

**Trenton, New Jersey Office  
Project Traffic Engineer**

**Job Description:**

Responsible for engineering design using knowledge of general engineering principles and practices to interpret, organize, execute and coordinate assignments with limited supervision. Acts as a technical advisor to less experienced engineers. Project roles and responsibilities require performance of various design and study related traffic engineering tasks. Depending on the size and complexity of the task, this position may be required to lead project teams.

**Essential Functions and Responsibilities**

Performance of various traffic engineering design tasks, including the design of traffic signals, preparation of traffic signing, striping and pavement marking plans, design of intersection lighting and electrical plans, design of intelligent transportation systems (ITS); and the preparation of detours, Transportation Management Plans and Traffic Control Plans.

Traffic planning/studies work include determining traffic signals warrants, performing crash data analysis, performing traffic operational analysis, designing improved signal timings, as well as analyzing roadway corridors and developing travel demand forecasts using transportation planning models.

Other roles and responsibilities may include the preparation of Plans, Specifications and Estimates (PS&E), developing construction cost estimates, manage project sub-consultants and in-house support disciplines, develop extra work order requests and open-end contract task proposals, attend meetings with clients and coordinate with internal team members to ensure project completion by the defined deadline and established quality.

**Required Skills:**

- Experience using traffic engineering design and analysis, planning and CAD software, such as HCS, SYNCHRO, and Microstation is required.
- Practical knowledge of construction of traffic control devices is desirable
- NJDOT, County and/or local municipalities work experience is a plus.
- Proficiency in discipline specific design software
- Proficiency in Microsoft Office
- Excellent written and communication skills

**Required Experience:**

- Bachelor's degree in civil engineering or a related field from an ABET accredited engineering program
- Candidate should have at least 4 years of experience in the above listed duties.
- PE preferred or ability to obtain within 1 year of hire

Equal Opportunity Employer

**Job Location:**

Trenton, Delaware, United States

**Job Type:**

Full-Time/Regular