

<b>Highway Analysis System - Geographic Information System (HAS-GIS) Interface</b>	<b>FY2009 Request:</b>	<b>\$287,750</b>
	<b>Reference No:</b>	<b>41539</b>

<b>AP/AL:</b> Allocation <b>Category:</b> Transportation <b>Location:</b> Statewide <b>House District:</b> Statewide (HD 1-40) <b>Estimated Project Dates:</b> 07/01/2008 - 06/30/2013 <b>Appropriation:</b> Surface Transportation Program	<b>Project Type:</b> Information Systems  <b>Contact:</b> Frank Richards <b>Contact Phone:</b> (907)465-3900
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**Brief Summary and Statement of Need:**  
 This project develops the Highway Analysis System - Geographic Information System (HAS-GIS) concept of operations, systems architecture, and long-term systems deployment. Project work includes road centerline/inventory data collection and processing, business process development (data quality, linear reference system, highway data warehouse, HAS-GIS Interface), a spatial geodatabase, GIS software, network systems, GIS tools, a highway data warehouse, training, and technical support. This project contributes to the Department's Mission by reducing injuries, fatalities and property damage and by improving the mobility of people and goods.

<b>Funding:</b>	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	Total
Fed Rcpts	\$287,750						\$287,750
Total:	\$287,750	\$0	\$0	\$0	\$0	\$0	\$287,750

<input 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
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

<b>Operating &amp; Maintenance Costs:</b>	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	
Totals:	0	0

**Additional Information / Prior Funding History:**  
 FY2008 - \$831,000; FY2007 - \$300,000; FY2005 - \$700,000; FY2004 - \$750,000.

**Project Description/Justification:**  
 This project will integrate existing data contained within the Department’s Highway Analysis System (HAS) and other external data with new visual capabilities of a Geographic Information System (GIS). This allows multiple data layers (types of data like roads, bridges and other assets) to be viewed in a visual map-like manner instead of in the traditional column/row textual view of the data. The HAS-GIS Interface will provide improved data quality, faster data analysis, and a more easily understood presentation. This information can be accessed via the internet for both internal users and the public.