

CITY OF DALY CITY
JOB SPECIFICATION

APPROVED BY
PERSONNEL BOARD: 02/08/2007
CITY COUNCIL: 02/26/2007
RES. NO.: 07-35

CIVIL ENGINEER II

DEFINITION

Under direction, to supervise and perform a wide variety of responsible professional engineering work in connection with the preparation of designs, plans, and specifications for a variety of public works projects, and to do related work as required.

EXAMPLES OF DUTIES

Prepare, review, and check preliminary and final engineering designs, plans, specifications and cost estimates relating to the construction of streets, storm drains, water systems, sanitary sewer systems, structures, traffic control systems, and other public works projects; perform detailed checking of subdivision construction plans; perform survey and construction inspection work as required; prepare drawings and other documents relating to right of way acquisition; prepare technical reports on such matters as traffic flow, street deficiencies, storm drainage requirements, structural failures, water system requirements, sanitary sewer system requirements and related projects; may act in capacity of Resident Engineer of construction projects; supervise subordinate engineering personnel; establish and maintain satisfactory employee and public relations.

MINIMUM QUALIFICATIONS

Knowledge of: Modern civil engineering principles, methods and practices, including stress analysis, hydraulics, hydrology, pavement design, traffic engineering, computer-aided drafting and mapping, surveying, technical report writing; the elements of effective supervision.

Ability to: Apply fundamental engineering principles to solving practical problems encountered in the design and construction of streets, storm drains, water systems, sanitary sewer systems, traffic control systems, structures and other public work projects; prepare plans, specifications, and cost estimates for contract documents; prepare engineering computations and technical reports; understand and carry out technical instructions and prepare staff analysis on assigned projects; make independent decisions on technical problems; interact positively and cooperate with co-workers, respond politely to customers, work as a team member, function under demanding time pressure, respond in a positive manner to supervision, and attend work and perform duties on a regular and consistent basis.

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Education: Graduation from a college or university with a Bachelor's Degree in Civil Engineering, or equivalent.

Experience: Two years of experience in civil engineering work at the level of a City of Daly City Engineer I.

License: Registration as a Professional Engineer in Civil Engineering in the State of California is required. Possession of a valid Class C California Driver's License.

R: 02/07