



UTC Project Information – Project # 2-10	
Project Title	Durability Evaluation of Carbon Fiber Composite Strands in Highway Bridges
University	University of Maine
Principal Investigator	Roberto Lopez-Anido
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Funding Source(s) and Amounts Provided (by each agency or organization)	DOT \$65,482 UMaine \$70,301
Total Project Cost	\$135,783
Agency ID or Contract Number	69A3551847101
Start and End Dates	06-01-2019 and 12-31-2021
Brief Description of Research Project	The objectives of this project are to monitor the structural performance of CFCC strands in the Penobscot-Narrows cable-stayed bridge to evaluate long-term durability, and to assess durability of CFRP strands for pre-stressed concrete bridges.
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.
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 <ul style="list-style-type: none"> • Reports • Project website 	Kohler, B., Berube, K., Goupee, A., and Lopez-Anido, R., “Durability Evaluation of Carbon Fiber Composite Strands in Highway Bridges,” 2020 TIDC Annual Conference (Virtual) , August 12-13, 2020.