

Request for Research Funding for FY 2020-2021

Requesting Office	Planning - Systems Implementation Office	Priority	7 of 8
Proposed Title	Crashes related to driveway access in the vicinity of interchanges		
Justification	<p>Access management refers to the design, implementation and management of entry and exit points between roadways and adjacent properties. The entry and exit points can be managed by careful planning regarding their location, the types of turning movements allowed.</p> <p>Developing and implementing effective access management strategies in the vicinity of interchanges that promote or improve safety requires considering the location of driveways in the context of current and future access needs, current and future roadway operations, and mobility for pedestrians and bicyclists.</p> <p>This research can support changes to the access management guidance provided to the Districts for permit applications.</p>		
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, Interchange		
Related Contracts (Give contract numbers)			
Funding Request	\$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) Adequate Spacing between Driveways in the vicinity of interchanges is very important. 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
<input type="radio"/> Materials Enhancement		
<input type="radio"/> Materials Savings		
<input type="radio"/> Time Savings		
<input type="radio"/> 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.
<input type="radio"/> Other (Explain)		

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