

Project Description

The proposed project is a bridge replacement on Route 4001 Section 019 (Bull Road) over Little Conewago Creek on the boundary of Conewago, Dover, Manchester and West Manchester Townships in York County. The purpose of this project is to provide a continued safe and efficient crossing on Route 4001 over the Little Conewago Creek.

The project involves the replacement of the bridge with a two-span prestressed concrete spread box beam bridge. Minor approach roadway work including pavement reconstruction on Route 4001 and Hilton Ave (T-830), rock slope protection, and guide rail upgrades will also be performed. The horizontal geometry will closely match the existing geometry. The horizontal geometry will be shifted slightly to the east at the far approach to avoid fill slopes in the UNT to Little Conewago Creek. Minor adjustments will be made to the vertical geometry. The roadway and bridge will be widened to accommodate 11-foot lanes and 4-foot shoulders, providing 30 feet of clear roadway throughout the project limits.

Environmental

The project is located in a suburban setting. All four quadrants are within the floodplain. There are no bicycle or pedestrian facilities within the project limits. Other environmental efforts for the project include investigating historical, archaeological and aquatic resources as well as threatened and endangered species.

Utilities

Aerial utility lines run parallel to and cross Route 4001 and Hilton Ave (T-830) within the project limits. The electric and telecommunication lines north of the bridge are anticipated to be relocated prior to the start of construction.

Underground sanitary sewer lines are present within the project limits. No impacts to the sanitary sewer lines are anticipated.

Right-of-way

Permanent and temporary right-of-way acquisitions are anticipated to allow the construction of the project.

Maintenance and Protection of Traffic

Route 4001 and Hilton Ave will be closed within the project limits for the duration of construction. A proposed 6.4-mile detour including Route 238, Route 74, and Route 921 will be utilized. No local roads will be utilized for the detour.

Schedule and Cost

Overall construction is anticipated to last approximately 6 to 8 months during the spring and summer of 2027 at an estimated cost of \$3,700,000.