

Attachment A
Alaska Railroad Corporation
Milepost 114.3 Bridge Replacement Project
Mitigation Measures
October 16, 2024

Alaska Railroad Corporation (ARRC) shall follow all relevant federal, state, and local regulations related to construction and operation of the Milepost 114.3 Bridge Replacement Project (Project). ARRC shall implement the following measures to avoid or minimize impacts during both construction and operation:

- **General:**
 - ARRC or its designated contractor will obtain necessary permits prior to beginning work.
 - The existing bridge superstructure will be transported to an ARRC Yard for storage or disposal.
 - The existing bridge substructure components that are removed will be properly disposed of by the contractor.
 - The project may require coordination with Municipality of Anchorage and Alaska Marine Lines for temporary traffic control at construction access point(s).
- **Cultural Resources:**
 - Upon project completion, ARRC will provide an updated Alaska Heritage Resources Survey card to the Alaska State Historic Preservation Officer per the existing Pony Truss Memorandum of Agreement stipulations.
- **Biological Resources:**
 - ARRC shall implement all mitigation measures developed during Section 7 consultation with NOAA Fisheries (NMFS). These mitigation measures are included below.
 - ARRC or its designated contractor, will comply with applicable Migratory Bird Treaty Act requirements, recommended to avoid clearing during May 1 – July 15 and for eagles March 1 – Aug 31.
- **Hazardous Waste:**
 - Creosote treated railroad ties not incorporated into the final work will be properly disposed of by the contractor.
 - If lead paint is found to be present and disturbed by construction activities, appropriate Best Management Practices (BMPs) will be implemented and proper disposal if needed.
- **Wetlands:**
 - The project will likely be authorized under the following Nationwide Permits (NWP): NWP 13 – Bank Stabilization and/or NWP 14 – Linear Transportation

- Projects. ARRC will comply with all regional and general conditions of the NWP and submit a Pre-construction Notification (PCN) for project authorization.
- Water Quality:
 - A project Storm Water Pollution Prevention Plan (SWPPP) is required for construction activities under the Alaska Pollutant Discharge Elimination System – Construction General Permit.

Attachment 1: Mitigation Measures

Mitigation Measures from the Federal Transportation Administration and U.S. Army Corps of Engineers S7 consultation incorporated on July 29, 2024

AKRO-2024-02054, ARRC Bridge 114.3 Replacement Project

General Mitigation Measures

- FTA or ARRC will inform NMFS of impending in-water pile installation or removal activities at minimum of one week prior to the onset of those activities.
- If construction activities will occur outside of the time window specified in this letter, the applicant will notify NMFS of the situation at least 60 days prior to the end of the specified time window to allow for reinitiation of consultation.
- When doing so will not compromise human safety, in-water pile installation and removal will be conducted when the tide is at or below 29 feet above mean MLLW to minimize the area of ensonification and potential impacts on ESA-listed species.
- Work in waters of the United States will be conducted in accordance with the terms and conditions of the U.S. Army Corps of Engineers (USACE) permits to be obtained for the Project.
- The Contractor will provide and maintain a spill cleanup kit on-site at all times to be implemented as part of the Spill Prevention, Control, and Countermeasure Plan, as well as the Hazardous Material Control Plan and Work Quality Control Plan, in the event of a spill or if any oil products are observed in the water.
- Fuel hoses, oil drums, oil or fuel transfer valves and fittings, and similar equipment will be checked regularly for drips or leaks and will be maintained and stored properly to prevent spills.
- If contaminated or hazardous materials are spilled or released during construction, all work in the vicinity of the contaminated site will be stopped until the Alaska Department of Environmental Conservation (ADEC) is contacted and a corrective action plan is approved by ADEC and implemented.
- Clearing and grubbing will not occur between March 01 and Aug 31 in accordance with recommendations from the Migratory Bird Treaty Act.

Marine Mammal-related Measures

- To avoid impacts to Cook Inlet belugas, in-water work will be limited to the seasonal window of December 1 through March 30.
- The ARRC will not conduct any active in-water pile installation and removal while the tide level is at or above 29 feet above mean low low waterline (MLLW).