

PURPOSE OF PMC PRESENTATION

The purpose of the presentation is to obtain permission from the PMC to conduct a plans display for the SR 4037 (Donats Peak Rd) over Kistler Creek (BMS# 39-4037-0010-XXXX) Bridge Replacement Project in Lynn Township, 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 project bridge is a two (2) lane structure which carries SR 4037, Donats Peak Road, over Kistler Creek. Built in 1910, it has two (2) spans and an overall length of 12 feet. The structure consists of a steel pipe culvert. The curb-to-curb width is 19.8 feet. SR 4037 is classified as a local road. Traffic data from the Traffic Information Repository (TIRe) indicates that SR 4037 has an ADT of 138 (2026 projected volume) with 3% truck traffic. The posted speed limit is 30 mph.

Deterioration over the years has resulted in the culvert being listed in poor condition in accordance with the most recent bridge inspection. Based on the condition rating of '3 – Serious', the structure is considered structurally deficient. Based on the structural condition, the structure is considered functionally obsolete.

The scoping phase of this project indicated that replacement is necessary due to the condition of the existing structure. The replacement structure will be located on approximately the same horizontal and vertical alignments as the existing structure and will be widened to meet current PennDOT standards for bridge width. The scope of the project will involve replacing the existing structure with a precast concrete box culvert and precast concrete end sections. The replacement structure will be built to existing design standards and the existing SR 4037 pavement in the approaches will be rebuilt and widened to facilitate the new structure.

The bridge is currently closed to traffic. The existing detour is anticipated to be used to perform the structure replacement. It is expected to require one (1) construction season.

The anticipated construction cost estimate is \$1,470,000.

PROJECT AREA

The project is located in Lynn Township, Lehigh County, PA. The structure is located approximately 125 feet north of the intersection with Kistler Valley Rd (SR 4040) and approximately 2.5 miles south of the intersection with Allemaengel Rd (SR 4036). The project roadway is classified as a rural local road and the surrounding properties are primarily wetlands and farmlands, with some residential. See project location map that follows.