

## **SENIOR TRAFFIC MAINTENANCE TECHNICIAN**

### **MAJOR FUNCTION**

This is an intermediate level position that involves the more difficult and complex work in maintenance, layout, and installation of pavement markings along County maintained roads; the fabrication, assembly, installation, repair and maintenance of traffic control devices and signs; and/or assists in the construction and maintenance of traffic signals; all the forgoing in compliance with Federal, State, and County regulations. A worker in this position may take the lead over one or more non-subordinate traffic maintenance workers.

### **ESSENTIAL FUNCTIONS**

The following statements describe the principal functions of this job and its scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned, including working in other functional areas to cover absences or relief, to equalize peak work periods or otherwise to balance the workload.

- Performs layout and installation of pavement markings and other traffic control devices in the field by driving to sites and performing tasks.
- Interprets more complex plans and sketches.
- Provides assignments and instructions to assigned employees
- Mixes traffic paints and melts thermoplastic pavement marking paint.
- Operates component equipment on a line striping motor vehicle, hand line machine, power spray guns and other painting equipment; raised pavement marker machine.
- Serves as flagger for other members of the traffic division, or in emergency situations, as needed Countywide.
- Places and removes traffic cones, barricades, flags, signs, and other traffic control devices by driving to sites to ensure a smooth flow of traffic for striping operations and when road signs and other traffic control devices, such as traffic signals, are being installed or repaired.
- Fabricates signs in shop using sign making computer.
- Installs, repairs and maintains traffic signs and other traffic control devices in the field.
- Assists with technical traffic signal work as well as non-technical work mixing, grinding, drilling, jackhammering, cutting, threading, assembly, laying conduit, making forms, traffic control, etc.

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- Receives more advanced cross training to gain knowledge, skills and proficiency in all traffic operations to qualify for upward mobility when positions become available.
- Fills out work orders and other paperwork and maintains files and records
- Utilizes various types of electronic and/or manual recording and information systems used by the Division, Department, or related units.
- Must drive pickup trucks, larger trucks, and operate light equipment used in various Traffic Division operations (such as motorized striping machine and forklift).
- May be required to work a rotating 24-hour, 7-day “on-call” shift to provide emergency coverage for department (after training and demonstrating competence).
- Required to report to work at the appointed hour, as scheduled, and to work the entire assigned schedule.

### **SECONDARY FUNCTIONS**

- Performs other duties as assigned.

### **CUSTOMER SERVICE**

This is a front-line position for providing excellent customer service to members of the general public and other County employees. Personal contact occurs with other employees of the unit, employees of other departments in the County, citizens, and customers of the department. Service is provided in person or by phone contact.

### **SUPERVISION**

This position has no supervisory responsibilities.

### **EDUCATION, EXPERIENCE, LICENSES, CERTIFICATIONS**

#### **Education and Experience.**

High School diploma or general education degree (GED), and two years experience in work involving the assembly, installation, and maintenance of traffic control devices and signs, pavement markings, and traffic signals or equivalent combination of training and experience.

#### **Licenses.**

Valid Florida Driver License: CDL Class B Florida Driver License may be required.

#### **Certifications.**

Must possess Work Zone Safety Certification from International Municipal Sign Association

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(IMSA) or Maintenance of Traffic (MOT) Intermediate; Level I Signs and Markings Certification from International Municipal Sign Association (IMSA), OSHA Forklift Certification and FEMA certifications (NIMS) IS-700, IS-100, IS-200.

Must obtain Level 2 Signs and Markings Certification from IMSA within 12 months of assignment. Also, obtain Level 1 Signals within 24 months of assignment. LP Gas Dispensing certification within 6 months of assignment.

### **JOB SKILLS**

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements are representative of the required knowledge, skills, and abilities.

#### **Language Skills**

- Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals and relay to others as lead worker.
- Ability to write routine reports and correspondence.
- Ability to speak effectively before groups of customers or employees of organization.

#### **Mathematical Skills**

- Ability to add, subtract, multiply, and divide in all units of measure, using whole numbers, common fractions, and decimals.
- Ability to compute rate, ratio, and percent and to draw and interpret bar graphs.
- Ability to apply concepts of basic algebra and geometry.

#### **Problem Solving Ability**

- Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form.
- Ability to explain records and procedures to others as lead worker.
- Ability to deal with problems involving several concrete variables in standardized situations.

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- Requires judgment regarding use of equipment, tools or material.

### **Specialized Skills and Abilities**

- Knowledge of federal, state, and county rules and regulations for traffic striping, signs and signals operations.
- Ability to learn quickly from written, oral instructions and demonstrations. Ability to understand, remember and carry out oral and written direction.
- Ability to apply safety measures.
- Knowledge of tools used in maintenance and fabrication of signs, traffic signals and traffic striping operations.
- Ability to operate all required equipment and various types of electronic and/or manual recording and information systems after appropriate period of training.
- Ability to work with minimum supervision.
- Ability to prioritize tasks and meet multiple deadlines.
- Ability to remain calm in stressful situations.
- Ability to take a teamwork approach to the job by cooperating with others, offering to help others when needed, and considering larger organization or team goals rather than individual concerns. Includes the ability to build a constructive team spirit where team members are committed to the goals and objectives of the team.

### **Machinery and Equipment**

To accomplish the tasks of this position, the employee will be required to operate the following machines and light equipment: pre-melters, handliner, motorized striping machine, paint equipment, generator, post hole digger, heat applicator, sign roller, jackhammer, loop saw and other power tools of the trade, fork lift, drive a vehicle, telephone, copy machine, computer and various hand tools of the trade. Additionally, the employee will be required to be trained to operate a bucket truck, soldering machine, and have a rudimentary understanding of measuring instruments and other traffic signal equipment.

### **PHYSICAL DEMANDS**

While performing the duties of this job, the employee will regularly be required to stand, walk,

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sit, use hands to finger, handle, or feel, reach with hands and arms, climb or balance, stoop, kneel, crouch, or crawl, talk or hear, and lift up to one hundred pounds. Vision requirements are close, distance, color, and peripheral vision, depth perception, and ability to adjust focus.

### **WORK ENVIRONMENT**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. While performing the duties of this job, the employee will occasionally be exposed to wet or humid conditions, moving mechanical parts, toxic or caustic chemicals, risk of electrical shock, risk of radiation, and vibration; will regularly be exposed to high precarious places, fumes or airborne particles; and will frequently be exposed to outdoor weather conditions and moving vehicular traffic. The typical noise level is moderate.

Established: 10/2009

Pay Grade: 7

Job Description Number: 3302

Category: 3

Status: NE

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