

## **CIVIL ENGINEER III**

### CODES/PAY RANGE

Class Code: 2116

EEO Code: B

Pay Range: 219

### MAJOR FUNCTION

Administrative and professional engineering work in planning, coordinating, and reviewing the work of subordinate technical employees engaged in planning, construction, operation, maintenance, and administration of public works projects and utility systems, and the preparation and maintenance of engineering maps and subdivision plats.

### 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, plans, and directs the activities of a major engineering section. Designs and prepares plans, specifications, and cost estimates for highway, bridges, water supply, and construction.

Prepares reports on plans and specifications submitted for necessary approval.

Directs the planning, supervision of construction, and resident inspection of water supply and sewage projects, highway, bridge and similar public works projects.

Supervises, plans, and directs the operation and maintenance of major public works facilities and systems, including highways, streets, drainage, water supply, and facilities.

Supervises, plans, and directs development of engineering and feasibility reports; preparation; and administration of budgets; utility rate studies; contract administration; and special assessment projects.

Performs related work as required.

### KNOWLEDGE, ABILITIES AND SKILLS

Thorough knowledge in field of civil engineering. Thorough knowledge of modern engineering practices and procedures as they apply to public works. Thorough knowledge of modern developments, current literature and sources of information in the area of public works engineering.

**(Civil Engineer III continued)**

Ability to plan and direct the work of professional engineers, contractors, technicians, and clerical personnel. Ability to give technical and professional review to a wide variety and large volume of engineering plans, specifications and related documents. Ability to present clear and concise reports, orally and in writing.

**MINIMUM QUALIFICATIONS**

Registration as a Florida Professional Engineer in Civil Engineering and five (5) years of progressively responsible experience in engineering, planning, designing, and construction, one (1) year of which at a supervisory level.

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 10/94