

## Bridge 284.2 Rehabilitation

### Project Scope

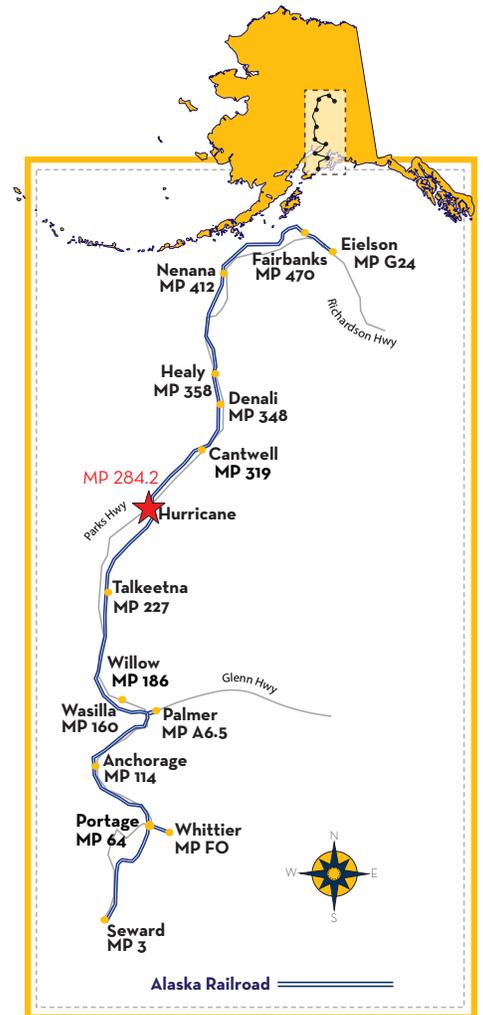
The Alaska Railroad Corporation (ARRC) proposes to rehabilitate the 914-foot, nine-span bridge crossing Hurricane Gulch at ARRC milepost 284.2, approximately equidistant from Talkeetna to the south and Denali to the north. The bridge is a steel structure consisting of a 384-foot main arch span with truss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

The project includes targeted repair and rehabilitation work on aging components. This work consists of:

- Rehabilitating the 384-foot deck arch span
- Realigning or replacing the expansion bearings at piers 2 and 5
- Repairing spalling concrete at existing foundations
- Installing maintenance and inspection platforms
- Securing piers 3 and 4 into the existing slopes with rock bolt anchors
- Stabilizing the south canyon wall to mitigate future erosion
- Stabilizing the eroding channel along the southwest corner of abutment 1

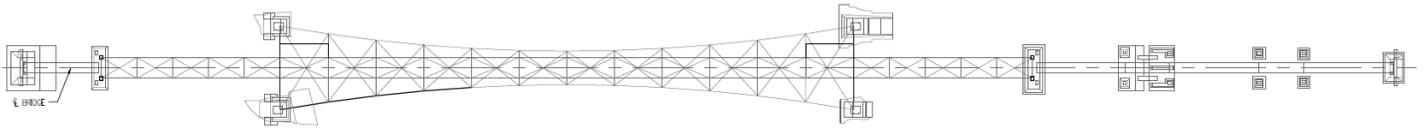
### Purpose and Need

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 in a state of good repair. The integrity of bridge infrastructure ensures the safety and reliability



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

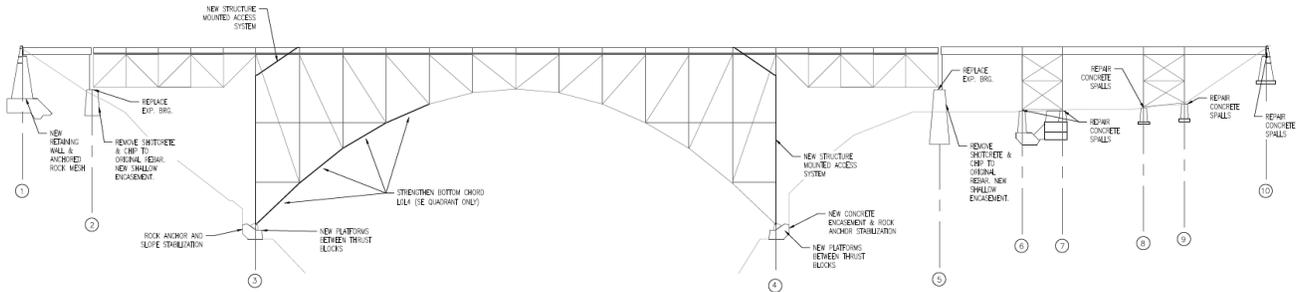
## Project Area - Bridge MP 284.2, Top View



← to Anchorage

## Project Area - Bridge MP 284.2, Side View

to Fairbanks →



of rail operations to meet business demands. General bridge rehabilitation benefits are outlined in the current Bridge Program fact sheet.

### Status

- Preliminary Engineering and Environmental review is complete.
- National Environmental Policy Act (NEPA) approval was received from the Federal Transit Administration (FTA) in December 2024.
- Final design will be completed before permitting begins, and once permitting is underway, ARRC will proceed with soliciting a construction contractor to complete the work.
- Construction timeline is dependent on funding.

### Cost and Funding

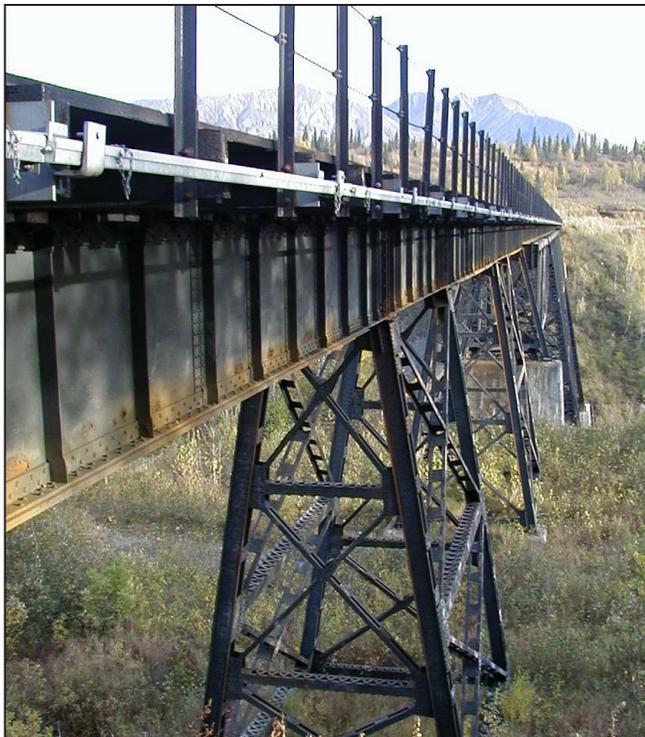
The project has been funded through final design by the FTA with a 20% match by ARRC.

### More Information

For more project information, email to [Public\\_Comment@akrr.com](mailto:Public_Comment@akrr.com). The ARRC Bridge Program fact sheet is available at [AlaskaRailroad.com](https://www.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 west-side girder detail, looking south.