



Example of Municipal Engineer Job Description

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Our growing company is looking to fill the role of municipal engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for municipal engineer

- Assists Exercises judgment in the independent evaluation, selection, and substantial adaptation and modification of standard techniques, procedures and criteria
- Responsible for conceptualizing the initial design approach for a major phase of a large project, or have overall responsibility for the engineering work on a project of limited scope
- Plans, schedules, conducts or coordinates engineering work involving conventional engineering practices but may include a variety of complex features such as conflicting design requirements
- Supervision of less experienced engineers or technical support personnel is exercised on an assignment basis and is not an on-going substantial component at this level
- Prepares and submits permit forms to Townships/Cities
- Building and developing client relationships
- Detailed Design of water supply systems, sanitary sewers, stormwater management with a focus on major pump stations and large diameter infrastructure
- Independently develops and/or supervises the creation of engineering products that meet customer requirements
- Typical products may include detailed calculations, drawings, Construction and Procurement Contract documents, design and installation packages, proposal evaluations, technical reports, approvals packages, detailed analyses and specifications
- Performs other responsibilities associated with this position as may be

Qualifications for municipal engineer

- Experience with road and intersection design would be considered beneficial
- Experience in working with clients in both public and private sectors
- Bachelor's degree in Civil Engineering, Water/Wastewater Engineering, Municipal Engineering or related field
- Staff development and supervision skills
- Knowledge of HEC-1, HEC-HMS, HEC-RAS, GEO-RAS, storm drain system analysis
- 5+ years of municipal engineering and design and project management experience in consulting engineering environment delivering municipal projects