



# Example of Roadway Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of roadway 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 roadway engineer

- Understand applicable policies, methods, practices, and procedures
- Assist in development of roadway geometrics, pavement design, drainage design, and preparation of quantities
- Coordinate with Utilities
- Develops plans and calculations on assigned tasks to in accordance with good engineering practice
- Assists in the development of construction plans including typical sections, horizontal and vertical geometries, earthwork grading and quantities
- Assists in the development of traffic plans including maintenance and protection of traffic, signing and pavement marking and traffic signals
- Performs engineering studies to support transportation design
- Spend time at our aggregate and asphalt plants to learn the fundamentals of production
- Learn the plant scheduling process to meet customer and internal demands and maximize capacity conflicts
- Learn the fundamentals of material pricing for asphalt and aggregates

## Qualifications for roadway engineer

- Leading constructability reviews, preparing change orders, management of design sub-consultants and finalizing closeout documents
- Prior experience in managing a subtask of a larger project is required

- 10+ plus years of experience in engineering roadway design
- Bachelor's degree in Civil Engineering or related field from a 4-year accredited college or university
- Ability to market