


## ATTACHMENT 5: UTC PROJECT INFORMATION SHEET

<b>UTC Project Information – Project # 1.5</b>	
Project Title	Distributed Fiber Optic Sensing System for Bridge Monitoring
University	University of Massachusetts Lowell
Principal Investigator	Xingwei Wang
PI Contact Information	<a href="mailto:xingwei_wang@uml.edu">xingwei_wang@uml.edu</a>
Co-PI(s)	TzuYang Yu
Co-PI Contact Information	<a href="mailto:TzuYang_Yu@uml.edu">TzuYang_Yu@uml.edu</a>
Funding Source(s) and Amounts Provided (by each agency or organization)	Federal: \$310,000; UMass Lowell: \$310,000
Total Project Cost	\$ 620,000
Agency ID or Contract Number	69A3551847101
Start and End Dates	1/1/2018 – 12/31/2023
Brief Description of Research Project	Develop a distributed fiber optic sensing system to monitor the strain and temperature variations on bridges.
Describe Implementation of Research Outcomes (or why not implemented)	A distributed fiber optic sensing system has been developed to monitor the strain and temperature variations on bridges. This system has already been implemented.
Place Any Photos Here	 <p>Figure 1 (A) Side view of Salmon Fall Bridge (NH). (B) UML team working on site.</p>
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"> <li>• Reports</li> <li>• Project website</li> </ul>	<p>Coming</p> <p>Soon</p>