

## **DEVELOPMENT ENGINEER**

### CODES/PAY RANGE

Class Code: 2117    EEO Code: A    FLSA: E    Pay Range: C

### MAJOR FUNCTION

Administrative engineering work in supervising the engineering review of development plans and inspection of improvements resulting from those reviews.

### ILLUSTRATIVE DUTIES

(NOTE: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Supervises the staff of the activity and gives instructions to personnel regarding methods and procedures for field inspections and engineering reviews.

Provides advice and assistance to the activity staff.

Consults with other divisions of the County to coordinate projects.

May make personal field trips to development projects to check on the status as to completion, workmanship, and overall effectiveness of the contractor.

Prepares activity budget and approves expenditures.

Performs related work as required.

### KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of the practices and principles of civil engineering. Knowledge of modern developments, current literature and sources of information, in public works engineering. Knowledge of modern office administration.

Ability to secure State registration as a professional engineer at time of appointment. Ability to plan and direct the work of engineers, inspectors and other personnel in manner conducive to full performance and high morale. Ability to apply engineering knowledge to specific administrative and technical problems. Ability to express ideas clearly and concisely, orally and in writing. Ability to coordinate technical review process.

**(Development Engineer continued)**

Skill in the use of civil engineering instruments and equipment.

MINIMUM QUALIFICATIONS

Bachelor's degree in Civil Engineering and six (6) years engineer, technical and supervisory experience. State registration as a Professional Engineer (PE).

A comparable amount of education, training, or experience may be substituted for the minimum experience.

ADA REQUIREMENTS

Physical Demands: Sedentary work. Ability to see, talk, grasp; finger dexterity. Limited requirement to traverse construction sites.

Environmental Demands: Inside work. Limited exposure to construction sites with dust, fumes, chemicals, inclement weather (heat, humidity, cold, rain.)

Mental Demands: Ability to read and comprehend technical and scientific instruments, documents, and literature; legal documents, statutes, instruments; blueprints, layouts, mechanical drawings; memos, instructions, manuals. Ability to write business letters, evaluations, summaries. Ability to speak clearly and concisely relating information, details and procedures to layman; conversant in theory and practices of discipline. Ability to perform advanced mathematical functions (geometry, trigonometry.) Ability to identify and resolve problems. Ability to analyze data and develop conclusions.

Revised 10/97  
Replaces 10/94