



Example of Highway Engineer Job Description

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Our innovative and growing company is looking for a highway engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for highway engineer

- Assisting with overall business development, mentoring / developing / training junior staff
- Developing the scope of traffic work, schedules, and budgets for assigned project elements, and monitoring progress to meet schedule and budget requirements
- Preparing technical reports, project manuals, and documentation of activity for the client and project management
- Experience with New Jersey Dept
- Demonstrable record of successfully designing and delivering highways & infrastructure projects
- Demonstrated commercial and financial competency
- Ability to communicate confidently and professionally with all levels of staff and clients (written and verbal)
- Contribute to business development & development of client relationships
- Taking technical ownership of activities that will include the preparation of highway design solutions for major civil engineering works at preliminary, tender, and detailed design stages
- Lead teams of Graduates, Engineers and Technicians in preparing design solutions for civil engineering projects at preliminary, tender, and detailed design stages

Qualifications for highway engineer

- Bachelor's degree in Civil Engineering with interest in Transportation - Highway design
- Experience in multiple elements of civil engineering design with emphasis in transportation and site development projects
- Experience with PennDOT and PTC projects
- Highway design (alignments, geometry, cross section, guide rail, traffic control)
- Braking
- Electrical Systems, Performance Levels / Safety Integrity Levels (SIL)