

UTC Project Information – Project 1.21	
Project Title	Efficient and Cost-effective Rating of Critical Members of Steel Truss Railroad Bridges Supported by Field Test Data
University	University of Connecticut (UConn), Storrs, CT
Principal Investigator	Ramesh B. Malla, Ph.D., F. ASCE, F. EMI, A.F. AIAA, M. CASE (Institutional Lead)
PI Contact Information	E-mail: Ramesh.Malla@uconn.edu; Phone: (860)486-3683 Address: Department of Civil & Environmental Engineering, 261 Glenbrook Road, Storrs, CT 06269-3037
Co-PI(s)	N/A
Co-PI Contact Information	N/A
Funding Source(s) and Amounts Provided (by each agency or organization)	US DOT UTC program, \$85,171.80 University of Connecticut, \$ 85,170.92.
Total Project Cost	\$170,342.72
Agency ID or Contract Number	69A3551847101
Start and End Dates	August 01, 2023 - July 31, 2024
Brief Description of Research Project	The primary goal of the proposed research is to develop an efficient analysis methodology to rate typical critical members of steel railroad bridges, both normal and maximum, using field data.
Describe Implementation of Research Outcomes (or why not implemented)	To be completed after actual implementation has occurred
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	To be completed after actual implementation has occurred
Web Links <ul style="list-style-type: none"> • Reports • Project website 	