Richardson Highway: Milepost 228 - One Mile Creek Bridge **FY2005 Request: $6,000,000**
Reference No: 39075

AP/AL: Allocation
Project Type: Construction
Category: Transportation
Location: Delta Junction (Richardson/Glenn Highways)
Contact: John MacKinnon
House District: Richardson/Glenn Highways (HD 12)
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 One Mile Creek Bridge (#0591) and approaches in the Black Rapids area. 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:	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	Total
Fed Rcpts	$6,000,000						$6,000,000
Total:	$6,000,000	$0	$0	$0	$0	$0	$6,000,000

☑ State Match Required ☑ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ On-Going
9% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Additional Information / Prior Funding History:
None.

Project Description/Justification:
The current bridge lies at a gradient change in the drainage for this mountain stream. At this point the stream loses velocity and drops a significant bed load, filling the stream channel upstream from and under the bridge, One storm event can deposit enough rock sediment to completely block the channel under the bridge, causing the stream to sometimes overflow and wash out the road, or to flow into the bridge girders, damaging the structure and potentially washing out the bridge. After each storm event, maintenance has to send bulldozers and loaders to these remote sites to clear and reestablish the channel under the bridge. Last season over 20,000 cubic yards of gravel was deposited around the bridge. Removing this material costs almost $10,000 per operation, severely straining the maintenance budget. In addition, we estimate that over $300,000 worth of rip rap was lost at the site due to this situation.