

## Cary E. Ronan, PE, GE

Senior Associate  
Geotechnical Engineering



### 21 years in the industry ~ 21 years with Langan

Ms. Ronan has over 21 years of experience in performing and managing geotechnical investigations and construction observation services for numerous projects throughout California. Her experience includes project management and supervision during investigations for schools, universities and museum facilities, high-rise structures, technology campuses, large infrastructure developments, including parks, new streets, and utilities, and multi-family and mixed-use developments.

As a project manager, her experience includes directing subsurface investigations, design and evaluation of foundations systems, performing engineering analyses, and directing field personnel. Cary has performed engineering analyses to determine settlement behavior of soil under loading, bearing capacity for shallow foundations, lateral and vertical capacity for deep foundations, and slope stability and seismic hazards including liquefaction potential and ground improvement techniques to mitigate liquefaction and lateral spread.

### Selected Projects

#### **Hotel & Retail**

- 1125 Market Street, Hotel High-Rise, San Francisco, CA
- Ahwanee Hotel, Yosemite National Park, CA
- Battery and Clay Hotel (Club Quarters), San Francisco, CA
- Bay Landing Hotel, 1550 Old Bayshore Highway, Burlingame, CA
- Building 105 Hospitality, Presidio, San Francisco, CA
- Frank Hotel (386 Geary Street), San Francisco, CA
- Homewood Suites Hotel, Sierra Point, Brisbane, CA
- Hotel G (Frank Hotel), San Francisco, CA
- Radisson Hotel, Sierra Point, Brisbane, CA
- Residence Inn by Marriott, Oyster Point, South San Francisco, CA
- Starwood (W) Suites, Newark, CA
- The Inn at Oyster Point, South San Francisco, CA
- Westfield Center, 835 Market Street, San Francisco, CA
- Sunnyvale Town Center, Downtown Development, Sunnyvale, CA

#### **Multi-Family & Mixed-Use**

- 706 Mission Street — Mexican Museum and High-Rise Residential Tower, San Francisco, CA
- 1028 Market Street, Mixed-Use Residential and Retail Development, San Francisco, CA
- 170 King Street, Multi-Family Residential, San Francisco, CA
- Bridgeview Condos, Luxury High-Rise Towers, 400 Beale Street, San Francisco, CA

### Education

M.S., Civil Engineering  
University of California, Berkeley

B.S., Civil Engineering  
California State Polytechnic  
University

B.A., Psychology  
University of Minnesota

### Professional Registration

Professional Engineer (PE) in CA  
Geotechnical Engineer (GE) in CA

### Affiliations

Commercial Real Estate Women  
(CREW) San Francisco, Board  
member

Deep Foundations Institute (DFI)

American Society of Civil  
Engineers (ASCE)

Structural Engineers of Northern  
California (SEAONC)

Cal Poly Industry Advisory Board

Society of Women Engineers

## **Carolyn E. Ronan, PE, GE**

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- Venn Apartments, 1844 Market Street, San Francisco, CA
- One Rincon Hill, 425 First Street, San Francisco, CA
- Park Station – 1410 El Camino Real, South San Francisco, CA
- Trinity Place, Phases 2-4, San Francisco, CA
- Village Park Apartments, San Jose, CA

### **Office Campuses**

- Bay View Campus at NASA Ames, Mountain View, CA
- Moffett Federal Airfield (for Google) Runway Rehabilitation, Moffett Federal Airfield Hangars 1, 2, and 3; California Air National Guard Facilities; Runway Assessment; Airfield Macon Road Widening; Airfield DPR Construction Trailer Development, Mountain View, CA
- NASA Ames Building N210 (Zee.Aero), Mountain View, CA
- Bay Area Headquarters Authority (BAHA) Renovation & Seismic Upgrade, 390 Main Street, San Francisco, CA
- Google Charleston East Transit Center, Mountain View, CA
- HGST Campus, San Jose, CA
- Hitachi Campus Infrastructure and Parks, San Jose, CA
- Juniper Networks Campus, Sunnyvale, CA
- Marvell Semiconductor Campus, Santa Clara, CA
- NVIDIA Campus, Santa Clara, CA
- Oracle, Santa Clara and Redwood Shores Campuses, CA
- Pacific Research Center South Campus, Newark, CA
- Sierra Point, Office/Commercial/Hotel Development, Brisbane, CA
- SPUR Headquarters, 654 Mission Street, San Francisco, CA
- Sun Microsystems, Newark Campus, Newark, CA
- Stadium TechCenter, Santa Clara, CA

### **Education**

- City College of San Francisco (CCSF) the Chinatown/North Beach Campus, San Francisco, CA
- St. Ignatius College Preparatory (Choral Room and Stadium Improvements), San Francisco, CA
- UC-Berkeley, Stiles Residence Hall, Berkeley, CA
- UC-Berkeley, Sather Gate, Berkeley, CA
- UCSF Sandler Neurosciences Center, Block 19A in Mission Bay, San Francisco, CA
- UCSF Rock Hall, Block 19B in Mission Bay, San Francisco, CA
- UCSF Rutter Community Center, Block 21B in Mission Bay Campus, San Francisco, CA
- UCSF Community Center Garage, Block 21A in Mission Bay, San Francisco, CA
- Cathedral School for Boys, San Francisco, CA
- Drew School (Assembly Wing), San Francisco, CA

### **Civic & Public Betterment**

- City of San Jose Parks Improvements, San Jose, CA
- Contemporary Art Museum at Presidio, San Francisco, CA
- Presidio Main Parade Ground, San Francisco, CA
- San Francisco Public Utilities Commission (SFPUC) Projects, University Mound North Reservoir, Alameda and Lake Merced Pump Stations, San Francisco, CA
- Tidewater Aquatic Center, Oakland, CA

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- Yuba City, Willows, and Quincy Courthouses, CA
- Walt Disney Family Museum, The Presidio, San Francisco, CA
- Naval Operations Support Center (NOSC), Alameda, CA

### ***Hospitals***

- Chinese Hospital Replacement, San Francisco, CA
- Cathedral Hill Hospital (Sutter Health CPMC), San Francisco, CA

### ***Affordable/Senior Housing***

- John King Senior Community, San Francisco, CA
- Mission Creek Senior Housing, Mission Bay, San Francisco, CA
- Presentation Senior Community Housing, 301 Ellis Street, San Francisco, CA

### ***Transportation***

- San Francisco International Airport (SFO), Long Term Parking Garage No. 2, San Francisco, CA
- SFMTA Central Subway, San Francisco, CA
- South San Francisco Ferry Terminal, South San Francisco, CA

### ***Utilities***

- Vista Grande Drainage Basin Improvements, Daly City, CA

### **Selected Publications, Reports, and Presentations**

"Liquefaction Potential Mitigation Using Rapid Impact Compaction," (2008)