

Title	Principal Engineer – Traffic Engineering (Job ID #: 32380)
Department/Division	Engineering/Design Division
Location	4World Trade Center

## Responsibilities

Under the supervision of the Chief and Assistant Chief Traffic Engineer, the successful candidate will lead and manage one of Traffic Engineering’s functional groups and supervise professional and technical staff, including Port Authority employees and consultants, as they prepare/conduct traffic engineering planning studies, traffic operations studies, traffic safety studies, contract drawings, specifications and cost estimates, and transportation technologies (ITS) initiatives. The successful candidate will also assist in delivering the Port Authority’s Operating and Capital work in a timely and cost-effective manner to ensure the safe and efficient travel of the public using our facilities.

Responsibilities also include but are not limited to the following:

- Mentor assigned staff to ensure appropriate development of technical and management skills and knowledge. Promote team spirit, creativity and professional development.
- Properly delegate work responsibility to assigned staff and ensure that staff time is used in an efficient manner. Ensure the production of complete, quality work that meets the customer's needs, and that all work reflects a rational decision-making process with a solid technical basis. Manage and audit design work and studies performed by consultants.
- Identify additional staffing needs and work with Chief and Assistant Chief Traffic Engineer to fill those needs.
- Supervise the development of all technical work and ensure proper coordination with all appropriate internal and external stakeholders, and perform quality control review. Monitor work progress, especially schedules and budgets, and ensure that project delivery metrics are met. Anticipate problems and take preventive/corrective action.
- Assist Chief and Assistant Chief Traffic Engineer with administrative tasks as required.

## Qualifications

- Bachelor’s Degree in Engineering with major coursework in Civil/Transportation Engineering from an accredited college or university.
- Must be a Licensed Professional Engineer (P.E.) in NY or NJ, or have the ability to obtain via reciprocity within 6 months.
- Minimum 10 years of experience in progressively more difficult and responsible traffic engineering work in the areas of operations, safety, planning, ITS, and/or design is required. Examples of relevant experience include traffic planning studies and traffic simulation; geometric design; traffic safety studies; ITS system planning and design; traffic operations including signal operations, sign systems, roadside safety features, and pavement marking design; and preparation of contract drawings, technical specifications and cost estimates.
- Demonstrated experience in establishing project plans, setting priorities, coordinating activities, handling multiple tasks simultaneously and delegating tasks and responsibilities that are multi-faceted and complex.
- Demonstrated leadership skills and experience managing a diverse workforce with varying work backgrounds, expertise and levels.
- Strong interpersonal skills and the ability to be persuasive with staff at all levels.
- Must meet performance and attendance standards and have completed all probationary periods at the time of appointment to this position.
- Must have a valid auto driver license.

**Desired:**

- Possession of a Masters Degree in Transportation.
- Possession of certification as a Professional Traffic Operations Engineer (PTOE).
- Thorough understanding of the Agency's Capital authorization process and project delivery workflow.
- Thorough knowledge of and experience with applying concepts from the Manual on Uniform Traffic Control Devices (MUTCD), AASHTO Green Book, and AASHTO Roadside Design Guide.
- Experience with Asset Management.
- Experience with active traffic management as part of an Operations Center.

Apply Online: <http://www.jointheportauthority.com/jobs/2887105-principal-engineer-traffic-engineering>

View other jobs at [www.jointheportauthority.com](http://www.jointheportauthority.com)

**About The Port Authority**

Founded in 1921, the Port Authority of New York and New Jersey builds, operates, and maintains many of the most important transportation and trade infrastructure assets in the country. The agency's network of aviation, ground, rail, and seaport facilities is among the busiest in the country, supports more than 550,000 regional jobs, and generates more than \$23 billion in annual wages and \$80 billion in annual economic activity. The Port Authority also owns and manages the 16-acre World Trade Center site, where the 1,776-foot-tall One World Trade Center is now the tallest skyscraper in the Western Hemisphere.

**EQUAL OPPORTUNITY EMPLOYER**

The Port Authority of New York & New Jersey/Port Authority Trans-Hudson (PATH) is an Equal Opportunity Employer.