



# TechniQuest Corporation

Engineering Consultation & Construction Inspection

## Celebrating Over 25 Years of Professional Excellence

Design Engineer (Traffic Engineering, Traffic Data Collection & Transportation Planning)

### Job Description:

Responsible for performing traffic data collection, data reduction, engineering analyses and engineering design using knowledge of general engineering principles and practices to interpret, organize, execute, and coordinate assignments with limited supervision. Project roles and responsibilities require performance of various design and study related traffic engineering tasks, as well as field inventory.

### Essential Functions and Responsibilities

The successful candidate will be responsible for:

- Perform traffic data collection
- Perform operational analysis and safety studies
- Performing data reduction and analysis
- Performing engineering design on projects under the guidance of a Professional Engineer
- Prepare Traffic Signing, Striping & Pavement Marking design plans
- Prepare MOT, TMP and Detour Plans for design projects
- Perform traffic analysis and modeling
- Perform traffic signal, signing, striping and electrical plan design
- Assist in the preparation of engineering documents for advertisement and construction

### Required Skills

- Excellent interpersonal and organizational skills
- Excellent verbal and written communication skills
- Participation in a team-based management style
- Experience in Microsoft Office, Excel, PowerPoint
- Experience in Computer Aided Design (CAD) (i.e. MicroStation, AutoCAD)
- Written and oral communication skills

### Required Experience:

- 1 to 3 years of design experience in the transportation field
- BSCE or MS degree in Civil Engineering or a related field from ABET accredited engineering program
- Valid Driver License
- EIT/FE certification preferred

### Job Type:

Full-Time/Regular

Email your resume with salary requirements to: [hr@tqcmail.com](mailto:hr@tqcmail.com).

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