



SENIOR CIVIL ENGINEER

DEFINITION: This is the supervisory-level registered professional engineer. To oversee important engineering projects of the Public Works Department; plan, supervise, and personally perform difficult professional civil engineering work; and to perform related duties as assigned. To oversee certain functions of the Public Works and Road Departments in the absence of the Public Works Director and Deputy Director of Public Works.

ESSENTIAL JOB DUTIES: Under the direction of the Public Works Director or Deputy Director of Public Works, plans, assigns, and directs the work of technical support personnel and professional engineering personnel or personally performs work in the planning, design, surveying, and/or construction of public works projects including roads, bridges, structures, airports, rights-of-way, utility systems, and related structures; assigns and supervises or personally performs the more difficult phases of design and layout work on these projects; supervises or personally performs the preparation of maps, plans, charts, or diagrams; supervises the maintenance of various engineering records and performs engineering office work in connection with cost analyses and progress reports; prepares specifications, makes estimates, and prepares preliminary reports for the aforementioned projects; confers with Public Works Director during preliminary and design stages of work and discusses technical and policy problems; provides technical information to other engineers and the public; works with utilities and land and water companies in matters of relocation and rights-of-way; supervises or personally performs inspection and testing required under County contracts and all inspections for highway projects under the Federal Aid Program; surveys; coordinates survey work and materials testing; trains and evaluates the performance of personnel; prepares complex engineering reports.

EMPLOYMENT STANDARDS

Education/Experience: Must possess a valid California Registration as a civil engineer; must possess two years of experience as an Associate Civil Engineer with the County of Inyo OR five years of professional civil engineering experience with emphasis in public works or related field.

Knowledge of: Principles, practices, and methods of civil engineering as applied to the planning, designing, and construction of highways, bridges, structures, airports, and related systems; methods, materials, and equipment used in highway and bridge construction; properties and uses of materials used in the construction thereof; common descriptions of real property and engineering surveying.

Ability to: Plan, design, and supervise the construction of highways, bridges, structures, utilities, and related systems; train and supervise professional engineering and technical support personnel; prepare accurate plans, specifications, cost estimates, and comprehensive engineering reports; establish and maintain project files and records including financial records; prepare clear, concise reports; analyze complex problems, evaluating alternatives, and making sound recommendations; exercise sound independent judgment within general policy guidelines; work cooperatively with those contacted in the course of work. Ability to stand, sit, bend squat, climb, kneel, twist, and lift and carry up to 50 pounds in the course of work.

Special requirements: Must possess a valid operator's license issued by the California Department of Motor Vehicles.