

TRAFFIC ENGINEER II

Department: Planning and Development

Classification: Competitive

Specification Number: 3310

Approved: 5/22/24

Revised: By JG

MINIMUM QUALIFICATIONS

OPEN COMPETITIVE

Either:

a) Graduation from a New York State or Regionally accredited college or university with a Master's Degree in Engineering, Traffic Engineering, Transportation Planning, or a related field, and two (2) years of experience in the field of traffic engineering or traffic safety programs, roadway or transportation planning; or,

b) Graduation from a New York State or Regionally accredited college or university with a Bachelor's Degree in Engineering, Traffic Engineering, Transportation Planning, or a related field, and four (4) years of experience in the field of traffic engineering or traffic safety programs, roadway or transportation planning; or,

c) Graduation from a standard senior high school and eight (8) years of experience in the field of traffic engineering or traffic safety programs, roadway or transportation planning.

DISTINGUISHING FEATURES OF THE CLASS

Under general supervision, an employee in this title applies traffic engineering skills and knowledge to various traffic and traffic safety projects. Assignments are received with general instructions, but incumbents use their own judgment and initiative in solution of details. Supervision may be exercised over a Traffic Engineer I. Work is checked and reviewed through meetings and conferences by a Deputy Commissioner. Does related work as required.

TYPICAL WORK ACTIVITIES

- Supervises the work of a Traffic Engineer and clerical staff in collecting and studying traffic engineering data;
- Conducts traffic engineering studies;
- Reviews Town traffic patterns and high accident areas to determine avenues of prevention and control devices;
- Prepares plans, specifications and estimates for the installation of traffic control devices;
- Investigates need for traffic controls upon request from individuals or organizations.

KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS

Thorough knowledge of the principles of traffic engineering and traffic safety; thorough knowledge of the techniques and interpretation of statistical studies of traffic accidents and projected traffic loads; thorough knowledge of roadway design, as related to traffic safety and flow; good knowledge of Town roadways and traffic patterns; good knowledge of mathematics and its application to traffic engineering problems; ability to draw sketches and construct charts, maps and other engineering illustrations; ability to supervise the work of staff members in a manner conducive to full performance and high morale; physical condition commensurate with the demands of the position.