

Project Information Form

Project Title	Integrating Safety in Developing a Variable Speed Limit System
University	University of Central Florida
Principal Investigator	Dr. Mohamed Abdel-Aty
PI Contact Information	M.Aty@ucf.edu
Funding Source(s) and Amounts Provided (by each agency or organization)	NCTSPM UTC \$62,500 Colorado DOT \$39,509 Florida DOT \$36,627
Total Project Cost	\$125,000
Agency ID or Contract Number	RC614G3 1620-8095 1650-7073
Start and End Dates	01/01/2012 to 01/31/2014
Brief Description of Research Project	Investigating the feasibility of utilizing Variable Speed Limit system to improve freeway traffic safety. A proactive traffic management strategy would be designed to change the speed limits as high crash risks are detected to be high.
Describe Implementation of Research Outcomes (or why not implemented) (Attach Any Photos)	The research outcomes would not be implemented since this study is solely to develop a control algorithm. However, the proposed VSL control algorithm would be tested in the micro-simulation software VISSIM to see its benefits for traffic safety.
Impacts/Benefits of Implementation (actual, not anticipated)	Future improvement of Active Traffic Management Systems
Web Links • Reports • Project website	None

