

EXHIBIT F

UTC Project Information	
Project Title	Impact of Smartphone Applications on Trip Routing and Congestion Management
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Start and End Dates	March 15, 2018 - June 15, 2020
Brief Description of Research Project	Proliferation of mobile devices with routing apps such as Google Maps, Waze, INRIX, TomTom, etc. has made possible congestion avoidance through real-time re-routing of vehicles for any mobile-enabled driver. However, to date, the real impacts of these routing apps on system and local traffic across the roadway infrastructure are largely unknown. There is a limited amount of research that has broadly investigated issues such as the impact of social media on transportation policy (Gal-Tzur et al., Bregman and Watkins), usage patterns of smartphone apps (Jones et al.), and use of gaming concepts to influence driver behavior (McCall and Koenig, Wang et al.). However, there is a dearth of research investigating the impact of routing apps on trip routing or travel behavior. This study attempts to fill this gap and gather evidence and quantify the relationship between routing app usage and propensity of alternative route choices by routing app users.

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-a/