

PURPOSE OF PMC PRESENTATION

The purpose of the presentation is to obtain permission from the PMC to conduct a plans display for the SR 2027 (Vera Cruz Road) over Unnamed Tributary to Hosensack Creek (BMS# 39-2027-0100-XXXX) Bridge Replacement Project located in Upper Milford and Lower Milford Townships, Lehigh County, Pennsylvania in February 2025.

We intend to send out informational flyers to those citizens who received Intent to Enter Letters. We also intend to send flyers to public officials for dissemination to local citizens, business and community groups.

PROJECT DESCRIPTION

The purpose of this project is to replace the structure which carries SR 2027, Vera Cruz Road, over Unnamed Tributary to Hosensack Creek. The existing structure is a three (3) cell single span boiler plate pipe culvert constructed in 1938. The existing length of the structure is approximately 25'-9" and carries two (2) 10'-0" lanes with no shoulders. Traffic data from the Traffic Information Repository (TIRe) indicates that SR 2027 has an ADT of 1494 (2026 projected volume) with 4% truck traffic. The posted speed limit is 35 mph.

The existing structure exhibits deterioration and damage and is considered in Poor Condition. There is collision damage of the parapet and loose stones in both the parapet and headwalls, as well as signs of scour on the upstream near right bank.

The scope of this project will involve replacing the existing structure with a precast box culvert with precast concrete end sections. The length of the proposed structure is approximately 33'-6" and will have a 28'-0" clear roadway width consisting of two (2) 10'-0" lanes and (2) 4'-0" shoulders. The replacement structure will be located on approximately the same horizontal and vertical alignments as the existing structure. The replacement structure will be constructed according to current PennDOT design standards. The existing SR 2027 pavement in the approaches will be reconstructed and widened to facilitate the new structure.

All project construction activities will be completed during a long-term detour. The detour route utilizes SR 2040, SR 2033, SR 2029, SR 2031, and SR 2027. The detour route is approximately 6.84 miles in length. The replacement is expected to require one (1) construction season.

The anticipated construction cost estimate is \$970,000.00.

PROJECT AREA

The project is located in Upper Milford and Lower Milford Townships, Lehigh County, PA. The project site is located approximately 700 feet north of the intersection with Kings Highway. Approximately 120 feet of approach roadway will be reconstructed on the north side of the structure and approximately 100 feet of approach roadway will be reconstructed on the south side of the structure. The project roadway is classified as an urban major collector and the surrounding properties are primarily residential. See project location map that follows.