

The purpose of the plans display is to introduce the project and solicit public input, questions, or concerns regarding the project.

## **PROJECT Description**

This project involves the Route 0322 (Horseshoe Pike) culvert preservation over Killinger Creek, located in South Annville and South Londonderry Townships, Lebanon County. The existing structure is a single span, 9'-10" x 3'-0" reinforced concrete box culvert built in 1950. Existing roadway width above the culvert is 34'-0" (two (2) 11'-0" wide travel lanes and 6'-0" wide shoulders on either side). There is visible deterioration that exists throughout the structure, and the latest inspection performed on 07/19/2023 resulted in a condition rating of 5, which is fair. Recommended structure preservation work associated with this project consists of the following:

- Scour remediation and superstructure concrete repairs
- Pressure grouting undermined portions of the culvert
- New aprons and rock lining at the culvert inlet and outlet
- Wing wall concrete repairs
- Culvert barrel crack and concrete repairs

Additionally, there is an existing passing zone within the project limits that will be removed as part of this project, including associated signing and pavement markings.

This section of Route 0322 (Horseshoe Pike) has an average daily traffic volume of 12,840 vehicles per day (vpd).

## **ENVIRONMENTAL**

The project is located in a rural setting with terrain varying from level to rolling. Three quadrants surrounding the structure are primarily pasture and one quadrant is wooded. There are no bicycle or pedestrian facilities identified 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**

There are several overhead utilities in the vicinity of the project that may be impacted by construction.

## **RIGHT-OF-WAY**

Temporary and permanent right-of-way acquisition from a single property are anticipated to allow for the construction of the project.

## **MAINTENANCE AND PROTECTION OF TRAFFIC**

Two-way traffic will be maintained during construction, as only shoulder closures are planned to protect the work zones. Due to sufficient width of the existing travel lanes and shoulders, both the left and right shoulders can be closed simultaneously during construction, as necessary.

## **SCHEDULE AND COST**

Overall construction is anticipated to last approximately 3 months during the summer of 2026 at an estimated cost of \$188,055.