Statewide - Geographic Information System Enabled Traffic Monitoring System - Highways

FY2014 Request: **$2,000,000**
Reference No: **56907**

AP/AL: Allocation
Project Type: Construction
Category: Transportation
Location: Statewide
House District: Statewide (HD 1-40)
Impact House District: Statewide (HD 1-40)
Contact: Pat Kemp
Estimated Project Dates: 07/01/2013 - 06/30/2018
Contact Phone: (907)465-3900
Appropriation: Surface Transportation Program

Brief Summary and Statement of Need:
This project deploys the new Traffic Monitoring System/Highways described in the Traffic Data System Transition Plan Concept of Operations (March 2012) and the subsequent User Requirements that will be developed. This project also develops the components of the Roadway Data System (RDS) that are necessary for traffic data management and TDS operation. The project includes transition planning, data management strategies, contractual services, personnel services, software/hardware procurement, integration with the Spatially Integrated Roadway Information System (SIRIS), and a user portal for traffic data processing, traffic data management, data access, queries, and value-added safety analysis.

Funding:	FY2014	FY2015	FY2016	FY2017	FY2018	FY2019	Total
Fed Rcpts	$2,000,000						$2,000,000
Total:	$2,000,000	$0	$0	$0	$0	$0	$2,000,000

☐ State Match Required ☑ One-Time Project ☐ Phased - new ☐ Phased - underway ☐ On-Going
0% = Minimum State Match % Required ☐ Amendment ☐ Mental Health Bill

Operating & Maintenance Costs:

	Amount	Staff
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

Prior Funding History / Additional Information:

No prior funding history

Project Description/Justification:
The new Traffic Monitoring System for Highways will replace the existing legacy transportation database, the Highway Analysis System, with a new system that is integrated with the Department's geographic information system (GIS) and the spatial road centerline network. The new Traffic Monitoring System/Highways will provide for automated traffic data processing, linkage to other transportation information, and traffic analysis in a spatial environment. The new Traffic Monitoring System/Highways will significantly improve the timeliness, accuracy, completeness, consistency, and accessibility of traffic data for highway planning, design, construction, maintenance, project selection, and highway safety. The new Traffic Monitoring System/Highways will provide enhanced support for meeting the Federal Highway Performance Monitoring System (HPMS) requirements for highway condition, performance, and use.