

Richard Niewiarowski, S.E.

Richard Niewiarowski has more than 40 years' experience practicing structural engineering in California. Rich has been responsible for the structural and seismic engineering design for many institutional and public building projects including university campus facilities, hospitals, museums and aquariums, sports and performing arts venues, and waterfront structures. In addition to his design experience, Rich has extensive experience in the structural evaluation of existing buildings including assessment of their expected seismic performance and their retrofit. Rich was Co-Principal Investigator of the Applied Technology Council's research report *ATC-40: Recommended Methodology for Seismic Evaluation and Retrofit of Concrete Buildings*, produced for the California Seismic Safety Commission. Rich has served as a member of the California State University Seismic Review Board since 2005 and, since 2012, as a member of the University of California San Francisco Seismic Review Committee.

Employment

Rutherford & Chekene; Director, Vice President, Principal SE, 1972-2010

Education

Degree of Engineer, 1969, & M.S., 1968, Structural Engineering, Stanford University, Stanford, CA
B.Eng., 1967, Civil Engineering, Cooper Union, New York, NY

Registration

Structural Engineer California, 1976 – License No. 2079
Civil Engineer California, 1973 – License No. 23143

Selected Professional Memberships and Affiliations

Structural Engineers Association of Northern California; Director, 1997-99
Structural Engineers Association of California; Existing Buildings Committee, Chair, 1996-97

Project Experience

- Chang-Lin Tien Center for East Asian Studies, UC Berkeley, CA
- History Corner Seismic Retrofit, Main Quadrangle, Stanford University, CA
- Exploratorium (Pier 15 Seismic Upgrade & Renovation), San Francisco, CA
- Kalmanovitz Library, UCSF Medical Center, San Francisco, CA
- New de Young Museum, Golden Gate Park, San Francisco, CA
- Ferry Building Renovation, San Francisco, CA
- Science and Engineering Library, UC Santa Cruz, CA
- Wurster Hall Seismic Upgrade & Renovation, UC Berkeley, CA
- St. Dominic's Church Seismic Evaluation & Upgrading, San Francisco, CA
- Pier One Adaptive Re-use, Seismic Upgrade & Renovation, Port of San Francisco, San Francisco, CA
- Aquarium of the Pacific, Long Beach, CA
- San Jose Opera/California Fox Theater Seismic Evaluation & Retrofit, San Jose, CA
- Saint Louise Health Center, Morgan Hill, CA
- Marian Hospital Additions, Santa Maria, CA
- Pacific Bell/AT&T Park (Foundations & Port Walk), San Francisco, CA
- Monterey Bay Aquarium, Monterey, CA
- *ATC-40: Recommended Methodology for Seismic Evaluation and Retrofit of Concrete Buildings*, Co-Principal Investigator, Applied Technology Council. Funded by California Seismic Safety Commission.
- *Provisional Commentary for Seismic Retrofit*, Product 1.1 of the Proposition 122 Seismic Retrofit Practices Improvement Program (Report No. SSC 94-02), California Seismic Safety Commission, Sacramento, CA