Dock Repairs, Maintenance and Replacement **FY2001 Request: $375,000**
Reference No: 6916

AP/AL: Appropriation
Project Type: Deferred Maintenance
Category: Health/Human Services
Location: King Salmon
Contact: Kevin Brooks
House District: Aleutians (HD 40)
Contact Phone: (907)465-5999
Estimated Project Dates: 07/01/2000 - 06/30/2005

Brief Summary and Statement of Need:
This project will provide for the repair of the department's dock facilities at King Salmon, Petersburg and Cordova. An engineering survey has been performed on two of the three locations.

Funding:	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	Total
Gen Fund	$375,000	$225,000	$225,000				$825,000
Total:	$375,000	$225,000	$225,000	$0	$0	$0	$825,000

☐ State Match Required ☐ One-Time Project ☑ Phased Project ☐ On-Going
0% = 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

Additional Information / Prior Funding History:
Dock upgrades have become a growing part of the department's deferred maintenance backlog. The department has identified deficiences in King Salmon, Cordova, and Petersburg. The extent of these repairs warrants a separate CIP request from the deferred maintenance project for facilities. This request is for initial funding of this project.

Project Description/Justification:
The department has completed engineering surveys at two of its dock facilities in King Salmon and Cordova, and has identified other needed repairs in Petersburg. Total repair costs are in excess of $800.0 for all facilities. This project addresses the structural defficiencies at the King Salmon facility. Future year estimates for this project will address the Cordova and Petersburg facility.

Water facilities at King Salmon support the Departments of Fish and Game and Public Safety in the regulation of the Bristol Bay Sockeye Fishery. This is the largest sockeye fishery in the world and produces an average annual ex-vessel value of more than $160 million. The department's King Salmon complex, including waterfront facilities, was constructed in 1970. A survey performed in September, 1998 by the engineering firm of Peratrovich, Nottingham, & Drage, Inc. detailed the following required repairs.

Virtually all of the timber retaining wall support piles are in poor condition. The top portions of many support piles are rotten to the extent that the supporting deadman anchor rods have pulled through the pile. The retaining wall support is strictly cantilever action of the piles. Potential exists for portions of the retaining wall to fail if over loaded. Eventually the wall will collapse when it can no longer support the soil behind it. Portions of the wall are leaning outward and have shifted enough that soil is spilling through gaps created between the wall planks.

The existing boat ramp is not long enough to allow boats to be launched at low tides. The last seven concrete ramp panels are cracked and broken in several places and are in need of repair/replacement. One of the steel anchor piles has been pushed over by ice floe. Because the pile is no longer vertical, the float connection to the pile has a structurally

inadequate modification to prevent the float from binding as it moves with the tide. Access ramps to the floats are structurally adequate, but are not functional for typical use.

This project will remove the retaining walls and slope the existing grade to the river's edge as has been done at the adjacent Fish & Wildlife complex. The existing float, anchor piles, and access ramp would be removed and new anchor piles, protected within a new seawall of limited area, will support a new ramp and gangway. The existing float will be rehabilitated and reused. Broken planks in the launch ramp will be replaced and the ramp will be extended 10 to 12 feet.