

## MARRIOTT LIBRARY RENOVATION SEISMIC UPGRADE



### SALT LAKE CITY, UTAH

The four-year, \$79 million Marriott Library renovation project significantly improved seismic stability, enabling the structure to withstand a magnitude 7.2 earthquake. Originally designed with a single pin connection, SME along with CoreBrace provided an alternate bolted connection which eventually saved the project \$500,000.

### PROJECT INFORMATION

<b>Location:</b>	Salt Lake City, Utah
<b>Number of Stories:</b>	5 Stories
<b>Number of Braces:</b>	128
<b>Maximum Brace Force:</b>	Pysc = 1200 kips
<b>Structural Engineer:</b>	Reaveley Engineers
<b>Steel Fabricator &amp; Erector:</b>	SME Steel Contractors

