

Juneau - Jordan Creek Bridge Replacement and Basin Road Trestle Rehabilitation

FY2011 Request: \$2,200,000
Reference No: 48285

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Juneau Areawide

Contact: Frank Richards

House District: Juneau Areawide (HD 3-4)

Contact Phone: (907)465-3900

Estimated Project Dates: 07/01/2010 - 06/30/2015

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Replace Jordan Creek Bridge #1786 (Trout Street) and rehabilitate the Basin Road Trestle #0948. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$2,200,000						\$2,200,000
Total:	\$2,200,000	\$0	\$0	\$0	\$0	\$0	\$2,200,000

<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
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

Though Trout Street is short, it is busy. Average Daily Traffic (ADT) is over 3,900 for this roadway that serves two popular eateries, a hotel and a business center. This steel stringer and filled steel grid bridge was built in 1984 and suffers from excessive rust. The replacement bridge is currently being designed to incorporate a pre-fabricated, single span steel bridge with pony truss.

The Basin Road Trestle was built in 1936 and is the primary maintenance and operations access to Juneau's water supply in Last Chance Basin. Deck condition is serious, superstructure condition is fair, with a sufficiency rating of 42 out of 100. Commercial trucks are limited to eight tons per axle. In the event that the city's water turbines need to be replaced, they will need to be slung in by helicopter, a high-risk and expensive option. Basin Trestle rehabilitation will include replacing the bridge deck, updating the guard rail, and increasing the load ratings for the first and last span to equal or exceed the intermediate spans. The foundations will be inspected and replaced or repaired as required.