

**Request for Research Funding for FY 2020-2021**

<b>Requesting Office</b>	Planning - Forecasting and Trends Office	<b>Priority</b>	4 of 8
<b>Proposed Title</b>	Focused Law Enforcement Survey Design		
<b>Justification</b>	<p>Traffic enforcement units across the state have the best perspective of where the crashes are happening, why crashes are happening, the contributing causes, types of vehicles and people involved, and perhaps insight into how future crashes can be avoided.</p> <p>Research is proposed to design and conduct a targeted survey of law enforcement agencies and traffic units across the state that asks questions that gets to the what, where, why and when of traffic crashes. This survey would ask for their perspective and opinion on crash avoidance, needed resources, where to deploy enforcement or technology aides and other crafted questions that can gain first-hand insight into ways to reduce crashes and the injuries and fatalities that come from them.</p> <p>This survey will be designed and administered from one of Florida's research universities or consultant companies with collaboration and support from organizations like the Florida Sheriff's Association, Florida Police Chiefs Association, and the Florida Department of Transportation. This research project would benefit from these key collaborations in optimizing response rate and to be statistically valid on a regional/county level.</p>		
<b>Impact</b>	<p>Survey results will support traffic engineering solutions; inform traffic operations, maintenance and other programs on better ways to design, construct or maintain roadways; assist enforcement agencies on better resource deployment; and transportation planners to better integrate safety into transportation decision-making. The Florida Highway Patrol has endorsed this project as a valuable tool in deploying safety resources for reducing traffic crashes. Additionally, the FDOT State Safety Office can leverage the results of this survey with Florida's safety coalitions.</p>		
<b>Affected Offices</b>	<p>The implementing office will be FDOT Forecasting and Trends Office, with Brian Watts as project manager. The FDOT State Safety Office, Melissa Gonzalez, will assist in survey design and scope development along with a representative from the Florida Highway Patrol.</p>		
<b>Existing Work</b>	<p>A literature search was performed with no relevant work found.</p>		
<b>Keywords Used In Existing Work Search</b> <b>(Cannot leave blank)</b>	<p>Safety, data sharing, cloud, databases, motor vehicle registrations, crash data,</p>		
<b>Related Contracts (Give contract numbers)</b>			
<b>Funding Request</b>	\$150,000	<b>Anticipated Duration</b>	2 years
<b>Project Manager</b>	Brian Watts	<b>Contracting Method</b>	Anticipated procurement method RFP to all registered vendors
<b>Urgency</b>	Score 1	<p>Comments* This project is squarely aligned with the secretary's vital few. This research project will identify causes of traffic crashes from those closest to the crash event - law enforcement. Their perspective on causes of traffic crashes can guide many of the programs at the FDOT, FHP and other Florida law enforcement traffic units.</p>	
<b>Implementability</b>	Score 1	<p>Comments* This research will develop the methodology and design a targeted survey of Florida's law enforcement traffic units in the first year then administer the survey and analyze the results in the second year.</p>	

**Project Benefits (Succinct, complete explanation)**

Results from this survey can help support traffic engineering solutions; inform traffic operations, maintenance and other programs on better ways to design, construct or maintain roadways; assist enforcement agencies on better resource deployment; and transportation planners to better integrate safety into transportation decision-making.

<b>Project Benefits (Select all that apply and explain)</b>	<b>Quantifiable Benefits (units, dollars, etc...if applicable)</b>	<b>Methodology or Data Sources Used to Determine Quantifiable Benefits. If not applicable, please give justification of project benefits</b>
<input type="radio"/> Materials Enhancement		
<input type="radio"/> Materials Savings		
<input type="radio"/> Time Savings		
<input type="radio"/> Lives Saved/Injuries Prevented	Great potential in reducing traffic crashes throughout the state	Gaining insight into the causes of traffic crashes around the state from the very people who respond to these crashes can help Florida's law enforcement traffic units, the FDOT safety office, and FDOT programs in developing engineering solutions and safety programs to reduce these crashes.
<input type="radio"/> Other (Explain)		

\*Comments should explain and support urgency, financial benefit, and implementability scores