

**Road Weather Information System (RWIS) Deployment****FY2007 Request:****\$540,000****Reference No:****41535****AP/AL:** Allocation**Project Type:** Information Systems**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:**

The Road Weather Information System (RWIS) network is a collection of environmental sensor stations (ESS) strategically located along major roadways. Each station has weather sensors that collect atmospheric, pavement conditions, sub-pavement temperatures, and images to display the roadway conditions. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage.

<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	\$540,000						\$540,000
<b>Total:</b>	<b>\$540,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$540,000</b>

<input 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
0% = 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:**

ITS Implementation and ITS Operations and Maintenance

**Project Description/Justification:**

ADOT&PF Maintenance & Operations use the RWIS information to make winter maintenance decisions such as snow plowing and deicing activities. The RWIS system provides information to improve the safety and efficiency of travel. RWIS data are available internally through ScanWeb and externally to the public via the ADOT&PF public RWIS web site and through the new 511 system. RWIS data are also transferred to the National Weather Service and the military.

Forty sites have been or will be deployed as part of the FY2004, FY2005, and FY2006 IT plans. Four new sites are planned for FY2007 unless priorities change due to support for the Alaska pipeline and other strategic transportation corridors. The site selection process will be in the winter of 2005/2006.