



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

## **Tanana River Bridge Quarterly Progress Report October 15, 2013**



Photo courtesy of John Binkley

**This report covers the period:  
July 1, 2013 through September 30, 2013**  
[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**

Rip Rap deliveries to the jobsite began in April and will be completed mid-October.

Temporary access construction across the river started in late May. Access across the river to the south bank was completed mid-August.

All girders to complete the bridge superstructure were delivered and pre-assembled on the job site.

16 of 19 in-water piers have been completed. The remaining three are under construction and will be completed in October.

Abutment work started this quarter and will be completed in October.

## **Next Quarter Outlook**

Fourth quarter of 2013 activities will include:

- Completion of final three in-water piers.
- Completion of abutments.
- Erection of superstructure (girders, ballast pan, and bridge walkway).

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

## **Safety**

**2** ***Incidents this Quarter***

**39** ***Injury Free Days***

**17** ***Total incidents to date\****

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

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

**82** ***Total Manpower on Site***

**68** ***Alaskan Manpower on Site***

**82% Alaskans employed on-site this Quarter**

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

#### **Construction**

- **Rolling Stone Construction:** Gravel Salcha
- **Better Way Construction:** Hydroseeding North Pole
- **Brice Inc:** Rip Rap Fairbanks
- **Code 3 Logistics:** On-Site Trucking North Pole
- **Northstar Terminal and Stevedore:** Crane Valdez
- **Brown's Hill Quarry,** Rip Rap North Pole
- **JD Steel:** Ironwork-Rebar Salcha
- **HC Redimix:** Concrete North Pole
- **Warwick Surveying:** Survey Anchorage
- **Carlile:** Trucking Anchorage

#### **Engineering**

- **HDR Alaska:** Contract Management/Engineering Anchorage
- **Hanson Alaska:** Bridge Engineering Anchorage
- **Shannon and Wilson:** Geotechnical Engineering Fairbanks
- **PDC Inc:** Survey Fairbanks
- **MAPPA Testing Services** Fairbanks

# Northern Rail Extension Phase 1

- Project representatives staffed an information booth during the Salcha Fair in July.
- ARRC Board toured project in September
- Open House is planned for early December

## Funding

	Spent FRA	Remaining FRA	Spent State Funds	Remaining State Funds	Total
Engineering, Design, Permitting	\$ 13,546,313	\$ -	\$ 1,360,992	\$ 2,592,695	\$ 17,500,000
Right-of-Way	\$ 635,384	\$ -	\$ 419,227	\$ -	\$ 1,054,611
Construction Administration	\$ 3,670,359	\$ -	\$ 5,750,107	\$ 1,844,151	\$ 11,264,616
ARRC Contingency	\$ -	\$ -	\$ -	\$ 3,736,813	\$ 3,736,813
Construction Contract	\$ 85,384,664	\$ 963,281	\$ 28,947,793	\$ 39,348,222	\$ 154,643,960
<b>Total</b>	<b>\$ 103,236,719</b>	<b>\$ 963,281</b>	<b>\$ 36,478,119</b>	<b>\$ 47,521,881</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	
Bridge Super-Structure	March-14	

---

# ***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)