

## **CHIEF ENGINEERING INSPECTOR**

### CODES/PAY RANGE

Class Code: 2086

EEO Code: A

Pay Range: 124

### MAJOR FUNCTION

Highly progressive, responsible work in public works engineering inspection and highway construction.

### 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.)

Performs all work found in the Engineering and Senior Engineering Inspector classifications.

May supervise Engineering Inspectors and Senior Engineering Inspectors. Coordinates methods and procedures for field inspections.

Assists contractors and engineers in interpreting County plans and specifications.

Reviews construction plans prepared by others.

Checks layout and grade on construction projects requiring the use of a transit and level.

Makes periodic written reports to superior on progress and percentage of completion on projects, and keeps up to date diary of daily operations of contractor.

Prepares and delivers pay requests, final documents, lien, waivers, change orders, etc.

Makes independent investigations of complaints received by public works concerning various situations such as flooding, pavement conditions, right of way encroachments, etc.; and makes recommendations as to validity and solution.

Acts as a project manager as directed.

Performs related work as required.

## **(Chief Engineering Inspector continued)**

### KNOWLEDGE, ABILITIES AND SKILLS

Knowledge of principles of storm sewer construction, such as pipe laying, curb and gutter, inlets and headwalls. Knowledge of the principles of civil engineering as they relate to public works

construction projects. Knowledge of the principles, methods, materials, and equipment common to general public works construction such as highways, sidewalks, bridges, drainage structures...

Knowledge of various road building materials such as lime rock, soil cement, and asphalt in base courses used for highway construction.

Ability to read, review and interpret a variety of blueprints, plans, and specifications pertaining to public works projects. Ability to make detailed technical inspections and to control assigned projects from commencement to final inspection and acceptance. Ability to carry out pre-assigned detailed inspections without direct supervision. Ability to perform various tests for compaction, bearing values, and percolation of soils. Ability to supervise asphalt construction as related to highway paving operations.

### MINIMUM QUALIFICATIONS

Graduation from high school or possession of a GED and seven (7) years of progressively responsible experience in public works construction, road construction or related field, including checking layout and grade, pavement conditions, and similar situations; or, three (3) years as a Senior Engineering Inspector.

Must possess a valid Florida Driver's License.

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

### ADA REQUIREMENTS

Physical Demands: Medium work. Ability to lift (50 lbs), carry, see (acuity, depth perception, color), walk, stand, climb, push, pull, reach, crawl, kneel, bend; finger dexterity.

Environmental Demands: Outside work. Exposure to inclement weather (rain, cold, heat, humidity), noise/vibration, fumes, odors, chemicals, dust, insects. Ability to traverse uneven/undeveloped terrain.

Mental Demands: Ability to read and comprehend technical and professional journals, manuals and procedures; layouts, blueprints; safety rules, instructions, policies, letters and memos. Ability to write reports, summaries, letters, evaluations. Ability to speak clearly and concisely relaying information, data and details to layman. Ability to perform shop math and general mathematical functions.

Revised 10/94