

**CITY OF FONTANA
PUBLIC WORKS INSPECTOR**

DEFINITION: Under general supervision, performs construction inspection for a variety of Public Works Projects and Sub-Divisions; performs related duties as required.

ESSENTIAL FUNCTIONS: The incumbent must have the ability to:

- Inspect road, sewers and irrigation and landscape, grading storm drainage construction work performed under contract to the City, including earth moving operation, placement of base materials, paving, utility placement, culvert construction, pouring of concrete and specialized facilities, traffic signal installations.
- Enforce compliance with contract plans and specifications.
- Compute contractor work in progress, interpret and coordinate contract provisions with contractor.
- Inspect sub-division construction work, including concrete forms, placement, reinforcing steel, and placement, consolidation and curing of concrete.
- Enforce compliance with plans, specifications, City standards and proper construction practices for work such as installation of sewers, utility conduits, construction of storm drains, culverts, flood control channels, catch basins, junction structures, curbs, gutters, sidewalks, driveways and streets.
- Stipulate corrections and repairs necessary before final acceptance is made.
- Insure proper placement and maintenance of signs, barricades and warning devices.
- Recommend to Supervisor acceptance of Public Improvements in completed subdivisions.
- Inspect adjacent properties for damages from construction activity.
- Coordinate inspection with other City departments.
- Perform routine field tests.
- Confer with City Engineering staff on design problems encountered in the field.
- Maintain log books and records or inspections.
- Perform soil compaction testing, checks materials to ensure compliance with job specifications.
- Make calculations in the field.
- Perform any other tasks or functions deemed necessary to the daily operations of the employer.

THE ABOVE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED AS NECESSARY BY THE EMPLOYER.

WORKING CONDITIONS: Position requires prolonged sitting, standing, walking on level and slippery surfaces, reaching, twisting, turning, kneeling, bending, stooping, squatting, crouching, grasping and making repetitive hand movement in the performance of daily duties. Incumbents may be required to lift, carry and/or push objects weighing 25 pounds or more. The position requires near and far vision when inspecting work. Incumbents work in all weather conditions, use cleaning and lubricating chemicals which may expose the employee to fumes, dust and air contaminants, drive motorized vehicles and work around moving traffic.

EXPERIENCE AND TRAINING GUIDELINES

A combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The employee must have the knowledge of:

- Principles, methods, materials, equipment and safety hazards of construction.
- Applicable laws, regulations, codes, departmental policies governing the construction of public works projects and subdivisions.
- Mathematics, including algebra, geometry and trigonometry.
- Technical report writing and preparation of correspondence, principles and practices of supervision and training.

Ability to:

- Maintain cooperative working relationships with engineers, developers, contractors, and the public.
- Exercise independent judgement.
- Inspect routine and moderately difficult construction.
- Enforce compliance with plans, specifications, ordinances and codes.
- Read and interpret engineering plans, blueprints and specifications, record of survey legal descriptions and tract descriptions.
- Prepare clear and concise correspondence and technical reports involving mathematics.
- Effectively schedule own work load and meet agreed upon inspection times.

Experience: Two years of sub-professional engineering or journey level public works or heavy construction experience, including some constructions inspection experience.

Licenses/Certifications: Possession of a valid California Driver's License.