

Job Title: Supervising Transportation Engineer

Positions: 1

Overview:

Under the direction of the County Engineer, the SUPERVISING TRANSPORTATION ENGINEER will have specific experience with traffic signal design and advanced traffic management systems. Their responsibilities will include project management, design and design management, personnel management, specification, and scope of work preparation.

Responsibilities:

DUTIES AND RESPONSIBILITIES:

- Provides technical guidance for highway and intersection engineering projects.
- Provides direction to resolve technical issues.
- Provides technical assistance, leadership, mentoring, and support for management and staff.
- Technical liaison to municipalities.
- Provides independent technical review, makes recommendations as requested.

OTHER INFORMATION:

KNOWLEDGE, SKILLS, ABILITIES

- Knowledge and application of Civil Engineering principles, practices, and procedures.
- Knowledge of federal, state, and local regulations and laws governing the planning, design, construction, and maintenance of signing, striping and signalized intersections.
- Ability to establish and maintain effective working relationships.
- Knowledge in NJDOT roadway design manual, MUTCD, ADA (PROWAG), HCM, ITE guidelines, AASHTO, NJAC and Title 39.
- Knowledge of Intelligent Transportation Systems.
- Knowledge of NACTO Guidelines
- Familiarity with Complete Streets Principles
- Ability to organize and prioritize tasks.
- Knowledge of applicable software applications such as (Synchro, SimTraffic, HCS, CENTRACS)
- Design software experience is preferred (AutoCAD)
- Strong writing skills, including experience in writing technical reports
- Proficiency in MS Office products - Word, Excel and Power Point
- Ability to plan, assign, and supervise engineering personnel.
- Ability to exercise sound judgment in decision-making.
- Ability to accurately identify operational problems and solutions.
- Ability to support maintenance of a team-oriented environment.
- Ability to generate fluent new and useful ideas.
- Ability to recognize and solve problems sensibly and swiftly.
- Ability to solve problems using deductive reasoning and multitask.
- Ability to fully and quickly comprehend spoken words.
- Ability to express one's self orally.
- Ability to read and write at professional level.

RELATIONSHIPS

- Regular interaction with Municipal, County and State of New Jersey staff.
- Interaction with the public, contractors, landowners, and others.
- Conrail, Amtrak and NJ Transit

SUPERVISORY RESPONSIBILITIES

- Direct supervision of engineering staff.

Qualifications:

Education and Experience

- Fifteen (15) years' Transportation work experience including the following:
 - Analyses and interpretation of traffic data and traffic operations;
 - Working with traffic control systems and maintenance and protection of traffic including detours;
- Preparation of specifications for traffic related items and activities as well as scopes of work for highway and intersection projects
- **Required Certifications/Licenses**
- Must have a Professional Engineering License (P.E.) as a Civil Engineer in the State of New Jersey.
- Valid New Jersey driver's license with proof of insurance.