

Statewide: National Highway System and Non-National Highway System Anti-icing Program **FY2005 Request: \$400,000**
Reference No: 40319

AP/AL: Allocation **Project Type:** Construction
Category: Transportation
Location: Statewide **Contact:** John MacKinnon
House District: Statewide (HD 1-40) **Contact Phone:** (907)465-6973
Estimated Project Dates: 03/31/2005 - 06/30/2009
Appropriation: Surface Transportation Program (Reg Supl)

Brief Summary and Statement of Need:

Deploy anti-icing equipment, storage and product statewide. 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>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>	<u>Total</u>
Fed Rcpts	\$400,000						\$400,000
Total:	\$400,000	\$0	\$0	\$0	\$0	\$0	\$400,000

<input checked="" type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> On-Going
9% = 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	
Totals:	0	0

Additional Information / Prior Funding History:

None.

Project Description/Justification:

The science of snow and ice control has evolved from reactive methodologies to a pro-active approach that utilizes advances in meteorology and forecasting so informed, timely decisions can be made about the application of chemicals that will prevent ice and snow from binding to highway/ road surfaces. Application of the chemicals in advance of a storm prevents the binding of snow and ice to the road surface. This results in more effective plowing during storms and cleanup after the storm with a corresponding reduction in the time needed to regain bare wheel lanes or the entire pavement.

Over the last 6 years, the department has built an anti-icing program in SE Alaska and in certain areas of Anchorage. This has been done using the General Fund operating budget with no additional funding. The use of anti-icing chemicals has proven to be very effective and has resulted in a reduction of the use of friction agents, such as sand and gravel.

The traveling public continually voices concern over icy roadways. The public wants ice-free roads wherever possible. This project will use Federal Highway Administration (FHWA) funds to procure storage tanks, application equipment and anti-icing chemicals. Anti-icing systems will be deployed in areas that currently do not have anti-icing efforts such as the Matanuska/Susitna areas, Kenai Peninsula, Fairbanks and areas of Interior Alaska. This will allow a higher level of service to the traveling public.