

Ketchikan: Tongass Highway - Viaducts Replacement and Rehabilitation **FY2005 Request: \$2,200,000**
Reference No: 36833

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Ketchikan **Contact:** John MacKinnon
House District: Ketchikan (HD 1) **Contact Phone:** (907)465-6973
Estimated Project Dates: 07/01/2004 - 06/30/2009
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Replace and/or rehabilitate portions of the two deteriorating viaducts, bridges #797 & #997, between mall and the central business district. Restore tunnel lining and correct other deficiencies. This project contributes to the Department' Mission by improving the mobility of people and goods.

Funding:	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	Total
Fed Rcpts	\$2,200,000						\$2,200,000
Total:	\$2,200,000	\$0	\$0	\$0	\$0	\$0	\$2,200,000

<input checked="" 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
9% = 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:

FY2003 - \$450,000; FY2002 - \$5,750,000; FY1999 - \$4,031,100.

Project Description/Justification:

Construct new deck surfaces on the two viaducts, bridges #797 and #997, that carry Tongass Avenue. Deck concrete under the asphalt road surfacing is deteriorated, and does not prevent corrosion of the steel rebar that reinforces the viaducts. The deck on over 3,000 linear feet of viaduct requires rehabilitation. Traffic volume averages 17,700 vehicles per day. The total of previous appropriations is not sufficient to fund the construction phase.

New deck surfaces support the department's mission of improving mobility of people and goods. The pavement is rutted and starting to fail, but the decks require rehabilitation before the new pavement can be placed. Without rehabilitation, the lifespan of each viaduct is reduced. Both viaducts are identified as deficient in the national bridge inventory; this work addresses deck deficiencies, as recommended by bridge managers.

There are several components to addressing all identified deficiencies of the two viaducts. Rehabilitation of the most damaged bents supporting each viaduct has already been completed. In addition to new deck surfaces, remaining work that will need to be funded includes rehabilitation of remaining bents and replacement of short segments of each viaduct where it is more cost-effective to place fill.