



## Structural Engineering Project

### WENDOVER FIRE STATION Municipal Project



#### PROJECT DESCRIPTION:

- ◆ McNeil Engineering performed the structural engineering on the Wendover Utah Fire Station addition. The scope of work included engineering of a two story addition to an essential facility. The addition was designed to compensate for the antiquated structural system of the existing building. The construction was of concrete masonry units, timber and open web steel joists.
- ◆ McNeil engineered a structural system that proved resilient to true life seismic loading in which a 6.0 Richter scale earthquake occurred less than 40 miles away. Adjacent buildings exhibited significant damage. The fire station exhibited no damage.



Matthew Roblez, SE, SECB  
Email: [matt@mcneileng.com](mailto:matt@mcneileng.com)  
801-255-7700 x. 128



Brian Warner, SE, LEED AP  
Email: [brian@mcneileng.com](mailto:brian@mcneileng.com)  
801-255-7700 x. 111