

ENGINEERING INSPECTOR II

Class Definition

Under general supervision, inspects various types of construction projects involving municipal facilities and property; may provide lead supervision to other staff.

Distinguishing Characteristics

Engineering Inspector II is the working level class in the Engineering Inspector series. Incumbents perform construction inspection and surveying duties, and may serve in a lead supervisory capacity. This class is distinguished from Engineering Inspector I, in that the latter is the entry level class in which incumbents complete assignments under closer supervision. Engineering Inspector II differs from Senior Engineering Inspector, in that incumbents of the latter perform full supervisory duties at a higher level of inspection and contract administration.

Typical Tasks

(Any single position may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Inspects contract work performed by the various trades and crafts engaged in the construction of municipal facilities, including street and building construction, parking lots, bridges, culverts, miscellaneous structures, sanitary sewer systems, irrigation canals and pipelines, street lighting, and traffic signals.

Inspects and tests, or coordinates and reviews the tests of, construction materials such as asphalt, concrete, aggregates, soils, reinforcing steel, building materials, and various types of pipe.

May provide lead supervision to other staff.

Submits complete daily reports to a supervisor concerning all phases of activity on each job assignment.

Prepares cost estimates and checks contractor's progress on jobs; makes assignments to subordinate on-the-job inspectors; accounts for all contract bid items in preparation of payment to contractors.

Prepares engineering field changes during the progress of construction work.

Advises and confers with members of the general public who call concerning problems resulting from construction projects.

May perform construction surveys.

Performs related work as required.

Knowledge, Abilities, and Skills

Considerable knowledge of the principles and practices of engineering and installation of street lighting and traffic signals.

Considerable knowledge of types of soils, testing, general street and building construction, trenching and trench safety, water system installation, sewer and storm drain system installations, design of concrete mix, placing, finishing and reinforced concrete construction, as well as the construction and maintenance of municipal facilities.

Knowledge of construction plans and specifications and the regulations relating to public utility construction.

Ability to read engineering plans and specifications, to work from general, oral, and written instructions, to prepare accurate and legible reports, progress estimates, and as-built drawings.

Ability to establish and maintain harmonious working relationships with fellow employees, contractors, officials and the general public.

Minimum Qualifications

One year of experience similar to that gained as an Engineering Inspector I with the City of Fresno.

Necessary Special Requirement

Valid California Class III Driver's License.

APPROVED: (Signature on file)
Director of Personnel

DATE: 04/07/86

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