

TRAFFIC SIGNAL SUPERVISOR

CODES/PAY GRADE

Class Code: 2004

EEO Code: C

Pay Grade: 122

MAJOR FUNCTION

Highly responsible technical work repairing and maintaining traffic signals, signal systems, telecommunications associated with signal systems, and supervising traffic signal technicians.

ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Directs the work, maintenance, repairs and modification projects performed by the technicians assigned to the Traffic Signal Operations section. Develops and executes a routine preventive maintenance program for the enhancement of traffic signal systems, and reviews and confirms signal design. Supervises and directs the day to day maintenance and installation of operations of traffic control devices, computerized signal systems, and video monitoring equipment.

Works directly with the Traffic Engineer and Signal Systems Engineer on timing, phasing and modifications of traffic signal and signal systems. Insures that all such activities meet required quality standards.

Recommends shop and field maintenance standards and programs and establishes same. Maintains a signal maintenance and repair log. Supervises in-house construction of traffic signals. Assigns day to day maintenance priorities and emergency repair priorities, when necessary.

Instructs the signal operations personnel in latest state of the art and safety requirements pertaining to traffic control devices.

Performs after hours standby duties and other related work as directed by the Traffic Operations Supervisor and/or the Traffic Engineer.

Responsible for the repair of computerized and electromechanical traffic controllers and peripherals, including traffic counters. Responsible for the repair of any traffic signal and signal system problems or malfunctions and other traffic control devices.

Provides technical input as requested for engineering design, budgetary, and operational needs requirements.

(Traffic Signal Supervisor continued)

Maintains a parts inventory of all traffic signal components. Maintains an up-to-date inventory of traffic signal locations and equipment.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of computerized traffic signal controllers. Knowledge of traffic signal telecommunications systems. Knowledge of traffic signal operations for timing, phasing, and modifications of signals and signal systems. Knowledge of signal systems. Knowledge of peripheral traffic equipment including fiber-optics and video monitoring equipment.

Ability to maintain, repair, and troubleshoot electronic traffic controllers. Ability to train, schedule and supervise the work of traffic signal technicians assigned. Ability to repair and test traffic controllers. Ability to use microcomputer in relation to electronic traffic signal controllers. Ability to review computer printouts for signal timings and set timings to work in the field. Ability to analyze traffic movement and recommend changes to correct observable problems. Ability to communicate effectively, both orally and in writing.

MINIMUM QUALIFICATIONS

Graduation from high school or possession of a GED and three (3) years of experience in electronics and micro processor repairs of traffic signal controllers. Possession of Level III Certification from International Municipal Signal Association within two (2) years of appointment. Must obtain Class B Florida CDL within six (6) months of appointment.

A comparable amount of education, training, or experience may be substituted for the minimum qualifications.

ADA REQUIREMENTS

Physical Demands: Medium to Heavy work. Ability to lift, carry, stand, climb, pull, walk, crawl, kneel, reach, balance, handle, finger, talk, and see (including color distinction).

Environmental Demands: Inside and outside work. Ability to tolerate inclement weather including humidity, heat, rain and cold. Exposure to noise, vibration, fumes, odors, and dust.

Mental Demands: Ability to read and comprehend technical journals and manuals related to discipline, safety instructions, product directions, procedures, policies. Ability to perform shop math and basic mathematical functions. Ability to speak clearly and concisely to relay information, directions, details to others including laymen. Ability to write summaries, reports, memos, evaluations, critiques, letters. Ability to identify and resolve problems.