

## **PURPOSE OF PMC PRESENTATION**

The purpose of the presentation is to obtain permission from the PMC to conduct a plans display for the SR 143 (Kings Highway) over an Unnamed Tributary to Ontelaunee Creek (BMS# 39-0143-0080-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 0143, Kings Highway, over an unnamed tributary to Ontelaunee Creek. Built in 1926, the bridge has one (1) span and an overall length of 11 feet. The superstructure consists of a reinforced concrete slab and the curb-to-curb width is 23 feet. SR 0143 is classified as a major collector. Traffic data from the Traffic Information Repository (TIRe) indicates that SR 0143 has an ADT of 2,591 (2026 projected volume) with 8% truck traffic. The posted speed limit is 45 mph.

Deterioration and scour over the years has resulted in the substructure and channel being listed in poor condition in accordance with the most recent bridge inspection. Based on the condition rating of '4 – Poor', the structure is considered structurally deficient. Based on the deck geometry, the structure is also considered functionally obsolete.

The scoping phase of this project indicated that replacement is necessary due to the condition and geometry 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 box culvert and precast end sections. The replacement structure will be constructed according to current PennDOT design standards and the existing SR 0143 pavement in the approaches will be reconstructed and widened to accommodate the new structure.

The replacement is anticipated to be performed with a road closure and traffic detour. It is expected to require one (1) construction season.

The anticipated construction cost estimate is \$970,000.

## **PROJECT AREA**

The project is located in Lynn Township, Lehigh County, PA. The structure is located approximately 600 feet east of the intersection with Fort Everett Rd and approximately 0.5 miles west of the intersection with Quarry Rd. 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.