

**AP/AL:** Allocation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Bethel      **Contact:** Kip Knudson  
**House District:** Bethel (HD 38)      **Contact Phone:** (907)269-0724  
**Estimated Project Dates:** 03/31/2005 - 06/30/2010  
**Appropriation:** Airport Improvement Program (Reg Supl 05)

**Brief Summary and Statement of Need:**

Expand runway 18/36 safety area; rehabilitate south end of runway 18/36 pavement surface; construct parallel runway to the east of runway 18/36; expand old GA apron as a new air taxi/cargo apron; expand the existing north air taxi apron and widen the air taxi access road and cul-de-sac. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage, by improving the mobility of people and goods and by increasing private investment.

<b>Funding:</b>	<b>FY2005</b>	<b>FY2006</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>Total</b>
Fed Rcpts	\$16,000,000						\$16,000,000
<b>Total:</b>	<b>\$16,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,000,000</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
<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:**

FY2005 - \$9,950,000; FY2004 - \$6,600,000.

**Project Description/Justification:**

The Bethel Airport is the fourth busiest airport in Alaska and is only exceeded by Anchorage International for the number of small and commuter enplanements. Since the implementation of CAPSTONE, increasing numbers of small and medium aircraft are using ADS-B (Automatic Dependent Surveillance Broadcast) as an FAA-certified and operationally approved source for radar-like ATC services while under visual flight rules and instrument flight rules. Cargo aircraft operations at Bethel add to the difficulty because they are also operating on IFR flight plans and need the full length of runway. This expansion of IFR landings presents significant new challenges for aircraft safety. A new parallel Runway 18L/36R is recommended in the Bethel Airport Development Re-evaluation. The parallel runway is needed to improve airport safety and capacity. This project is needed in order to address the conflicts between VFR aircraft, airfield maintenance operations, large jet traffic and the increasing number of CAPSTONE equipped IFR aircraft.

The department expects to advertise for the construction contract on May 1, 2005.