

**Ted Stevens Anchorage International Airport: Lake Hood Bank Stabilization and Land Acquisition**      **FY2010 Request: \$5,263,159**  
**Reference No: 47812**

**AP/AL:** Allocation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Anchorage (Sand Lake)      **Contact:** Christine Klein  
**House District:** Sand Lake (HD 27)      **Contact Phone:** (907)269-0724  
**Estimated Project Dates:** 07/01/2009 - 06/30/2014  
**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

Stabilize the lake bank of Lakes Hood and Spenard in areas experiencing erosion and, in select areas, reclaim some of the land area lost due to erosion. Funds will also be used to purchase privately-owned property around Lake Hood and Lake Spenard. Bank stabilization is needed to prevent the continue erosion of the bank and the associated land loss. The purchase of lake front property will help the airport control the border of the lake and the Federal Aviation Administration (FAA) tower controlled waterway and improve security around the lakes. 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>
Fed Rcpts	\$5,000,000						\$5,000,000
IntAptCons	\$263,159						\$263,159
<b>Total:</b>	<b>\$5,263,159</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,263,159</b>

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" 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

**Additional Information / Prior Funding History:**

None.

**Project Description/Justification:**

The bank stabilization will be a combination of hard and soft surfaces. The bank around the perimeter of Lakes Hood (LHD) and Spenard continues to erode as a result of wind driven waves and the wake from aircraft taking-off, landing, and taxiing. The erosion in several areas has reduced the land area of the floatplane slip to a less than usable size. The eroded material settles to the bottom of the lake in the slip area, requiring frequent dredging and making the slip too shallow to utilize. The erosion may cause safety concerns due to the erosion filling in the lake bottom, which will be a hindrance to taxiing aircraft.

This will be a phased project completed over several years utilizing FAA LHD passenger entitlements and state matching funds. Legislative authority is needed for five years of entitlements as we may contract out four years of work with the initial contract. The two projects are combined in one legislative authority request to enable the LHD passenger entitlements to be used to purchase property in lieu of bank stabilization if property becomes available.