

TOWN OF NORTH HEMPSTEAD

TRAFFIC SYSTEMS INSPECTOR 1

GENERAL STATEMENT OF DUTIES

Inspects the installation, construction and maintenance of all phases of traffic control and streetlight equipment by outside contractors, and collects and prepares data for traffic studies; performs related duties as required.

COMPLEXITY OF DUTIES

Under general supervision, the duties require the exercise of judgment in inspecting the installation, construction and maintenance of all phases of traffic control and streetlight equipment by outside contractors, and in collecting and preparing data for traffic studies.

TYPICAL DUTIES

- * 1. Inspects the installation, construction and maintenance of all phases of traffic control equipment and streetlight equipment by outside contractors.
- * 2. Inspects the installation of all aboveground traffic signal equipment, including computer controlled traffic signals, related electrical components, conduits, and concrete, asphalt, sidewalks, curbs, and foundations.
- 3. Inspects for proper operation and timing of all traffic signal equipment.
- * 4. Constructs, maintains and repairs traffic control devices.
- 5. Collects and prepares data for traffic studies.
- * 6. Conducts field surveys of vehicular and pedestrian traffic patterns, may make recommendations based on observations.
- * 7. Identifies and marks existing field traffic signal equipment and underground conduits; assists in preparing plans for pavement markings and in the layout of markings.
- 8. Prepares and reads plans and blueprints.
- 9. Assists in preparing traffic flow maps.
- * 10. Measures, tests and calculates material quantities for billing and/or reviewing contractor bills.
- 11. Maintains records and prepares reports.

***TYPICAL ADA ESSENTIAL FUNCTIONS**

FULL PERFORMANCE KNOWLEDGES, SKILLS, AND ABILITIES

1. Considerable knowledge of the operation, maintenance and repair of traffic signals and traffic control devices such as signs, signals, and pavement markings.
2. Considerable knowledge of the techniques used for collection, analysis and presentation of varied engineering data.

3. Considerable knowledge of the principles and practices of traffic and transportation technology and regulations.
4. Knowledge of the principles of electricity and electronics.
5. Knowledge of the principles, practices, tools and equipment of the electrical trade.
6. Knowledge of basic electronics, including circuitry, schematics, wiring diagrams, and tools and test equipment used in electronic repair.

FULL PERFORMANCE KNOWLEDGES, SKILLS, AND ABILITIES (Continued)

7. Knowledge of the interpretation of plans, charts, graphs, technical instructions and blueprints.
8. Knowledge of mathematics related to traffic control technology.
9. Ability to establish and maintain effective working relationships with associates, contractors, municipal officials, and the general public.
10. Ability to prepare simple visual representations by hand or computer aided.
11. Ability to maintain records and prepare reports.

MINIMUM QUALIFICATIONS

Training and Experience

Graduation from high school
and

Two years of satisfactory experience inspecting the installation, construction and maintenance of traffic control equipment and streetlight equipment by outside contractors, and collecting and preparing data for traffic studies.

Necessary Special Requirement

Continuing possession of an appropriate class, valid New York State Driver License.

Please Note:

This will be a provisional position until Civil Service approves the candidate for permanent status. To qualify for this position the Applicant **must be prepared to take the Traffic Systems Inspector Service Exam once given.**

Salary:

Range of \$62,247-\$64,014 annually

**Interested applicants should send a resume and cover letter in confidence to
Commissioner of Human Resources Bob Weitzner at:
careers@northhempsteadny.gov**