CLASS TITLE: TRAFFIC UTILITY WORKER I

PURPOSE OF THE CLASSIFICATION: Under general supervision performs semiskilled installation, maintenance, inspection and work support functions as concerns traffic signals and freeway lighting related equipment and other related assigned duties.

ESSENTIAL TASKS:
• Performs semiskilled to skilled installation, inspection, maintenance and repair on various types of equipment
• Performs inspection and testing duties on equipment to ensure proper function
• Reports to supervision and provides input on extent of problems found during inspection duties
• Delivers equipment and materials to job sites
• Delivers and performs set up of safety barricades, traffic control devices and site protection equipment to ensure proper use of safety equipment
• Assists in rigging and raising poles, arms, cabinets and other loads using digger derrick and bucket trucks
• Assists in terminating and splicing cables in poles, arms and control cabinets per wiring diagrams, making terminations electrically correct
• Assists in installing electrical cables, conduits, junction boxes, control cabinets, properly grounding electrical meter cans, systems, services and cabinets without damage and according to code
• Assists in maintaining expressway lighting, working at heights with high voltage
• Installs microwave, radar, broadband radio spectrum systems, inductance loops and optical detection systems for traffic systems and corridors
• Drills and places concrete piers for traffic poles and finishes concrete pads and aprons
• Performs general maintenance or renovation activities involving City facilities and properties
• Must report for emergency sand and salt duties
• Must report to work on a regular and timely basis
Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:
Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED), and four (4) years experience in electrical maintenance work; or an equivalent combination of training and experience per Personnel Policies and Procedures, Section 128. Refer to the Traffic Utility Worker progression criterion document for additional requirements.

Knowledge, Abilities, and Skills: Good knowledge of the materials, methods, tools, and techniques commonly used in the maintenance of public utilities; good knowledge of the placement and use of traffic control equipment, and good knowledge of the safety requirements of the work. Ability to diagnose and provide verbal reports on the condition of various types of electrical equipment; ability to maintain written records; ability to make waterproof splices; ability to layout job sequences; ability to effectively use a multimeter, megohmeter and ground fault locator; ability to communicate using a 2 way radio; ability to read and follow written instructions and the ability to courteously and tactfully communicate with fellow workers, supervisors, other members of the organization, and the public in giving and receiving information.

Physical Requirements: Physical requirements include frequent walking and standing; frequent lifting up to 10 pounds with occasional lifting up to 90 pounds; frequent carrying up to 20 pounds with occasional carrying up to 90 pounds; frequent pushing and pulling up to 10 pounds, with occasional pushing up to 60 pounds and pulling a maximum peak force of 69 pounds; frequent reaching, balancing, kneeling, bending, handling, climbing, smelling, and twisting; occasional crawling and feeling; and vision, speech, and hearing sufficient to perform essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "D" Operator's License, a valid Oklahoma Class "A" Commercial Driver's License; must obtain within specified time after hire date

**WORKING ENVIRONMENT:** Working environment is primarily outdoors and occasionally indoors and in inclement weather. May be exposed to the following: hazardous materials, animal waste/dead animals, flammable liquids, traffic, cramped work areas, excessive heights and high voltage, excessive dust, weather/temperature extremes, trench excavations, underground gas/electric/petroleum, rough terrain's, cutting/chipping/grinding, hazardous/toxic atmospheres, sewage, damp/wet slippery surfaces, snow/ice covered surfaces, insect bites, poisonous plants, overhead power lines, toxic fumes/vapors/odors, confined spaces, compressed gases, high noise areas and may be required to work overtime and be on 24 hour standby.

Class Code: 8513  
EEO Code: N-07  
Pay Grade: LT-16

Group: Labor and Trades  
Series: Equipment and Plant Maintenance

Effective date: September 24, 2012