

Statewide Anti-icing Program**FY2011 Request: \$150,000****Reference No: 41394****AP/AL:** Allocation**Project Type:** Life / Health / Safety**Category:** Transportation**Location:** Statewide**Contact:** Frank Richards**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-3900**Estimated Project Dates:** 07/01/2010 - 06/30/2015**Appropriation:** Highways and Facilities**Brief Summary and Statement of Need:**

Funding to continue the expanded use of anti-icing chemicals statewide. This funding would be used to purchase storage and application 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.

Funding:	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>Total</u>
Gen Fund	\$150,000						\$150,000
Total:	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

<input 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
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
One-Time Startup:	0	0
Totals:	0	0

Additional Information / Prior Funding History:

FY2009 - \$500,000.

Project Description/Justification:

Funding to continue the expanded use of anti-icing chemicals statewide. Alaska is experiencing more icing conditions in our northern climes as the freeze-up period (fall to winter) and the spring break-up period (winter to spring) are getting longer. Historically, the transition occurred over a couple of weeks, but now the shoulder season, between fall and winter and winter to spring, is lasting several weeks.

Funding will also be used to convert existing anti-icing programs, primarily in Southeast Region, that currently utilize magnesium chloride. These stations will convert to using a sodium chloride brine system which should reduce yearly anti-icing costs by more than 50%. This is in line with the national trend in highway maintenance to switch from the costly use of magnesium chloride to salt brine for anti-icing as a significant cost savings measure.

Storage tanks, piping, and additional applicator equipment is needed to dispense the liquid agents. Funding will also be used to replace and upgrade existing tanks in Southeast Region. This funding would be used in all the regions to gear up and purchase product.