

## **Project Description**

**Pennsylvania Department of Transportation  
Engineering District 8-0  
State Route 1053-004, Lancaster County (MPMS# 117238)  
Stream Relocation**

### **Project Information**

The project involves the preservation of existing SR 1053-004, locally named Peartown Road, located in West Cocalico Township, Lancaster County. Peartown Road is classified as a rural local road consisting of two (2) 10-foot travel lanes with 2-foot shoulders and having an ADT of 449 vehicles per day. A natural watercourse in the form of an unnamed tributary (UNT) to Harnish Run 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 the southern side of Route 1053. The existing drainage feature, a 48" pipe, will be replaced with 48" pipe at the approximate same location. Additionally, a second 48" pipe crossing will be installed upstream to safely convey the peak stormwater flow.

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

Work is expected to take place in the 2027 construction season.

### **Environmental**

The project is located in a rural area in West Cocalico Township, Lancaster County. A natural watercourse in the form of an UNT to Harnish flows along the north shoulder of Peartown Road, flowing from east to west. Adjacent land uses include wooded land 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.

Peartown Road crosses the UNT to Harnish Run. The waterway is not designated as a Stocked Trout Waters. No in-stream construction restriction dates are required for this project. The UNT to Harnish Run has Chapter 93 designated protected aquatic life uses of Warm Water Fishery (WWF) and a Migratory Fishery (MF). UNT to Harnish Run is not considered a navigable stream. A Wetland and Watercourse Identification and Delineation was conducted, and wetlands were identified within the immediate project area. Wetland impacts resulting from the project will be evaluated.

### **Utilities**

Overhead pole-mounted utilities, including electric lines extend east to west along the southern shoulder of the road. Underground cable lines run simultaneously along the southern shoulder; the depth of the cable line is unknown. It is anticipated that there will be impacts to the aerial

and underground 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 one (1) parcel to accommodate the new stream and roadway. Permanent partial channel easements are anticipated on same parcel to accommodate the new stream. Temporary construction easements will be required on the same parcel to facilitate construction of the project.

### **Maintenance and Protection of Traffic**

The road will be closed to all traffic during construction for approximately 6 months. The proposed 2.3 mile detour uses Route 1053 to Township Road T-365 (Mountain Top Road) to Township Road T-376 (Golf Road) to Township Road T-993 (Laurel Ridge Road). The approximate travel time for those using the detour route is 5 minutes. (Please refer to the project's Detour Plan graphic.)

### **Schedule and Cost**

It is currently anticipated that this project will be advertised in January 2027 with construction occurring in spring/summer 2027. Overall construction is anticipated to last 6 months. The estimated construction cost is \$770,000.

### **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](mailto:adamwright@pa.gov).