



Staff Geotechnical Engineer

WRECO is an award-winning engineering consulting firm established in 1995 with offices in Walnut Creek, Oakland, San Jose, Elk Grove, Roseville, and Los Angeles, CA. We provide consulting engineering services and develop innovative solutions for projects in the areas of civil engineering, geotechnical engineering, environmental compliance, and water resources. WRECO resolves sophisticated engineering and environmental problems for local, state, and federal agencies, as well as private owners. As a certified Green Business, we understand the importance of sustainability. We consider the environment for every project in which we are involved. To learn more about our company, please visit us at wreco.com.

Our Elk Grove office has an immediate need for full-time **Staff Geotechnical Engineer**.

Staff Geotechnical Engineer

The successful candidate would be a self-motivated professional who possesses a B.S. degree in Civil Engineering or Engineering Geology and a minimum of 1 year of professional experience pertaining to the following:

- Field work (soil logging/field mapping),
- Seismic analysis (liquefaction/dynamic settlement/lateral spreading),
- Shallow and deep foundation design,
- Elastic and time dependent settlement analysis, and
- Flexible and rigid pavement design, and slope stability analyses.

This individual will be expected to demonstrate a strong technical knowledge of the principles of soil and rock mechanics. Experience with large design and construction projects is a plus.

This Position Requires:

- Participation in field assignments that will include observation of explorations (soil and rock borings, test pits, CPT probes, geophysical testing) and geotechnical instrumentation and monitoring; and inspection of earth retaining structures, deep foundations (drilled shafts, piles), tunnels and pipe jacking, and shallow foundations.
- Design of shallow and deep foundations, earth retaining structures, ground improvement, embankment and cut slopes, and settlement analyses.
- Performance of earthquake hazard evaluations, including site-specific site response analysis and liquefaction potential analysis.
- Analysis of laboratory testing results and selection of the soil and rock geotechnical design parameters.
- Preparation and review of technical reports, data reports and baseline reports.
- Sharing of technical knowledge across geographical boundaries to foster innovative project solutions.
- Possession of an outgoing and positive attitude, and dependable work ethic to meet all assigned project deadlines.
- Display of strong communication and interpersonal skills and the ability to work in a fast-paced team environment with multiple deadlines. Sense of humor a plus.



Basic Qualifications:

- B.S. in Civil Engineering or Engineering Geology
- Ability to communicate technical information to nontechnical audiences in both written and verbal formats
- EIT

Preferred Qualifications:

- California P.E. license and/or California G.E. license, or the ability to obtain one within 1 year of hire date.
- M.S. in Geotechnical Engineering or Civil Engineering with an emphasis in Geotechnical Engineering or Engineering Geology strongly preferred.

Application Procedure:

Please send your resume and **cover letter** to info@wreco.com. Tell us why you want to work for WRECO. In the subject line of your email, please include the following: "Geotechnical Engineer – YOUR NAME."

Candidates who move forward in the final selection process will be subject to a reference check as a condition of our hiring policy.

WRECO offers an excellent company paid benefits package including health, dental, vision, long-term disability insurance and Simple IRA with employer match. WRECO is a proud equal opportunity workplace.