



Traffic Signal Design Manager

Job Purpose

The Traffic Signal Design Manager will oversee all work completed in the Traffic Signals group and lead, manage, and hold accountable the associates assigned to the Traffic Signals group. The Traffic Signals Design Manager will work with the Operations Director and Traffic Signals Project Managers to provide reporting, management, and execution of traffic signal design projects. The Traffic Signals Design Manager will regularly coordinate with the Traffic Operations Manager regarding workload and assignments for staff.

Duties and Responsibilities

- Provides project management including planning, developing, implementing, managing and evaluating traffic operations projects to ensure objectives are met.
- Develop signal designs based on NCDOT and other State standards (VA and SC), including geometric layout, electrical details, pole loading diagrams
- Develop and review signal design, scope, and fee proposals
- Coordination and attendance at project meetings with clients, public officials, engineers, planners and transportation system users.
- Review and provide QA/QC for signal designs developed by colleagues
- Design of alternative intersections and advanced signal features such as preemption for rail and emergency vehicles
- Interfaces directly with client and supervises subcontractors for project implementation.
- Provides senior level traffic operations and project management expertise.
- Leads, manages, and holds accountable employees, including delegation and providing regular feedback as well as annual reviews.
- Involved with project administrative activities including proposal preparation, monthly billing, billing projections, etc.
- Manages employee's time and expense reports.
- Participate in marketing efforts
- Maintain client satisfaction/confidentiality

Qualifications

- Bachelor's degree in Civil Engineering is required.
- PE is required.
- 7-10 years progressive traffic signal design experience.
- Experience working with NCDOT and SCDOT is a strong plus.
- Experience working with State or Municipal Agencies.
- Experience working with private sector clients.
- Strong analytical, decision making, organizational, and time management skills.
- Strong oral and written communication skills.
- Candidate needs to be comfortable with transportation engineering software packages standard in the industry.
- Proficient in MicroStation
- Experience negotiating with private and public sector clients.

Demonstrated Abilities

- Collaboration skills
- Technical capacity



- Communication proficiency
- Flexibility
- Time management

Physical Requirements

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand; walk; use hands to finger, handle or feel; and reach with hands and arms.

Travel

Travel is primarily local during the business day, although some out-of-the-area and overnight travel may be expected. Travel to be expected will be less than 20% of working time and will consist primarily of site visits and meetings.

Reports to

Operations Director

Direct Reports

Yes - Traffic Signals Group members – Project Managers and Project Engineers