

Akutan - Dock Improvements

FY2014 Request: \$1,600,000

Reference No: 56908

AP/AL: Allocation

Project Type: Construction

Category: Transportation

Location: Akutan

House District: Bethel/Aleutians (HD 37)

Impact House District: Bethel/Aleutians (HD 37)

Contact: Pat Kemp

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

Contact Phone: (907)465-3900

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Make necessary improvements to the Akutan public dock ferry terminal that will increase passenger and crew safety, maintain the terminal in good repair and improve the experience for travelers. Work to include: install a new mooring dolphin. Modify, extend and repair bow fenders, dock fenders, and stern fenders. Repair existing fender piles on dock face and mooring bollard attachments to dock. Install new steel or aluminum access walkway and install new elevated mobile platform for pedestrian gangway.

| Funding: | <u>FY2014</u> | <u>FY2015</u> | <u>FY2016</u> | <u>FY2017</u> | <u>FY2018</u> | <u>FY2019</u> | <u>Total</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| Fed Rcpts | \$1,600,000 | | | | | | \$1,600,000 |
| Total: | \$1,600,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$1,600,000 |

| | | | | |
|---|--|---------------------------------------|---|-----------------------------------|
| <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 |
| <u>One-Time Startup:</u> | <u>0</u> | <u>0</u> |
| Totals: | 0 | 0 |

Prior Funding History / Additional Information:

No prior funding history

Project Description/Justification:

The Akutan dock is part of the existing Alaska State Ferry system infrastructure. The current condition of the Akutan public dock ferry terminal risks passenger injury and damage to the state ferry. This project will increase passenger and crew safety, maintain the terminal in good repair, and improve the experience for travelers. With its recent harbor and airport development, Akutan is positioning itself as an increasingly important transportation center, and it's important to keep its dock facilities in good repair so they do not damage the ferry and risk continued service to Akutan. Currently the existing low fender panels at the dock are a danger to ships at high tide. During some high tides, the sponson of the state ferry rises above the top of the fender piling, risking damage to both the ferry and the dock. Existing fenders and piles are in various stages of disrepair. Existing fender piles on the dock face need replacement. Existing rub strip mounting bolts present a hazard to vessel sponsons during mooring. Locations of the bollards on the dock create poor line geometry. With off-dock winds the forward breast line is nearly vertical and does not supply any resistance to the wind, allowing the ferry to be pushed off the dock and creating a wide gap between the ferry and the dock. An additional shoreward dolphin would afford a near 90-degree angle, allowing breast lines to hold the ferry close

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to the dock. Low dock deck height creates too steep of an angle for the ferry passenger gangway. Passengers sometimes must use the vehicle elevator to transfer ashore. The elevation of the dock surface is low (+9.0'). A simple platform could be built so the gangway would be deployed at a shallower angle.