



### **Job Description:**

TQC has an opening for a Project Engineer to support our traffic engineering group from our Manhattan office. Project roles and responsibilities include the preparation and oversight of various design and study related traffic engineering tasks.

### **Responsibilities**

- Preparation of transportation design plans including Traffic Signal, Signing & Striping, Pavement Marking, Maintenance of Traffic, Electrical, and Lighting plans.
- Analysis and computation of transportation data such as vehicle turning movement volumes, historical crash data, cost estimation, seasonal trends, etc.
- Performance of traffic engineering analyses such as intersection capacity analysis, signal warrant analysis, and safety analysis.
- Preparation of transportation reports and memoranda.
- Reviewing the above-mentioned tasks for Quality Assurance/Quality Control.
- Coordinating with engineers and managers to meet project deadlines.
- Provide on-site staff augmentation for local agencies (PANYNJ, NJDOT) on an as-needed or part-time basis.

### **Required Skills**

- Excellent interpersonal and organizational skills
- Excellent verbal and written communication skills
- Experience in Microsoft Office (Excel, Word, Teams, PowerPoint)
- Experience in transportation analysis and simulation programs (Synchro, HCS, Vissim)
- Experience in Computer Aided Design (AutoCAD, Civil3D, MicroStation)
- Experience in Computer Aided Lighting Design (AGI32) preferable

### **Required Experience**

- A Bachelor's degree in Civil Engineer or related field required.
- Two to six years of design experience in the transportation field.
- Engineer in Training (EIT) certification required.
- Familiarity with PANYNJ and NJDOT standards preferable.
- An active PE license in the State of NJ and/or NY, or ability to obtain within 1 year preferable.
- Local project experience/knowledge preferable.

Equal Opportunity Employer

### **Job Location:**

Manhattan, NY, United States

On-site staff augmentation at local agencies (PANYNJ, NJDOT) on an as-needed or part-time basis.

### **Job Type:**

Full-Time/Regular. Email your resume with salary requirements to: [hr@tqcmail.com](mailto:hr@tqcmail.com)

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