



DATE	March 2014
JOB CODE	
FLSA	NON-EXEMPT
EEO	

JOB TITLE: Senior Signal Technician
DEPARTMENT/DIVISION: Public Works
REPORTS TO: Traffic Operations Supervisor

SUMMARY: Responsible for serving as a lead in the installation, maintenance, and repair of electronically controlled traffic control devices; trains signal crews in proper application of rules and regulations; performs contactor inspections. Work is performed with limited supervision.

ESSENTIAL JOB FUNCTIONS:

- Serves as a lead to lower signal crew staff, which includes: prioritizing, assigning, and monitoring work; providing direction; and/or, performing other related activities.
- Installs, maintains, and repairs traffic signals, school zone flashers, and City-owned and maintained street lighting.
- Responds to emergency and on-call situations.
- Prepares and maintains a variety of records related to division repairs and operational activities.
- Participates in training lower level signal crew staff on work and safety procedures and practices.
- Participates in/on a variety of meetings, committees, and/or other applicable groups to receive and/or convey information.
- Performs inspections of work performed by external contractors involved in constructing traffic signals, installing street lights, and performing underground boring.
- Monitors the work of external contractors and ensures contract terms and specifications are met.
- Performs other duties as assigned.

SUPERVISORY/BUDGET RESPONSIBILITIES:

- Lead responsibility over Signal Crew Members and Signal Technicians.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Knowledge of construction principles;
- Knowledge of basic electronic principles;
- Knowledge of general design standards;
- Skilled in prioritizing and assigning the work of lower level staff;
- Skilled in preparing and maintaining a variety of records related to operational activities;
- Skilled in reading and interpreting schematics and blueprints;
- Skilled in troubleshooting and resolving problems related to traffic signals;

- Skilled in applying independent judgment, personal discretion, and resourcefulness in interpreting and applying guidelines;
- Skilled in operating applicable tools and equipment of the trade;
- Skilled in performing routine repair and maintenance activities;
- Skilled in performing basic construction activities;
- Skilled in performing manual labor;
- Skilled in observing safety rules and regulations;
- Skilled in operating a computer and related software applications;
- Skilled in communicating effectively with a variety of individuals.

MINIMUM QUALIFICATIONS:

- High School Diploma or G.E.D
- Two years of related traffic signal installation experience
- One year of team lead or supervisory experience
- Work Zone Safety Certification or ability to obtain certification within 1 year of employment
- IMSA Level I Certification
- IMSA Level II Certification or ability to obtain certification within 1 year of employment
- Class A CDL or ability to obtain within 3 months of employment

WORKING CONDITIONS:

- Frequent climbing, balancing, reaching, sitting, standing, walking, stooping, kneeling, crouching, talking, seeing, hearing, and manual dexterity.
- Occasional lifting and carrying of over 100 pounds.
- Work is typically performed in standard office and outdoor environments, with potential exposure to adverse weather conditions.
- Work is performed in high and precarious places and near moving mechanical parts.
- Potential exposure to risk of electrical shock, vibration, fumes and airborne particles.

CONDITIONS OF EMPLOYMENT:

- Must pass pre-employment drug test.
- Must pass criminal history check.
- Must pass motor vehicle records check.