

Project Description

The project includes the stabilization of the concrete retaining wall that is located on the east side of Routes 11/15 (South Enola Road) in East Pennsboro Township, Cumberland County. The purpose of the project is to stabilize and reduce future rotation of the existing retaining wall, supporting Route 11. The wall has experienced rotation away from the roadway towards Norfolk Southern (located below the base of the wall), with steady increases in the amount of rotation over the past seven years.

The project involves installing drilled steel anchors into bedrock from the front face of the wall that will support the wall and arrest this rotation. In addition, some concrete repairs will be made to the wall, and new wall drainage will be installed.

Environmental

The project is located in an urban setting with businesses and residential properties to the west and Norfolk Southern Railroad Enola Yard to the east. The railroad yard is part of the National Register of Historic Places eligible Enola Yard and the Pennsylvania Railroad: Enola Branch Low Grade Freight Line. No effect to either resource will occur as a result of the project. Route 11 is part of the US Bike Route 11, allowing bicyclists to travel from New York to Maryland. It is anticipated that there will be no interruption to this transportation resources as a result of this project. In addition, no wetlands, stream, or species of concern were identified in the project area.

Utilities

Aerial utility lines run parallel to and cross Route 11 within the project limits. No relocation of these aerial utility lines is anticipated as part of this project.

Right-of-way

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

Maintenance and Protection of Traffic

It is anticipated that most of the work will not significantly impact traffic – as it will be performed off the roadway. There may be temporary lane shifts and temporary elimination of the center turn lane, but no lane closures or detours are anticipated.

Schedule and Cost

Overall construction is anticipated to last approximately 4 to 6 months during the spring and summer of 2027 at a programmed cost of \$550,000. The estimate cost will be updated as design progresses.