

SENIOR TRAFFIC TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: The incumbent of this position performs and supervises technical field and office work as related to the traffic engineering field. The work involves conducting and reviewing field studies, traffic flow and street usage.. This position is responsible for the coordinating and supervision the traffic signal operations, sign installation and maintenance operations. Direct supervision would be received from the department head, Chief Supervisor of Traffic Engineering or and/or their designee. Direct supervision would be exercised over the work of Traffic Technician and traffic maintenance staff.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

- Supervises and participates in conducting traffic studies and surveys, such as traffic counts, speed and time delays, condition diagrams, work assignment diagrams, etc.;
- Supervises work, takes notes and makes contact with the general public;
- Records physical street lay-outs, including signs, traffic signals and pavement markings;
- Performs supervisory or technical drafting work such as that involved in engineering drawings;
- Prepares general and special purpose maps;
- Summarizes field traffic data and prepares reports for traffic studies;
- Oversees and participates in the review of complaints received relative to parking and traffic problems and responds as necessary;
- Reviews and prepares traffic signal design documents and signal timings;
- Reviews and prepares capacity analysis documentation;
- Reviews and prepares warrant studies;
- Inspects contract work related to traffic signal, traffic sign and pavement marking installation;
- Performs preliminary and final estimates for traffic signal projects;
- Assists with, prepares and reviews traffic studies;
- Oversees and maintains records and reports necessary for the division;
- Performs placement and programming of Variable Message Boards & Driver Feedback Speed Signs;
- Supervises and performs tasks related to Emergency No Parking System;
- May supervise and perform tasks related to snow removal;
- Enters and retrieves information in automated information systems;
- Performs related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Good knowledge of federal and state manuals of uniform traffic control devices;

- Good knowledge of General City ordinances related to Traffic Engineering;
- Good knowledge of the practices and procedures in gathering traffic data;
- Good knowledge of New York State Vehicle and Traffic Laws;
- Working knowledge of construction specifications, plans, estimates, codes, rules and regulations relating to public works construction contracts;
- Working knowledge of traffic engineering software;
- Ability to compile and analyze traffic data;
- Ability to supervise the work of subordinate personnel;
- Ability to communicate verbally, and in writing;
- Ability to understand and carry out written and oral directions;
- Ability to work outdoors in varying conditions;
- Ability to establish and maintain effective working relationships with other personnel, contractors, engineers and the general public;
- Mental alertness;
- Good judgment;
- Accuracy;
- Reliability;
- Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- (A) Graduation from a regionally accredited or New York State registered college or one accredited by the NYS Board of Regents to grant degrees with an Associate's Degree in civil engineering, civil technology, construction technology or a related field;
- (B) Graduation from high school or possession of a high school equivalency diploma and two (2) years of experience in traffic planning, or a related field;
- (C) Any equivalent combination of training and experience as defined by the limits of (A) and (B) above.

SPECIAL REQUIREMENT: A valid NYS Driver's License is required at the time of appointment and for the duration of employment.

NOTE: Position may require working on weekends and holidays, alternating shift assignments, and on an on-call basis.

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