

JOB DESCRIPTION

POSITION TITLE:

Structural Field Engineer

DEPARTMENT:

Construction Engineering
and Field Services

INCUMBENT:**REPORTS TO:**

Director,
Construction Engineering
and Field Services

DATE:

February 2022

GENERAL FUNCTION:

Under the direction of the Director of Construction Engineering and Inspection, Structural Filed Engineer provides structural analysis, observation, and testing efforts on project construction sites.

ESSENTIAL DUTIES & RESPONSIBILITIES:

- Provide structural analysis, observation, and testing efforts on construction sites.
- Communicate with clients to determine needs and studies on site.
- Manage field activities and implement engineering designs.
- Diagnose construction problems and resolve issues when they arise.
- Inspect and test material for safety and compliance to specifications.
- Draft and submit reports timely.

QUALIFICATIONS / SKILLS AND ABILITIES:

- Bachelor's degree in Civil Engineering or Design
- Engineering in Training (EIT) certification or able to obtain within six (6) months
- Anticipate 20% office and 80% field time
- Well-versed in technical aspects of field projects, including machinery and equipment
- Ability to work as part of a team and individually on projects.
- A keen eye for detail.
- Excellent time management skills.
- Strong communication skills.
- Ability to work in adverse weather



PHYSICAL DEMANDS:

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

Employee is regularly required to use hands to fingers, handle, or feel; reach with hands and arms; climb or balance; and talk or hear. The employee frequently is required to sit, stand, walk, stoop, kneel or crouch. Ability to work in adverse weather conditions. Ability to work safely and walk over natural ground and unpaved surfaces. The employee must regularly lift and/or move up to 10-25 pounds, and occasionally move up to 50 pounds. Specific vision requirements include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to focus.

WORK ENVIRONMENT:

Characteristics of the work environment are representative of those that may be encountered by an employee while performing the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

We understand and mutually accept that the above description and supplement represent our agreements as to the job to be performed.

Employee *Date*

Supervisor *Date*

