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# Example of Entry-Level Civil Engineer Job Description

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 using Autodesk Civil 3D or Bentley InRoads
* Demonstrable experience creating engineering calculations using Microsoft Excel
* Demonstrable experience performing basic structural engineering computations under the direct supervision of a licensed engineer