

Job Description – Engineering Intern/CEI Inspector

REQUIREMENTS:

- Civil Engineering B.S. or M.S. (emphasis in Structural Eng. preferred)
- E.I. certificate
- The ability to earn additional required qualifications within one year.

RESPONSIBILITIES:

Responsible for performing highly complex technical assignments in field engineering and inspection of bridge and road construction, surveying and construction layout, making and checking engineering computations, inspecting construction work, conducting field material tests for concrete, earthwork, and other civil engineering field tests. Responsible for coordinating and managing lower level inspection staff. Work will be performed under the general supervision of a Professional Engineer, Project Administrator or Senior Inspector. Assist Professional Engineer, Project Administrator or Senior Inspector in the performance of their duties. Obtain certifications within the first year of working as an inspector or Engineering Intern.

QUALIFICATIONS:

ENGINEERING INTERN/CEI INSPECTOR - A Civil Engineering degree with the ability to earn additional required qualifications within one year. (Note: Engineering Intern classification requires E.I. certificate from FBPE.) Must have the ability to obtain the following as required by the scope of work of the project:

- CTQP Concrete Field Inspector Level I
- CTQP Asphalt Roadway Level I
- CTQP Earthwork Construction Inspection Level I
- CTQP Final Estimates Level I
- FDOT Intermediate MOT
- Reference: www.ctqpflorida.com

CERTIFICATIONS:

- Nuclear Radiation Safety
- Florida Stormwater, Erosion, and Sedimentation Control Training and Certification Program for Inspectors and Contractors

Other:

Complete the Critical Structures Construction Issues, Self Study Course, and submit the mandatory Certification of Course Completion form (for structures projects).

Career Path:

With increasing levels of experience, training and responsibility, the career path for this position includes advancement to Senior Engineering Intern, Project Administrator, and Project Engineer. Candidates should pursue all requirements for registration as a Florida Professional Engineer and should adhere to Board Rules.