

## ENGINEERING TECHNICIAN (TRAFFIC)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, works as a general field assistant performing non-professional traffic engineering work. Supervision is not a responsibility of this position. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Participates in routine traffic field studies;

Prepares drawings of sign installations, accident diagrams, elementary geometric designs and directional signs;

Computes vehicle and pedestrian volume;

Participates in the investigation of complaints received by the department;

Performs repair of traffic signal and access control devices;

Maintains records of traffic, accident and related matters;

Maintains traffic records, obtains data, inputs data to computer;

Participates in the installation of traffic counting devices and experimental traffic devices and instruments;

Uses computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments;

May perform other incidental tasks, as needed.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Knowledge of the principles and practices of traffic engineering; ability to draft and to make rough sketches; ability to make mathematical computations; ability to follow oral and written instructions; ability to establish effective working relations with others, particularly the general public; ability to effectively use computer applications such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments; ability to read, write, speak, understand and communicate in English sufficiently to perform the essential tasks of the position; good judgment; accuracy; reliability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Possession of a high school or equivalency diploma and either: (a) completion of a two year technical school\* with a major in engineering or construction technology; or (b) two years experience in traffic engineering technology or a related field; or (c) a satisfactory equivalent combination of the foregoing training and experience.

SUBSTITUTION: Satisfactory completion of 30 credits toward a Bachelors Degree\* in Engineering may be substituted for each year of the required experience.

\*SPECIAL NOTE: Education beyond the secondary must be from an institution accredited or recognized by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.

SPECIAL REQUIREMENT: Possession of a valid license to operate a motor vehicle in the State of New York.

NOTE: Unless otherwise noted, only experience gained after attaining the minimum education level indicated in the minimum qualifications will be considered in evaluating experience.

West. Co.  
J. C.: Competitive  
SAS5

Job Class Code: C0465  
Job Group: VI