



UTC Project Information – Project 4.1	
Project Title	Connected Vehicles Applications to Improve Infrastructure Safety and Durability
University	University of Maine
Principal Investigator	Jonathan Rubin, Ph.D.
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Funding Source(s) and Amounts Provided (by each agency or organization)	Federal: \$126,848; UMaine: \$126,848
Total Project Cost	\$253,696
Agency ID or Contract Number	69A3551847101
Start and End Dates	October 1, 2018 – May 31, 2022
Brief Description of Research Project	This project will identify opportunities and vulnerabilities for enhanced connectivity of transportation infrastructure in Maine and New England. The project will consider how these technologies will improve the durability of infrastructure and improve safety and efficiency for road users. The project will include a review of available technologies and their applications, recommendations for a pilot of one application, and a strategic investment guideline, including potential costs and benefits.
Describe Implementation of Research Outcomes (or why not implemented)	This project is in its initial research phase. Implementation of Research outcomes will be reported upon completion of initial research.
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	This project is in its initial research phase. Impacts and benefits of the research will be reported after the implementation phase.
Web Links	TBD
<ul style="list-style-type: none"> • Reports • Project website 	