

Senior Civil/Structural Engineer

Company

Substation Engineering Company (SECo) is a full-service Engineering and Design firm providing a full range of cost-effective services for utility high voltage transmission and substation projects. Our corporate culture is rooted in our emphasis on process and safety. We are paving the road to success by providing the necessary tools to do good work, find enjoyment within a good team, and get home safely.

SECo is strengthened by partnerships with Tier 1 Testing & Commissioning and Tier 1 Utility Design, Inc. This dynamic equates to effortless coordination and cohesiveness between our clients, vendors, engineering, construction, and the field. Our experienced team connects testing and engineering and allows problem solving and corrective actions to occur before they become adverse client challenges.

Job Description

Main Duties

Senior-level civil/structural engineering position responsible for structural designs related to high-voltage substations.

Typical assignments include (but are not limited to):

- Performs design of reinforced concrete foundations and metal substation structures.
- Prepares engineering deliverables such as calculations, reports, and specifications.
- Performs routine research and develops recommendations for construction methods and/or materials selection.
- Collects, assimilates, and manages data for engineering work.
- Prepares calculations following standard methods and principles used in similar engineering analysis.
- Works with designers and drafters to guide the development of drawings.
- Interfaces with the Project Manager(s) and Clients.

Desired Education, Experience and Training

- Bachelor's Degree (BS) in Civil Engineering.
- Professional Engineer (PE) License preferred.
- 8+ years of relevant experience in civil and structural designs for electrical transmission and substation facilities.
- Understanding of emergent technologies: LIDAR Surveys, 3D Modeling and Analysis Software.
- Design experience using MicroStation, AutoCAD, or related tools.
- Expert knowledge of local, state, and federal building code requirements (ASCE 113, ASCE 7, IBC, NESC).
- Flexibility, creative problem-solving and above-average interpersonal, communication and collaboration skills.

- Proficient in using enterprise communication software (SharePoint, MS Teams, or similar platforms).

Full Benefit package

- Medical/Dental/Vision
- Paid Holidays
- PTO (Paid Time Off)
- Group Life Insurance/LTD/AD&D
- 401K
- Voluntary Benefit Plans
- Paid Parental Leave

Position Classification/Compensation

- Exempt
- Competitive pay structure