



Northern Rail Extension Phase 1

Tanana River Bridge Quarterly Progress Report July 15, 2013



June 25, 2013 – 1st of the last 24 Girders being Off Loaded on Site

**This report covers the period:
April 1, 2013 through June 30, 2013**
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May 31, 2013 – Pile Driver Slough Bridge – All 6 girders set & forming wing walls

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.

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Current Status

Rip Rap development began again in late March. Deliveries to the jobsite began in April and are expected throughout the summer months.

Temporary access construction across the river started late in May, about a week late, due to a later than normal break up.

Final shipment of 24 girders arrived in Valdez in May. Deliveries of the final 24 girders to the site began in June. All 80 girders to complete the bridge should be on site sometime in July.

Work on the Tom Bear road extension bridge began in April and was substantially completed in June.

Work on the Tanana north bridge abutment did not get started in the first quarter due to frozen ground.

Next Quarter Outlook

Third quarter of 2013 activities will include:

- Balance of girders delivered to the jobsite from Valdez.
- Completion of temporary access across the river.
- Completion of 6 of the remaining 8 piers in the river.
- Construction of North bridge abutment



June 20, 2013 – Trestle Bridge and Main Alignment

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Safety

1 Incidents this Quarter

24 Injury Free Days

15 Total incidents to date*

*There have been no major incidents on the project.

Alaska Work Force (this quarter)

76 Total Manpower on Site

63 Alaskan Manpower on Site

83% Alaskans employed on-site this Quarter

Alaskan Companies providing services:

Construction

- | | |
|---|------------|
| • Rolling Stone Construction: Gravel | Salcha |
| • Alaska Quality Insulators: Office Set up | North Pole |
| • Brice Inc: Rip Rap | Fairbanks |
| • Alaska Industrial: Trucking | Fairbanks |
| • Northstar Terminal and Stevedore: Crane | Valdez |
| • Brownís Hill Quarry, Rip Rap | North Pole |
| • JD Steel: Ironwork-Rebar | Salcha |
| • HC Redimix: Concrete | North Pole |
| • Code 3 Logistics: On-Site Trucking | North Pole |
| • Bighorn Enterprises: Trucking | Fairbanks |
| • Arctic Surveys Company: Survey | Fairbanks |
| • 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 |

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Public Outreach

- A letter went out to the community in February discussing accomplishments to date and the outlook for construction. The letter also indicated another Open House would be held after break up and that a post card would be sent out with the final date as break up approaches.
- Open House was held at Salcha Elementary School on May 15.
- On March 30, 2013, Tori Brannan's Kindergarten and First Grade students won a blue ribbon and a special recognition from the local science community at the Fairbanks North Star Borough District Science Fair. The focus of their project was "What Kind of fish are in Pile Driver Slough?" The project is an early result of the ongoing study in which Salcha Elementary students are participating as part of the 10 year Mitigation Study the Alaska Railroad agreed to conduct for the permitting for the Northern Rail Extension Project.

Funding

	Spent FRA	Remaining FRA	Spent State Funds	Remaining State Funds	Total
Engineering, Design, Permitting	\$ 13,546,313	\$ -	\$ 1,174,187	\$ 2,779,500	\$ 17,500,000
Right-of-Way	\$ 635,384	\$ -	\$ 419,227	\$ -	\$ 1,054,611
Construction Administration	\$ 3,670,359	\$ -	\$ 5,191,751	\$ 2,402,506	\$ 11,264,616
ARRC Contingency	\$ -	\$ -	\$ -	\$ 3,743,725	\$ 3,743,725
Construction Contract	\$ 83,085,510	\$ 3,262,434	\$ 15,673,264	\$ 52,615,840	\$ 154,637,048
Total	\$ 100,937,566	\$ 3,262,434	\$ 22,458,429	\$ 61,541,571	\$ 188,200,000

Schedule

Original Estimated Schedule completion Date:

August 2014

Current Estimated Schedule completion Date

August 2014

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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	September-13	
Bridge Sub-Structure	March-14	
Bridge Super-Structure	March-14	

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ARRC Project Staff

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