



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

www.dot.state.pa.us
Engineering District 8-0
2140 Herr Street
Harrisburg, Pennsylvania 17103

**Public Plans Display
for
SR 4013, Section 016
SR 4013 Powells Valley Road Superstructure Replacement over
Rattling Creek**

PROJECT DESCRIPTION

The Pennsylvania Department of Transportation (PennDOT) announces a Plans Display for the superstructure replacement of SR 4013 Powells Valley Road over Rattling Creek in Jackson Township, Dauphin County.

The purpose of the project is to provide a sustainable crossing, while also addressing existing bridge deficiencies. The proposed work includes replacing the existing adjacent box beams with spread box beams, new bridge deck, bridge abutment repairs, full depth roadway reconstruction at the bridge approaches, and upgrading guide rail to current standards.

No permanent right-of-way acquisition is anticipated for this project. Temporary construction easements are proposed to accommodate necessary improvements including roadside grading, tree trimming and driveway adjustments.

There is an overhead utility line running from the southwest corner over the bridge approach and Rattling Creek to the northeast corner of the bridge. There are underground waterlines south of the bridge which are outside of the limits of construction. De-energization, or relocation may be required to place the beams.

Traffic will be maintained throughout the duration of the project via staged construction. Driveway access will be maintained at all times during construction to the Lykens Borough Water Plant. The Lykens Borough Reservoir access roadway adjacent to the bridge will be closed to vehicular traffic throughout construction.

Rattling Creek, an unnamed tributary to Rattling Creek, and one wetland were identified in the project area. Rattling Creek is a trout stocked stream which also supports naturally reproducing trout. In-stream construction work is restricted from February 15th to June 1st and from October 1st to December 31 due to the presence of trout. No in-stream work is anticipated at this time.

Coordination for Threatened and Endangered species is ongoing, and species surveys have been conducted.

The Susquehanna Area Mountain Bike Association (SAMBA) maintains a network of mountain biking trails throughout the adjacent borough parcels known as the Rattling Creek Trail System. The Lykens Ladder trail, located in the southwestern quadrant, uses the Lykens Borough Authority Water Plant driveway and the project bridge to connect to the East Branch Road trail in the northeastern bridge quadrant. The East Branch Road trail follows the Lykens Reservoir access road. A Section 4(f) Temporary Occupancy Form has been prepared for the portions of the trails that are on borough property. During construction, traffic will be maintained using staged construction and alternating traffic flow through the use of temporary traffic signals. Bicycle access over the project bridge will be maintained at all times during construction.

Preliminary cultural resource investigations did not identify any resources to be present.

An approved Chapter 105 Programmatic E22-9999 Permit is anticipated to perform the necessary superstructure activities.

Construction work is estimated to take place in the Spring and Summer of the 2027 construction season, with an anticipated completion of Fall 2027. Additionally, two nearby bridge superstructures, SR 4013 (Market Street) over Rattling Creek and SR 0209 (Main Street) over Wiconisco Creek, will be replaced as part of this contract and will be bid together. Construction of the three bridges will be coordinated to provide safe and efficient travel. The total estimated construction cost is \$1,062,020.

Please remember to complete a questionnaire. If you have any questions concerning this project, please do not hesitate to contact PennDOT Project Manager Kyle Kreiser, PE at (717) 787-5448 or kykreiser@pa.gov or Rich Ames, PE, WSP USA at richard.ames@wsp.com.