

**Alaska Marine Highway System - Asset Management Program**

**FY2014 Request: \$1,750,000**  
**Reference No: 56940**

**AP/AL:** Allocation

**Project Type:** Construction

**Category:** Transportation

**Location:** Statewide

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

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

**Contact:** Reuben Yost

**Estimated Project Dates:** 07/01/2013 - 06/30/2018

**Contact Phone:** (907)465-6977

**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

Provide for comprehensive documentation of how to manage Alaska Marine Highway System (AMHS) assets over their lifecycle, including asset inventory and condition, performance measures, asset preservation planning and integration of cyclical maintenance reporting.

| <b>Funding:</b> | <b>FY2014</b>      | <b>FY2015</b> | <b>FY2016</b> | <b>FY2017</b> | <b>FY2018</b> | <b>FY2019</b> | <b>Total</b>       |
|-----------------|--------------------|---------------|---------------|---------------|---------------|---------------|--------------------|
| Fed Rcpts       | \$1,750,000        |               |               |               |               |               | \$1,750,000        |
| <b>Total:</b>   | <b>\$1,750,000</b> | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$1,750,000</b> |

|   |  |                                       |   |                                   |
|---|--|---------------------------------------|---|-----------------------------------|
| <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             |              |
| <b>Totals:</b>       | <b>0</b>      | <b>0</b>     |

**Prior Funding History / Additional Information:**

No prior funding history

**Project Description/Justification:**

The purpose of this project is to develop an asset management program for AMHS. With the right facilities capital planning and management process in place, AMHS will be able to develop a long-term view of capital planning with accurate multi-year forecasting; make investment decisions based on objective, analytical, and transparent information, reduce financial, operational, and legal risks, deliver substantial cost savings and efficiency gains. This project will collect all AMHS asset inventory, with age specific data, derive a basic lifecycle measurement, risk measurements, condition adjustments, service adjustments (usage) and replacement costs for all assets. Lifecycle analysis and condition assessment are key tools to enable engineering and planners to systematically focus on facility and vessel need by priority investment to ensure safety and serviceability of all ferry assets.