

Tighe & Bond is seeking a **Traffic Engineer** with 5-10 years of experience for the Worcester, Westfield, or Westwood MA offices. This is an excellent opportunity to join a stable yet growing firm committed to developing staff at all levels. As a Traffic Engineer in the firm, you will be involved in a variety of traffic engineering tasks, including transportation planning, traffic signal design, intersection design, traffic impact analysis, parking studies, and construction observations/inspection of various traffic, parking and roadway improvement projects for public and private sector projects in New England.

Key Responsibilities would include:

- Understanding of traffic signal operations, and design of traffic signal systems and roadways
- Plan preparation for Traffic Signal, Maintenance & Protection of Traffic, Roadway and Site projects based on applicable design standards for various State, municipal, and private clients in New England
- Traffic analysis and modeling (macro and microscopic modeling)
- Transportation planning, safety engineering, corridor and parking studies
- Preparation of technical specifications and quantity and cost estimates
- Preparation of reports such as Functional Design Reports, Design Exception Reports, Traffic & Parking Studies, etc.
- Performing site visits, signal inspections, and construction observation on an as-needed basis
- Interacting and making presentations to clients, boards and commissions

Requirements

- BS degree in Civil Engineering
- Certification –IMSA (International Municipal Signals Association) and PTOE Certifications preferred, but not a requirement to apply
- 5-10 years of previous experience in traffic engineering, transportation planning and design
- Professional registration as a Professional Engineer (P.E.) is preferred, or demonstrated ability secure the same relatively quickly
- Must have a working fluency with Synchro, SimTraffic, AutoCAD, Microsoft Excel and Word. Experience with AutoCAD Civil 3D, VISSIM, Sidra and MicroStation is preferred

Ideal candidates will have a strong educational and technical background and good interpersonal skills. Design experience with AutoCAD/MicroStation in the development of construction drawings will be essential to performing in this role. Previous project experience utilizing traffic analysis software and preparing traffic studies is required. Previous work experience that show self-motivation and the ability to work as a collaborative member of a team will be viewed as beneficial. Preferred candidates will also have very good written and verbal communication skills.

Tighe & Bond provides comprehensive engineering and environmental services to hundreds of public and private clients across the northeastern United States, with emphasis on the education, energy, government, healthcare, industrial, real estate, and water/wastewater markets. An employee-owned firm, our staff of more than 350 people work from offices located in Portsmouth, New Hampshire; Westwood, Pocasset, Worcester and Westfield, Massachusetts; Middletown and Shelton, Connecticut; and Rhinebeck, New York. *Engineering News Record* ranks Tighe & Bond as a top 10 New England design firm, a top 500 national design firm, and a top 200 environmental firm. *Building Design + Construction* ranks Tighe & Bond as one of the top 60 engineering firms in the United States, and *Zweig Group* has recognized Tighe & Bond several times as a best engineering firm to work for in the United States.

In addition to offering challenging assignments, individual career growth and competitive salaries, Tighe & Bond provides an outstanding benefits package including comprehensive health, dental, life and disability insurance, flexible spending accounts, an Employee Stock Ownership Plan (ESOP), 401(k) Plan, internal training and professional development programs, and tuition reimbursement.

Visit our website at www.TigheBond.com for more details on our company. An Equal Opportunity Employer.