

## PROJECT OVERVIEW

# CD5 BRIDGE COMPONENTS DELIVERED



## THE PROJECT:

Foss Maritime transported 11,000 tons of construction materials for the Conoco Philips – CD5 bridge project to build four bridges across the Colville River connecting Conoco’s Alpine Facility to a satellite operation in the National Petroleum Reserve of Alaska (NPR). In voyages in August and November 2013, concrete deck panels and bridge girders were towed from Tacoma, WA to Valdez, AK and stored to await transit over the ice roads to the construction site by Foss’s sister company Carlile Transportation.

## SERVICES PROVIDED:

- Domestic Project Cargo Transportation
- Oil Field Services
- Construction Support
- Naval Architecture and Marine Engineering
- Ocean Towing
- Voyage Planning

## HIGHLIGHTS:

- Worked in partnership with Carlile Transportation and ConocoPhillips to successfully deliver bridge components to a remote, arctic site.
- In August 2013, the *Ocean Pathfinder* towed a 330’ x 86’ barge laden with 6,700 short tons of concrete deck panels and bridge girders from Tacoma to Valdez.
- In November 2013, the *Lauren Foss* towed a similar barge laden with 4,500 short tons of bridge girders, construction materials and equipment.
- Specially designed stanchions were engineered to assure proper stowage and sea fastening of roadway panels.