Alaska Marine Highway System - Ferry Vessel Refurbishment

FY2015 Request: **$15,000,000**
Reference No: **40380**

AP/AL: Allocation
Project Type: Renewal and Replacement
Category: Transportation
Location: Statewide
House District: Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40)
Contact: Jeff Ottesen
Estimated Project Dates: 07/01/2014 - 06/30/2021
Contact Phone: (907)465-4070
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:
This project will provide ferry refurbishment, meet regulatory requirements, and refurbish components on ferries as identified in the annual Alaska Marine Highway System (AMHS) Fleet Condition Survey Report.

Funding:	FY2015	FY2016	FY2017	FY2018	FY2019	FY2020	Total
Fed Rcpts	$15,000,000						$15,000,000
Total:	$15,000,000	$0	$0	$0	$0	$0	$15,000,000

☑ 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

Prior Funding History / Additional Information:
Sec1 Ch17 SLA2012 P141 L31 SB160 $15,000,000
Sec1 Ch5 SLA2011 P109 L12 SB46 $15,000,000
Sec7 Ch43 SLA2010 P43 L27 SB230 $20,000,000
Sec1 Ch15 SLA2009 P30 L3 SB75 $18,000,000
Sec13 Ch29 SLA2008 P167 L9 SB221 $17,500,000
Sec4 Ch30 SLA2007 P111 L10 SB53 $25,000,000

Project Description/Justification:
Funding refurbishment of the existing AMHS ferry fleet is critical to maintaining a reliable and efficient transportation system serving traffic between Bellingham throughout Southeastern Alaska, across the Gulf of Alaska to Kodiak and the communities out the Aleutian Chain. This funding will support a continuing refurbishment program to enable these vessels to remain in service over the next five to ten years. Each vessel's propulsion, electrical, plumbing, sewage treatment, ventilation and communication systems and the crew and passenger lounges, dining rooms, cafeterias, hotel facilities, hull and components in general are all in various states of deterioration and in need of refurbishment. Other improvements relate to meeting regulatory requirements mandated by the U.S. Coast Guard and the Transportation Security Administration. This funding allows the AMHS to implement a periodic refurbishment of those components on each ferry most in need of refurbishment and equipment installations on a priority basis to provide for safe, reliable and comfortable service.

Projects for this funding include:

M/V Columbia Bridge Deck
Design and Construction: This project will address the full refurbishment and upgrade of the Bridge Deck crew living quarters and the stack on the MV Columbia. This will also include ADA accommodation upgrades, IT infrastructure upgrades, and refurbishment of select machinery, hazardous material removal, structural modifications, space arrangements, and replacement of existing furniture, fittings, outfitting, light fixtures, electrical switches and receptacles, windows and interior and exterior doors. In support of these activities the upgrades will also include work on the electrical, refrigeration and HVAC, mechanical, Public Address and General Alarm system, and fire protection systems. Signage, safety placards, cabling, coatings, flooring, vessel drawings/records, and stability assessment modifications and replacements may be required.

AMHS Fleetwide Lifesaving Equipment
The purpose of this project is to upgrade and refurbish the following lifesaving systems: lifeboats and davits, service boats and davits, means of rescue equipment and life rafts. Replacement is expected and desired to keep installation similar across the fleet. Project includes design, regulatory approval, removal of existing systems, refurbishment of selected existing systems and installation, testing and training for new equipment.

FVF System Upgrades
This project will assess current condition of existing ship systems including coatings and furnishings, repair and modify as required; perform habitability, navigation, control, and machinery upgrades to address operational problems which have been identified through operations; perform identified ADA modifications.

Vessel Survey Upgrades
This project will include actual survey work on the AMHS fleet to inspect and record location of hazardous materials for future extraction and replacement. This project will also include upgrades to the current fleet condition survey database.