

**Fairbanks: Richardson Highway - Northbound Chena
Overflow Bridge for Gas Pipeline**

**FY2006 Request: \$11,000,000
Reference No: 40445**

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Fairbanks Areawide

Contact: John MacKinnon

House District: Fairbanks Areawide (HD 7-11)

Contact Phone: (907)465-6973

Estimated Project Dates: 07/01/2005 - 06/30/2010

Appropriation: Governor's Transportation Access to Resources Initiative

Brief Summary and Statement of Need:

Upgrade existing highway bridge to accommodate heavy module movements needed for construction of gas pipeline.

Funding:	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Bond Funds	\$11,000,000						\$11,000,000
Total:	\$11,000,000	\$0	\$0	\$0	\$0	\$0	\$11,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

Project Description/Justification:

A 2002 analysis of highway needs for constructing the gas pipeline identified this has a category 1 (most important priority) upgrade. The Chena Flood Channel Bridge (Bridge # 1364) was built in 1977 and is 982 feet long and 36 feet wide. It is currently limited to a load rating of HS 20 (normal legal limit). (Note: both the southbound and northbound bridge would ideally be upgraded, but heavy modules needed for the gas pipeline can be routed on the northbound bridge, as these movements are generally infrequent and accompanied by special traffic control efforts.)

The building of the gas pipeline requires the transport of heavy modules. This bridge can not structurally accommodate the weight of such heavy loads. This project targets bridge improvements necessary to serve the Stranded Gas Development Act (SGDA) and construction of the gas pipeline. An engineering analysis is required to determine the final strategy between rehabilitation or replacement of this bridge. Federally appropriated bridge moneys can not be used to increase a bridge's capacity over normal legal limits, thus state funding is appropriate for this project.