



# TRAFFIC SIGNAL TECHNICIAN

CLASSIFICATION DESCRIPTION  
JOB CODE: 9 (Non-Exempt)

## GENERAL DESCRIPTION OF DUTIES

Under general supervision, the purpose of the job is to perform manual work in the fabrication, assembly, installation and repair of road, highway, traffic and information signs. Employees in this classification operate stenciling machinery, computers and associated equipment in the preparation of signage as well as perform traffic signal maintenance, troubleshoot malfunctions and implement timing and coordination plans per engineering specifications. Position operates various light equipment in the transportation and placement of signage.

## SPECIFIC DUTIES AND RESPONSIBILITIES

The list of essential functions, as outlined herein, is intended to be representative of the tasks performed within this classification. It is not necessarily descriptive of any one position in the class. The omission of an essential function does not preclude management from assigning duties not listed herein if such functions are a logical assignment to the position.

- Perform Traffic signal repairs and maintenance.
- Work aloft in a bucket or lift to service the overhead signal indication heads and adjust signal clocks as necessary.
- Perform traffic turn movement counts and Metro Count Vehicle classification counts as required by the traffic engineer.
- In accordance with MOT standards, set-up and breakdown traffic control devices, variable message boards and City light towers for special event road closures, public safety, detours and speed studies.
- Supports other divisions of the Public Works Department when requested/required.
- Operates computer and related software to prepare signage layout.
- Operates cutter and stenciling machinery to prepare letters for making highway regulatory and informational signs; prepares letters, symbols and shields used in the fabrication of signs.
- Prepares sign surfaces, and removes rough surfaces from new sign blanks; operates press roll to apply lettering to signage.

- Operates a variety of hand-held equipment and machinery in the installation of signage, e.g., power saw, sander, sockets, drill, pole saw, chainsaw, ratchet.
- Operates a fork lift to transport signage materials; operates the pickup truck to transport finished signage to location; ensures safe and proper operation of tools, vehicles and equipment; adheres to prescribed safety standards and regulatory requirements.
- Erects road signs. Repairs damaged road signs. Makes and repairs barricades.
- May perform the duties required of an Equipment Operator.
- May perform trades work on buildings as needed, e.g., painting, carpentry, plumbing.
- Cleans and maintains tools, machinery and equipment.
- Assists in performing inventory of purchased signs; participates in ordering materials and supplies.
- Coordinates activities with other departments and work groups as needed.
- Performs related duties as directed.

## MINIMUM TRAINING AND EXPERIENCE

High School Diploma or GED; supplemented by three (3) years experience in public sign installation and repair, and the ability to perform labor intensive work within difficult environmental conditions; or an equivalent combination of education, training, and experience.

## LICENSES, CERTIFICATIONS OR REGISTRATIONS

Must possess and maintain a valid Florida Class "B" Commercial Driver's License.

IMSA Traffic Signal Level I

IMSA Signs & Markings Level I

FDOT approved intermediate Maintenance of Traffic certification

Genie lift certification

## KNOWLEDGE, SKILLS AND ABILITIES

- Ability to interpret a variety of instructions in written, oral, diagram, or schedule form.
- Considerable knowledge of the safe and proper use and care of manual, electrical, gas and hydraulic powered tools and equipment used in the assigned functional area.
- Considerable knowledge of the proper placement of barricades and signage for road and lane closures needed for the protection of vehicular and pedestrian traffic.

- Skill in the operation of various manual, gas and hydraulic powered trade tools and light equipment.
- Ability to read and interpret various documents such as safety rules, operation and maintenance instructions, procedure manuals, and related documentation.
- Ability to understand and follow verbal and written instructions.
- Ability to read and interpret blueprints and a variety of instructions in written, oral, diagram or schedule form.
- Ability to work in temperatures exceeding 100 degrees for extended periods of time.
- Ability to establish and maintain effective working relationships and communications with other employees and the public.
- Ability to work independently to carry out assignments to completion.
- Ability to perform duties with a professional and cooperative work ethic.

## PHYSICAL REQUIREMENTS

- While performing the essential functions of this job, the incumbent is regularly required to lift, move or carry objects up to 100 pounds; ascend or descend ladders, stairs, scaffolding, ramps, poles; utilize feet and legs or hands and arms; maintain body equilibrium to prevent falling when walking, standing, crouching, or navigating narrow, slippery, or erratically moving surfaces; bend body downward and forward by bending spine and legs; move about on hands and knees or hands and feet; use hands to finger, handle or feel objects; and to reach with hands and arms.
- While performing the essential functions of this position the employee is frequently exposed to fumes, odors, or airborne particles, toxic or caustic substances, excessive noise, vehicular traffic, and dampness/humidity.

The City of Palm Coast is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, The City of Palm Coast will provide reasonable accommodations to qualified individuals with disabilities and encourages both prospective and current employees to discuss potential accommodations with the employer.