General Statement of Duties

Performs full performance work inspecting the installation, construction, maintenance and repair of traffic control systems such as electronic signal devices, control boxes, and street lights to ensure compliance with pertinent codes, standards, plans and specifications.

Distinguishing Characteristics

The Traffic Signal Inspector is distinguished from the Traffic Signal Technician series which installs, constructs, maintains and repairs traffic control systems with a focus on troubleshooting and configuring those systems.

Guidelines, Difficulty and Decision-Making Level

Guidelines are generally but not always clearly applicable, requiring the employee to exercise judgment in selecting the most pertinent guideline, interpret precedents, adapt standard practices to differing situations and recommend alternative actions in situations without precedent.

Duties assigned are generally complex and may be of substantial intricacy. Work assignment is performed within an established framework under general instructions but requires simultaneous coordination of assigned functions or projects in various stages of completion.

Employee is responsible for determining time, place and sequence of actions to be taken. Unusual problems or proposed deviations from guidelines, practices or precedents may be discussed with the supervisor before being initiated.

Level of Supervision Received & Quality Review

Under general supervision, the employee receives assignments and is expected to carry them through to completion with substantial independence. Work is reviewed for adherence to instructions, accuracy, completeness and conformance to standard practice or precedent. Recurring work clearly covered by guidelines may or may not be reviewed.

Interpersonal Communication & Purpose

Contacts with the public or employees where explanatory or interpretive information is exchanged, defended, and gathered and discretion and judgment are required within the parameters of the job function.

Level of Supervision Exercised

None

Essential Duties

Performs complex inspection work to ensure compliance with City, State and Federal standards and guidelines and enforces compliance by monitoring and re-inspecting work to ensure compliance.

Reviews transportation infrastructure improvement projects; provides information concerning construction plans and specifications; provides technical direction to field consultants and contractors.

Prepares for and attends pre-construction meetings concerning transportation infrastructure projects specific to traffic signals.
Oversees contractors in excavation and restoration of trenches for installation of electrical conduit, installation of span wire assemblies and suspension hardware assemblies, and placement and fastening of fittings or supports.

Oversees contractor application and installation of temporary traffic control relating to project.

Coordinates project work with internal and external stakeholders such as city departments/agencies and utility companies.

Assists in the resolution of difficult or unusual roadway conditions involving the installation of transportation infrastructure assets.

Investigates discrepancies arising from faulty workmanship, materials, equipment and methods.

Performs other related duties as assigned.

Any one position may not include all the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

### Competencies

**Attention of Detail** – Is thorough when performing work and conscientious about attending to detail.

**Customer Service** – Interacts with customers in a friendly and professional manner, works to resolve issues quickly and effectively, and is knowledgeable about products and services.

**Oral Communication** – Expresses information to individuals or groups effectively; taking into account the audience and nature of the information; makes clear and convincing oral presentations; listens to others, attends to nonverbal cues and responds appropriately.

**Reading** – Understands and interprets written material including technical material, rules, regulations, instructions, reports, charts, graphs, or tables and applies what is learned from written material to specific situations.

**Technical Competence** - Uses knowledge that is acquired through formal training or extensive on-the-job experience to perform one's job; works with, understands, and evaluates technical information related to the job; advises others on technical issues.

### Knowledge & Skills

Knowledge of the principles and practices of inspection work sufficient to be able to monitor and enforce compliance.

### Education Requirement

Graduation from high school or possession of a GED, HiSET or TASC Certificate

### Experience Requirement

Five (5) years of experience in the installation, construction, maintenance and repair of traffic signals.

### Education & Experience Equivalency

Additional appropriate education may be substituted for the minimum experience requirements.
**Licensure & Certification**

This job requires driving. Requires a valid Driver's License at the time of application.

Requires IMSA Traffic Signal Level III in Bench or Field at time of application.

Licenses and certifications must be kept current as a condition of employment.

**Working Environment**

Potential exposure to hazards from electrical/mechanical/power equipment.

Subject to pressure for multiple calls, inquiries, and interruptions.

Subject to varying and unpredictable situations.

Subject to: traffic, roadways, and pedestrians.

Temperature Changes: Variations in temperature from hot to cold when works in the field.

**Level of Physical Demand**

3-Medium Work (20 - 50 lbs.)

**Physical Demands**

(Physical Demands are a general guide and specific positions will vary based on working conditions, locations, and agency/department needs).

- Carrying: transporting an object; usually by hand, arm, or shoulder.
- Crouching: bending body downward and forward by bending legs.
- Fingering: picking, pinching, or otherwise working with fingers.
- Handling: seizing, holding, grasping, or otherwise working the hand(s).
- Hearing/Talking: Hear and determine direction of sound.
- Kneeling/Crouching: Kneel and crouch in locating and capture of animals.
- Kneeling: bending legs to come to rest on one or both knees.
- Lifting: raising or lowering objects weighing no more than 50 pounds, from one level to another.
- Pulling: Exerting force upon an object so that it is moving to the person.
- Pushing/Pulling: Push/pool animals, kennel, equipment, etc.
- Pushing: exerting force upon an object so that the object is moving away from the person.
- Standing: remaining one one’s feet in an upright position.
- Stooping: Bending the body by bending the spine at the waist.
- Talking: Expressing or exchanging ideas by means of spoken words.
- Vision Near acuity: ability to see clearly at 20 inches or less.
- Walking: moving about on foot.

**Background Check Requirement**

- Criminal Check
- Employment Verification
- Motor Vehicle Record
- Licenses/Certification

**Assessment Requirement**

None
**Probation Period**

Six (6) months.

**Class Detail**

- Pay Grade: J-621
- FLSA Code: N
- Management Level: 10
- Established Date: 4/28/2019
- Established By: Alena Duran
- Revised Date: 6/11/2019
- Revised By: Ryland Feno
- Class History:
  - 6/11/19 - Updated working environment verbiage.