Request for Research Funding for FY 2020-2021			
Requesting Office	Planning - Systems Implementation Office	**Priority**	8 of 8
Proposed Title	Crashes related to types of driveway access		
Justification	Much of access management involves managing traffic movements into and out of commercial driveways. Commercial driveways generate a large volume of traffic and resulting crashes on major roads and streets. A comparison of driveway type (right in right out and full access) with number and type of crashes has not been study to determine how the design, spacing, speed, location of the side walk contributes to the Bicycle, Pedestrian and vehicle crashes in relation to access management. This research can support changes to the access management guidance provided to the Districts for permit applications.		
Impact	This research can support changes to the access management guidance provided to the Districts for permit applications		
Affected Offices	Systems Implementation Office, Gina Bonyani, Jenna Bowman, PE Safety Office Roadway Design Office		
Existing Work	Learning About and Using the Research in Progress (RiP) Database http://www.trb.org/main/blurbs/176215.aspx As a minimum, the Transportation Research International Documentation (TRID) and the Research in Progress (RIP) online databases should be reviewed by an expert in the research subject matter to assure research effort and resources shall not duplicate prior or ongoing work. TRID: https://trid.trb.org/Results RIP: https://rip.trb.org/		
Keywords Used In Existing Work Search **(Cannot leave blank)**	Access Management, Safety, Crashes, Bicycle, Pedestrian, Driveway Access		
Related Contracts (Give contract numbers)			
Funding Request	Estimated cost $200,000	**Anticipated Duration**	18 months
Project Manager	Gina Bonyani	**Contracting Method**	RFP to all registered vendors
Urgency	3	The research is desired for enhancement of guidance to be provided to reduce the number of crashes.	
Implementability	2	Guidance can be updated to provide new standards, with training provided as well. We are unsure at this time what the results of the research would provide.	

Project Benefits (Succinct, complete explanation)

The recommendation from this research will be incorporated in to access management guidelines which are intended to assist FDOT, local governments and other interested entities in the creation and redevelopment of pedestrian areas and corridors throughout the State of Florida. Benefit of this research will for in to planning decisions to achieve a significant reduction in fatalities and serious injuries on all public roads. Safe and efficient facilities will serve people who travel on foot or in wheelchairs including those that have little transportation choice and encourage people to walk rather than drive a private vehicle.

Project Benefits **(Select all that apply and explain)**	**Quantifiable Benefits (units, dollars, etc…if applicable)**	**Methodology or Data Sources Used to Determine Quantifiable Benefits. If not applicable, please give justification of project benefits**
o Materials Enhancement		
o Materials Savings		
o Time Savings		
o Lives Saved/Injuries Prevented		Better design of driveway access to prevent conflict with pedestrians and through vehicles would result in a reduction of crashes. Number, type and severity would determine the cost savings.
o Other (Explain)		

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