

Whittier Tunnel: Replace Portal Jet Fan - Section 11b**FY2006 Request:****\$504,200****Reference No:****42006****AP/AL:** Appropriation**Project Type:** Equipment**Category:** Transportation**Location:** Whittier**Contact:** John MacKinnon**House District:** Chugach State Park (HD 32)**Contact Phone:** (907)465-6973**Estimated Project Dates:** 03/15/2006 - 08/31/2006**Brief Summary and Statement of Need:**

Replacement of one of the Whittier Tunnel portal jet fans. This request also covers repairs to the failed safety system that resulted in the fan being destroyed.

Funding:	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	Total
Gen Fund	\$504,200						\$504,200
Total:	\$504,200	\$0	\$0	\$0	\$0	\$0	\$504,200

<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	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

There has been a catastrophic failure of one of the Whittier Tunnel portal jet fans. This type of failure was totally unexpected. There was a concurrent failure in the safety system intended to prevent total loss. Without the safety system, the jet fan did not shut down and resulted in destroying itself. Repairs will include correction of that failed safety system. Jet fans are necessary to operate the Whittier Tunnel as they force the carbon monoxide gases from the tunnel. There are two fans on each end of the tunnel - one is for normal use and the other is required backup during repair or failure of the other. Without this second fan, closure of the tunnel will be required to accommodate any maintenance of the remaining fan. The net cost of a new fan taking into account current State Equipment Fleet replacement credits is \$504,200.