



# ***Northern Rail Extension Phase 1***

## **Tanana River Bridge Quarterly Progress Report April 15, 2014**



Last bridge girder erected

**This report covers the period:  
January 1, through March 31, 2014**  
[www.northernrailextension.com](http://www.northernrailextension.com)

# ***Northern Rail Extension Phase 1***

## **Project Summary**

The Northern Rail Extension (NRE) project proposes to construct and operate an approximately 80-mile-long rail extension from Fairbanks to Delta Junction. The NRE project will begin at the existing rail line located on the Eielson Branch line at the Chena Overflow Bridge just south of the community of North Pole and be extended to the community of Delta Junction, with the ability to service Fort Greely.

The project phases are as listed:

- **Phase 1: Bridge, approach road, and levee associated with the crossing of the Tanana River near Salcha. (Current Phase)**
- Phase 2: Approximately 13 miles of rail from Fairbanks to the Tanana River crossing.
- Phase 3: Approximately 30 miles of rail from the west side of the Tanana River crossing to the Tanana Flats Training Area,
- Phase 4: Approximately 38 miles of rail between the Tanana Flats Training Area and Delta Junction.

## **Current Status**

- Removal of temporary access (Causeway) completed.
- Bridge bolting initiated.
- Received Corp of Engineers permits allowing access to complete remaining project scope items on military lands.
- Demobilized equipment that is no longer needed.

## **Next Quarter Outlook**

Second quarter 2014 activities will include:

- Construct approach embankment to bridge north bank.
- Complete distribution of riprap on spur dikes 1 and 2.
- Build temporary access across Boundary and Beebee sloughs
- Construct spur dike 3 and embankment on military lands
- Complete bolting on new bridge

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## **Safety**

**0** ***Incidents this Quarter***

**176** ***Injury Free Days***

**19** ***Total incidents to date\****

\*There have been no major incidents on the project.

## **Alaska Work Force (this quarter)**

**33** ***Total Manpower on Site***

**33** ***Alaskan Manpower on Site***

***100% Alaskans employed on-site this Quarter***

### ***Alaskan Companies providing services:***

#### **Construction**

- No subcontractors performed work this quarter.

#### **Engineering**

- |   |           |
|---|-----------|
| • HDR Alaska: Contract Management / Engineering | Anchorage |
| • Hanson Alaska: Bridge Engineering             | Anchorage |
| • Shannon and Wilson: Geotechnical Engineering  | Fairbanks |
| • PDC, Inc.: Survey                             | Fairbanks |
| • MAPP: Testing Services                        | Fairbanks |

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- Community meeting held January 28 to discuss requirements to establish a Tom Bear "Service District".

## Funding

	Spent FRA	Remaining FRA	Spent State Funds	Remaining State Funds	Total
Engineering, Design, Permitting	\$ 13,546,313	\$ -	\$ 1,477,572	\$ 2,476,115	\$ 17,500,000
Right-of-Way	\$ 635,384	\$ -	\$ 505,920	\$ -	\$ 1,141,304
Construction Administration	\$ 3,669,738	\$ -	\$ 6,866,533	\$ 728,345	\$ 11,264,616
ARRC Contingency	\$ -	\$ -	\$ -	\$ 3,207,461	\$ 3,207,461
Construction Contract	\$ 86,348,565	\$ -	\$ 54,095,370	\$ 14,642,684	\$ 155,086,619
<b>Total</b>	<b>\$ 104,200,000</b>	<b>\$ -</b>	<b>\$ 62,945,395</b>	<b>\$ 21,054,605</b>	<b>\$ 188,200,000</b>

## Schedule

**Original Estimated Schedule completion Date:**

**August 2014**

**Current Estimated Schedule completion Date:**

**August 2014**

## Project Milestones

Major Project Milestones		
	Date	Status
Final Design and Permits	July-11	Complete
Construction Contract	July-11	Complete
Office Complex & Staging Area	November-11	Complete
Utility Relocation	November-11	Complete
North Bank Levee	July-12	Complete
South Bank Spur Dikes	July-14	
Bridge Sub-Structure	March-14	Complete
Bridge Super-Structure	March-14	Complete

# ***Northern Rail Extension Phase 1***

## **ARRC Project Staff**

### **On-Site Project Manager**

Mark Peterburs

Project Director

Salcha Project Office 677-4731

748-1767 or 378-1762 (cell numbers)

[peterbursm@akrr.com](mailto:peterbursm@akrr.com)

### **Anchorage Staff**

Clark Hopp

Vice President Engineering

327 West Ship Creek Avenue

Anchorage, AK 99501

907-265-2372

[hoppc@akrr.com](mailto:hoppc@akrr.com)

[www.northernrailextension.com](http://www.northernrailextension.com)