



## **Field Inspector 1**

**Category:** Classified  
**Pay Grade:** C20  
**Job Code:** 16590

*To perform this job successfully, an individual must be able to perform the essential job functions satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the primary job functions herein described. Since every duty associated with this position may not be described herein, employees may be required to perform duties not specifically spelled out in the job description, but which may be reasonably considered to be incidental in the performing of their duties just as though they were actually written out in this job description.*

### **JOB SUMMARY**

Performs technical engineering work involving inspection of a wide variety of public works, utilities, and building construction projects; inspects technical road, drainage, marine, or utility projects; maintains knowledge of road, building, bridge, dock, and seawall design and construction, potable and reclaimed water distribution and backflow prevention, sewer transmission, and related projects and procedures.

### **ESSENTIAL JOB FUNCTIONS (examples, not all inclusive)**

- Inspects moderately complex road construction, checks plans for proposed construction, confers with builders to ensure county standards are met, and makes written reports;
- Assists contractors and engineers in interpreting County plans and specifications, checks layout and grades of structures or materials, makes arrangements for tests by approved laboratories, makes progress reports, and updates plans to show field changes reflecting final as-builts;
- Reviews site plans with contractors prior to construction and inspects work for compliance with approved plans, specifications, and requirements;
- Inspects sewer construction projects, checks and verifies vertical and horizontal controls conform to construction plans, and inspects to ensure construction practices and workmanship meet specifications;
- Inspects and reports on commercial and residential cross connections, determines locations for water taps, meters, and backflow prevention devices, and maintains files on backflow prevention device tests;
- Inspects water and sewer line installations performed by contractors to verify work and materials meet County requirements and utility system specifications;
- Inspects utility installations to determine compliance with approved permits and plans including telephone, television, electricity, potable water, reclaim water, gas, backflow prevention and cross connection, and sewage or storm sewer piping;
- Acts as liaison between designers and contractors for building projects, reviews plans and specifications to ensure accuracy in construction, and takes samples of construction materials for laboratory tests;
- Reviews dock construction permit applications and makes field inspections of dock construction to ensure compliance with regulations;
- Conducts periodic inspection of dredge or fill projects and investigates and reports on violations of regulations pertaining to dredge and fill activities;
- Coordinates laboratory testing;
- Educates customers on the use of reclaimed water;
- Performs other related job duties as assigned

## QUALIFICATIONS

### **Education and Experience:**

Two (2) years of experience in public works, utilities, or building construction that requires the candidate to demonstrate and apply occupation related technology including computer applications and software to complete regular and special assignments, which includes regulatory compliance with permits for environmental and right of way utilization; or an equivalent combination of education, training, and/or experience.

### **Special Qualifications** (May be required depending on area of assignment):

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Candidate to demonstrate more advanced proficiency, competency, and satisfactory completion of regularly assigned work in an independent manner. Appointing Authority retains discretion to employ an incumbent at this level or advance the incumbent non-competitively or competitively, after a candidate meets the minimum qualifications to an in-line career ladder position within the same organization or department.
- Other knowledge, skills, abilities, and credentials required for a specific position.

### **Knowledge, Skills and Abilities:**

- Knowledge of principles, methods, and materials used in public works construction including road, utility, and marine construction;
- Knowledge of principles of civil engineering related to general construction;
- Knowledge of regulations related to public works and utilities construction;
- Knowledge of local, state, and federal drinking, and reclaimed water regulations;
- Knowledge of cross connection and backflow prevention.
- Skill in enforcing regulations with tact and uniformity.
- Ability to read and interpret civil engineering and construction blueprints, drawings, plans, and specifications;
- Ability to make detailed technical inspections and enforce regulations firmly, tactfully, and impartially;
- Ability to apply computer applications and software;
- Ability to utilize computer, copier, and fax machine to perform various office tasks;
- Ability to express oneself clearly and concisely, orally and in writing;
- Ability to keep records and submit reports.

## PHYSICAL/MENTAL DEMANDS

The work is light work which requires exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force to move objects. Additionally, the following physical abilities are required:

- **Balancing:** Maintaining body equilibrium to prevent falling while walking, standing or crouching on narrow, slippery, or erratically moving surfaces. The amount of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.
- **Climbing:** Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized.
- **Crouching:** Bending the body downward and forward by bending leg and spine.
- **Feeling:** Perceiving attributes of objects, such as size, shape, temperature or texture by touching with skin, particularly that of fingertips.
- **Fingering:** Picking, pinching, typing, or otherwise working, primarily with fingers rather than with the whole hand as in handling.
- **Grasping:** Applying pressure to an object with the fingers and palm.
- **Handling:** Picking, holding, or otherwise working, primarily with the whole hand.
- **Kneeling:** Bending legs at knee to come to a rest on knee or knees.
- **Lifting:** Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. Occurs to a considerable degree and requires substantial use of upper extremities and back muscles.

- Mental Acuity: Ability to make rational decisions through sound logic and deductive processes.
- Pulling: Using upper extremities to exert force in order to draw, haul or tug objects in a sustained motion.
- Pushing: Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.
- Reaching: Extending hand(s) and arm(s) in any direction.
- Visual ability: sufficient to effectively operate office equipment including copier, computer, etc.; and to read and write reports, correspondence, instructions, etc.
- Hearing ability: sufficient to hold a conversation with other individuals both in person and over a telephone; and to hear recording on transcription device.
- Speaking ability: sufficient to communicate effectively with other individuals in person and over a telephone.
- Stooping: Bending body downward and forward by bending spine at the waist. Occurs to a considerable degree and requires full motion of the lower extremities and back muscles.
- Mental Acuity: Ability to make rational decisions through sound logic and deductive processes.
- Talking: Expressing or exchanging ideas by means of the spoken word including those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.
- Repetitive Motion: Substantial movements (motions) of the wrist, hands, and/or fingers.
- Standing: Particularly for sustained periods of time.
- Walking: Moving about on foot to accomplish tasks, particularly for long distances or moving from one work site to another.

### **WORKING CONDITIONS**

Work is performed in an environment with heavy equipment and machinery that could result in bodily harm to co-workers or others.