

**Alaska Marine Highway System: Fleet Condition Survey Update**

**FY2011 Request: \$250,000**  
**Reference No: 38577**

**AP/AL:** Allocation  
**Category:** Transportation  
**Location:** Statewide  
**House District:** Statewide (HD 1-40)  
**Estimated Project Dates:** 07/01/2010 - 06/30/2015  
**Appropriation:** Surface Transportation Program

**Project Type:** Research / Studies / Planning  
**Contact:** Jim Beedle  
**Contact Phone:** (907)465-6977

**Brief Summary and Statement of Need:**

Update fleet condition survey. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage, by improving the mobility of people and goods and by increasing private investment.

<b>Funding:</b>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Fed Rcpts	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000
<b>Total:</b>	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,500,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

FY2010 - \$250,000; FY2008 - \$150,000; FY2007 - \$300,000; FY2005 - \$135,000; FY2004 - \$275,000.

**Project Description/Justification:**

This will update the 2001 Alaska Marine Highway System (AMHS) Fleet Vessel Condition Reports and the computer database that was created at that time to describe the current vessel condition and reflect construction work performed since the 2001 reports were prepared. Systematic surveys of each vessel will confirm the condition and potential obsolescence of components such as electrical control and distribution systems, hotel, crew and galley spaces, deck machinery; navigation and communications equipment; bow thrusters; main propulsion systems; ship service and emergency generator systems; elevators; steering equipment; lifeboats; davits; hull; solarium; vessel coating systems; tanks and voids; car deck doors and sealing systems; stern loading ramps; ventilation systems; and fire suppression systems. The surveys will be updated to assure compliance with appropriate regulations and standards that have come into play since the initial reports were published. The completed reports will assist AMHS management in identifying and programming future capital projects for each vessel.