



Example of Entry-Level Civil Engineer Job Description

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Our company is growing rapidly and is hiring for an entry-level civil engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for entry-level civil engineer

- Edit technical specifications
- Perform condition assessments of structures
- Review shop drawings and other construction contractor submittals
- Working for the Rail Manager, provide engineering, technical, and management support to the Rail Group
- Provide assistance to other Transportation disciplines (Roads, Planning, Aviation, Structures and) as project needs dictate
- Prepares computer 3D and 2D models that can be used to generate plans, cross sections, quantities and survey notes
- Provides quality and quantity control on construction projects
- Performs civil engineering and highway design, analyses, modeling, detailing, and quantity estimating
- Prepares deliverable plans and reports
- Assesses projects in the field and completes measurements or inspections

Qualifications for entry-level civil engineer

- Previous work experience is preferred (including internship/coop, emphasis in traffic and/or transportation design project)
- Bachelor's degree in civil, chemical, mechanical, or environmental engineering from an ABET accredited university
- Bachelor's degree in Civil Engineering from an ABET-accredited engineering college or university

- Demonstrable experience creating engineering calculations using Microsoft Excel
- Demonstrable experience performing basic structural engineering computations under the direct supervision of a licensed engineer