



Byberry Road over CSX Bridge Replacement Project

January 6, 2026: PennDOT has awarded J.D. Eckman, Inc. of Atglen, Pennsylvania, an \$18,480,000 contract for the bridge replacement of Byberry Road over CSX Railroad in Philadelphia.

The existing bridge is a two-span prefabricated thru truss structure built in 1996 as a temporary replacement for the severely deteriorated steel thru girder structure formerly at this crossing. The bridge has a 140-foot structure length and carries two lanes of traffic on a 24-foot-wide roadway. This temporary bridge has been in service for 21 years and is in serious overall condition, with advanced deterioration. The project will replace the existing bridge with a new single-span composite steel structure measuring 89 feet. The new bridge will have a 9-inch-thick reinforced concrete slab supported by five steel girders.

The construction will take place in three stages to keep two lanes of traffic open at all times. Short detours will be needed for some roadway connections. After construction, the bridge will provide one 11-foot lane in each direction, a 10-foot right-turn lane, 6-foot sidewalks, and 1-foot-thick concrete wall barriers along each side.

The bridge's height will be set to ensure a vertical clearance of 23 feet to meet railroad requirements. The north abutment will be built with space for a future second track, providing 20 feet of lateral clearance. To avoid affecting the MAST Charter School parking garage and to minimize land acquisitions, retaining walls will be constructed on the west side of the roadway.

The project also includes improvements to Byberry Road. Repaving will take place along 600 feet on the south approach and 800 feet on the north approach. Sidewalks will be constructed on the north approach, and enhancements will be made at the intersection with the driveways for MAST Charter School and the Post Office. These enhancements will include installing new traffic signals and lane markings.

The current bridge is owned and maintained by PennDOT, as mandated by a Pennsylvania Public Utility Commission (PUC) order. Byberry Road is owned and maintained by the City of Philadelphia. PennDOT constructed the bridge over the CSX Railroad on an emergency basis in 1996. Once the replacement bridge is built, ownership will be transferred to the City of Philadelphia.

The purpose of this project is to provide a long-term structure that eliminates the deficiencies of the current structure and is capable of safely and efficiently handling the expected traffic in the project area.

The Byberry Road over CSX Railroad bridge project is set to begin in the winter 2026, with an expected completion date in the winter 2030.

Construction on this project is financed with 100 percent federal funds.