

Project Description

**Pennsylvania Department of Transportation
Engineering District 8-0
State Route 2024-008, Lancaster County (MPMS# 117236)
Stream Relocation**

Project Information

The project involves the preservation of existing SR 2024-008, locally named Weaver Road, located in Strasburg Township, Lancaster County. Weaver Road is classified as a rural local road consisting of two (2) 9-foot travel lanes with 2-foot shoulders and having an ADT of 270 vehicles per day. A natural watercourse in the form of an unnamed tributary (UNT) to Little Beaver Creek additionally extends along the north shoulder flowing from east to west. In recent years this portion of the roadway segment has endured episodes of repeated and periodic seasonal flooding due to the immediate proximity of the UNT which is undermining the integrity of the roadway.

The project involves the relocation of the existing watercourse to its former pastoral alignment located a sufficient distance to the north of the existing roadway. Two existing drainage features, a 24" pipe and 30" pipe, will be replaced with a single 48"x76" elliptical pipe to safely convey the peak stormwater flows and reduce sediment accumulation.

The roadway profile will be adjusted to provide sufficient cover over the new pipe and improve surface water runoff. The roadway will additionally involve a full depth pavement removal and replacement.

Work is expected to take place in the 2026 construction season.

Environmental

The project is located in a rural area in Strasburg Township, Lancaster County. A natural watercourse in the form of an UNT to Little Beaver Creek flows along the north shoulder of Weaver Road, flowing from east to west. Adjacent land uses include agricultural, meadow, grass lawns and roadside vegetation including mowed grass and brush. Environmental studies initiated for the project include aquatic resource investigations, threatened and endangered species surveys, and determination of impacts to cultural resources and historical properties.

Weaver Road crosses the UNT to Little Beaver Creek. The waterway is not designated as a Stocked Trout Waters. No in-stream construction restriction dates are required for this project. The UNT to Little Beaver Creek has Chapter 93 designated protected aquatic life uses of Trout Stocking Fishery (TSF) and a Migratory Fishery (MF). UNT to Little Beaver Creek is not considered a navigable stream. A Wetland and Watercourse Identification and Delineation was conducted, and no wetlands were identified within the immediate project area.

Utilities

There are overhead electric, cable and telephone lines extending along the northside of Weaver Road with intermittent service line crossings to individual properties located to the south. It is anticipated that there will be impacts to some of the aerial utilities as well as the relocation of select utility poles. Coordination with utility owners will continue as the design progresses.

Right of Way

Both permanent and temporary right-of-way acquisition will be required to accommodate the stream relocation and roadway reconstruction. It is anticipated that these acquisitions will be minor acquisitions to allow for the stream relocation, roadway construction and contractor access. No total takes are anticipated. Permanent partial Right-of-Way acquisitions are anticipated on seven (7) parcels to accommodate the new stream and roadway. Permanent partial channel easements are anticipated on three (3) parcels to accommodate the new stream. Temporary construction easements will be required on five (5) parcels to facilitate construction of the project.

Maintenance and Protection of Traffic

While the road is being reconstructed, the road will be closed to all traffic during construction for approximately 3 months. The proposed 2.3-mile detour uses Route 2024 to Route 2015 (May Post Office Road) to Township Road T-466 (Sawmill Road). The approximate travel time for those using the detour route is 6 minutes. (Please refer to the project's Detour Plan graphic.)

Route 2024 will remain open to traffic while off-alignment stream relocation work is being performed. Flagging will be used as needed.

Schedule and Cost

It is currently anticipated that this project will be advertised in January 2026 with construction occurring in spring/summer 2026. Overall construction is anticipated to last 6 months. The estimated construction cost is \$1,100,000.

Contact

If there are any questions or concerns related to the project, please contact Adam L. Wright, PennDOT Project Manager, at (717) 772-4028 or email at adamwright@pa.gov.