

SIGN TECHNICIAN

DISTINGUISHING FEATURES OF THE CLASS: The work involves technical and supervisory duties with responsibility in traffic control plan design and implementation. Signage is erected and maintained and pavement marking applied in accordance with guidelines provided by New York State Regulations for Uniform Traffic Control Devices. The work is performed under the general supervision of the Director of Engineering. Supervision is exercised over Traffic Control Technicians and Traffic Sign Maintainers. A Supervising Traffic Control Technician does related work as required.

TYPICAL WORK ACTIVITIES:

- Performs field duties independently or with a crew, or assigns crews to field duties at different locales, along the highway systems primarily within the County;
- Maps out traffic control plans, sign location diagrams, pavement marking layouts, interchanges, access and peripheral roads, parking areas, and private drive exits;
- Evaluates traffic data to determine the transportation impact of private development and population growth, and use and impact of these factors on main roads and bridges, cross streets, and parallel roads and bridges;
- Interprets New York State Regulation for Uniform Traffic Control Devices;
- Reviews signage design and placement procedures, and recommends appropriate actions based on findings;
- Assists in establishing traffic regulations, quality control requirements, and quality assurance programs to assure that signage projects meet specified NY State requirements concerning capacity, operational, and safety conditions of the road corridor;
- Negotiates with NY State, towns, villages, and other counties to secure contracted or in-house detour routes to avoid roadway construction projects;
- Coordinates road and bridge closures and detours to ensure compliance with work zone control plan;
- Supervises and participates in the installation of traffic signs;
- Patrols County roads and locates traffic control devices in need of repair or replacement;
- Assigns workers to indexing of roadways in preparation for pavement striping;
- Participates and assigns workers to inventory signage, guardrails, culverts, and bridges;
- Oversees a program for traffic counts in various sectors of the County;
- Oversees the fabrication of traffic signs using specialized sign making equipment;
- Maintains records of work performed and its location for input into a Geographical Information System;
- May appear as the County's expert witness in litigation implicating road signage;
- Advises town highway superintendents of methods to select and place road signs as requested.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL

CHARACTERISTICS: Good knowledge of the New York State Manual of Uniform Traffic Control Devices; ability to install traffic signs in accordance with specification contained in the Manual of Uniform Traffic Control Devices; ability to make rudimentary drawings of sign installation sites; ability to layout and supervise the work of others; ability to follow oral and written instructions; ability to maintain cooperative relations with the public; manual dexterity; mechanical aptitude; willingness to work outdoors year round; physical condition sufficient to perform the essential functions of the position.

MINIMUM QUALIFICATIONS:

- A) Graduation from a regionally accredited or New York State registered college or university with at least an associates degree in engineering or engineering technology; chemical, civil, mechanical, sanitary engineering technology, drafting, mathematics, science or related field and two (2) years of experience involving surveying, drafting or the work of an Engineering Technician or aide;

OR

- B) Graduation from high school or possession of a high school equivalency diploma and five (5) years of progressively responsible experience involving surveying, drafting or the work of an Engineering Technician or Aide.

SPECIAL REQUIREMENT: Possession of a Class D New York State driver's license at time of appointment.

CATTARAUGUS COUNTY CIVIL SERVICE COMMISSION

Revised: 6/24/04