Statewide - Geographic Information System Enabled Highway Crash System	**FY2014 Request:**	**$2,000,000**
	Reference No:	**56906**

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 CRASH (Crash Reporting and Analysis for Safer Highways) described in the Crash Data System Transition Plan Concept of Operations (March 2012) and the subsequent User Requirements that are being developed. This project also develops the components of the Roadway Data System (RDS) that are necessary for data management and CRASH system 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 crash data processing, crash 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 Crash Reporting and Analysis for Safer Highways (CRASH) System will replace the legacy transportation crash 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 CRASH System will provide for automated crash report processing, linkage to law enforcement electronic crash reports, and crash analysis in a spatial environment. The new CRASH System will significantly improve the timeliness, accuracy, completeness, consistency, and accessibility of crash data for project selection, injury prevention, emergency medical services, law enforcement scheduling, highway project selection, injury prevention, and highway safety. The new CRASH System will provide enhanced support in meeting the State and Federal requirements for the Highway Safety Improvement Program (HSIP), the Strategic Traffic Safety Plan (STSP), and the State of Alaska Safety Corridor program.