



Salt Lake County Job Description

Automated Traffic Management Systems (ATMS) Coordinator

DEPARTMENT: Public Works

DIVISION: Public Works Operations/4400

JOB CODE: 119 **GRADE(S):** 14

FLSA STATUS: Non-Exempt

SALARY PLAN: TRD

EFFECTIVE DATE: 07/28/2015

SAFETY SENSITIVE: No

JOB SUMMARY

Directs the operation, maintenance, and expansion of the computerized traffic control system used to coordinate Salt Lake County's traffic signal system.

MINIMUM QUALIFICATIONS

Eight (8) years of related experience.

A valid Driver's License issued by the State of Utah may be required to operate a vehicle.

Possession of a valid commercial driver's license with appropriate endorsements.

Must possess a current Utah Department of Transportation (UDOT) Medical Card at the time of hire.

ESSENTIAL FUNCTIONS

The following duties and responsibilities are intended to be representative of the work performed by the incumbent(s) in this position and are not all-inclusive. The omission of specific duties and responsibilities will not preclude it from the position.

Applicants must be prepared to demonstrate the ability to perform the essential functions of the job with or without a reasonable accommodation.

- Directs the design and operation of Salt Lake County traffic signals.
- Coordinates Salt Lake County's computerized traffic control system with UDOT and other outside agencies.
- Supervises the operation of the electronic signal lab.
- Assists and directs the repair of all electronic equipment related to traffic signals.
- Analyzes traffic data using traffic oriented software to evaluate signal timing parameters.
- Ensures timing plans are properly programmed in controllers and/or central computers.
- Assists in training repair personnel for computer system related electronics.
- Assists traffic maintenance crew for emergency and after hours call outs.

KNOWLEDGE, SKILLS AND ABILITIES (KSA)

Knowledge of:

- Computerized traffic signal coordination theory, techniques, communication techniques, mainframe and closed loop applications
- Communication and telemetry techniques used by networks and traffic signals

Skills and Abilities to:

- Communicate effectively both verbally and in writing
- Follow verbal and written procedures and instructions
- Operate specialized electronic test equipment
- Apply engineering principles and techniques to situations and develop and implement solutions to problems
- Coordinate work with other jurisdictions to effectively serve the public and county

WORKING CONDITIONS AND PHYSICAL REQUIREMENTS

Requires occasional field work; may work in all types of weather.

Must be able to operate a motorized vehicle.

IMPORTANT INFORMATION REGARDING THIS POSITION

This position is subject to being called to work prior to or after the scheduled shift in the event of an emergency.

Revised 01/16/2017/MB