


**Project Information Form**

Project Title	Efficient Utilization of The Existing ITS System and The Viability of A Proactive Traffic Management System for The Orlando-Orange County Expressway Authority System	
University	University of Central Florida	
Principal Investigator	Dr. Mohamed Abdel-Aty, PE	
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Funding Source(s) and Amounts Provided (by each agency or organization)	NCTSPM UTC : \$110,000  Orlando Orange County Expressway Authority: \$113,062	
Total Project Cost	\$223,062	
Agency ID or Contract Number	RC614 G3  16507079	
Start and End Dates	01/01/2012 to 08/29/2014	
Brief Description of Research Project	This project proposes a framework to incorporate safety and operation into the existing ITS on the expressway network in Orlando. The proposed framework is considered as a cost effective added value to the expressway authority.	
Describe Implementation of Research Outcomes (or why not implemented)  (Attach Any Photos)	 <p>Figure 1 MVDS of OOCEA's System</p>	



**Figure 2 Crash distribution on SR408**

Image Source:  
[https://www.ooca.com/Portals/0/skins/expressway/slider\\_images/4c4eb443-975b-47de-a275-fe7b21fe3f24.jpg](https://www.ooca.com/Portals/0/skins/expressway/slider_images/4c4eb443-975b-47de-a275-fe7b21fe3f24.jpg)

Impacts/Benefits of Implementation (actual, not anticipated)

Better suggestions to improve the current ITS system on the Central Florida Expressways. Possible benefits for safety, efficiency and management of the network.

Web Links

- Reports
- Project website

TRB paper shared with NCTSPM  
 Paper under review in Accident Analysis & Prevention