

Title: Traffic Engineer
PG: 67
Status: Civil Service
Position Reports to: Manager of Engineering
Department: Public Works

Class Code: 2150
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This position is advanced professional work in the field of traffic engineering involving, design, analysis and operation of the City's traffic signal control systems, traffic signing and pavement marking installations. Work also includes the performance of traffic engineering studies and programs for the safe and efficient movement of traffic. The employee exercises considerable initiative and judgment in the daily performance of duties. Coordination with staff of professional and technical personnel and decision making on technical engineering work is a major part of this position.

ESSENTIAL FUNCTIONS:

1. Coordinates assigned functions and activities with other departments, divisions, agencies, developers, consultants and the public.
2. Performs traffic engineering work in conjunction with the design, and operation of various public works projects.
3. Reviews construction plans of consultants for compliance with good engineering principles and compliance with all governmental agency codes and ordinances.
4. Provides professional advice and recommendations in resolving problems and improving work methods.
5. Provides representation at meetings and conferences to provide information and resolve problems.
6. Prepares specifications for contract projects, establishes traffic engineering standards and criteria.
7. Communicates and meets with the public; investigates and evaluates requests or complaints relating to traffic operations and safety.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Extensive knowledge of the principles and practices of traffic engineering.
2. Thorough knowledge of State and Federal Standards for installation and operations of traffic control devices and systems.
3. Knowledge of the application of computer programs to traffic engineering procedures.
4. Ability to organize and coordinate tasks with other divisions and departments.
5. Ability to prepare, interpret and utilize engineering plans, maps, specifications and reports.
6. Ability to establish and maintain an effective working relationship with co-workers other city employees and the general public.
7. Ability to conduct engineering research, to write technical reports and to provide reliable advice on difficult engineering problems.
8. Ability to express ideas and to communicate technical information clearly and concisely verbally and in writing.

WORKING ENVIRONMENT/CONDITIONS:

Requires sedentary work that involves walking or standing some of the time, exerting up to 10 pounds of force on a recurring basis, and routine keyboard operations.
The job risks exposure to no significant environmental hazards.

Title: Traffic Engineer
PG: 67
Status: Civil Service
Position Reports to: Manager of Engineering
Department: Public Works

Class Code: 2150
Date: 09/08

The job requires normal visual acuity, field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):

1. Graduation from an accredited four (4) year college or university with a degree in civil engineering and major course work in transportation/traffic engineering.
2. Four (4) years of experience in traffic engineering including two (2) years in a supervisory or management capacity.
3. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.
4. Completion of City University Level two (2) or completion within twelve (12) months.

SPECIAL REQUIREMENTS:

1. Registration as a Professional Engineer (P.E.) in the State of Florida under Florida Statutes Chapter 471 at the time of appointment.
2. Must possess and maintain a valid state of Florida driver's license.
3. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.