

CITY OF CEDAR RAPIDS POSITION PROFILE	JOB CODE #/TITLE: AF017 Traffic Signal Technician II
POSITION #/TITLE: 0308, 0461 Traffic Signal Technician II	Adopted: 07-92 Revised: 03-16

POSITION DESCRIPTION

Dept /Division: Public Works/Traffic Engineering	Manager Level: Non-Manager
Salary Plan/Description: AFS/AFSCME	Salary Grade: 34
Reports To Position #/Job Code #/JC Title: 0124/NB025/Assistant Traffic Engineering Manager	Dotted-line Reports To Position #/Job Code #/JC Title:
FLSA Status: Non-Exempt	City Overtime Status (Employee Type): Non-Exempt (Exception Hourly)
Physical Demand Rating: Heavy	Work Environment: Uncontrolled
Pre-employment Testing: Drug and health screening after contingent offer.	Position Testing: Knowledge and skills test
Personal Protective Equipment: Eye, Face, Hand, Head, Reflective Vest, Hearing, Fall Protection	

General Statement of Duties

Provides labor and technical services in the installation, maintenance, and repair of City electronic equipment used for traffic regulation and safety.

Distinguishing Features of the Class

Work is performed under immediate supervision singularly or in work crews and independently on specific projects. The Traffic Signal Technician II classification is distinguished from the Traffic Signal Technician I by lead technician and construction inspection duties.

Examples of Essential Work (Illustrative Only)

Performs all duties and responsibilities associated with Traffic Signal Technician I position description;
 Assists with training and/ or supervision of Traffic Signal staff, as directed or on specific projects;
 Assists to maintain communication system infrastructure, as directed;
 Performs emergency maintenance and repairs to traffic signal equipment;
 Coordinates maintenance and operation of traffic signal and lighting systems with local utilities;
 Inspects traffic signal or streetlight construction, including technical review of plans and specifications;
 Provides timely and thorough documentation of progress and deficiencies;
 Maintains City-owned streetlights and related facilities; provides timely and thorough documentation;
 Advises superiors on system malfunctions and maintenance needs;
 Performs all work duties and activities in accordance with City policies, procedures and safety practices;
 Supports continuous process improvement initiatives;
 Attends work regularly at the designated place and time; Performs related work as required.

Required Knowledge and Abilities

Considerable knowledge of the practices, methods, and materials used in electrical and electronic control repair work;

Knowledge of methods and techniques of traffic control component maintenance, installation, and operation;
Knowledge of the Manual on Uniform Traffic Control Devices; knowledge of applicable design standards, specifications and details;
Skill in applied methods and techniques of traffic controls and signal installations;
Ability to evaluate work zone traffic control and implement traffic signal modifications to support safe travel;
Skill in the operation and maintenance of test equipment and tools used;
Skill in work management and planning; skill in interpersonal relations as applied to customer service and leadership of other workers;
Ability to work cooperatively and to maintain effective working relationships to accomplish job responsibilities;
Skill in working from and understanding electrical, electronic, and control schematics, blueprints, and/or diagrams;
Ability to operate the following equipment and tools: mechanical hand tools; electrical and electronic testing devices; trencher, pipe-pusher, concrete saw; aerial lift and pole-setting trucks; and related equipment and tools used in the installation and maintenance of traffic signals, streetlights and communication facilities;
Ability to work under general supervision, alone or in work crews and to exercise independent judgment in work method and schedule;
Ability to quickly learn and put to use new skills and knowledge brought about by rapidly changing information and/or technology;
Ingenuity and inventiveness in the performance of assigned tasks.

Acceptable Experience and Training

Graduation from High School or GED; and
Requires a minimum of three years experience in electrical, electro-mechanical, and computer equipment installation and maintenance including a minimum of two years as a Traffic Signal Technician I or comparable position; vocational school-level training including mechanical and electrical coursework; or
Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

Required Special Qualifications

Valid Iowa Commercial Driver's License (Class B) and valid Medical Examiners Certificate.
International Municipal Signal Association (IMSA) certification for Traffic Signal Technician Level II within six months and Traffic Signal Inspection within two years, or as directed.

Essential Physical Abilities

Requires the following with or without reasonable accommodation:
Sufficient clarity of speech and hearing which permits the employee to communicate effectively.
Sufficient vision, manual dexterity, fitness and personal mobility that permits the employee to operate the necessary equipment and tools.