

SENIOR ENGINEER



Typical Duties:

The following duties are typical of the position, but are not all encompassing. Each engineer and team member is expected to help out in whatever duties are required to deliver a quality product on schedule:

Responsible for applying intensive and diversified knowledge of civil engineering principles and practices in broad areas. Uses advanced techniques, theory precepts and practices in the civil engineering field and related sciences and disciplines. A lead position, this level includes technical direction over a group of civil engineering designers and/or functions as a technical specialist, formulating and developing advanced civil engineering concepts.

Coordinates technical and administrative activities with those of other disciplines and other departments in the company participating in a project.

As a Senior Engineer, serves as a technical specialist, staff advisor and consultant to the civil engineering specialty, for a given water/wastewater, land/site development, public works, and/or transportation-related project.

Carries out complex or novel assignments requiring the development of new or improved civil engineering techniques or procedures to create new or refined improvements, equipment, materials, processes or methods.

Markets the firm's capabilities within the civil engineering specialty to establish new clients and enhance relationships with existing clients. Prepares proposals for potential projects within the guidelines of the company authority matrix.

Participates in the selection of design teams and subconsultants and in the negotiations of fees and subcontractors.

Conducts constructability reviews or assists in the design/planning/review of other civil engineering projects not assigned to the incumbent.

Supervise civil engineering and support personnel: evaluates performance; assigns and schedules work; establishes project priorities and standards; makes recommendations on hiring, firing and promotions; provides technical support of project work.

Assist the Headquarters or Branch Manager in the preparation of the department/division budget and policy implementation.

Performs all other assigned related duties.

Knowledge and Experience Required:

Bachelor's Degree in Civil Engineering. Registration as a Professional Engineer in the state where hired.

Minimum 10 years previous design engineering and management experience.