

PROJECT DESCRIPTION: STATE ROUTE 33 BRIDGE REPLACEMENT OVER BUSHKILL CREEK

The State Route (SR) 33 Bridge Replacement project involves the replacement of two existing, deteriorating bridges that carry SR 33 Northbound and Southbound over Bushkill Creek in Palmer Township and Stockertown Borough, Northampton County. The existing single-span concrete I-beam bridges, which each measure 42 feet in width and approximately 150 feet in length, were built in 2004 and are experiencing settlement, necessitating replacement. The bridges will be replaced with a single span prefabricated concrete arch on a concrete mat foundation and two concrete overflow culverts. The proposed arch and overflow culverts will be continuous beneath Northbound and Southbound directions, and the median.

The proposed roadway, over an arch and two overflow culverts, will carry two 12 ft lanes of vehicular traffic in each direction and include 8 ft (6 ft paved) inside shoulders with 12 ft paved outside shoulders. Full depth roadway work will extend approximately 200 ft along the near (southern) approaches and 200 ft along the far (northern) approaches of SR 33 over Bushkill Creek. This work will include pavement and guide rail replacement.

Shoulder reconstruction, milling, overlaying, and temporary median-crossover roadway work will extend approximately 1900 ft at the south and 2300 ft at the north to accommodate median crossovers and temporary traffic control.