



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. 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 design engineer

- Preparation of Detailed section 278 agreement designs for priority junctions, traffic signal controlled junctions and roundabouts and major highways improvements works, etc
- Negotiations with Highway Authorities to agree strategies etc
- In depth knowledge of DMRB
- Preparation of works specifications
- Pavement design and calculation
- Earthworks design and cut and fill
- Highway Drainage design and calculations
- Liaising with other 3rd parties
- The ability to undertake drainage, pavement, signs and/or road restraint systems design & assist with the delivery of other project elements as required
- Interpret, organize, execute, and coordinate all technical assignments

Qualifications for highway design engineer

- Working knowledge of MX and or Civils 3d
- Familiarity with design standards, DMRB preferred but also AASHTO, AustRoads and BS
- Familiarity with design standards for urban streets will be advantageous

- Bachelor's Degree in Civil/Transportation Engineering or a related field,
Master's Degree Preferred
- Either Professional Qualification