



Example of Highway Design Engineer Job Description

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Our company is growing rapidly and is searching for experienced candidates for the position of highway design engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for highway design engineer

- Plan and develop engineering tasks concerned with unique or controversial problems
- Develop scope and man-hours for various projects
- Maintain Liaison with units and business lines within the organization and individuals inside and outside of the organization
- Monitor project performance for assigned projects performed with respect to scope, budget, quality, and schedule and client satisfaction
- Conceptualizes the initial civil design approach for major phases of large transportation (highway/roadway/drainage) related projects, experience in schematics and final design (PS&E)
- You will work on geometric design tasks on roads and/or airports projects
- You will provide the technical assurance of designs and develop innovative and integrated design solutions
- You will work with a team of Engineers to carry out designing, modelling/drafting and documentation
- Performs basic engineering calculations
- Construction inspection

Qualifications for highway design engineer

- Georgia PE registration is preferred

- Working knowledge of Health, Safety and Welfare and CDM Responsibilities, relevant company procedures
- Contribute to technical excellence and innovation across the team
- Take responsibility for own personal development with the support of line manager, following an agreed programme
- Have substantial knowledge of, and experience in, inspection, assessment, design and construction of highway structures to UK standards