

Project Description

The project includes the superstructure replacement and rehabilitation of the Route 394 Section 010 bridge (Hunterstown Hampton Road) over Conewago Creek in Reading and Straban Townships, Adams County. The purpose of this project is to provide a continued safe and efficient crossing on Route 394 over Conewago Creek.

The project involves the replacement of the bridge superstructure, reconstruction of beam seats, and rock scour protection around the abutments and pier. Minor approach roadway work including pavement reconstruction on Route 394 and Group Mill Rd (T-528), rock slope protection, and guide rail upgrades will also be performed. The horizontal geometry will closely match the existing geometry. Minor adjustments will be made to vertical geometry to improve stopping sight distance. The roadway and bridge will be slightly widened to accommodate 11-foot lanes and 2-foot shoulders; providing a 26-foot curb-to-curb width.

Environmental

The project is located in a rural setting. All four quadrants are within the floodplain. The southeast quadrant contains a wetland habitat. No bicycle or pedestrian facilities exist within the project limits. Other environmental efforts for the project include investigating historical, archeological, and aquatic resources as well as threatened and endangered species.

Utilities

Aerial utility lines run parallel to and cross Route 394 within the project limits. The telecommunication lines south of the bridge are anticipated to be relocated prior to construction.

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 394 and Group Mill Road will be closed within the project limits for the duration of construction. A proposed 8.7-mile detour including Route 1015, Route 234, and Route 94 will be utilized.

Schedule and Cost

Overall construction is anticipated to last approximately 4 to 6 months during the spring and summer of 2027 at an estimated cost of \$2,200,000.