

## TRAFFIC MAINTENANCE SUPERVISOR

### **PURPOSE AND NATURE OF WORK**

Position is responsible for planning, budgeting, supervising and participating in the fabrication, installation, maintenance and repair of traffic control devices. General supervision is exercised over both Traffic Services Coordinator and Traffic Signals Foreman. Incumbent is subject to 24-hour emergency call out. Work is performed under the direction of the Director of Traffic, Roads and Bridges.

**ILLUSTRATIVE EXAMPLES OF WORK** (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.

Plans, organizes and supervises the installation, maintenance and repair of a variety of traffic control devices (i. e. Traffic Signal controllers, vehicular and pedestrian signal displays, signal support standards, aerial and underground wiring). Provides assistance and direction on the installation and repair of complex traffic control devices, directs assistance in emergencies, plans and reviews installation and maintenance work through Traffic Services Coordinator and Traffic Signals Foreman. Review and prepares project designs and specifications, coordinates and inspects construction projects, prepares technical provisions and specifications for material and equipment purchases, evaluates bid proposals and recommends purchases and contract awards. Works closely with the public, Transportation Engineering, LADOTD, and other governmental agencies by monitoring and coordinating projects involving traffic control devices. Contacts and coordinates with utility companies the location and placement of traffic signal poles, the joint use of poles, and the acquisition of electrical power service. Prepares, recommends, and maintains annual budget requirements. Participates in the installation and maintenance of overhead traffic signs. Subject to 24-hour call for emergency repair work, and occasionally works in adverse weather conditions.

Performs related work as required.

### **NECESSARY KNOWLEDGE, ABILITIES, AND SKILLS**

Thorough knowledge of the principles of electrical, analog, and digital electronics work as related to the operation, maintenance, and repair of traffic signals.

Thorough knowledge of the standard methods, materials, tools, and equipment used in electrical and electronics work.

Thorough knowledge of the occupational hazards and safety precautions involved in electrical and electronics work as well as traffic safety within work areas.

Thorough knowledge of methods, materials and equipment used in pavement markings and traffic control signs.

Thorough knowledge of the Manual on Uniform Traffic Control Devices and other guidelines pertaining to traffic signs, traffic signals, pavement markings and construction traffic control.

Knowledge of the functions of the Public Works Department, other City-Parish departments and related State departments.

Ability to diagnose and repair malfunctions in traffic signals and related apparatus including solid-state microprocessor controls.

Ability to read and interpret wiring and logic diagrams for traffic signals and related apparatuses.

Ability to work from moderate heights.

Ability to work outdoors for extended periods under varying weather conditions.

Ability to establish and maintain effective relationships with superiors, other employees, and the general public.

Ability to participate and successfully complete formal technical and electronic training as required.

Ability to communicate effectively, both orally and in writing.

Skill in use and care of the tools, equipment, and materials employed in the work.

### **DESIRABLE TRAINING AND EXPERIENCE**

Graduation from high school, supplemented by completion of recognized vocational/technical school course work in digital and analog electronics and electricity. Considerable experience in traffic control devices, standards, materials, installation, maintenance, repair and some supervisory experience; or any equivalent combination of training and experience. Possession of International Municipal Signal Association Level II/Traffic Signal Technician certification.

### **NECESSARY SPECIAL QUALIFICATION**

Possession of the appropriate class of Driver's License as required by the State of Louisiana, upon employment.