

MAJOR FUNCTION

This is responsible supervisory and professional level traffic engineering office and field work assisting in directing the City's traffic control system. Duties include supervising staff in the maintenance of the Tallahassee Advanced Transportation Management System (TATMS). An incumbent is expected to exercise independent judgment and initiative in the performance of assigned duties. Work is performed under the general supervision of an Assistant City Traffic Engineer and is reviewed through conferences, reports, and observed results.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES**Essential Duties**

Provides leadership, direction and technical expertise related to the design, implementation, operation, and maintenance of the Tallahassee Advanced Transportation Management System (TATMS). Oversees the operation of complex and sophisticated electronic systems that provide transportation control, monitoring, and information functions. Serves as a section head for the Signal Systems Section of the Traffic Engineering Division. Manages multiple projects related to the TATMS: management of contracts and contractor services and development of equipment and service specifications. Makes independent written and verbal contact with other agencies and citizens. Holds lead responsibility for operating the Transportation Management Center. Deploys incident and emergency management response strategies. Supervises full and part-time employees. Recommends the selection, transfer, promotion, grievance resolution, discipline or discharge of subordinate personnel. Conducts performance evaluation and recommends approval or disapproval of merit increases. Performs related work as required.

Other Important Duties

Consults with the technicians in the construction and maintenance groups as required on all systems related problems especially those involving fiber-optic technology. Performs related work as required.

DESIRABLE QUALIFICATIONS**Knowledge, Abilities and Skills**

Considerable knowledge in one or more of the following areas: systems engineering, communications technology, electronics, control systems, data processing and or electronic system design preferably in a transportation management system application. Knowledge of computer hardware and software systems as well as fiber-optics technology. Knowledge of how each of these technologies are applied to the field of traffic and transportation management in general and computerized signal systems in particular. Ability to manage work programs in a Traffic Management Center environment, including computerized traffic signal systems operation, traffic signal and systems timing, communication system construction and operation, specification development, construction project management, operation of transportation related computer systems, emergency and incident management and interaction with other agency and citizen contacts. Skill in the use of microcomputers and associated programs and applications necessary for successful job performance.

Minimum Training and Experience

Possession of a bachelor's degree in engineering or engineering technology or a related field and four years of technical or professional experience in transportation management systems, including traffic signal systems, electronic message sign systems, traveler information systems and transportation monitoring systems; or an equivalent combination of training and experience.

Necessary Special Requirement

Possession of a valid Class E State driver's license.

Established: 06-23-97

Revised: 10-07-03*

07-13-09*