

<b>UTC Project Information – Project #</b>	
Project Title	CT Girder Web Capacity and Design for Shear
University	UMaine
Principal Investigator	W. Davids
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Co-PI(s)	NA
Co-PI Contact Information	NA
Funding Source(s) and Amounts Provided (by each agency or organization)	TIDC (\$282,411); MaineDOT (\$45,000)
Total Project Cost	\$327,410
Agency ID or Contract Number	
Start and End Dates	6/1/22 – 5/31/24
Brief Description of Research Project	Recent and ongoing research has highlighted the need to better understand the strength and design of novel fiber-reinforced polymer tub girders (CT girders). This project will directly address these issues by increasing the efficiency and simplifying design of this new bridge technology through the creation and documentation of rigorous yet tractable methods for CT girder design while optimizing the use of relatively costly composite materials. This research project will employ field testing as well as sophisticated numerical modeling.
Describe Implementation of Research Outcomes (or why not implemented)  Place Any Photos Here	To be completed after actual implementation has occurred
Impacts/Benefits of Implementation (actual, not anticipated)	To be completed after actual implementation has occurred
Web Links	<ul style="list-style-type: none"> <li>• Reports</li> <li>• Project website</li> </ul>