

<b>UTC Project Information</b>	
Project Title	MPC-421 – Seismic Rehabilitation of Skewed and Curved Bridges Using a New Generation of Bulking Restrained Braces
University	University of Utah
Principal Investigator	Chris P. Pantelides Luis Ibarra
PI Contact Information	Chris P. Pantelides University of Utah Phone: (801) 585-3991 Email: c.pantelides@utah.edu  Luis Ibarra University of Utah Phone: (801) 585-9307 Email: luis.ibarra@utah.edu
Funding Agencies	USDOT, Research and Innovative Technology Administration
Agency ID or Contract Number	DTRT12-G-UTC08, Modification No. 1
Project Cost	\$339,745
Start and End Dates	January 1, 2013- December 31, 2013
Project Duration	1 Year
Brief Description of Research Project	The objectives of this project are to: (1) find effective configurations for using BRBs in the seismic rehabilitation and repair of both skewed single-span bridges and curved bridges; the verification will be performed by numerical simulation of the candidate bridges; and (2) develop an analytical model which simplifies the behavior of reinforced concrete and steel bridges when BRBs are implemented for control of longitudinal and lateral seismic forces.
Describe Implementation of Research Outcomes (or why not implemented)	
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links	<a href="https://www.ugpti.org/resources/reports/details.php?id=862">https://www.ugpti.org/resources/reports/details.php?id=862</a>
	<ul style="list-style-type: none"> <li>• Reports</li> <li>• Project Website</li> </ul>