

Richardson Highway, Shaw Creek Bridge**FY2005 Request: \$2,500,000****Reference No: 41146****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:** 06/30/2005 - 06/30/2010**Appropriation:** CC: Section 58(c): Alaska Capital Income Projects**Brief Summary and Statement of Need:**

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

Funding:	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>Total</u>
AK Cap Inc	\$2,500,000						\$2,500,000
Total:	\$2,500,000	\$0	\$0	\$0	\$0	\$0	\$2,500,000

<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	
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 Shaw Creek Bridge (Bridge #525) was built in 1975 and is 166 feet long and 38 feet wide. It is currently limited to a load rating of HS 20 (normal legal limit).

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.