



## Tanana River Bridge



### Project Description:

This Bridge project is a 3,300 ft. long railroad bridge, 7,344 tons, that is part of the Northern Rail Extension connecting the North Pole with Delta Junction, Alaska. Fabrication of this bridge was by CRSBG, China.

Atema provided technical fabrication consultant services which included: US code interpretation and compliance; change orders; RFI's; inspection and testing; and cost savings ideas to ensure the project was on time, within budget, and met or exceeded contract requirements.

During Fabrication, Atema provided CRSBG with training and consulting services in quality system improvement for their bridge production facility in Qinhuangdao.

The project was delivered five months early with only four project nonconformances.

### Owner:

AARC Alaska Railroad Corporation

### Client Reference:

Kiewit Bridge & Marine  
Robert A. Elliott - Project Sponsor  
2215 E 1st St. Vancouver, WA 98661  
360-694-1201

### Fabricator:

China Railway Shanhaiguan Bridge Group Co., Ltd. (CRSBG)

### Project Dates:

June 2011 – October 2012

### Fabricator Services:

- ▲ Project Specification Review
- ▲ Author/review Quality Plans and Inspection and Test Plans
- ▲ Author/review RFIs
- ▲ Project Management Consultation
- ▲ Nonconformance Resolution
- ▲ Technical Consultant
- ▲ Training

