

Bridge 147.4 North End Replacement

Project Description

The Alaska Railroad Corporation (ARRC) will replace the north end of the 125-foot through-girder ballast deck bridge that crosses the Matanuska Flood Channel at ARRC milepost 147.4 (near the juncture between Palmer and Wasilla). The project will:

- Replace the aging north-end concrete pier with a new concrete and steel bent. This includes installation of two deep-foundation structures on either side of the bridge, each with four pipe piles and two pre-cast concrete pile caps, connected by a steel plate girder pier cap.
- Replace the north-end 26-foot timber approach span with a 26-foot steel ballast deck span.

Purpose and Need

This bridge rehabilitation will help ensure railroad infrastructure remains in a state of good repair. The integrity of bridge infrastructure ensures the safety and reliability of rail operations to meet business demands.

The current *Bridge Program* fact sheet outlines general bridge rehabilitation benefits.

Status

- Preliminary engineering was completed in 2020.
- Permitting was completed in 2021.
- Construction is scheduled to begin during the final quarter of 2022 and will continue into the first quarter of 2023.
- Project completion is estimated by the end of the second quarter of 2023.

Cost and Funding

- The project budget is \$2.5 million.
- Project funding 100% by the Alaska Railroad.

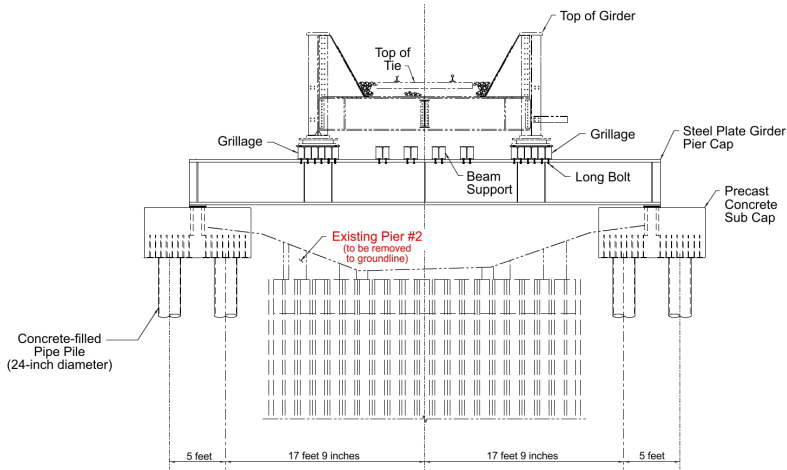
More Information

For more project information, email the Alaska Railroad at Public_Comment@akrr.com. The 2021 ARRC *Bridge Program fact sheet* is available at AlaskaRailroad.com > [Corporate](#) > [Projects](#) (look under *Systemwide Projects*).

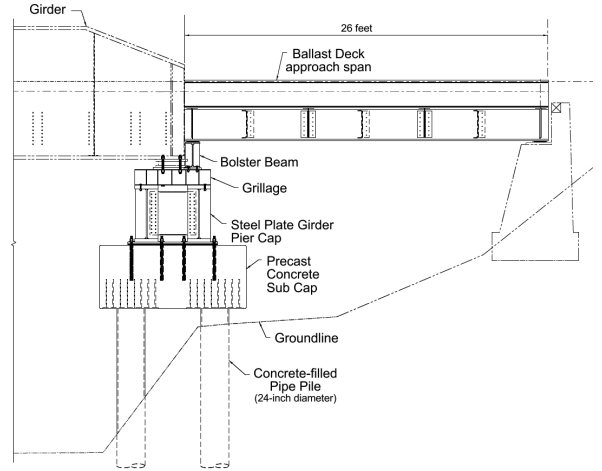


Bridge 147.4 over the Matanuska Flood Channel.

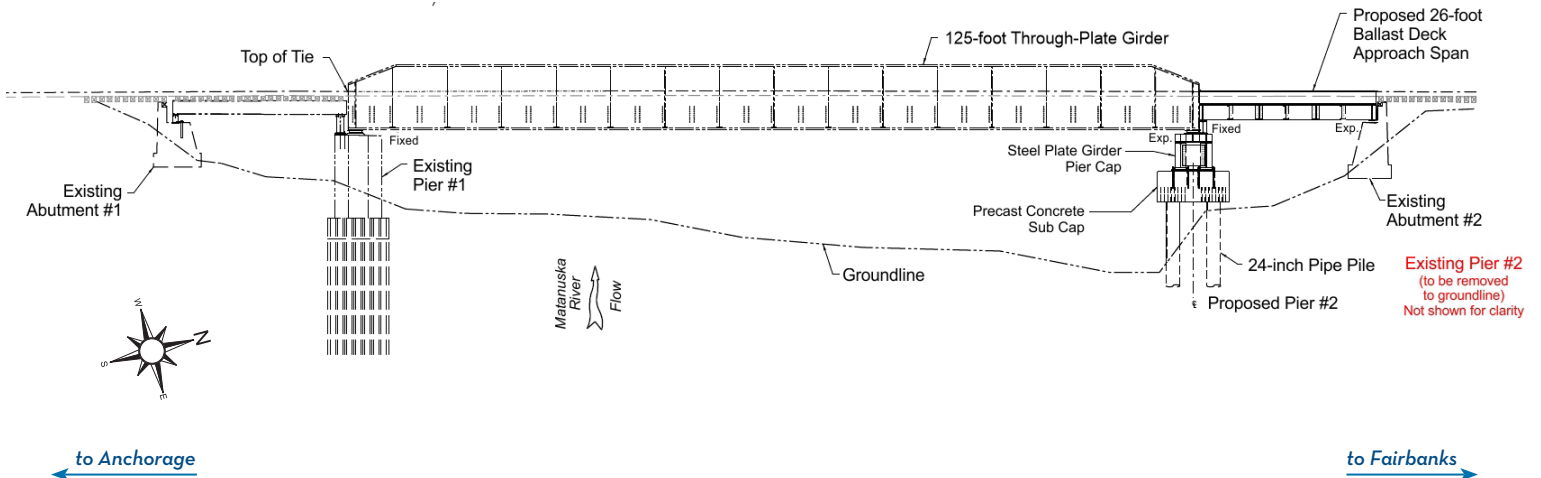
Bridge MP 147.4 North Pier, Cross-Section



Bridge MP 147.4 North Pier, Side View



Project Area - Bridge MP 147.4, Side View



Project Area - Bridge MP 47.4, Top View

