

July 1, 1999

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

ASSISTANT ENGINEER - TRAFFIC

DEFINITION:

Under general supervision, to perform journey-level professional traffic engineering and transportation planning work in developing plans for facilitating traffic movements, accident prevention, and street lighting facilities; and to perform related work.

* EXAMPLES OF DUTIES:

- Prepares journey level analyses of, and drafts reports on, varied transportation projects;
- Performs traffic accident analyses, field surveys, and studies of existing statistical data;
- Reviews proposed subdivision maps;
- Makes studies of street and intersection capacity and recommends necessary street changes for improved traffic movement;
- Plans location, reviews calculations, and leads the work of personnel conducting traffic surveys;
- Plans traffic signal, traffic sign, street light, and other control device locations;
- Develops plans, estimates, and special provisions for electrical contract work involving traffic signal and safety lighting systems;
- Prepares complicated traffic signal timing schedules and diagrams and evaluates results obtained following installation of timing schedules;
- Coordinates construction activities with other agencies and citizen groups.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

College graduation with a Bachelor's degree in Traffic, Civil or Electrical Engineering or a closely related field, **OR** certification as an Engineer-in-Training, **OR** registration as a professional Traffic, Civil or Electrical Engineer with a State Licensing Board; **AND** two years of professional traffic engineering or transportation planning experience.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.