The Traffic Staff Engineer will join our Traffic & Transportation Team in our Westfield, MA office and work on multi-disciplinary projects with staff from our northeast regional offices.

At Tighe & Bond, we pride ourselves in fostering a learning environment where our employees can grow and thrive. Our friendly company culture is small enough to celebrate personal milestones and recognize individuals for their contributions and we are committed to the well-being of our employees, the communities where we work, and the environment in which we live.

Qualifications:
• Minimum 3 years of previous experience in transportation and traffic engineering, including transportation planning and roadway design
• BS degree in Civil Engineering
• Professional registration as a Professional Engineer (PE) or the ability to obtain licensure within one-year is preferred, but not necessary
• Certification as a Professional Traffic Operations Engineer (PTOE) and Registered Safety Professional (RSP) are advantageous
• Must have a working fluency with Synchro, SimTraffic, experience with VISSIM and Sidra are differentiators
• Experienced with AutoCAD Civil 3D and MicroStation experience is preferred
• Previous project experience utilizing traffic analysis software and preparing traffic studies is required
• Traffic control signal design including the preparation of construction documents and facilitating regulatory approval experience is a plus
• Roadway and/or Site Design experience with AutoCAD/MicroStation in the development of construction drawings is preferred
• Microsoft Office Suite experience is also required
• Must have a working fluency with Synchro, SimTraffic, experience with VISSIM and Sidra are differentiators
• Experienced with AutoCAD Civil 3D and MicroStation experience is preferred
• Previous project experience utilizing traffic analysis software and preparing traffic studies is required
• Traffic control signal design including the preparation of construction documents and facilitating regulatory approval experience is a plus
• Roadway and/or Site Design experience with AutoCAD/MicroStation in the development of construction drawings is preferred
• Microsoft Office Suite experience is also required
• Must thrive in a fast-paced, multi-tasking environment, love challenges and details, be resourceful, and have great organizational and time management skills

Responsibilities:
• Projects will include transportation planning studies, traffic impact analysis, parking studies, roadway design, intersection traffic control design, and construction observations/inspection of various traffic, parking and roadway improvement projects for public and private sector clients in New England with a focus in Massachusetts
• Traffic analysis and modeling (macro and microscopic modeling)
• Transportation planning, safety engineering, corridor and parking studies
• Preparation of reports such as Traffic Impact & Parking Studies, Design Reports, Functional Design Reports, Design Exception Reports, etc.
• Assisting with roadway and intersection design plan preparation, maintenance & protection of traffic, based on applicable design standards for various State, municipal, and private clients in New England
• Assisting with the preparation of contract documents, bid documents, technical specifications and quantity and cost estimates
• Performing site visits, signal inspections, and construction observation on an as-needed basis
• Presentations to regulatory, technical, and public audiences, including attending community meetings to support projects
• Collaborating with and mentoring entry level staff to perform analyses and design

Our best-in-class compensation and benefits package includes competitive salaries, profit sharing, an employee wellness program, a generous health care plan, dental, life and disability insurance, flexible spending accounts, ESOP, 401(k) plan, PTO, internal training and professional development, and a tuition reimbursement program.
Tighe & Bond is a growing, well-established, employee-owned, engineering and environmental consulting firm with 420 employees. A Top 10 New England ENR design firm, Tighe & Bond was recognized by Civil Engineering News and Zweig Group as one of the “Best Firms” to work for in the country. Our team of engineers, scientists, planners, and other professionals provide creative solutions for critical challenges that impact water resources, wetlands, the environment, climate change, and sustainability from eleven offices across Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and New York. The firm offers employees an inviting mid-size company culture, and an opportunity to develop a rewarding career that can have an impact on the environmental development of the Northeast region.

Tighe & Bond is an equal opportunity employer and affords equal opportunity to all applicants and employees for all positions without regard to race, color, religion, gender, national origin, age, disability, veteran status or any other status protected under local, state or federal laws.

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