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# PUBLIC JOB ANNOUNCEMENT - October 24, 2018

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**POSITION:** Traffic Signal Technician  
**DEPARTMENT:** Engineering & Public Works

**SALARY:** \$18.54 / hr. - \$20.47 / hr.  
**CLOSING DATE:** 5:00 P.M.  
**Wednesday Nov. 9, 2018**

## **Traffic Signal Technician**

### **General Definition of Work**

Performs intermediate skilled technical work repairing and maintaining traffic control devices, and related infrastructure affecting safe traffic flow, preparing and maintaining records and files, preparing reports, and related work as apparent or assigned. Work is performed under the moderate supervision of the Traffic Operations Manager. Limited supervision may be exercised over assigned personnel or work groups.

### **Essential Functions**

Maintains and performs upgrades to traffic signal installations in Maryville and Alcoa.  
Ships, receives, makes repairs and maintains inventory of traffic signal and school zone equipment.  
Manages, codes, and maintains school zone hazard beacon locations in Maryville and Alcoa.  
Conducts intersection traffic counts for timing purposes.  
Analyzes, creates and modifies traffic signal timing plans.  
Tests and certifies the calibration of traffic signal Conflict Monitor Units.  
Inspects and oversees contractor installations of new traffic signals in Maryville and Alcoa.  
Oversees and inspects repairs made by other technicians.

### **Knowledge, Skills and Abilities**

Thorough knowledge of City and Department policies and procedures; thorough knowledge of the materials, equipment and techniques of traffic signals, controls, marking and signs; thorough knowledge in reading and interpreting blueprints, schematics, and applicable State and Federal rules and regulations; thorough knowledge in preparing reports and other types of correspondence; thorough knowledge of the methods, materials and equipment used in the electrical trade and the repair and maintenance of electronic equipment; thorough knowledge of occupational hazards and necessary safety precautions related to the electrical trade; general knowledge in the use of standard office equipment and associated software; ability to follow oral and written instructions; ability to make arithmetic computations; ability to compute rates, ratios, and percentages; ability to understand operation of fiber optic communications systems; ability to establish and maintain effective working relationships with supervisors, subordinates and the general public.

### **Education and Experience**

High school diploma or GED and moderate experience working with traffic signals, or equivalent combination of education and experience.

### **Physical Requirements**

This work requires the regular exertion of up to 10 pounds of force, frequent exertion of up to 25 pounds of force and occasional exertion of up to 50 pounds of force; work regularly requires using hands to finger, handle or feel, frequent speaking or hearing, climbing or balancing, reaching with hands and arms and repetitive motions and occasionally requires standing, walking, sitting, stooping, kneeling, crouching or crawling, pushing or pulling and lifting; work requires close vision, distance vision, ability to adjust focus, depth perception, color perception, night vision and peripheral vision; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; work requires preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, using measuring devices, assembly or fabrication of parts within arm's length, operating machines, operating motor vehicles or equipment and observing general surroundings and activities; worker has frequent exposure to fumes or airborne particles and exposure to outdoor weather conditions and occasionally requires working in high, precarious places and exposure to the risk of electrical shock; work is generally in a moderately noisy location (e.g. business office with typewriters and/or computer printers, light traffic).

### **Special Requirements**

Possession of IMSA Work Zone and IMSA Traffic Signal Level I certifications within one year.  
Obtain International Municipal Signal Association (IMSA) Level II certification within three years of hire.  
Obtain IMSA Traffic Signal Level III certification within five years of hire.  
Possession of an appropriate driver's license valid in the State of Tennessee.

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- Nepotism policy prohibits hiring relatives of City employees
  - Equal Opportunity Employer
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**PLEASE BE ADVISED:** A City of Maryville application must be completed for consideration. Applications are available in the Human Resources Office, Maryville Municipal Center, 404 W. Broadway or on our website.