



COUNTY OF VOLUSIA  
invites applications for the position of:

# Traffic Signal Technician - Traffic Engineering (Certified & Trainee)

An Equal Opportunity Employer

---

**SALARY:** See Position Description

**OPENING DATE:** 01/13/21

**CLOSING DATE:** 01/27/21 11:59 PM

**MAJOR FUNCTIONS:**

The County of Volusia is seeking a candidate to fill the position of a Traffic Signal Technician for the Traffic Engineering Division. This position is located in Volusia County, Florida, and will be responsible for 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.

**\*\*\*Note: Applicants must be willing to work on call/rotating basis, nights, weekends, and holidays TRAFFIC SIGNAL TECHNICIAN CERTIFIED\*\*\***

**HOURLY SALARY:**

\$18.14 - \$30.69

**\*\*\*TRAFFIC SIGNAL TECHNICIAN TRAINEE\*\*\***

**STARTING PAY**

\$16.49 Hourly

**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.)*

- Repairs and maintains traffic signals, signal systems, telecommunications and associated equipment throughout the county.

- Troubleshoots and repairs defective traffic signals and replaces defective equipment as needed.
- Performs preventive maintenance work on traffic signals and flashers.
- Constructs and maintains school flashers as directed by supervisor.
- Performs signal construction work as required.
- Performs emergency repair on a regular basis.
- Is required to be on-call on a rotating basis.
- Attends work on a continuous and regular basis.
- Must adhere to Federal, State, County and Local ordinances.
- Responds to emergency situations.
- Staff assigned to these positions are classified as essential personnel.
- May be assigned to other locations based upon operational needs.
- Performs other duties as assigned.

#### **MINIMUM REQUIREMENTS:**

##### **All Levels:**

- Graduation from high school or possession of a GED and two (2) years of experience in traffic signal construction/installation.
- A comparable amount of education, training, or experience may be substituted for the minimum requirements.
- Must possess and maintain a valid Florida Driver's License

##### **Trainee position requirements:**

- Must be able to obtain and maintain the International Municipal Signal Association (IMSA) Work Zone Temporary Traffic Control Technician certification or equivalent as approved by the IMSA Education & Certification Manager within one (1) year of hire.
- Must be able to obtain and maintain the IMSA Traffic Signal Level I certification within one (1) year of hire.
- Must be able to obtain and maintain a valid Florida commercial driver's license (CDL), class B within six (6) months of hire.

##### **Certified Traffic Signal Technician:**

- Must possess Level II Certification by the International Municipal Signal Association (I.M.S.A.).
- Must be able to obtain and maintain a valid Florida commercial driver's license (CDL), class B within six (6) months.

***Having met the minimum qualifications, the preferred certified traffic signal technician*** candidate will possess a CDL drivers class B license, **and** have two (2) years of experience in traffic signal maintenance with a municipality.

**KNOWLEDGE, SKILLS & ABILITIES:**

- Knowledge of principles and theories of electricity and electronics.
- Knowledge of standard tools, materials, methods, and practices of the traffic signal trade.
- Ability to operate aerial bucket truck for replacing and repairing signal lamps, overhead wiring, etc.
- Knowledge of signal controller programming and setup as directed by supervisor.
- Knowledge of occupational hazards and safety precautions of the electrical trade and work involving high voltage.
- Knowledge of traffic controllers, controller cabinets, overhead regulatory and advisory signs.
- Basic computer skills and working knowledge of Excel, and Word programs.
- 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 on a rotating basis.
- Ability to establish and maintain effective working relationships.
- Ability to communicate effectively, orally and in writing.
- Ability to work in stressful situations.
- Must be available for work during emergency situations (e.g. hurricanes, storms, fires, tornados and floods) as required by supervisor or director.

**ADA REQUIREMENTS:**

**Physical Demands:** Ability to lift and carry 80 lbs.; reach overhead, climb, stand, walk, balance, push, pull, crouch, crawl, kneel, handle and finger dexterity. Visual acuity (peripheral vision, depth perception and color acuity) necessary to operate motorized equipment and read wiring diagrams/schematics. Hear and 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.

***Volusia County is a drug free workplace and an Equal Opportunity Employer committed to a diverse workforce.***

---

APPLICATIONS MAY BE FILED ONLINE AT:  
<http://www.volusia.org/humanresources>

Job #21-00164  
TRAFFIC SIGNAL TECHNICIAN - TRAFFIC ENGINEERING  
(CERTIFIED & TRAINEE)  
JP

OUR OFFICE IS LOCATED AT:  
230 North Woodland Blvd Suite 262  
DeLand, FL 32720  
386-736-5951  
[humanresources@volusia.org](mailto:humanresources@volusia.org)

Volusia County is a drug free workplace and an Equal Opportunity Employer committed to a diverse workforce. Veterans' preference pursuant to State law. Individuals with a disability who require special accommodations during the selection process should notify the Human Resources Division at (386)736-5951.

---

## Traffic Signal Technician - Traffic Engineering (Certified & Trainee) Supplemental Questionnaire

- \* 1. **NOTE:** Your response to the following supplemental questions **must match the information in the work experience section on your application.** If your responses do not match, your application will be deemed incomplete and will disqualify you from further consideration.  
  
 I have read and understand the above statement.
  
- \* 2. Do you understand that this position requires to work on-call/rotating basis, on weekends and evenings?  
  
 Yes    No
  
- \* 3. Do you understand you may be required to work outdoors in adverse weather?  
  
 Yes    No
  
- \* 4. Do you have a valid Florida driver's license?  
  
 Yes    No

\* 5. If you answered "No" to the previous question, will you be able to obtain a Florida driver's license at the time of hire if selected for the position?

- Yes  
 No  
 Not Applicable

\* 6. Do you possess a Level II Certification by the International Municipal Signal Association (I.M.S.A.)?

- Yes    No

\* 7. Do you have a valid Florida Commercial Driver license (CDL) class B?

- Yes    No

\* 8. If you do not possess a CDL, are you able to obtain one within six (6) months of employment?

- Yes  
 No  
 Not applicable

\* 9. Do you have at least two (2) years of experience in traffic signal construction/installation?

- Yes    No

\* 10. If you answered yes to the previous questions, please indicate the following:

- (1)** the number of years,  
**(2)** position title and  
**(3)** the name of the agency/organization(s).

If you answered None, please indicate N/A.

\* 11. Do you have work experience in a bucket/platform truck in traffic?

- Yes    No

\* 12. Have you ever worked stand-by or on-call?

Yes  No

\* 13. Please select the type of computer skills that you possess.

- Beginner
- Moderate
- Proficient
- No experience

\* 14. If you selected any of the first three options on the previous question, please indicate the following: (1). which program(s) and (2). the number of years of experience in each. If you answered no experience, please state N/A

\* 15. Have you ever worked as a temporary/lease employee for the County of Volusia?

Yes  No

\* 16. Where did you hear about this position?

- County of Volusia website
- Daytona Beach News Journal
- www.orlandojobs.com
- Social Media sites (i.e. Facebook, Twitter, Linked In)
- Other

\* Required Question