

UTC Project Information	
Project Title: Signal Timing Optimization with Consideration of Environmental and Safety Impacts	
University	University of Florida/Florida International University
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Funding Source(s) and Amounts Provided (by each agency/organization)	Florida International University: \$75,00 University of Florida: \$65,000
Total Project Cost	\$140,000
Agency ID or Contract Number	2013-022S
Start and End Dates	August 1, 2013 – (active)
Brief Description of Research Project	
<p>Some efforts have been conducted to incorporate fuel consumption and emissions, and to a much lesser degree safety, in signal timing optimization. Despite the availability of some studies on these subjects, no guidelines or tools are available to assist traffic engineers in their evaluation and optimization of signal control based on related measures. The goal of this research is to recommend methods and models for assessing and reduce environmental and/or safety impacts associated with signal timing, in combination with mobility measures.</p>	
Describe Implementation of Research Outcomes (or why not implemented)	
Place Any Photos Here	

Impact/Benefits of Implementation (actual, not anticipated)	
Project Website	Abstract on STRIDE website: http://stride.ce.ufl.edu/hadi-abstract-022s Information on TRB/TRID: https://trid.trb.org/view/2013/P/1343135