	3. Florida Department of	f Transportation (FDO	T), 2024. Context Classification Guide. URL:	
	https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/roadway/completestreets/files/fdot-context-			
	<u>classification.pdf?stvrsn=12be90da_6</u> , (Accessed 11/15/2024).			
	4. Fionda Department of Transportation (FDOT), 2024. Manual on intersection Control Evaluation. OKL.			
	2025/fdot-ice-manual	-2025_11-15-2024.pd	f?sfvrsn=37b4c4a4_5 (Accessed 11/16/2024).	
Truccat	The research will enhance the prediction models from NCI	arch will enhance the existing practice by allowing FDOT to easily incorporate the pedestrian and bicycle crash on models from NCHRP 17-84 in its ICE procedure and other safety-related programs.		
Impact	The methodology developed under NCHRP 17-84 is likely to be reflected in HSM2. Without this research effort, FDOT will not be prepared enough to implement the pedestrian and bicycle safety performance functions suggested by HSM2 into FDOT's practice.			
Affected Offices/ Districts	State Traffic Engineering and Operations Office, State Safety Office			
	A search in the RIP database resulted in several active projects related to pedestrian safety such as:			
	1. Assessing the Multi-Modal Safety Performance of Turn Lanes [NCHRP 07-28(02)]- this research will develop SPFs and CMFs for turn lanes at intersections.			
	2. Speed Management Strategies to Improve Pedestrian and Bicyclist Safety on Arterials and Higher-Speed Roadways [NCHRP 17-111]			
	 Enhancing Crash Modification Factors and Safety Performance Functions for Pedestrian and Bicyclist Countermeasures [NCHRP 17-112]-this project will enhance NCHRP Project 17-84 focusing on the benefits of 			
Existing Work	countermeasures. 4 Evaluation of Promising Countermeasures and Innovative Techniques on speed Management to Improve Peder			
	and Bicycle Safety [FD speed management usin	DOT]—this project ain ng speed safety camera	as and traffic signal progression to deter speeding.	
	However, none of these proj customizing its models for F	jects is focusing on str Florida.	eamlining the data requirement of NCHRP project 17-84 or	
	Similarly, a search query was made in the TRID database with the keyword "pedestrian safety performance", but no overlapping publication was found.			
Keywords Used In				
Existing Work Search	Pedestrian Safety, Pedestrian Safety Performance			
(Cannot leave blank)				
Related Contracts (Give contract numbers)	N/A			
Funding Request	\$200,000	Anticipated Duration	24 months	
Project Manager	Dibakar Saha	Contracting Method	UCF (Samiul Hasan & Naveen Eluru)	
Equipment	N/A			
Urgency	1	The project is urgently needed to address the increasing pedestrian and bicyclist fatalities in Florida by incorporating pedestrian and bicycle safety performance functions in FDOT's ICE procedure.		
Implementability	1	The findings from the project can be directly implemented in FDOT's ICE procedure.		

Project Benefits (Succinct, complete explanation)

A successful completion of the project will enable FDOT:

- 1.
- Address pedestrian and bicycle crashes through appropriate data and models Improve the ICE procedure by including new pedestrian and bicycle crash prediction models and adding innovative intersections 2.
- 3. Identify critical sites for pedestrian and bicyclists' safety improvement

Project Benefits (Select all that apply and explain)		Quantifiable Benefits (units, dollars, etcif applicable)	Methodology or Data Sources Used to Determine Quantifiable Benefits. If not applicable, please give justification of project benefits
0	Materials Enhancement		
	Emancement		
0	Financial Impact		
0	Time Savings		
0	Lives Saved/Injuries Prevented	N/A	The research will inform FDOT through updated data, models and evaluation procedure to save lives or prevent injuries of pedestrians and bicyclists.
0	Other (Explain)		

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