

**Agency: Commerce, Community and Economic Development****Grants to Municipalities (AS 37.05.315)****Grant Recipient: Cordova****Project Title:****Project Type:** Remodel, Reconstruction and Upgrades

# Cordova - Breakwater Extension and Boat Ramp

**State Funding Requested: \$1,400,000****House District: 5 / C**

One-Time Need

**Brief Project Description:**

Feasibility and design work necessary to obtain federal funding for rebuilding 135' of existing breakwater and construction of 165' of new breakwater extension
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**Funding Plan:**

Total Project Cost:	\$5,000,000
Funding Already Secured:	(\$0)
FY2012 State Funding Request:	<u>(\$1,400,000)</u>
Project Deficit:	\$3,600,000

*Funding Details:*

*In 2007, the Denali Commission awarded \$200,000 and signed an agreement with the Corps of Engineers to complete engineering for a breakwater improvement design. This funding request is necessary to now get construction funding at the federal level.*

**Detailed Project Description and Justification:**

The City of Cordova is proposing improvements to the north breakwater at the entrance to the Cordova Small Boat Harbor to provide adequate protection from winter storms.

The Cordova Boat Harbor has problems with northerly storm winds. These problems began during harbor expansion in the 1980s when the south breakwater was realigned to provide for construction of harbor floats and docks. As a result of the realignment, waves generated from north storm winds have a clear path into the harbor thereby rocking floats. Since the expansion, damage has occurred almost yearly to the metal rod structures that hold the concrete floats together and connect finger floats to the main floats. For example, one storm in November of 1990 cost in excess of \$150,000 to repair the float system. Further design issues make repairs of the existing floats difficult or even impossible. In some places, holes have to be cut into metal framing to access the rods. In other places, finger floats that can no longer be attached with rods are tied to the main float with rope.

In a 1996 Breakwater Improvement Study completed by PND, Inc., the recommendation was to place an additional 180' armor rock breakwater extension to the north breakwater stub at the mouth of the harbor to reduce these northerly waves from entering the harbor. In 2007, the Denali Commission awarded \$200,000 dollars and signed an agreement with the US Army Corps of Engineers to complete engineering for a breakwater improvement design to provide additional protection for the Cordova Small Boat Harbor. The design phase of the project has been completed by the USACE. The City is in the process of acquiring funds to complete the construction phase of this project.

The City of Cordova, in consultation with the Corps of Engineers, believes that a total project cost of \$5 million is necessary

to rebuild the existing 135' of breakwater on the north end of the harbor and to also construct 165' of new breakwater extension. A request is being submitted to our federal delegation.

This request of \$1.4 million is the required cost sharing portion in non-federal matching funds. \$500,000 of the match is for a feasibility study/decision document. The remaining \$900,000 is for plans/specs and construction.

**Project Timeline:**

Feasibility and design work would be completed approximately in the 3rd quarter of 2012, with construction to begin in 2013.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

City of Cordova

**Grant Recipient Contact Information:**

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Has this project been through a public review process at the local level and is it a community priority?  Yes  No