

Pennsylvania Department of Transportation
Engineering District 8-0
SR 1026-007, Lancaster County (MPMS #117239)
Sleepy Hollow Road over Unnamed Tributary to Hammer Creek Stream Relocation

Project Information

The SR 1026 (Sleepy Hollow Road) roadway preservation and stream relocation project is located over Unnamed Tributary (UNT) to Hammer Creek in Elizabeth Township, Lancaster County, from the intersection of Sleepy Hollow Rd and East Brubaker Valley Rd (Northern limit) to just south of the residence driveway at 390 Sleepy Hollow Rd.

The purpose of this project is to provide a sustainable travel way which addresses facility deficiencies and reduces the frequency of roadway flooding and associated roadway/winter maintenance. The project is needed because flooding and overtopping of the roadway are reoccurring issues in the area. Multiple factors contribute to the flooding and resultant degradation of the existing roadway. These include: topographical position – an inclined road-bed elevation bordered by higher elevation farm fields to East that quickly direct storm water runoff downslope in the direction of the road; a natural drainage path (UNT to Hammer Creek) which flows from north to south and is positioned immediately adjacent to the eastern shoulder of the roadway, creating scour conditions affecting both the shoulder and road-bed materials; and faulty storm water pipe conveyance beneath Sleepy Hollow Road which allows the UNT to become quickly swollen and overtop the road.

The proposed project consists of preserving the existing SR 1026-007 (Sleepy Hollow Rd) roadway. Sleepy Hollow Rd. is classified as a rural neighborhood collector consisting of two (2) 10-foot travel lanes with no shoulders. The project proposes repairing deteriorated pavement and base course as well as adding two (2) 2-foot shoulders to each side of the roadway. Roadway width will be widened for a total of two (2) 10-foot travel lanes with two (2) 2-foot shoulders to meet current design standards. Unnamed Tributary to Hammer Creek will be relocated east of its current flow path into a new channel constructed to alleviate persistent overtopping of the roadway. The storm water pipe conveying UNT under Sleepy Hollow Rd. will be replaced.

Environmental

One perennial stream, Unnamed Tributary (UNT) to Hammer Creek, is in the project study area. The Unnamed Tributary is not identified within PA Code Chapter 93 for designated use, but Hammer Creek is designated as a Trout Stocked Fishery/Migratory Fishery (TSF/MF). According to the Pennsylvania Fish and Boat Commission, Hammer Creek is not a Wild or Stocked Trout Stream. Due to the length (approx. one mile) of the Hammer Creek confluence downstream, it is not anticipated that in-stream work date restrictions will apply to this stretch of Unnamed Tributary to Hammer Creek. This determination will be verified with Pennsylvania Department of Environmental Protection.

The Unnamed Tributary was the only perennial stream delineated through the project study area. There are no wetlands in the project study area. Additionally, a Pennsylvania Natural Diversity Inventory review was conducted for the project, dated July 17, 2024, and resulted in “No Known Impact” and “No Further Review Required” responses from the surveyed agencies. One potential impact was noted with the U.S. Fish and Wildlife Services (USFWS). Therefore, additional coordination was performed with USFWS and a “Not Likely to Adversely Affect” the federally listed bog turtle was issued for the project on 8/14/2024. That determination is good for two (2) years and will be verified prior to project letting.

Environmental clearance is still progressing.

Utilities

The project will involve relocation of existing aerial utilities including electric, cable television, and telecommunication lines along the east side of SR 1026. Coordination with utility companies is on-going.

