

Job Posting – Traffic Engineering Senior Associate

Traffic Engineers, Inc. (TEI) is seeking talented, motivated individuals to join our award-winning, multimodal transportation planning and engineering staff in downtown Houston. Our work focuses on bringing innovative yet implementable transportation solutions to address our clients' critical mobility and access needs. Our approach to projects is multidisciplinary and integrates land use, economic development, health, and environmental factors to deliver the best outcomes.

We are seeking fun, dynamic individuals with solid skills in traffic engineering and a strong interest in all modes of transportation, as well as a desire to dig in and get involved with the communities where they work. Strong leaders, transportation geeks, and people with an inclination toward advocacy are most likely to excel at TEI.

Learn more about TEI
and the work we do:
www.trafficengineers.com

Roles & Responsibilities

In this position, the successful candidate will assist our traffic engineering group with preparing engineering design documents, studies, and modeling in a wide range of areas, including traffic operations, safety for all users, and transportation planning projects. Senior associates report to principals of the firm.

Individuals will be expected to own and manage components of larger projects and complete small projects independently while working in the broader context of a team. They will be asked to work successfully with clients and the public on projects. They will support outreach and the development of new projects for the firm. They will be expected to grow into leadership roles on their projects, within the firm, and in the community.

Qualifications & Requirements

TEI is looking for an individual with 3 – 7 years of professional service / consulting experience. The Associate role is typically for someone with 0 – 3 years of experience. Senior Associates typically bring 3 – 7 years of experience. Solid skills in some or all of these areas is strongly preferred:

- Traffic signal design and Intelligent Transportation Systems (ITS) design
- Intersection design including ADA standards, protected intersections, modern roundabouts
- Traffic engineering, operations, and signal timing
- Context sensitive and Complete Street design
- Bicycle and pedestrian facility design
- Traffic operations studies and traffic impact analyses
- Multimodal corridor studies, including modeling of multimodal interactions
- Safety assessments and traffic calming



INNOVATIVE TRANSPORTATION SOLUTIONS

The candidate should meet the following qualifications:

- A bachelor's degree in civil engineering, urban planning, transportation planning, or related field.
- Demonstrated skills in CAD (MicroStation strongly preferred).
- Demonstrated skills in microsimulation and modeling (e.g., Synchro, VISSIM, Vistro).
- Basic understanding of application of design guidance, including ITE, MUTCD, NACTO, AASHTO, and TxDOT requirements.
- Strong analytic and problem solving ability.
- Organization skills and the ability to manage complex projects on-time and on-budget.
- Demonstrated excellence in written, verbal, and other communication, including skills with Microsoft Office Suite.
- A track record of leadership in your work and personal pursuits.

TEI values the following additional qualifications:

- Professional Engineer (PE) license or Engineer-in-Training (EIT) certification is strongly preferred but not mandatory if candidate is on track to obtain.
- An advanced degree in civil engineering, urban planning, or transportation planning is preferred.
- Additional accreditation as PTOE, IMSA, PTP, or AICP is also encouraged.
- Demonstrated skills with GIS, including the ability to map and query data are relevant.
- Demonstrated skills with Adobe Creative Suite (InDesign, Illustrator, Photoshop) are valued.

Salary & Benefits

Benefits include medical insurance, bike share membership, commuting benefits, and a retirement savings program. Our time off policy is very flexible and can be designed to meet your needs. Other benefits of the position include a flexible, dynamic work environment and a fun and collaborative office culture. TEI was also recently named the first Gold Level Bicycle Friendly Business in the State of Texas.

Salary and title will be dependent on applicant's qualifications and experience. Start date is flexible but we are interested in adding additional staff in the near future.

Equal Opportunity Employer

We are an equal opportunity employer. Women, minorities, people with disabilities, and veterans are strongly encouraged to apply. TEI will consider all qualified applicants without regard to race, color, national origin, citizenship, sex (including gender, gender expression, and pregnancy), sexual orientation, marital status, age, disability, military or veteran status, religion, political preference, or other status protected by law.

To apply, please PDF and combine your cover letter and resume and email to careers@trafficengineers.com.

Letters can be addressed to:

TEI Hiring Manager
801 Congress Street, Suite 325
Houston, Texas 77002-1767