



## **JOB DESCRIPTION**

Structural Engineer, Grade I

### **JOB SUMMARY**

Under the direction of senior and/or licensed staff; perform structural engineering design, create plans, and oversee the construction of structures, including but not limited to new and existing buildings, and bridges; clarify design choices and provide direction when needed.

### **MAJOR TASKS, DUTIES AND RESPONSIBILITIES**

1. Serve as a Staff Engineer performing the following functions:
  - a. Collect data and gather information or documents
  - b. Perform standard computations or analysis consistent with Y2 standards and the requirements of the appropriate permitting agency/agencies
  - c. Prepare drawings and visual aids for design and/or construction
  - d. Observe construction activities
  - e. Acquire basic knowledge and develop skills in structural engineering
  - f. Apply standard techniques, procedures, and criteria to perform assigned tasks as a part of a broader assignment
  - g. Exercise limited judgment on details of work and in application of standard methods for conventional work
  - h. Perform basic design tasks
  - i. Assist on other tasks such as preparation of permit applications, drawings, and computer-aided design (CAD) work
2. Work with Y2 team members, project team members, interface between team members and Y2 management
  - a. Maintain a positive working relationship with team members
  - b. Collaborate with Y2 management and other teams to prioritize projects, workloads, and needs
  - c. Work with clients to ensure projects are meeting their goals and needs, then communicate necessary adjustments to management, teams, and owners
  - d. Engage in appropriate professional development to enhance performance and to gain or maintain certifications
3. Service to the company, community, and profession
  - a. Work within team to promote continued growth of Y2; participate in marketing efforts
  - b. Take an active role in community and regional organizations to positively represent Y2
  - c. Contribute to professional organizations

### **BENEFITS**

This is a full-time, benefited position. Benefits include vision, dental, and medical insurance; a 401(k) plan; paid time off; life, short- and long-term disability insurance.

**TO APPLY:** Email a cover letter and resume, and three or more references to [jobs@y2consultants.com](mailto:jobs@y2consultants.com) with "Structural Engineer I" as the subject line.