

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.

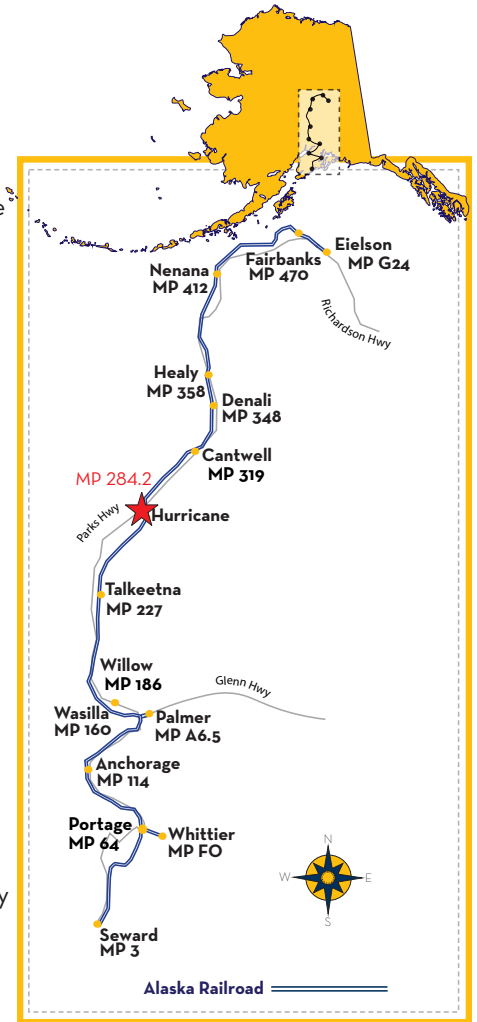
The project proposes targeted repair and rehabilitation work on aging components (refer to the drawings on the page 2). This work consists of:

- 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.

