UTC Project Information	
Project Title	Dynamic Behavior of Mechanically Spliced Precast Bridge Columns.
University	University of Nevada Reno
Principal Investigator	Mostafa Tazarv
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Funding Source(s) and Amounts Provided (by each agency or organization)	IBT-ABC-UTC funds : $39,805 Match funds : $44,670
Total Project Cost	$ 84,475
Agency ID or Contract Number	69A3552348322
Start and End Dates	January 1, 2025 - Active
Brief Description of Research Project	Mechanical bar splices, also known as bar couplers, offer an alternative to traditional lap splicing in reinforced concrete (RC) structures, and may expedite construction in Accelerated Bridge Construction (ABC) projects. However, current U.S. codes prohibit their use in the plastic hinge region of bridge columns due to uncertainties regarding their seismic performance. Despite extensive prior research on the static (capacity) behavior of mechanically spliced bridge columns, their dynamic response remains largely unexplored. The proposed research investigates the dynamic behavior of mechanically spliced precast bridge columns through shake-table testing.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	The outcomes will be tracked and reported once they are identified.
Impacts/Benefits of Implementation (actual, not anticipated)	The impacts will be tracked and reported once they are identified.

Web Links • Reports • Project website	https://abc-utc.fiu.edu/dynamic-behavior-of-mechanically-spliced-precast-bridge-columns/