

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

**FY2017 Request: \$150,000**  
**Reference No: 38577**

**AP/AL:** Allocation

**Project Type:** Research / Studies / Planning

**Category:** Transportation

**Location:** Statewide

**House District:** Statewide (HD 1-40)

**Impact House District:** Statewide (HD 1-40)

**Contact:** Mike Vigue

**Estimated Project Dates:** 07/01/2016 - 06/30/2021

**Contact Phone:** (907)465-4070

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

Update fleet condition survey on an annual basis.

<b>Funding:</b>	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Total
1002 Fed Rcpts	\$150,000	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$1,025,000
<b>Total:</b>	\$150,000	\$175,000	\$175,000	\$175,000	\$175,000	\$175,000	\$1,025,000

<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
20% = 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>

**Prior Funding History / Additional Information:**

- Sec1 Ch38 SLA2015 P11 L15 SB26 \$150,000
- Sec1 Ch16 SLA2013 P87 L6 SB18 \$175,000
- Sec1 Ch17 SLA2012 P142 L3 SB160 \$175,000
- Sec1 Ch5 SLA2011 P109 L15 SB46 \$200,000

**Project Description/Justification:**

This will update the 2013 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 2013 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.

