

**Highway Performance Monitoring System (HPMS) Reporting**

**FY2016 Request: \$300,000**  
**Reference No: 54322**

**AP/AL:** Allocation **Project Type:** Construction  
**Category:** Transportation  
**Location:** Statewide **House District:** Statewide (HD 1-40)  
**Impact House District:** Statewide (HD 1-40) **Contact:** Jeff Ottesen  
**Estimated Project Dates:** 07/01/2015 - 06/30/2020 **Contact Phone:** (907)465-4070  
**Appropriation:** Surface Transportation Program

**Brief Summary and Statement of Need:**

The Highway Performance Monitoring System (HPMS) is the Federal Highway Administration (FHWA) official source of data on the pavement condition, traffic volume and the reporting characteristics of the national highways. Each state is required to prepare and submit the HPMS data using software provided by FHWA. The HPMS data is used in the Federal-Aid Highway Program apportionment formula (23 CFR 420). Both FHWA and the State are moving to geospatial reporting of the highway mileage, use (traffic volume) and condition data. This project will fund the transition from the current state mainframe production system known as the Highway Analysis System (HAS) and various other data sources to a geospatial solution.

<b>Funding:</b>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>Total</u>
Fed Rcpts	\$300,000	\$300,000	\$300,000	\$300,000			\$1,200,000
<b>Total:</b>	\$300,000	\$300,000	\$300,000	\$300,000	\$0	\$0	\$1,200,000

<input checked="" type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input checked="" type="checkbox"/> Phased - underway	<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

**Prior Funding History / Additional Information:**  
 Sec1 Ch17 SLA2012 P145 L33 SB160 \$1,200,000

**Project Description/Justification:**

The HPMS reporting project is to develop an Alaska solution to meet all aspects of the FHWA reporting requirements for the National Highway Performance Monitoring System (HPMS) Database. The project will develop a production solution using the Department's geospatial road network, Traffic Monitoring System for Highways and other state systems such as the Pavement Management System (PMS). This project entails following the FHWA systems engineering analysis that will result in replacing the State's legacy HPMS program suite and manual data processes.