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:	FY2011	FY2012	FY2013	FY2014	FY2015	FY2016	Total
Gen Fund	$150,000	$500,000	$500,000	$500,000	$500,000	$500,000	$2,650,000
Total:	$150,000	$500,000	$500,000	$500,000	$500,000	$500,000	$2,650,000

☐ State Match Required ☐ One-Time Project ☐ Phased - new ☐ Phased - underway ☑ On-Going
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	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.