

**Statewide: Intelligent Transportation Systems
Implementation Plan (IWAYS)**

FY2010 Request: \$1,500,000
Reference No: 40373

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: 07/01/2009 - 06/30/2014

Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:

Design and construct projects that are part of the Alaska IWAYS Architecture Implementation. Program areas include snow and ice removal, multi-modal information connections, traveler communications, internal operations, commercial vehicle operations and traveler safety and infrastructure security. 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:	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015	Total
Fed Rcpts	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$9,000,000
Total:	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$9,000,000

<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
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:

FY2009 - \$1,500,000; FY2008 - \$1,500,000; FY2007 - \$1,500,000; FY2006 - \$2,000,000; FY2005 - \$1,350,000 Supplemental; FY2004 - \$1,400,000; FY2003 - \$1,300,000.

Project Description/Justification:

The Alaska Department of Transportation and Public Facilities, through cooperation with local, regional, and state agencies, initiated a statewide ITS (Information Technology System) implementation plan, more commonly known as the Alaska IWAYS Architecture Implementation (AI2). AI2 sets forth a coordinated approach to improve transportation system efficiency and inter-agency communication through the effective deployment of ITS technologies in Alaska. AI2 was developed using nationally accepted guidelines (National ITS Architecture) and an approach that takes into consideration ITS activities that have occurred throughout the United States.

To meet the transportation user needs, AI2 focuses on six program areas where intelligent transportation project deployment can provide the greatest benefits: commercial vehicle operations, multi-modal information connection, internal operations, traveler safety and infrastructure security, traveler communications, and snow and ice control. AI2 addresses the needs within each of the six program areas and maps them to the broader National ITS Architecture to clearly show how each of those needs can be met.