

**Infrastructure and Erosion Control Design and Environmental Permitting**

**FY2010 Request: \$500,000**  
**Reference No: 46338**

**AP/AL:** Appropriation

**Project Type:** Climate Change / Erosion

**Category:** Transportation

**Location:** Statewide

**Contact:** Frank Richards

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

**Contact Phone:** (907)465-3900

**Estimated Project Dates:** 07/01/2009 - 06/30/2014

**Brief Summary and Statement of Need:**

The Immediate Action Work Group of the Governor's Climate Change Sub-cabinet met last winter to identify the most immediate needs of the communities at risk from coastal erosion and flooding. Although the information and analysis of these projects is not as far advanced as it could be, the risks of significant damage in these communities warrants proceeding with these projects as quickly as possible. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>Total</u>
Gen Fund	\$500,000						\$500,000
<b>Total:</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" 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>
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

FY2009 - \$600,000.

**Project Description/Justification:**

This funding will allow the Department of Transportation and Public Facilities to begin early project coordination with the effected communities as well as other state and federal agencies. The US Army Corps of Engineers has conducted several studies regarding erosion control structures and other relocation options that the department needs to review and examine. The department also needs to begin to collect available engineering data and identify gaps in data for additional investigations.

Funding will also allow for preliminary engineering investigations to begin so that project development can move ahead in an orderly, timely, and efficient manner. Site surveys, material source investigations, hazard mapping, geotechnical and hydrologic studies, and environmental documentation and permitting studies will all need to be conducted prior to developing erosion protection or relocation design plans. Because all likely project scenarios will involve extensive environmental documentation and permitting, it is critical that the project development process start as early as possible.

Affected communities include: Shishmaref, Kivalina and Unalakleet.