

EXHIBIT F

UTC Project Information	
Project Title	Performance Measurement & Management Using Connected & Automated Vehicle Data
University	Florida International University
Principal Investigator	Mohammed Hadi, Ph.D. Professor Florida International University
PI Contact Information	E-mail: hadim@fiu.edu Tel: (305) 348-0092
Funding Source(s) and Amounts Provided (by each agency or organization)	Southeastern Transportation Research, Innovation, Development & Education Center (STRIDE): \$233,071 Florida Department of Transportation (FDOT): \$176,447 (match) Alabama Department of Transportation (ALDOT): \$56,625 (match)
Total Project Cost	\$233,071
Agency ID or Contract Number	69A3551747104
Start and End Dates	May 1, 2017 - March 31, 2020
Brief Description of Research Project	Transportation system performance is a key component in congestion management as well as in setting agency priorities and making policy decisions. Fusing data from existing sources such as point sensors, automatic vehicle matching technologies, third party vendors, incident and work zone databases, weather data, video analytics, high resolution controller data, and management and control sources can provide important information for making such decisions. Emerging connected and automated vehicle technologies, shared autonomy, and shared mobility will significantly affect demand and supply. They will also increase data quantity and quality and produce new performance measures (door-to-door travel times, queue locations, vehicle trajectories) that cannot be obtained using existing data sources. The objective of this project is to develop novel performance measurement alternatives considering the availability of emerging vehicle technologies through Dedicated Short Range Communications

	(DSRC) and/or wide area cellular technology. These advances will improve policy decision making, optimize operations, and improve outcomes.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	Not available. Research is in progress.
Impacts/Benefits of Implementation (actual, not anticipated)	Not available. Research is in progress.
Web Links <ul style="list-style-type: none">• Reports• Project website	https://stride.ce.ufl.edu/project-c/