

**Kotzebue - Airport and Runway Safety Area Improvements**      **FY2013 Request:**      **\$4,415,000**  
**Reference No:**      **49130**

**AP/AL:** Allocation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Kotzebue      **House District:** Arctic (HD 40)  
**Impact House District:** Arctic (HD 40)      **Contact:** Steve Hatter  
**Estimated Project Dates:** 07/01/2012 - 06/30/2019      **Contact Phone:** (907)269-0730  
**Appropriation:** Airport Improvement Program

**Brief Summary and Statement of Need:**

This is the third stage of a multi-stage project. This project will expand and improve the runway safety areas, relocate access road and complete other improvements as funding allows.

<b>Funding:</b>	<b>FY2013</b>	<b>FY2014</b>	<b>FY2015</b>	<b>FY2016</b>	<b>FY2017</b>	<b>FY2018</b>	<b>Total</b>
Fed Rcpts	\$4,415,000						\$4,415,000
<b>Total:</b>	<b>\$4,415,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,415,000</b>

<input checked="" 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
5% = 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
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Additional Information / Prior Funding History:**

\$9,500,000 - Ch 5 FSSLA 2011 Sec 1 pg 104 ln 25 (Stage III); \$28,575,000 - Ch 43 SLA 2010 Sec 7 pg 40 ln 13 (Stage I & II).

**Project Description/Justification:**

The 2008 Alaska Pavement Inspection Report for Kotzebue recommended rehabilitation of Runway 9/27, portions of Taxiways C, D, and E, and all of Taxiway F. The average PCI index of the runway is 55.1, and of the taxiways is 58.6. The majority of the runway pavement is 22 years old. The taxiways vary in age from 13 to 32 years. The lighting system is 22 years old and has outlived its useful life. The runway is experiencing local areas of differential settlement, with the more pronounced settlement in the area adjoining Taxiway "E". These areas of differential settlement require reconstruction. The Runway Safety Areas are deficient in length. If the Runway Safety Areas are expanded to the west, it is anticipated that shore protection will be required on the coast to the north.

This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

**Kotzebue - Airport and Runway Safety Area Improvements**      **FY2013 Request:**      **\$12,415,000**  
**Reference No:**      **AMD 49130**

**AP/AL:** Allocation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Kotzebue      **House District:** Arctic (HD 40)  
**Impact House District:** Arctic (HD 40)      **Contact:** Steve Hatter  
**Estimated Project Dates:** 07/01/2012 - 06/30/2019      **Contact Phone:** (907)269-0730  
**Appropriation:** Airport Improvement Program

### Brief Summary and Statement of Need:

This amendment to the FY2013 Governor's capital budget adds \$8,000,000 of federal authority for a new total of \$12,415,000. Additional authority is being requested as a result of a recent notification by the Federal Aviation Administration (FAA) that an additional amount of federal authority had become available for runway safety areas. This is the third stage of a multi-stage project. This project will expand and improve the runway safety areas, relocate access road and complete other improvements as funding allows.

<b>Funding:</b>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>Total</u>
Fed Rcpts	\$12,415,000						\$12,415,000
<b>Total:</b>	<b>\$12,415,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$12,415,000</b>

<input checked="" 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
5% = Minimum State Match % Required	<input checked="" 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
One-Time Startup:	0	
<b>Totals:</b>	<b>0</b>	<b>0</b>

### Additional Information / Prior Funding History:

\$9,500,000 - Ch 5 FSSLA 2011 Sec 1 pg 104 In 25 (Stage III); \$28,575,000 - Ch 43 SLA 2010 Sec 7 pg 40 In 13 (Stage I & II).

### Project Description/Justification:

The 2008 Alaska Pavement Inspection Report for Kotzebue recommended rehabilitation of Runway 9/27, portions of Taxiways C, D, and E, and all of Taxiway F. The average Pavement Compliance Index (PCI) index of the runway is 55.1, and of the taxiways is 58.6. The majority of the runway pavement is 22 years old. The taxiways vary in age from 13 to 32 years. The runway is experiencing local areas of differential settlement, with the more pronounced settlement in the area adjoining Taxiway "E". These areas of differential settlement require reconstruction. The Runway Safety Areas are deficient in length. If the Runway Safety Areas are expanded to the west, it is anticipated that shore protection will be required on the coast to the north.

Construction cost estimates have increased for this project due to an FAA determination that the preferred alternative will require shifting thresholds to the east a distance of 200'. In order to shift the thresholds to the east, the terrain obstructing the glide slope to the east will be removed, adding substantial excavation costs. Also, additional erosion protection and embankment is required for access road construction.

