

**Statewide: Intelligent Transportation Systems Operations and Maintenance (IWAYS)**      **FY2007 Request: \$750,000**  
**Reference No: 38498**

**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:** 07/01/2006 - 06/30/2011  
**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 & 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> | <u>FY2007</u>    | <u>FY2008</u> | <u>FY2009</u> | <u>FY2010</u> | <u>FY2011</u> | <u>FY2012</u> | <u>Total</u>     |
|-----------------|------------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Fed Rcpts       | \$750,000        |               |               |               |               |               | \$750,000        |
| <b>Total:</b>   | <b>\$750,000</b> | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$0</b>    | <b>\$750,000</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            |
| One-Time Startup:    | 0             | 0            |
| <b>Totals:</b>       | <b>0</b>      | <b>0</b>     |

**Additional Information / Prior Funding History:**

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

**Project Description/Justification:**

The Alaska Department of Transportation & 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 & 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 & 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 ADOT&PF and partnering agencies to enter transportation related information i.e. road conditions, construction, delays, 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.

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