

Job Description – Transportation Project Engineer

Thomas Engineering Group, LLC (TEG) seeks a Transportation Project Engineer to join our team.

Duties and Responsibilities

A potential candidate will be expected to be able to work independently or within multi-discipline teams performing studies and plan development for the planning and design of intersections and/or interchanges, roadway/interstate segment improvements and/or local route construction projects. Ideally, this candidate can immediately begin to demonstrate proficiency in roadway geometrics, alternatives analysis, alignment studies, written reports, traffic analysis and preparation of plans, specifications and estimates.

We are looking for an individual with comprehensive knowledge of IDOT and CDOT design standards and specifications. The successful applicant should be able to outline and prepare successful proposals and reports. Additionally, this person should be a motivated, self-starting individual that aspires to work in a team environment and to ultimately grow and mature into a project management role. A typical day may include performing crash or intersection design studies, leading a small group discussion for developing problem statement or stakeholder consensus, working with traffic and/or drainage engineers to perform alternative analysis or assisting in the development of exhibits for public involvement strategies. The ability to analyze and solve multimodal transportation problems is essential.

Desired Skills and Experience

- Bachelor's Degree in Engineering at an ABET accredited school
- 5 years engineering experience
- Professional Engineer Licensure
- Preparation of various traffic / transit / bicycle / pedestrian designs
- Preparation of traffic impact studies
- Preparation of transportation planning studies
- Mentoring junior design engineers and technicians
- Attending client and agency meetings
- Assisting in proposal preparation
- Preparation of technical memoranda and reports
- Presenting at public hearings
- Familiarity with traffic analysis and HCS software



- Familiarity with other traffic simulation tools, including, but not limited to, Synchro/SimTraffic, and VISSIM viewed as a plus
- Familiarity with CADD (Bentley software preferred) software viewed as a plus
- Multimodal/intermodal facility planning
- Advanced graphics communications (InDesign, Illustrator, SketchUp, Photoshop)
- Excellent and efficient oral and written communications skills
- Strong organizational skills
- Valid U.S. driver's license

Compensation

Negotiable; dependent upon qualifications and experience.

Contact

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About Us

TEG, founded in 2008, provides reliable, sustainable, cost effective solutions to the engineering needs of State, County, and Local Agency clients. Our clients count on TEG's trademark *service at the highest grade*® in all of the lines of business in the public sectors that we serve. Our professional engineering firm is focused on providing the following services:

- Transportation Planning and Design
- Structural Engineering
- Construction and Resident Engineering
- Municipal Engineering
- Stormwater Management
- Water Distribution
- Land Surveying

TEG is an Equal Opportunity/Affirmative Action employer. TEG fully supports and maintains compliance with all state, federal, and local regulations. TEG does not discriminate against associates or applicants because of race, color, religion, sex, sexual orientation, national origin, age, disability, marital status, protected Veteran status, genetic information, or any other category protected by federal, state, and local laws.

