

TRANSPORTATION ENGINEER

DEFINITION

Under general supervision, oversees the Traffic Signal and Traffic Control Operations, Intelligent Transportation System and Traffic Management Center in the Transportation Engineering Division.

ESSENTIAL FUNCTIONS

(Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills and other characteristics. This list of tasks is ILLUSTRATIVE ONLY, and is not a comprehensive listing of all functions and tasks performed by positions in this class). Incumbents in this class may not be required to perform all duties listed and may be required to perform additional, position-specific duties.

TASKS

Oversees the Traffic Signal and Traffic Control Operations, Intelligent Transportation System and Traffic Management Center in the Transportation Engineering Division; assists in monitoring traffic operation plans, studies and assignments for the City's transportation system; researches and designs transportation plans and requirements; prepares project scheduling, time and material costs; performs quality assurance and reviews and submits progress reports.

Monitors and enforces implementation of Divisional rules and procedures; resolves conflicts and interfaces with citizens and contractors of all project phases to relative questions or concerns; prepares grant/funds applications and reports; maintains files and records; conducts training sessions for subordinate staff.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS

Knowledgeable of transportation engineering principles and practices
Knowledgeable of Division rules and procedures
Knowledgeable of record and file management
Skilled in prioritizing and scheduling divisions' activities
Skilled in following and providing oral and written communication
Skilled in establishing and maintaining productive working relationships
Ability to work independently to complete assignments within timelines
Ability to communicate verbally and in writing with all levels of personnel

WORK ENVIRONMENT AND PHYSICAL REQUIREMENTS

Work is performed in an office environment. Work may require frequent standing, walking and bending. May be exposed to repetitive motion and vision to monitor.

QUALIFICATIONS

A Bachelors degree in Transportation Engineering or closely related field, **AND** four (4) years experience in traffic control operations, systems and planning **OR** an equivalent combination of education and experience. Must possess at the time of application and maintain a valid California driver's license. Depending on the needs of the City, incumbents in this job classification may be required to possess or obtain additional licenses and certifications.