

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of:

The principles and practices involved in the installation, maintenance and repair of traffic signals, controllers, and electronic traffic systems.

Troubleshooting techniques for traffic signal and control equipment and other effective corrective measures.

The occupational hazards and necessary precautions relative to electrical and electronic work and working on and along the roadway.

The tools, equipment and general practices of electronics and electronic design.

Knowledge of microcomputer operations and applications to traffic signal systems.

Skill in:

Locating and repairing defects in traffic signal equipment.

Ability to:

Plan, schedule, organize, train, and supervise the work of others.

Plan and schedule work projects and the personnel and equipment needed.

Read, understand and follow plans, drawings and specifications and schematics.

Establish and maintain effective working relationships with City employees, contractors, and the general public.

Monitor a section budget.

Communicate effectively both orally and in writing.

WORKING CONDITIONS

Primarily an office setting, but frequently needs to apply expertise in the field to resolve problems. Frequently conducts voltage readings, opens voltage boxes, and handles voltage wires when investigating field problems.

MINIMUM QUALIFICATIONS

Associate's Degree or specialized trade school education in electronics, and five years experience in traffic signal installation and repair, including one year of supervisory experience.

Any equivalent combination of training and experience, which provides the necessary knowledge, skills and abilities, is qualifying.

SPECIAL REQUIREMENTS

Applicants will be required to undergo drug testing prior to employment and will be subject to further drug and alcohol testing throughout their period of employment in accordance with the City of Glendale Substance Abuse policy.

Valid Arizona driver's license.