

PROYECTO DE RECONSTRUCCIÓN DE LOS PUENTES SOBRE EL RIO CANOE EN LA I-80, PENNSYLVANIA (EE. UU.)

El proyecto está destinado a reemplazar las estructuras existentes y actualizar la carretera dentro de los límites del proyecto para cumplir con los criterios de diseño actuales y mejorar la seguridad a lo largo de la vía. El proyecto incluye el reemplazo total de los puentes de Canoe Creek en dirección este y oeste, así como una mejor alineación y geometría de las carreteras. Los límites del proyecto se extienden aproximadamente a tres millas en la I-80, desde el intercambio de Knox sobre los puentes hasta un par de estaciones de pesaje cerca del poste de la milla 56.5.

County: Clarion

State Route: SR0080-365 (Interstate 80)

Local Name: I-80 Canoe Creek Bridges

Project Type: Bridge Replacement, Culvert Rehabilitation

Proposed Construction Start: 2023-2025

Proposed Construction End: 2027-2029

Last Updated: February 2021

This project is estimated to cost \$90 million to \$105 million and the funds received from the bridge toll will go back to the Canoe Creek bridges to pay for construction, maintenance and operation.

Project Contact

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The I-80 Canoe Creek bridges are dual multi-span structures (one eastbound and one westbound) that were built in 1966, were extended in 1985 and underwent multiple retrofits for fatigue-induced cracking since 2013. These bridges cross over Canoe Creek and SR 4005 (Tippecanoe Road) in Beaver Township, Clarion County. Combined, they will carry an estimated average of 30,119 vehicles per day by 2025. About 50 percent of the traffic over these bridges is truck traffic.

The purpose of the I-80 Canoe Creek Bridges project is to provide a safe and reliable crossing of I-80 over Tippecanoe Road and Canoe Creek.

The project is intended to replace the existing structures and update the roadway within the project limits to meet current design criteria and improve safety along the corridor. While both bridges have been repaired several times throughout their lifespan, recent inspections show the westbound bridge is in poor condition, and the eastbound bridge is in fair condition.

The project includes the total replacement of both the eastbound and westbound Canoe Creek bridges, as well as improved roadway alignment and geometry. The limits of the project extend approximately three miles on I-80, from the Knox interchange over the bridges to a pair of weigh stations near milepost 56.5.

Part of the project also includes the rehabilitation of an existing reinforced concrete arch culvert that carries an unnamed tributary to Canoe Creek under I-80. The existing wingwalls at the inlet and outlet of the culvert are deteriorated and will be replaced. In addition, a reinforced concrete slab will be constructed along the floor of the culvert to prevent further scour of the streambed within the limits of the culvert.

Through the National Environmental Policy Act (NEPA) environmental review process, the I-80 Canoe Creek Bridges project was approved as a Categorical Exclusion (CE) in April 2020, and the project team was allowed to move forward with final design, right-of-way acquisition and construction.

PennDOT is reevaluating the CE for this project because it is one of several projects being evaluated as a candidate for bridge tolling. A bridge toll is a fee that drivers pay when passing a specific location, often by using a service like E-ZPass. This project is estimated to cost \$90 million to \$105 million and the funds received from the bridge toll will go back to the Canoe Creek bridges to pay for construction, maintenance and operation.

As part of the environmental reevaluation, PennDOT is analyzing how bridge tolling may impact local communities and how alternate routes drivers could take to avoid the toll may impact local traffic and roadways. Once studies are completed in Spring 2021, PennDOT will present the findings for public review and comment in a virtual public meeting. During the meeting, the team will also share project details, such as engineering design, environmental impacts, construction schedule and maintenance and protection of traffic during construction.

The project is currently in final design. Construction is anticipated to begin between 2023 and 2025 with a three- to four-year construction period.

To stay informed or to be added to the project mailing list, please complete the form at the bottom of this page. You may also submit your comments and feedback by using this form:

<https://www.penndot.gov/RegionalOffices/district-10/ConstructionsProjectsAndRoadwork/Pages/I-80-Canoe-Creek.aspx>

Para más información, ver documento electrónico y enlace.