

**Northern Region: Snow Removal Equipment****FY2006 Request: \$3,440,000****Reference No: 39130****AP/AL:** Allocation**Project Type:** Equipment**Category:** Transportation**Location:** Statewide**Contact:** Kip Knudson**House District:** Statewide (HD 1-40)**Contact Phone:** (907)269-0724**Estimated Project Dates:** 07/01/2005 - 06/30/2010**Appropriation:** Airport Improvement Program**Brief Summary and Statement of Need:**

Purchase snow removal equipment for airport maintenance operations at various non-primary and primary airports in the Northern Region. The equipment is needed to maintain Northern Region airports in a safe manner during the winter months. Equipment to be purchased includes graders, loaders, dozers, and snowblowers, and/or other necessary snow removal equipment. 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>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>FY2011</u>	<u>Total</u>
Fed Rcpts	\$3,440,000						\$3,440,000
<b>Total:</b>	<b>\$3,440,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,440,000</b>

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" 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 - \$655,000; FY2004 - \$1,520,000.

**Project Description/Justification:**

Purchase snow removal equipment at various Primary and Non-primary Northern Region airports, including the following:

**Cordova Airport Loader:** Replace loader #8513 at the Cordova Airport with a newer model. The Cordova Airport loader (vehicle #8513) is over 17 years old and past its replacement date. With over 6456 hours, it is nearing the end of its useful life.

**Deering Airport Loader with U Blade:** Replace the Deering dozer (vehicle #30604) with a loader with U blade to more effectively clear snow from the runway. The Deering Airport is situated on a hill and is often kept clear by the wind, the snow drifting from the airport is often deposited on the airport access road (the sole means of accessing the facility). A U-blade loader will be an effective snow removal tool, one that is particularly needed given the ongoing Deering rehabilitation project, which will result in more surface area to maintain.

**Golovin Airport Loader:** Purchase a new loader for the Golovin Airport to conduct snow removal operations. The Golovin Airport is located on the coast of western Alaska. Currently Golovin only has a grader for snow removal. There are times that high winds cause excessive drifting and a loader would be a better tool to address these deposits. A new loader is needed at Golovin to adequately conduct snow removal operations.

**Barrow Wiley Post/Will Rogers Memorial Airport Pickup Truck:** Purchase a new 1 ton pickup truck and attachment for the State of Alaska Capital Project Summary Department of Transportation and Public Facilities  
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Barrow Airport to support the runway broom operation. This purchase will replace vehicle #30732. A vehicle with a short wheel base is needed to turn the Barrow runway broom at the ends of the runway during routine snow sweeping. The best vehicle for this job is a one ton pickup truck with a broom attachment.

Gulkana Airport Loader with U Blade: Acquire a new loader with 14-foot U Blade for the Gulkana Airport. The Gulkana Airport is in need of an additional loader. Currently there is one highway-funded loader and a grader at Gulkana. The other loader and grader that were formerly stationed at Gulkana were moved to McCarthy. Gulkana Airport is an important regional class airport within the Copper Basin area, with service to communities such as McCarthy and May Creek. At 5000' x 100', it has significant surface area from which to clear snow. If a new loader is purchased M&O will move the highway-funded loader currently stationed at Gulkana back to Tazlina where it will serve highway maintenance operations.

Chicken Airport Grader: Replace the Chicken Airport grader (Vehicle #0999) with a new grader with snow wing and front plow. The Chicken Airport grader is an old highway grader that has serviced the airport for the past 16 years, since 1988. A new grader will ensure continued maintenance of the Chicken Airport during the winter months.

Chitina Airport loader: Purchase a loader for the Chitina Airport. Currently this airport is maintained with highway equipment from the nearby highway station. A SREB (Snow Removal Equipment Building) was built at Chitina Airport in 2000. There is no equipment in the SREB with which to maintain the airport. M&O has been "borrowing" from their highway equipment fleet, but this equipment is not always available, as it is not dedicated to the airport. Dedicated snow removal equipment is needed to maintain the Chitina Airport in safe operating condition.

Kotzebue Airport 8 CY Dump Truck: Replace vehicle #7720, an 8 cubic yard dump truck, with a new model. Both Kotzebue Airport 8 CY dump trucks, which are used for snow removal operations, are aging and in need of replacement.

Barrow Wiley Post/Will Rogers Memorial Airport Dump Truck: Replace vehicle #3126 (1979 white dump truck) with a new 8 CY dump truck. Both dump trucks (used for snow removal) at the Kotzebue airport are aging and in need of replacement.

Nome Airport sander: Replace the Nome Airport's sander (vehicle component #1723) with a newer model. The Nome Airport truck mounted sander is still currently functional, although corrosion is an issue.

Valdez Airport Rotary Snow Blower: Purchase a rotary blower for the Valdez Airport. The new equipment will replace vehicle #31901. The 1995 Oshkosh snow blower located at this facility is expensive to maintain; however, it will be backup for the new unit.

Other snow removal equipment and attachments may be added to this request as needs are identified and funding allows.