

I-80 North Fork Bridges Project

www.penndot.pa.gov/i80NorthFork

Existing Westbound Bridge

Existing Bridge Statistics

User Profile:

Mix of commuters and interstate traffic, including a high percentage of trucks

Built:

1962

Last Rehabilitated:

2013

Average Daily Traffic

30,897 vehicles per day (2026-projected)

Truck Traffic

44% of total vehicles

Why do we need to fix these bridges?

Need for design improvements

Aging, fracture-critical bridge structures



Twice as many crashes as statewide average due to substandard design



Why these bridges?

Overview

The purpose of the project is to provide safe, efficient and effective crossings of I-80 over North Fork Redbank Creek and Water Plant Road. Both bridges have problematic fatigue details which have received multiple retrofits during the service lives of the structures. Both bridges are reaching the end of their serviceable lifespan. This section of I-80 has a posted speed limit of 70 mph, and many crashes – twice the statewide average – occur on the eastbound bridge due to a substandard curve on its western approach.

Why

- ✓ The corridor is a major trucking route and part of a vital thoroughfare in rural western Pennsylvania.
- ✓ Replacing the bridges will greatly increase their longevity and reduce the cost and frequency of future repairs.
- ✓ Realigning the bridges will improve safety by bringing the bridge design up to current design standards, reducing the number of crashes in the corridor.

How will this benefit your region?



Accommodate future growth in traffic volumes



Benefits to freight travel



Reliable transportation — less frequent repairs and maintenance

Revenue generated from bridge toll goes back into this project.

Estimated Construction Cost: \$160 million – \$195 million

The I-80 North Fork Bridges Project is critical and needs to be completed. If the North Fork Bridges are funded by bridge tolling, funds would be freed up to allow other critical projects to continue to move forward in the region.

PennDOT’s Major Bridge P3 Initiative is anticipated to invest approximately \$2.5 billion in the replacement and rehabilitation of major bridges across the state. Funding these bridges with tolls could free up enough funds* to either:



Repave ~2,500 miles of highways

or



Build ~960 miles of new highway lanes

or



Replace ~8,600 miles of guiderail

* Based on 2020 infrastructure costs