

FLSA Classification- Exempt
Classified - MAA
Salary Grade – A12
Department of Operations

Adopted- 05/28/1987
Revised 09/22/1988
Revised 09/24/2015

TRAFFIC ENGINEER

GENERAL SUMMARY OF DUTIES

Under the general direction of the Bureau Chief – Transportation, Traffic and Parking is responsible for designing and managing traffic safety program for the City of Stamford. Responsibilities include overseeing the traffic and signal engineering teams, supervision of the pavement markings, signs and traffic signals engineering and operational staff; data collection and analyses; project analysis; project design and construction oversight; and, crash analysis. Prepares overall program plans and budget requests, monitors expenditures, and administers the approved budget; does related other duties as required.

EXAMPLES OF WORK (Illustrative Only)

Works under the direction of the Bureau Chief, with latitude for independent judgment, to implement priority City traffic safety goals and initiatives.

Develops, recommends and implements a Transportation Operation, Traffic Safety Plan and reviews proposed projects for traffic operation & safety, and related concerns. Performs short- and long-range planning and develops annual programs.

Directs and monitors the Traffic Signal Division & Signs and Lines Division ensuring the City's 300 miles of roadways are properly signed and marked. Provide necessary direction & engineering requirements for signs, signals, and traffic safety features.

Collects and analyzes traffic and crash data formulating the results into reports to be used by a variety of individuals and agencies for a variety of reasons including Capital Facilities Projects, operational & safety improvements, grant applications, & land use developments, etc.

Reviews and responds to citizens' complaints and works with neighborhood associations and neighborhood groups to resolve traffic operation and safety concerns.

Performs and reviews transportation-related studies to ensure compliance with adopted transportation operation, safety and level of service standards.

Supports the Land Use Bureau in analysis of private development and their impact on the City roadway network system; establish appropriate transportation mitigation with roadway improvements and/or financial contribution; and operational & safety improvements.

Provide detailed analysis to the Legal Department on litigation issues involving roadway and safety design aspects.

Represent the City on various boards, committees and associations in matters relating to traffic, transportation and traffic safety.

Schedules, Supervises and plans traffic related engineering, traffic signal design, signal system design, project construction bidding, award, and project administration; and other traffic signal maintenance activities.

Exercises skill and judgment in dealing tactfully with the public and promoting good public relations.

Conducts performance audits of the traffic safety programs to ensure compliance. Reviews and analyzes program policies and procedures, and initiates action to reduce costs and ensure safe and efficient operations; identifies and investigates cost overruns, and takes appropriate remedial action. Maintains or supervises the maintenance of required records and provides written reports, summaries, and recommendations to the Director.

Develops and manages annual program budgets utilizing appropriate Federal, State and local guidelines. Modifies existing program activities as necessary to improve effectiveness and productivity.

Recommends personnel actions including personnel selection, evaluation and other related personnel functions and provides leadership and technical competency required for a diverse workforce.

Coordinates with other divisions within the Department as well as liaison to other departments, federal, state, regional planning agency, and outside agencies.

Assures compliance with local, state, and federal permitting requirements.

Develops and implements special projects as assigned by the Bureau Chief.

Performs other duties as assigned.

DISTINGUISHING FEATURES

The Traffic Engineer is a professional engineer and has responsibility for the management and operations of the City Street Smart Program, and other traffic safety programs.

QUALIFICATIONS

Bachelor's degree in Civil Engineering, Traffic Engineering or a related field. A minimum of five (5) years of progressively responsible experience in traffic engineering and safety management with at least two (2) years previous supervisory experience and budget management. A Master's degree in Traffic or Transportation Engineering can be substituted for one (1) year of experience.

SUPPLEMENTAL INFORMATION:

Registration as a Professional Engineer (PE) in the State of Connecticut within 60 days of employment required.

Certificate of a Professional Traffic Operations Engineer (PTOE) is desirable.

Valid driver's license required.

ADA AND ADA/AA SPECIFICATIONS

Physical Demands:

Ability to stand, walk, sit, use hands, fingers, handle, or feel objects, tools or controls; reach with hands and arms; climb stairs; balance; stoop, kneel, crouch or crawl; talk or hear; taste or smell. The employee must occasionally lift and/or move up to 25-50 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Work Environment:

While performing the duties of this job, the employee is exposed to weather conditions and must be able to occasionally work in poor weather conditions including heat, cold, rain or snow. The noise level in the work environment is usually moderate.

This job description is not inclusive of all job functions and will be reviewed periodically as duties and responsibilities change with business necessity. Position duties and responsibilities are subject to modification.