



Education

BS, Architectural Engineering,
1983 with honors

California Polytechnic State
University,
San Luis Obispo, CA

Registration

Civil Engineer, State of California,
No. 40945

Professional Affiliations

Structural Engineers Association of
Northern California

American Society of Civil
Engineers

American Institute of Steel
Construction

American Concrete Institute

National Concrete Masonry
Association

American Council of Engineering
Companies

California Shore and Beach
Preservation Association

California Association of Harbor
Masters and Port Captains

U.S. Green Building Council

Mark Mesiti-Miller, P.E.

Principal Emeritus

Professional Qualifications

Mark founded Mesiti-Miller Engineering in 1987 and incorporated in 1995. In March of 2015, after nearly thirty years of service, Rodney Cahill and Dale Hendsbee took over ownership and operation of the firm and Mark retired.

Since the beginning of his engineering career, Mr. Mesiti-Miller was responsible for many challenging projects. His major emphasis was the design and engineering of buildings, bridges, coastal structures, harbor and marina facilities, retaining walls, landslide repairs and other appurtenant site improvements. His practice was committed to quality, sustainable design, innovative engineering and strong customer service.

Mark had a passion for exercising his engineering ingenuity in design. His creative abilities allowed many seemingly impossible visions become reality. He designed numerous municipal, institutional, commercial, industrial, and residential projects. He designed and detailed structural systems using reinforced concrete, masonry, steel, and wood supported by a variety of foundation systems including conventional spread footings; concrete or steel grade beams supported on drilled concrete piers, driven piles or screw anchors; reinforced concrete mats and rafts; tied-back soldier beams and spray applied concrete; mechanically stabilized earth; cast-in-trench pier supported retaining systems; timber pole types and several others. Investigation, evaluation, analysis and design of retrofits and repairs to existing unreinforced and reinforced masonry, concrete, and wood structural systems were also performed. While Mark was primarily focused on structures, he also designed transit facilities, roads, parking lots, storm drains, pump stations, sewage lift stations, utility extensions and alternative energy production facilities.

Mark's careful attention to detail, strong analytical abilities and excellent presentation skills enabled him to become a valuable engineering consultant and mentor to the firm.