Improvement Plan, Bridge Elevation, Detour Plan
- Progress Photos