MAJOR FUNCTION

This is a responsible technical and managerial position providing technical leadership in the operation of the City of Tallahassee Regional Transportation Management Center (RTMC) and associated intelligent transportation systems (ITS) communications network, including the Tallahassee's Advanced Transportation Management System (TATMS) and its subcomponents. Duties include managing day-to-day activities of staff in the Regional Transportation Management Center (RTMC). An incumbent is expected to exercise independent judgment and initiative in the performance of assigned duties. Work is performed under the general supervision of the Manager – Traffic Operations and is reviewed through conferences, reports, and observed results.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES

Essential Duties
Provides leadership, direction, oversight, and technical expertise related to the planning, development, implementation, and maintenance of the RTMC, TATMS, and ITS communications network including all associated subcomponents. Provides input or assistance in setting long-term technical direction for ITS applications and system infrastructure. Performs and oversees highly specialized work such as configuration, integration, and resolution of problems for the ITS communication network. Designs configures, deploys, and maintains the TATMS local and wide area networks (LANs, WANs) and systems, including servers, workstations, routers, hubs, switches, firewalls, wireless technology, and other associated hardware. Supervises and coordinates day-to-day schedules and activities of RTMC staff. Monitors real-time traffic conditions through traffic cameras, sensors, and other communications channels. Takes proactive measures to identify congestion, accidents, and other disruptions, and implements appropriate strategies. Ensures the continuous and proper operation of the RTMC as outlined in standard operating procedures. Conducts testing and evaluation of emerging ITS technologies for adoption into the system. Administers the ITS Asset Management and Damage Prevention programs to include maintaining accurate records of the ITS fiber network and other ITS assets. 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 ITS Maintenance and Construction groups as required on all systems-related problems especially those involving fiber-optic technology. Consults with Traffic Operations Engineers as required to implement traffic control strategies to alleviate congestion and restore traffic flow. 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, network management, electronics, data processing, ITS design and or Transportation Management Center operations. 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 Intelligent Transportation Systems in particular. Ability to manage work programs in a Transportation Management Center environment, including computerized traffic signal systems operation, communication system construction and operation, specification development, emergency and incident management and interaction with other agency and citizen contacts. Ability to maintain records and coordinate and/or supervise subordinates or assigned contractors. Ability to safely work extended hours during storm and other emergency

situations.   Skill in the use of personal computers and associated programs and applications necessary for successful job performance.

Minimum Training and Experience
Possession of a bachelor's degree in engineering, engineering technology, Computer Science or a related field and four years of technical or professional experience in transportation management systems, including advanced transportation management systems (ATMS), intelligent transportation systems hardware and software, dynamic message sign systems, video display and management systems configuration, traveler information systems, server and workstation hardware and software, and fiber optic communications. ; or an equivalent combination of training and experience. Two years of experience must include supervisory experience.

Necessary Special Requirement
Possession of a valid Class E State driver's license at time of appointment.

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                07-13-09*
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