

**Statewide: Maintenance Management System****FY2004 Request: \$510,000****Reference No: 35917****AP/AL:** Allocation**Project Type:** Information Systems**Category:** Transportation**Location:** Statewide**Contact:** Nancy Slagle**House District:** Statewide (HD 1-40)**Contact Phone:** (907)465-3911**Estimated Project Dates:** 07/01/2003 - 06/30/2008**Appropriation:** Surface Transportation Program**Brief Summary and Statement of Need:**

To provide the Department with a tool to comply with Government Accounting Standards Board Statement Number 34 (GASB 34) reporting requirements for transportation infrastructure. GASB 34 requires documentation of maintenance and preservation activities on Alaska's highways, airports, and ports and identification of the systems' overall condition and level of service provided. Alaska must begin providing transportation asset expenditures and condition assessments on the State's annual financial statements beginning in 2003.

<b>Funding:</b>	<u>FY2004</u>	<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	<u>FY2008</u>	<u>FY2009</u>	<u>Total</u>
Fed Rcpts	\$510,000						\$510,000
<b>Total:</b>	\$510,000	\$0	\$0	\$0	\$0	\$0	\$510,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input checked="" type="checkbox"/> Phased Project	<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
<u>One-Time Startup:</u>	0	
<b>Totals:</b>	0	0

**Additional Information / Prior Funding History:**

FY2003 - \$1,670,000.

**Project Description/Justification:**

This project has been previously approved by TIC/TAC. It is a continuation of the implementation of the department's Maintenance Management System (MMS). Funding will provide for collection of field data for feature inventory and feature condition assessment. This data is the core information needed to effectively use MMS and efficiently run the Highway and Aviation maintenance sections.

The project will provide DOT&PF with a tool to comply with Government Accounting Standards Board Statement Number 34 (GASB 34) reporting requirements for transportation infrastructure. GASB 34 requires documentation of maintenance and preservation activities on Alaska's highways, airports, and ports and identification of the systems' overall condition and level of service provided. Alaska must begin providing transportation asset expenditures and condition assessments on the State's annual financial statements beginning in 2003. States that do not comply with GASB 34 reporting requirements could see their bond ratings lowered by the financial markets. Lower bond ratings will result in higher interest costs for the State and adversely affect future bond packages.

By purchasing a Maintenance Management System (specifically designed for linear transportation assets like highways and bridges), designing new modules for feature inventory and condition assessment of state assets, installation on the State server, training of M&O personnel, deployment of a system to all department maintenance stations, and purchase of follow on technical support, the department will be able to comply with GASB 34. The maintenance management system will track linear features like roads, airports, ports and bridges. The system will report the assets by latitude and longitude

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and allow sharing of the Geographical Information System mapping of the asset with the public via the internet. DOT&PF completed a feasibility study to decide the proper approach for selection of a maintenance management system. The outcome of that effort was to focus on acquiring a system that was designed specifically for linear assets as compared to other commercial maintenance management software that are designed for manufacturing, warehouse or equipment assets. This will allow for rapid deployment to meet the aggressive schedule to comply with GASB 34.

Project cost:	Capital:			Annual O&M costs or savings
	Prior Years:	FY 2003:	FY 2004:	
General Funds				
General Fund Match	\$ 117,390	\$ 165,275	\$ 46,362	
General Fund Program Receipts				
I/A Receipts (dept. and fund source)				
Other Funds (name and fund number)				
Federal Funds	\$ 1,182,610	\$ 1,665,456	\$ 508,134	
<b>Total</b>	<b>\$ 1,300,000</b>	<b>\$ 1,830,731</b>	<b>\$ 554,496</b>	

This is an enhancement to existing department capabilities. Most of the cost will be data capture and correction by department employees. A portion of the cost will be for annual service agreements. The three Analyst/Programmers will support the three Regions providing database table updates and user support for the MMS. The Project Manager will continue to manage the contract and support statewide system deployment.

**Operating Cost**

- Feature Inventory Data Collection \$ 175,000
  - Condition Assessment survey 50,000
  - MMS Upgrade and Service Agreement 30,000
  - MMS Project Manager 88,600
  - 3 ea. Analyst/Programmers II Step A 169,822
  - ICAP 8% Fee 41,074
- TOTAL \$ 554,496**

By more accurate tracking of level of service including commodities, equipment, and personnel cost, the department will be able to present to the public and the legislature more clearly the cost of providing safe roads and airports. It will allow for more consistent and reliable flow of accurate information to the legislature.

There should be no out-year that are not eligible for federal funding, i.e. data collection.

Denial of funding for the project will require the department to collect data using limited general funds, which would slow the collection effort, reduce operational efficiency and make it difficult to comply with GASB 34 reporting requirements.