

CITY TRAFFIC ENGINEER

Class Definition

Under general direction, plans and directs the activities of the Traffic Engineering and Parking Division.

Distinguishing Characteristics

The City Traffic Engineer is a division head in the Public Works Department responsible for directing the activities of the Traffic Engineering and Parking Division. Reporting to an Assistant Public Works Director, the incumbent exercises considerable independent judgment relating to traffic engineering activities and performs the functions imposed by the Fresno City Municipal Code. This class is distinguished from Assistant Public Works Director in that incumbents of the latter have responsibility for several divisions. This is an unclassified position in which the incumbent serves at the will of the Public Works Director.

Typical Tasks

(The incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Performs the functions defined in Section 10-202 of the Fresno Municipal Code relating to the duties and powers of the City Traffic Engineer.

Directs professional and technical personnel engaged in traffic engineering work including operations, planning, and parking control.

Directs the design of traffic control facilities including channelization, signs, signals, and streets.

Directs the preparation of engineering sketches, or geometric requirements for public and private roadways, parking lots, traffic signals, and street lighting.

Directs traffic studies including origin and destination, travel time, accidents, transit, volume, capacity, parking, and pedestrian surveys for operational or planning applications.

Acts in an advisory capacity to other city divisions and departments.

Prepares reports and makes recommendations for department head and City Council approval.

Serves as a member of intra-governmental committees on traffic matters.

Confers with technical groups and community groups on traffic problems.

Prepares annual budget requests; monitors and administers approved budget.

Performs related duties as required.

Knowledge, Abilities and Skills

Thorough knowledge of traffic engineering principles, practices, and related construction and maintenance techniques.

Thorough knowledge of statistical and research procedures as they apply to traffic engineering problems.

Thorough knowledge of traffic laws and regulations relating to traffic control.

Considerable knowledge of municipal-owned and operated parking systems.

Considerable knowledge of the principles of electrical design and of the operation of electrical traffic control devices and street lighting systems.

Ability to prepare operational and capital improvement budgets.

Ability to evaluate technical traffic engineering information and statistics and to arrive at valid decisions on the basis of such information.

Ability to plan long-range traffic control programs in light of current data.

Ability to present technical information effectively, both orally and in writing.

Ability to direct, plan, and supervise subordinate employees.

Ability to establish and maintain effective working relationships with employees, other agencies, and the public.

Minimum Qualifications

Graduation from an accredited college or university with a Bachelor's Degree in civil engineering, traffic engineering, electrical engineering, or closely related field; and four years of experience as a Civil or Traffic Engineer including two years of traffic engineering experience in a supervisory position as a registered engineer. Additional qualifying experience may be substituted for the required education on a year-for-year basis.

Necessary Special Requirements

Valid registration as a Traffic or Civil Engineer by the State of California.

Associate grade membership in the Institute of Traffic Engineering is desirable.

Possession of a valid California Driver's License at time of appointment.

APPROVED: _____
Director of Personnel

DATE: _____

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