

Transmission Line 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

Mid-level structural engineering position focusing on the performance of both routine and complex activities and tasks related to the design of high voltage transmission lines (69kV through 765kV).

Typical duties include (but are not limited to):

- Performs complex tasks requiring the application of structural engineering techniques and procedures to prepare calculations, drawings, construction documents and engineering estimates and evaluations for construction projects, using in-depth experience and knowledge of structural design.
- Develops and maintains design standards, material and equipment specifications, construction standards and engineering practices for overhead and underground transmission lines.
- Anticipates engineering and construction needs and provides advice and recommendations to support construction.
- Lends support to the establishment of line ratings through LiDAR survey evaluation and other survey and inspection methods.
- Leads and mentors less experienced team members to manage and execute design projects and construction support.
- Reviews work of others to assure adherence to client and industry codes, standards and good utility practice.
- Monitors budget and schedule for assigned tasks.
- Works with designers, drafters and lower-level engineers to guide the development of drawings.

Desired Education, Experience and Training

- Bachelor's Degree in Civil Engineering with a focus in structural and foundation engineering, or Bachelor's Degree in Electrical Engineering.
- 5+ years of progressively responsible experience in the design of steel, wood and concrete structures and foundations.
- Professional Engineering license or the ability to obtain licensure within 12 months preferred.
- Proficient in the use of PLS-CADD, PLS-TOWER, and PLS-POLE.
- Ability to independently work through individual projects and also play a key role in broader projects.
- Accuracy and attention to detail as well as ability to meet deadlines and complete assignments.
- Strong written and verbal communication skills in English.
- Commitment to customer service and ability to work in a team-oriented environment.

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