

Bridge 284.2 Rehabilitation

Project Scope

The Alaska Railroad Corporation (ARRC) proposes to rehabilitate the 914-foot nine-span bridge crossing Hurricane Gulch at ARRC milepost 284.2, about equidistant from Talkeetna to the south and Denali to the north. The bridge is a steel structure consisting of a 384-foot main arch span with truss and girder approach spans on each side.

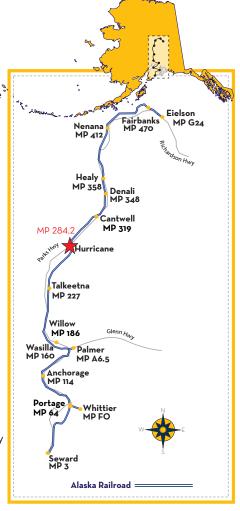
The project proposes targeted repair and rehabilitation work on aging components (refer to the drawings on the page 2). This work consists of:

- · rehabilitate the 384-foot deck arch span
- realign or replace the expansion bearings at piers 2 and 5
- · repair spalling concrete at existing foundations
- · install maintenance and inspection platforms
- secure piers 3 and 4 into the existing slopes with rock bolt anchors
- stabilize the south canyon wall to mitigate future erosion
- stabilize the eroding channel along the southwest corner of abutment 1

Purpose and Need

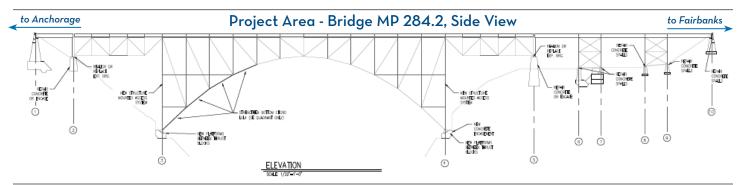
The project's rehabilitation activities will maintain bridge safety and load capacity, enhance the stability of the track infrastructure, and extend the useful life of the bridge.

This effort will help ensure railroad infrastructure remains





The 914-foot steel bridge spans Hurricane Gulch at ARRC milepost 284.2, about 60 miles south of Denali.



in a state of good repair. The integrity of bridge infrastructure ensures the safety and reliability of rail operations to meet business demands. General bridge rehabilitation benefits are outlined in the current *Bridge Program* fact sheet.

Status

- Environmental review and project design is underway.
- In 2024, National Environmental Policy Act (NEPA) documents were submitted for review and approval. Upon NEPA approval, final design and permitting will be completed.
- Construction is anticipated to begin in 2026 and continue through 2027.

Cost and Funding

The project is estimated to cost \$33.3 million. ARRC is submitting an application for a Federal Railroad Administration (FRA) Federal-State Partnership for Intercity Passenger Rail Grant. Funding is anticipated to be 80% federal with a required 20% match from ARRC.

More Information

For more project information, email to

Public_Comment@akrr.com. The ARRC Bridge

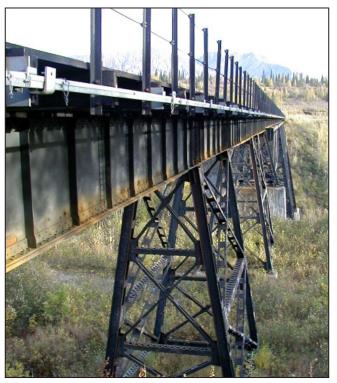
Program fact sheet is available at AlaskaRailroad.

com > Corporate > Projects (look under Systemwide

Projects).



The top deck of the bridge at ARRC milepost 284.2 crossing the sizeable Hurricane Gulch.



Since completion in 1921, Hurricane Gulch Bridge has relied upon sturdy steel piers to navigate a rugged and plunging ravine. Pictured is the westside girder detail, looking south.