

# Bridge 354 Replacement

## Project Description

The Alaska Railroad Corporation (ARRC) is proposing the replacement of the bridge located at milepost (MP) 354, which crosses Bison Gulch above the banks of the Nenana River, just south of Healy. The existing 247-foot, 5-span bridge will be replaced with a new 125-foot steel through-plate girder, three 31-foot beam spans (BS) and one 40-foot BS. This work is necessary for safety and reliability of this critical infrastructure.

## Project Scope

Replacement of the 247-foot, 5-span bridge will include:

- Installation of a new 125-foot steel through-plate girder;
- Installation of three 31-foot BS;
- Installation of one 40-foot BS;
- Removing one abutment, while rehabilitating



Bridge 354 crosses Bison Gulch along the banks of the Nenana River.

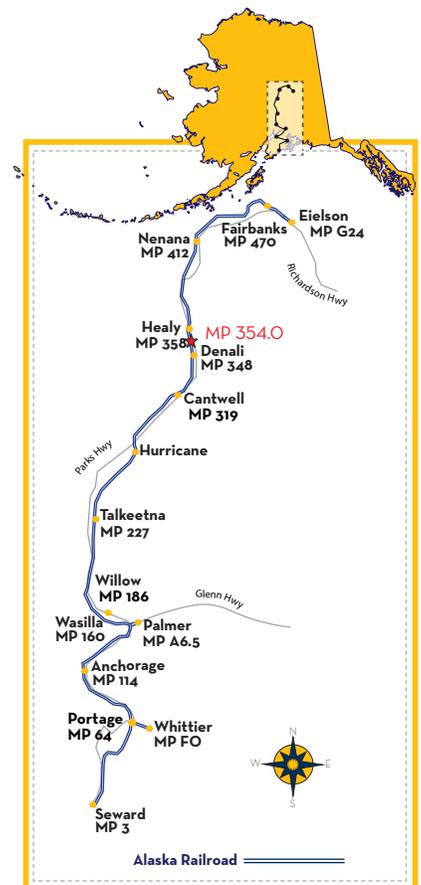
five of the existing abutments;

- Augmenting an existing retaining wall; and
- Repairing an additional retaining wall.

## Benefits

Bridge replacement will address and improve the following conditions:

- Improve overall track stability and operating safety;
- Reduce ongoing cost to maintain aging bridge infrastructure; and
- Reduce required effort to maintain the mainline tracks near the bridge.



# PROJECT FACTS

## Status

- Preliminary Engineering is complete and National Environmental Policy Act (NEPA) approval was received from the Federal Transit Administration (FTA) on March 6, 2025.
- Final Design is underway.
- Permitting will be completed after final design is completed; then ARRC will solicit a construction contractor to construct the new bridge.
- Construction timeline is dependent on funding.



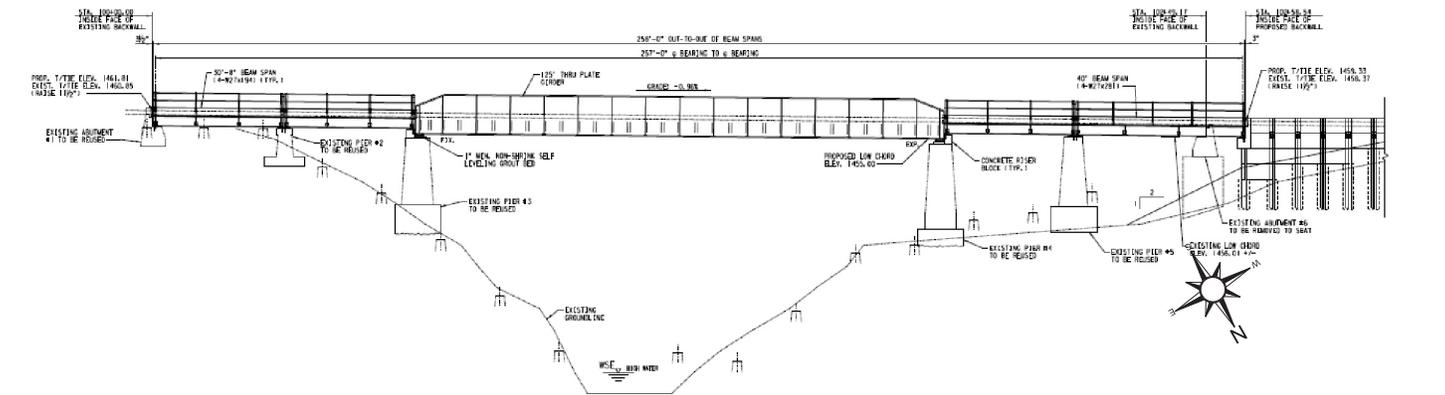
Existing piers will be reused to support the new bridge.

## Cost and Funding

The project is funded through Final Design by a FTA grant with a 20% match by ARRC.

## More Information

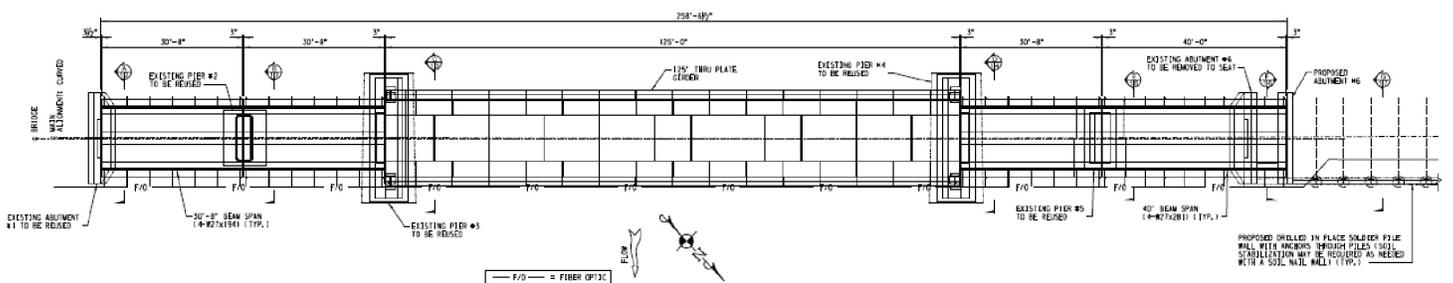
For more project information, email the Alaska Railroad at [Public\\_Comment@akrr.com](mailto:Public_Comment@akrr.com). The ARRC Bridge Program fact sheet is available online at [AlaskaRailroad.com](http://AlaskaRailroad.com) > Corporate > Projects (look under Systemwide Projects).



← to Anchorage

### Project Area - Bridge MP 354 - Side and Top Profile

to Fairbanks →



A panoramic view of Bridge 354 shows the surrounding steep banks of the Nenana River.