

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

PRINCIPAL TRAFFIC ENGINEERING AIDE

DEFINITION:

Under general supervision, to perform routine transportation planning or traffic engineering design or investigation; to perform traffic signal operation analyses; may supervise the collection of traffic data; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Conducts routine traffic investigations of traffic improvement requests such as curb markings, speed zones, site restrictions and time limit parking;
- Reviews traffic control plans and subdivision plans;
- Produces complex engineering drawings using traditional and computerized drafting methods;
- Designs striping plans and traffic analysis zone systems;
- Coordinates striping work orders with the departments;
- Performs trip generation analysis and provides forecasting data to the public;
- Performs screen-check reviews of traffic impact studies;
- Organizes input data for travel forecasting computer programs;
- Reviews and approves routine construction detour and barricade plans effecting public rights-of-way;
- Recommends the placement of traffic signs, crosswalks, and other traffic control devices;
- Performs traffic signalization analysis and prepares routine traffic signal timing schedules;
- Supervises and coordinates speed studies, parking studies and the collection of traffic count data;
- Responds to field emergencies to design or modify traffic control plans;
- Responds to route slips and inquires from the public;
- Compiles and summarizes data for court interrogatories;
- Testifies at depositions and in court;
- Attends community meetings;
- Maintains traffic records;
- Prepares reports;
- May supervise the work of subordinate subprofessional personnel.

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.

Four years of subprofessional engineering experience, including one year of subprofessional traffic engineering experience which must include one of the following: traffic engineering investigations; traffic data collection and analysis such as signal operation, and speed or traffic count studies; development and review of street striping plans; or transportation planning studies. A Bachelor's degree in Engineering may be substituted for three years of the general subprofessional engineering experience. Possession of a valid California Class C Driver's License.

- * **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.