

**AP/AL:** Allocation      **Project Type:** Construction  
**Category:** Transportation  
**Location:** Statewide      **Contact:** Frank Richards  
**House District:** Statewide (HD 1-40)      **Contact Phone:** (907)465-3900  
**Estimated Project Dates:** 07/01/2008 - 06/30/2013  
**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

Operations and maintenance of Intelligent Transportation Systems (ITS) that are part of the Alaska IWAYS Architecture Implementation Plan. Project includes advanced technology for snow and ice removal, multi-modal information connections, traveler communications, internal operations and commercial vehicle operations. 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>	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
Fed Rcpts	\$500,000	\$750,000	\$750,000	\$750,000	\$750,000	\$750,000	\$4,250,000
<b>Total:</b>	<b>\$500,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$750,000</b>	<b>\$4,250,000</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
20% = 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:**

FY2008 - \$750,000; FY2007 - \$750,000; FY2006 - \$600,000; FY2005 - \$600,000; FY2004 - \$1,400,000.

**Project Description/Justification:**

The Alaska Department of Transportation and Public Facilities has initiated several Intelligent Transportation Systems (ITS) statewide which includes: Alaska Travel Information System, Road Weather Information Systems, Land Mobile Radio Communications, Intelligent Specialty Vehicle System, Maintenance Management System, Commercial Vehicle Information System Network, and other systems defined as ITS in the Alaska IWAYS Architecture Implementation Plan (AI2).

This project provides for operations and maintenance, as well as for full deployment of some of these ITS projects as defined in the AI2. Ongoing maintenance and operations of these systems are critical to the success of the Department's Iways program. The Road Weather Information Systems (RWIS) is an ongoing project of deploying road weather towers along major highways used by Maintenance and Operations to make management decisions. The Department needs funding to complete deployment of 31 sites statewide, deploy additional RWIS sites in critical areas and provide ongoing maintenance and operations.

The Alaska Traveler Information System (ATIS) implements the Condition Acquisition and Reporting System/511 (CARS/511). CARS/511 provides the capability to share travel information both internally and to the public as a means to communicate events on the Alaska transportation network. CARS/511 is an internet, map-based software used by the Department and partnering agencies to enter transportation related information, i.e., road conditions, construction, delays,

**Statewide: Intelligent Transportation Systems Operations  
and Maintenance (IWAYS)**

**FY2009 Request: \$500,000**  
**Reference No: 38498**

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closures, major accidents, ferry tracking, and road weather information systems. The information is made available to the public by dialing 5-1-1 anywhere in the state or accessing 511.Alaska.gov on the web.