

Grant Deliverables and Reporting Requirements for UTC Grants (November 2016)

**EXHIBIT F**

<b>UTC Project Information</b>	
Project Title	Vulnerable Road User-Mobility Assistance Platform (VRU-MAP)
University	Virginia Tech (VT) North Carolina A&T State University (NCAT)
Principal Investigator	Justin Owens
PI Contact Information	<a href="mailto:jowens@vtti.vt.edu">jowens@vtti.vt.edu</a> ; 540-231-1010
Funding Source(s) and Amounts Provided (by each agency or organization)	Federal Funds (USDOT UTC Program): \$240,835 Cost-Share Funds (VT): \$33,647 Cost-Share Funds (NCAT): \$7,328
Total Project Cost	\$281,810
Agency ID or Contract Number	69A3551747125
Start and End Dates	December 5, 2016 – November 30, 2017
Brief Description of Research Project	The objective of this project is to develop a Vulnerable Road User Mobility Assistance Platform (VRU-MAP), a platform designed to assist vulnerable road users (VRUs) in moving through the world. The VRU-MAP will include personalized, proactive, real-time, multimodal information. The personalization and proactivity aspects of the technology are designed to understand and anticipate user needs instead of passively awaiting input. The real-time aspect is designed to provide constant updates about information relevant to user needs, including current weather, traffic, and route considerations. The multimodal aspect is designed to allow whole-trip planning, including information from the internet (e.g. bus schedules and traffic delays), predictive information (e.g. likely future traffic conditions) and local-scale connectivity (e.g. collision warning systems).
Describe Implementation of Research Outcomes (or why Not implemented)	We anticipate the outcomes of this first phase of the project to allow early testing of interfaces for the proposed system.
Place Any Photos Here	

Impacts/Benefits of Implementation (actual, not anticipated)	Pending project completion
Web Links <ul style="list-style-type: none"><li>• Reports</li><li>• Project Website</li></ul>	<a href="http://www.ncat.edu/cobe/transportation-institute/Files2013/3-VRUMAP%20Abstract.pdf">http://www.ncat.edu/cobe/transportation-institute/Files2013/3-VRUMAP%20Abstract.pdf</a>



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