

**SENIOR STREET LIGHTING ENGINEER, 9536**

**Summary of Duties:** Plans, organizes and directs the work of engineering and technical employees engaged in street lighting engineering work; acts as assistant to the Director with respect to engineering services performed by the Bureau of Street Lighting; may represent the Bureau before the City Council, Board of Public Works, and community groups; applies sound supervisory principles and techniques in building and maintaining an effective work force; fulfills affirmative action responsibilities; and does related work.

**Distinguishing Features:** A Senior Street Lighting Engineer is in charge of a number of important design and planning groups. An employee of this class receives assignments in general terms, delegates work to subordinates. The class differs from Street Lighting Engineer in that the latter supervises design and planning groups relating to particular aspects or functions of the Street Lighting system whereas the former class coordinates and is responsible for the efficient performance of all such aspects or functions within budgeted resources. Incumbents in the class of Senior Street Lighting Engineer, as bona fide supervisors, are responsible for the performance of the full range of supervisory activities including application of discipline, processing and resolution of grievances, evaluation of performance and approval of time off requests.

**Examples of Duties:**

- I. Directs and coordinates, through subordinate supervisors, the work of street lighting engineering and subprofessional engineering personnel engaged in the preparation of plans, designs, specifications, and cost estimates for the construction and maintenance of the street lighting.
- II. Coordinates complex or sensitive projects with City and other governmental agencies and contractors.
- III. Supervises and reviews studies of technical implications of proposed policies, evaluations of new lighting equipment, and technological improvements of existing equipment.
- IV. Supervises the development and maintenance of standard design criteria and guidelines.
- V. Prepares, or supervises the preparation of work programs and budget estimates and plans.
- VI. Develops reporting systems on work accomplishment, reviews related reports, and initiates or recommends actions required to ensure program accomplishment.
- VII. Represents the Bureau by explaining the Bureau's recommendations at hearings before various City communities, boards and commissions and the City Council.
- VIII. May act for the Director or Assistant Director of the Bureau in their absence.
- IX. Communicates equal employment/affirmative action information

to employees.

- X. Applies job-related criteria in selecting, orienting, assigning, training, counseling, evaluating and disciplining subordinates.
- XI. Communicates equal employment/affirmative action information to employees.
- XII. Assists employees in preparing for promotion as described in the City's Affirmative Action Program.

May occasionally be assigned to other duties for training purposes or to meet technological changes or emergencies.

**Qualifications:** Incumbents must have the following knowledges and abilities:

**A good knowledge of:**

- XIII. The principles, practices, and standards of street and highway illumination.
- XIV. The principles of civil, electrical, and illumination engineering involved in the design, construction, and operation of street and highway lighting.
- XV. The organization, policies, and functions of the Bureau of Street Lighting and its relationships with other units of City government.
- XVI. Safety principles and practices related to street lighting work.
- XVII. The major principles, practices, methods, and techniques of administration and management organization, budgeting and

financial administration.

- XXVIII. Supervisory principles and practices, including planning, delegating and controlling the work of subordinates.
- XIX. Techniques of training, instructing and evaluation of subordinate work performance.
- XX. Techniques for counseling, disciplining, and motivating subordinate personnel.
- XXI. Procedures for grievance handling.

**A working knowledge of:**

- XXII. The laws and regulations related to equal employment opportunity and affirmative action.

**A general knowledge of:**

- XXIII. City personnel rules, policies and procedures.
- XXIV. Memoranda of understanding as they relate to subordinate personnel.
- XXV. City personnel rules, policies and procedures.

**The ability to:**

- XXVI. Supervise, plan, coordinate, direct, and review the work of a group of engineers and other technical and clerical employees working on a variety of projects.
- XXVII. Prepare clear and comprehensive plans and reports.
- XXVIII. Deal tactfully and effectively with government officials, employees and the public.
- XXIX. Speak clearly and effectively.
- XXX. Apply sound supervisory principles and techniques.

- XXXI. Fulfill supervisory affirmative action responsibilities as indicated in the City's Affirmative Action Program.
- XXXII. Establish and maintain a work environment to enhance both employee morale and productivity.

**Minimum Requirements:**

Two years of professional engineering experience in the planning, design, or construction of streets and highways, transportation or illuminating work at the level of Street Lighting Engineer is required.

**Licenses:**

Registration as a professional engineer with the California State Board of Registration for Civil and Professional Engineers and a valid California driver's license are required.

**Physical requirements:** Strength to perform lifting up to 5 pounds and occasionally over 15 pounds; good speaking and hearing ability; and good eyesight.

Those with medical limitations may be able to perform the duties of this class with reasonable accommodation. The decision to accommodate someone's limitations will be made on an individual

basis and depends on the types of limitations, what the hiring department can reasonably do to accommodate them, and the specific qualifications for the job.

**As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what all of the duties and responsibilities of any position shall be.**