

**Copper River Highway - Million Dollar Bridge #0206****FY2012 Request: \$11,465,000****Reference No: 7175****AP/AL:** Allocation**Project Type:** Construction**Category:** Transportation**Location:** Delta Junction**House District:** Richardson/Glenn Highways (HD 12)**Impact House District:** Richardson/Glenn Highways (HD 12)**Contact:** Pat Kemp, Deputy Commissioner**Estimated Project Dates:** 07/01/2011 - 06/30/2018 **Contact Phone:** (907)465-3906**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

This is a new FY2012 request which is needed for the project to be put out for bid. This project is being included in the FY2012 amended request due to changes in the scheduled obligation of federal funds to other DOT&PF projects that occurred after the release of the budget on December 15, 2010. This project will upgrade this historic bridge to current seismic standards. Work will include seismic reinforcement, anchoring piers and installation of isolation bearings.

<b>Funding:</b>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>Total</u>
Fed Rcpts	\$11,465,000						\$11,465,000
<b>Total:</b>	\$11,465,000	\$0	\$0	\$0	\$0	\$0	\$11,465,000

<input type="checkbox"/> State Match Required	<input checked="" 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
<u>One-Time Startup:</u>	0	
<b>Totals:</b>	0	0

**Additional Information / Prior Funding History:**

\$10,500,000 - Ch 2 FSSLA 1999

**Project Description/Justification:**

Previous funding completed the design phase 1 and 2 and construction phase 1. Phase 1 construction, which included building a new pier, raising the fallen span and replacement of damaged structural steel members, was completed in federal fiscal year (FFY) 2005. This funding is for construction phase 2.

The proposed project would rehabilitate the Copper River Highway Million Dollar Bridge in order to restore its fully operational pre-earthquake functional condition along with a seismic refit to resist future earthquakes. To prepare this bridge for a future seismic event, the south abutment #1 needs to be rebuilt to allow room for the superstructure to move during an earthquake. Reinforcing steel needs to be installed in the existing piers, the spans require lifting to install isolation bearings and the northern span is misaligned by 2-4 feet requiring adjustment.

The Million Dollar Bridge carries the Copper River Highway at milepost 49 across the Copper River between Miles Lake and Childs Glacier. The bridge was badly damaged during the Good Friday

Earthquake on March 27, 1964. In 1973, the Department of Highways constructed a ramp to open the bridge to light traffic. Additional repair work was completed in 1975 due to public demand for access across the Copper River. In 1996, the DOT&PF completed a project to stabilize and partially rehabilitate the bridge. To fully restore the bridge to operational condition and refit the bridge to resist collapse during a future seismic event additional work is required.

The Copper River Highway Million Dollar Bridge is listed in the National Register of Historic Places. Therefore, the rehabilitation and retrofit must be done in a way that respects the historic nature of the bridge. The State Historic Preservation Office (SHPO) concurs that there is no adverse effect to this historic bridge by the proposed project. The Department's goal is to maintain the historic integrity of the bridge by continuing to coordinate with SHPO through the project development.