

TRAFFIC SIGNAL TECHNICIAN

CODES/PAY GRADE

Class Code: 2010

EEO Code: G

FLSA: N/E Pay Grade: 119

MAJOR FUNCTION

Skilled technical work in the construction, installation, maintenance, modification, and repair of traffic signals, traffic control mechanisms, and all electronic components to operate traffic control devices.

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.)

Repairs and maintains traffic signals, signal systems, telecommunications, and associated equipment throughout the county. Troubleshoots defective traffic signals and replaces defective controllers, monitor and system master components. Performs preventive maintenance work on traffic signals and flashers.

Constructs school flashers as directed by supervisor.

Works in aerial bucket truck for replacing and repairing signal lamps, overhead wiring, etc. Changes timing on signal controllers as directed by supervisor.

Does some signal construction work as required. Performs emergency repair on a regular basis. Is required to be on call on a rotation basis.

Performs related work as required.

KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of principles and theories of electricity and electronics. Knowledge of standard tools, materials, methods, and practices of the electrical trade. Knowledge of occupational hazards and safety precautions of the electrical trade and work involving high voltage. Knowledge of micro processors and electrical traffic controllers, overhead regulatory and advisory signs. Knowledge of the tools and apparatus necessary for the installation, maintenance and repairs of traffic signals.

(Traffic Signal Technician continued)

Ability to work at heights up to 35 feet. Ability to follow oral and written directions. Ability to work on-call on weekends and evenings.

MINIMUM QUALIFICATIONS

Graduation from high school or possession of a GED and two (2) years experience in general, electrical work, OR one year of experience in traffic signal equipment maintenance. Must possess Level II Certification by the International Municipal Signal Association (I.M.S.A.). Possession of a valid Florida commercial driver's license (CDL), class B.

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 and carry 100 lbs; reach overhead, climb, stand, walk, balance, push, pull, crouch, crawl, kneel, handle and finger. Ability to see (colors), hear, talk.

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

Mental Demands: Ability to read and comprehend technical and professional manuals, procedures, periodicals; maps, wiring diagrams, schematics; instructions, safety rules, memos, letters. Ability to write compound sentences relating information, data, details in reports or summary form. Ability to perform shop math and basic mathematical functions. Ability to speak clearly and concisely; conversant in practices and procedures of discipline to layman.

Revised 9/04
Revised 10/94

TRAFFIC SIGNAL TECHNICIANS

TRAINEE - *(Not eligible for merit increases during trainee appointment)*

High School diploma or GED, and one (1) year general experience in construction, electrical or electronic work. Must complete *IMSA Work Zone Traffic Control certification* within 6 months of hire.

Must possess and retain valid Florida CDL, Class B license within 3 months of hire.

A comparable amount of education, training and experience may substitute for the minimum experience requirement.

Pay adjustment of 5% upon acquisition of IMSA Level I Traffic Signal Technician Certificate.

Promotion to Traffic Signal Technician with pay adjustment of 5% upon acquisition of IMSA Level II Traffic Signal Technician Certificate.

JOURNEY LEVEL -

This level represents a fully trained and certified *Traffic Signal Technician*.

High school diploma or GED, and (2) years experience in traffic signal equipment or traffic electronics. Must possess and retain valid Florida CDL, Class B license. Must possess *IMSA Level II Signal Technician Certificate*.

A comparable amount of education, training and experience may substitute for the minimum experience requirement.

Pay adjustment of 5% for IMSA Level III Traffic Signal Technician Certification.