



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Fish and Game

HABITAT SECTION
Southcentral Regional Office

333 Raspberry Road
Anchorage, Alaska
Main: 907.267.2342
Fax: 907.267.2499

FISH HABITAT PERMIT FH23-II-0110

ISSUED: September 15, 2023
EXPIRES: June 30, 2024

Alaska Railroad Company
Attn: Brian Lindamood
P.O. Box 107500
Anchorage, AK 99510

RE: Bridge Rehabilitation
Twentymile River (Water Body No. 247-60-10230)
Section 30, T 9 N, R 3 E, SM
Location: 60.845318 N, 148.986257 W

Dear Brian Lindamood:

Pursuant to the Anadromous Fish Act at AS 16.05.871 (b), the Alaska Department of Fish and Game (ADF&G) Habitat Section has reviewed your proposal to rehabilitate the existing railroad bridge over Twentymile River.

Project Description

The Alaska Railroad Corporation (ARRC) proposes to rehabilitate the bridge at ARRC Milepost 64.7, over Twentymile River in Portage, Alaska (Figure 1). ARRC proposes to rehabilitate both the existing superstructure and substructure components. The project will be constructed from the bridge using a scaffolding system attached to the existing structure. Superstructure work includes strengthening select members of the steel deck truss and replacement of bearing elements. Substructure work includes encasing areas of deteriorated concrete on the piers and abutments with new reinforcing steel and concrete (Figure 2 and 3). Some of the substructure repairs may extend below mean high water (MHW) but work below this level is expected to occur "in-the-dry" when the area is naturally dewatered due to tidal fluctuations. You plan to initiate the work in the winter of 2023 with project completion by winter in 2024.

Anadromous Fish Act

Water Body No. 247-60-10230 has been specified as being important for the spawning, rearing, or migration of anadromous fishes pursuant to AS 16.05.871(a). The water body provides habitat for chum, coho, Chinook, and sockeye salmon as well as eulachon.

In accordance with AS 16.05.871(d), your project is approved subject to the project description, the following stipulations, and the permit terms.

1. The rehabilitated structure shall be maintained to accommodate the efficient passage and movement of fish, both upstream and downstream.
2. All bank cuts, slopes, fills, and other exposed earthwork arising from bridge rehabilitation or maintenance shall be stabilized to prevent erosion which may occur during and after installation.
3. Other than the reinforcing steel and concrete on the piers and abutments, no material shall be placed below MHW.
4. Equipment with fuel, oil, or hydraulic fluid leaks shall not be operated below MHW of Twentymile River.

Permit Terms

This letter constitutes a permit issued under the authority of AS 16.05.871 and must be retained on site during project activities. Please be advised that this determination applies only to activities regulated by the Habitat Section; other agencies also may have jurisdiction under their respective authorities. This determination does not relieve you of your responsibility to secure other permits; state, federal, or local. You are still required to comply with all other applicable laws.

You are responsible for the actions of contractors, agents, or other persons who perform work to accomplish the approved project. For any activity that significantly deviates from the approved plan, you shall notify the Habitat Section and obtain written approval in the form of a permit amendment before beginning the activity. Any action that increases the project's overall scope or that negates, alters, or minimizes the intent or effectiveness of any provision contained in this permit will be deemed a significant deviation from the approved plan. The final determination as to the significance of any deviation and the need for a permit amendment is the responsibility of the Habitat Section. Therefore, we recommend you consult the Habitat Section immediately before considering any deviation from the approved plan.

You shall give an authorized representative of the state free and unobstructed access to the permit site, at safe and reasonable times, for the purpose of inspecting or monitoring compliance with any provision of this permit. You shall furnish whatever assistance and information the authorized representative reasonably requires for monitoring and inspection purposes.

In addition to the penalties provided by law, this permit may be terminated or revoked for failure to comply with its provisions or failure to comply with applicable statutes and regulations. You shall mitigate any adverse effect upon fish or wildlife, their habitats, or any restriction or interference with public use that the commissioner determines was a direct result of your failure to comply with this permit or any applicable law.

You shall indemnify, save harmless, and defend the department, its agents, and its employees from any and all claims, actions, or liabilities for injuries or damages sustained by any person or property arising directly or indirectly from permitted activities or your performance under this permit. However, this provision has no effect if, and only if, the sole proximate cause of the injury is the department's negligence.

You may appeal this permit decision relating to AS 16.05.871 in accordance with the provisions of AS 44.62.330-630.

Please direct questions about this permit to Habitat Biologist Josh Brekken at (907) 267-2113 or josh.brekken@alaska.gov.

Sincerely,
Doug Vincent-Lang
Commissioner

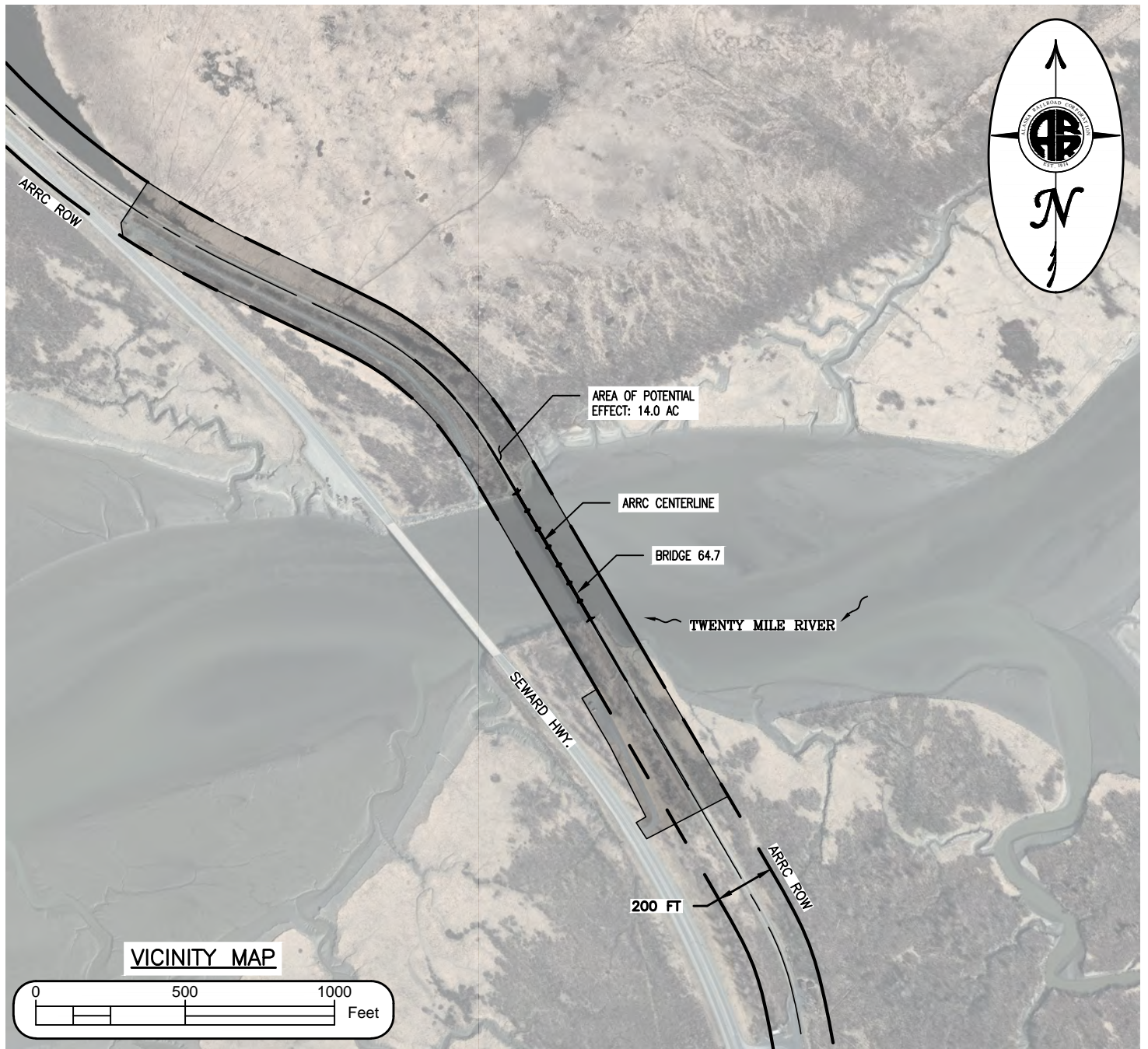


By Ron Benkert
Southcentral Regional Supervisor

Enclosures: Figures 1-3

Email cc:

- A. Ott, ADF&G
- B. Blain, ADF&G
- C. Larson, ADNR DMLW
- J. Rypkema, ADEC
- USACE, Regulatory
- DPS/AWT, Anchorage
- N. Havelock, ARRC

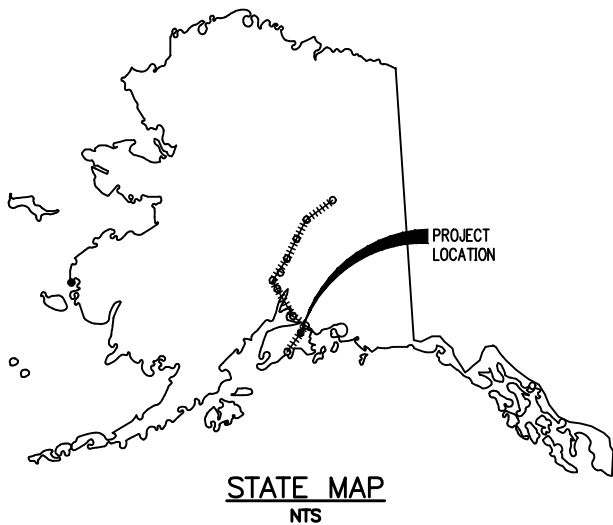
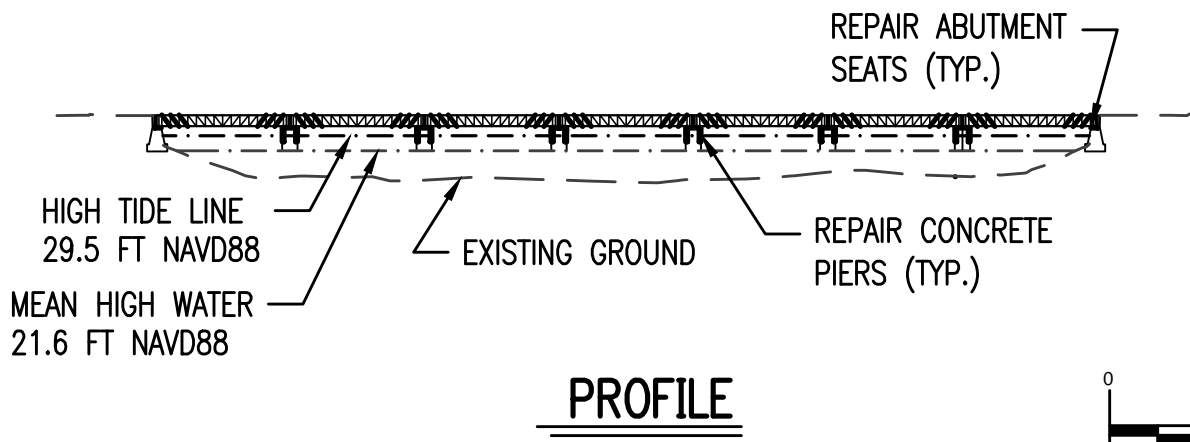
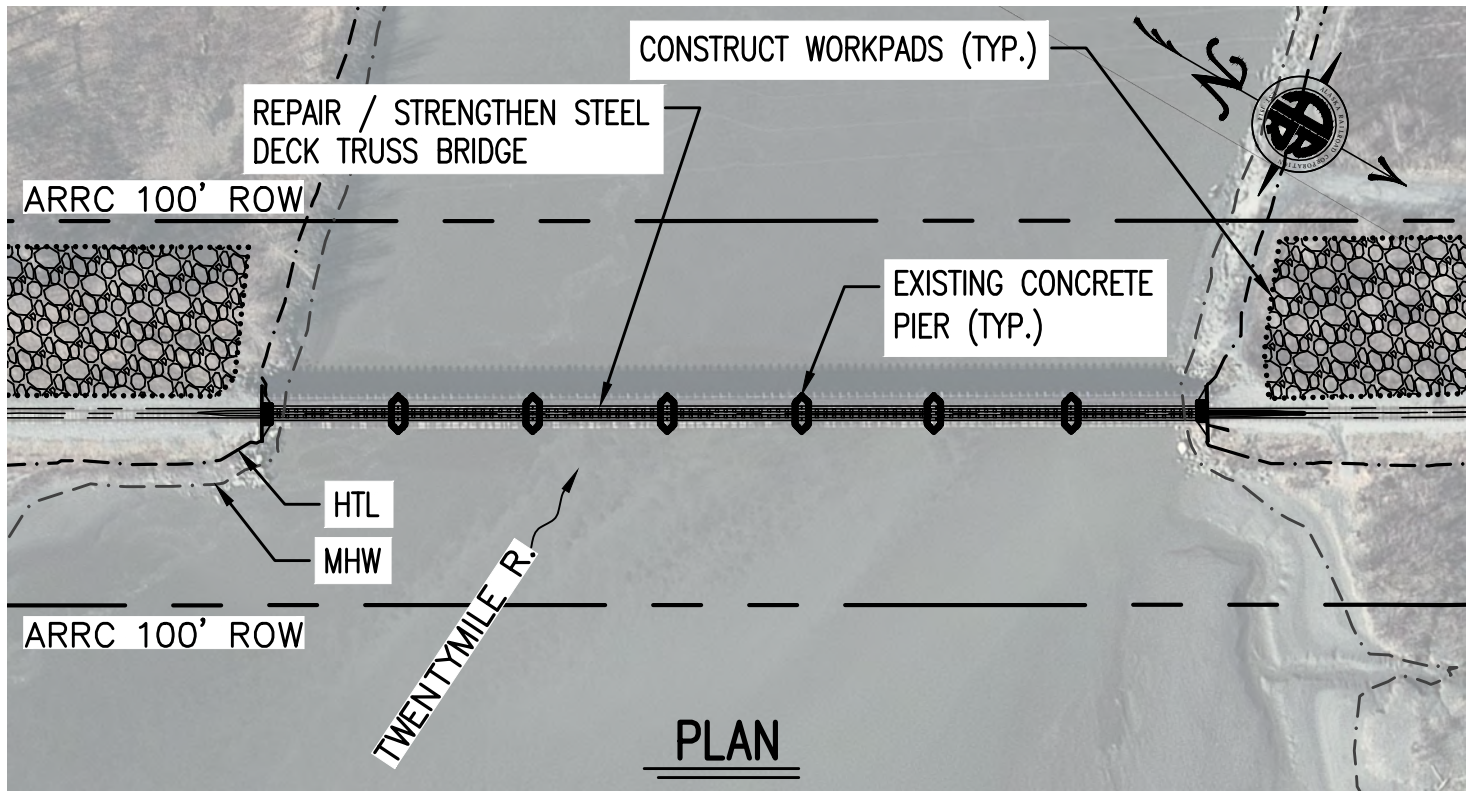


ALASKA RAILROAD CORP.
 327 W. Ship Creek Avenue
 P.O. Box 107500
 ANCHORAGE, ALASKA 99510-7500

BRIDGE MP 64.7
 AREA OF POTENTIAL EFFECT
 CONTRACTOR WORK / STAGING AREA
 T9N R3E S30 S.M.

9/13/2022

FIGURE 1 OF 4

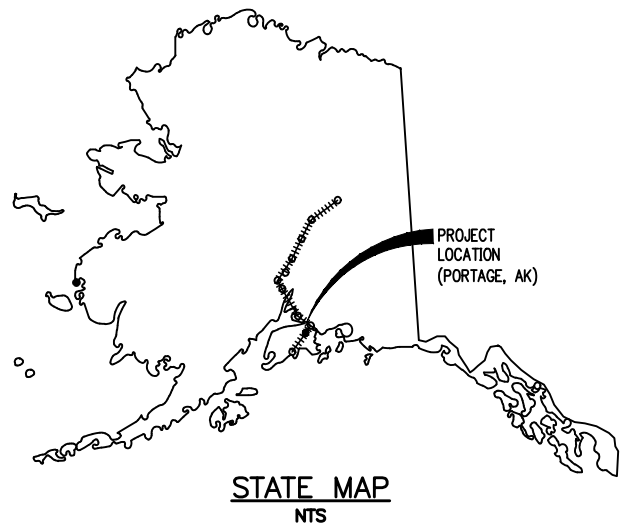
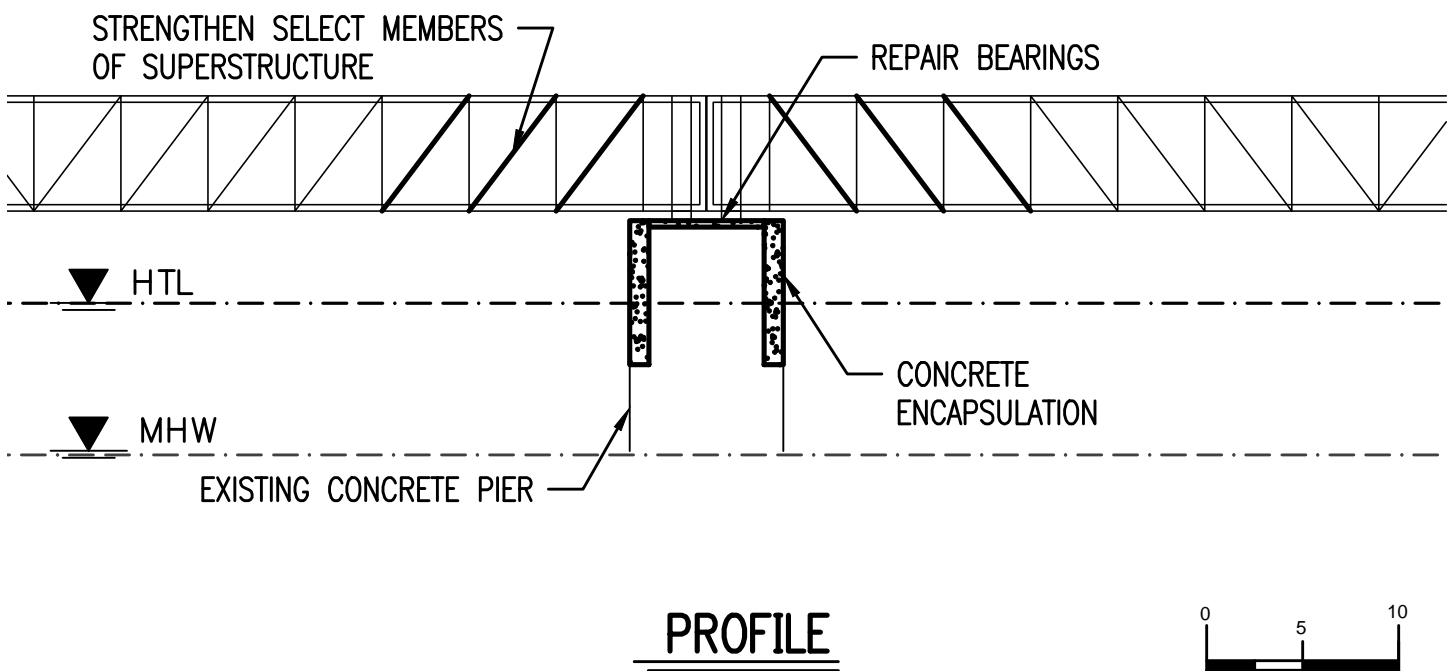
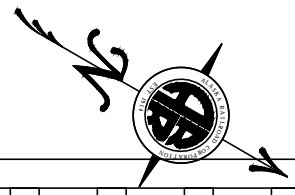
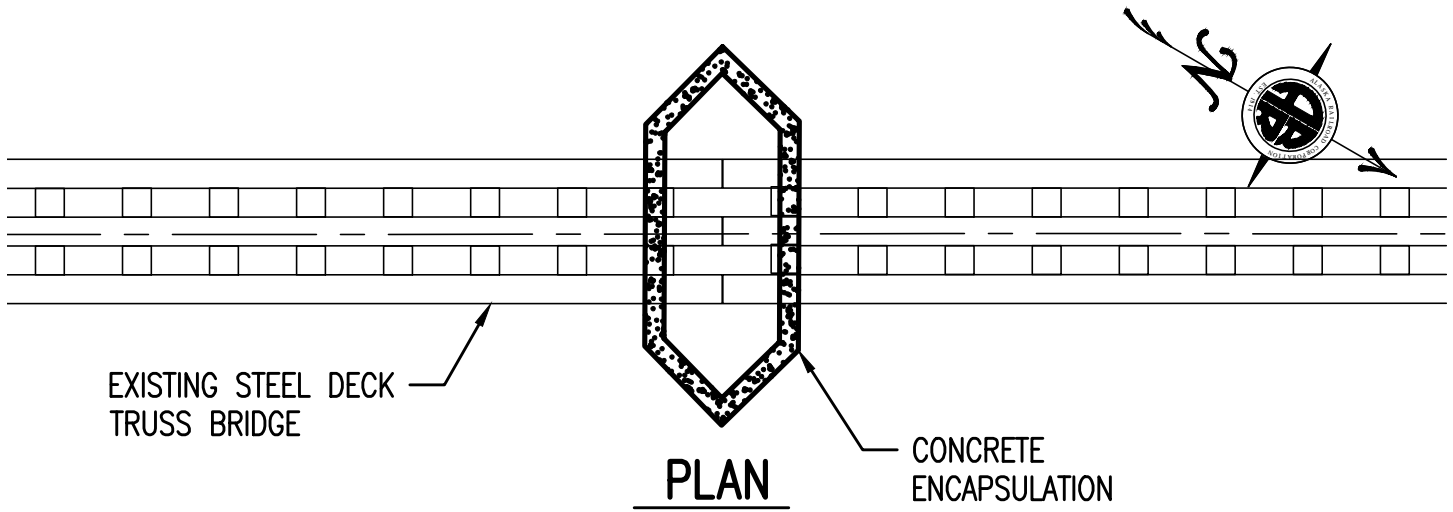


ALASKA RAILROAD CORP.
327 W. Ship Creek Avenue
P.O. Box 107500
ANCHORAGE, ALASKA 99510-7500

BRIDGE MP 64.7
PLAN AND PROFILE FIGURE

9/13/2022

FIGURE 2 OF 4



ALASKA RAILROAD CORP.
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BRIDGE MP 64.7
 DETAILS

9/13/2022

FIGURE 3 OF 4