



## Traffic Technician

### Definition

Under general direction, to do sub-professional engineering work in design, drafting and traffic engineering; to perform a variety of field and office engineering work; and to do related work as required.

### Typical Job Functions

*Management reserves the right to add, modify, change, or rescind the work assignments of different positions and to make reasonable accommodations so that qualified employees can perform the essential functions of the job.*

Performs varied traffic engineering assignments, operates micro-computer, operates traffic counters, radar equipment, time-lapse motion picture camera and projector, underground pipe and cable locator, turning movement counter and event recorder.

Makes computations necessary to record field observations and data.

Reviews and updates City accident, volume and streetlight maps.

Drafts traffic signal plans and other maps and diagrams from field notes or other rough data.

Maintains drafting supplies.

Prepares necessary records and periodic reports on traffic accidents and traffic control devices.

Times and adjusts traffic signals.

Operates a variety of map duplicating machines.

Makes a variety of engineering calculations.

Performs research of traffic laws, incidents, traffic control technologies and techniques.

Prepares statistical and written reports, traffic control device warrants and graphic displays of information related to traffic engineering from a variety of sources.

### Qualifications

#### Knowledge of:

Mathematics and of the tools and methods used in drafting.

Methods and equipment used in traffic engineering.

**Ability to:**

Prepare technical reports.

Read and interpret complex engineering drawings and related maps.

Make complex mathematical calculations to the level of trigonometry.

Work cooperatively with other employees and the general public.

**Education and Experience**

Any combination equivalent to graduation from high school, plus two (2) years of college, plus (2) years of increasingly responsible experience in sub-professional engineering work in traffic engineering or public works. Two (2) years of qualifying experience may be substituted for each year of college education required.

**Licenses and Certifications**

Must possess a valid California Motor Vehicle Operators License.

FLSA: Non-exempt  
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