

SENIOR TRAFFIC TECHNICIAN

NATURE OF WORK

This is advanced and highly technical work in connection with the Traffic Operations section of the Engineering Services Division.

Work responsibilities may include one or more of the following: overseeing the work of subordinate personnel involved in the maintenance, installation and construction management of traffic control signs or devices; support traffic engineering safety and operational analyses; conducting and/or reviewing engineering studies; reviewing and analyzing requests for coordinating implementation of traffic control signs, signals or devices; pavement markings and traffic signal installations; support traffic engineering project development and management activities; support Lincoln's citywide wired and wireless communications system; maintenance and operation of single mode and multimode fiber optics, copper and wireless radio solutions. Limited supervision is received from a technical or administrative superior in the form of general guidance and review of records, reports and final outcome.

EXAMPLES OF WORK PERFORMED

Reviews and revises signing and marking plans for changing street and traffic conditions.

Reviews and responds to inquiries, requests and complaints pertaining to traffic signing, marking and/or parking meter installation, operation and removal.

Conducts and reviews engineering studies necessary for evaluations of specific traffic control requests.

Performs field inspections of traffic signing, pavement markings, traffic signal installations, ITS devices and communications installations and removal performed by outside contractors.

Prepares annual crash data summary information and development of countermeasures.

Operates the City Automated Traffic Management System (ATMS) software system to ensure proper Intelligent Transportation System (ITS) device operation.

Plans future network upgrades and associated program costs, develops specifications and conducts coordination of project designs.

Conducts maintenance of the communications system while responding to trouble calls.

Performs related work as required.

DESIRABLE KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of City, County, State or Federal transportation planning processes.

Considerable knowledge of the Manual on Uniform Traffic Control Devices.

Considerable knowledge of engineering/planning software and applications.

Considerable knowledge of spreadsheet, word processing, database and e-mail software.

Ability to understand and follow complex oral and written instructions.

Ability to prepare a variety of technical memorandums and reports.

Ability to work independently on a variety of assigned projects with only periodic and general supervision and instructions.

Ability to understand and follow complex oral and written instructions.

Ability to establish and maintain effective working relationships with other government agencies, citizen committees, the media, public officials, other City departments, co-workers and the general public.

Ability to communicate effectively both orally and in writing.

MINIMUM QUALIFICATIONS

Associates degree in computer science or civil engineering field, the electrical or electronic field; and 5 years of experience of a technical nature; or any equivalent combination of training and experience that provides the desirable knowledge, abilities and skills.

NECESSARY SPECIAL REQUIREMENTS

Possession of a valid driver's license when operating a vehicle may be necessary to the satisfactory performance of assigned duties for some positions within this classification.

Must have Sign and Pavement Marking Technician Level II Certification within 12 months of date of hire.

*Depending upon area of assignment, additional special requirements may be identified on the employee position description.

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