



Example of Highway Engineer Job Description

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Our company is growing rapidly and is hiring for a highway 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 engineer

- Participation in the briefing of Inductions, WPPs, Toolbox Talks, Safety Alerts and other HSEQ communication to site teams
 - Undertake supervision of site works to ensure compliance with company and legislative quality and safety standards
 - Participation in the on call rotas for winter service and emergency incident response
 - Management of abnormal load notifications
 - Development Control – assessment of planning applications which may have an impact on the highway
 - Responsible for leading the team of engineers to produce a quality technical design of roadway tasks in preliminary engineering and final design, while meeting the budget and scope
 - Performs various engineering and design assignments requiring the application of basic design principles, under the close supervision of a licensed engineer
 - Assists in the preparation of detailed requisitions for material purchase, services, and subcontracts
 - Under the guidance of a senior engineer, assists in reviewing supplier drawing submittals and technical bid analyses
 - Assists in the preparation of specifications, data sheets, and other construction documents
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- Engineer In Training (EIT) or P.E
- 4-year engineering degree and at least 12 years of traffic planning and engineering experience, or relevant post graduate degree in traffic / transportation and 10 years of professional experience
- Strong hands-on experience with major types of technical analyses (including traffic design and operations, construction traffic staging, simulation modelling)
- 7-10 years of experience with traffic analysis and simulation modelling experience for preliminary and detailed design projects for 400-series highways in the GTA
- Significant post graduate experience of civil engineering infrastructure and highway design
- Experience of the application of Bentley OpenRoads or similar highways design software