<table>
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<th><strong>UTC Project Information – Project 3.4</strong></th>
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<tr>
<td><strong>Project Title</strong></td>
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<td><strong>University</strong></td>
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<td><strong>Principal Investigator</strong></td>
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105A Boardman Hall, University of Maine  
Orono, Maine 04469-5711 |
| **Co-PI**                              | Habib Dagher, Ph.D. |
| **Co-PI Contact Information**          | hd@maine.edu, 207.581.2138 |
| **Funding Source(s) and Amounts Provided (by each agency or organization)** | USDOT: $52,119;  
UMaine: $109,355 |
| **Total Project Cost**                 | $161,474 |
| **Agency ID or Contract Number**       | 69A3551847101 |
| **Start and End Dates**                | 3/1/2019 – 5/01/2021 |
| **Brief Description of Research Project** | Based on successful testing and supporting research conducted by UMaine on a new, hybrid FRP-concrete girder, a demonstration bridge using this technology in Hampden, Maine will be constructed in the 2020. This bridge has been designed in partnership with Advanced Infrastructure Technologies of Orono, Maine. Our prior experience indicates that first-time construction of a new bridge technology invariably brings to light construction challenges and highlights unanticipated design challenges. This project provides a one-time opportunity to monitor and assess performance of a novel in-service composite bridge. Data gathered from the testing, monitoring and advanced analyses proposed as part of this research will help drive acceptance of this novel FRP girder bridge system. |
| **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**                          | N/A |
| • Reports                              | |
| • Project website                      | |