



# Example of Entry-Level Civil Engineer Job Description

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Our growing company is hiring for an entry-level civil engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for entry-level civil engineer

- Design and preparation of erosion control, hydrology, drainage design, post-construction stormwater management, and construction plans and reports
- This position requires extensive field work for the first 2-3 years supervising remedial construction, remediation system installation, and operations and maintenance of the installed systems
- Data collection, evaluation, and reporting of field results
- Lead daily health and safety meetings, exercise stop work authority on job sites
- Prepare engineering-related calculations, technical studies and specifications
- Develop drawings and visual aids
- Prepare engineering related calculations, most commonly basic structural engineering and hydraulic and hydrologic engineering calculations
- Develop site layouts
- Develop structural analysis frame and finite element models
- Develop CADD drawings and visual aids

## Qualifications for entry-level civil engineer

- Master's degree in Geotechnical engineering or appropriate discipline
- Familiar with subsurface investigations
- Must have an interest in geotechnical field investigations, analyses and report preparation for projects including foundations, impoundments, embankments, landfills, roadways, and other industrial and commercial development

- Bachelor's degree in Civil Engineering with an emphasis in traffic or transportation engineering
- Interest in Transportation and/or Traffic design projects