



Field Inspector 2

Category: Classified
Pay Grade: C24
Job Code: 16600

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 advanced technical engineering work involving inspection of a wide variety of major, extensive public works, utilities, and building construction projects with considerable administrative responsibility in directing and implementing the projects; represents the County during all phases of construction of major public works projects and inspects for compliance, practices, and procedures; 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; plans, assigns, directs, and leads the work of professional subordinate inspectors and Consultant Engineering Inspectors (CEI's) engaged in reviewing plans, inspecting, and providing customer service to citizens throughout the County for adherence to construction specifications and applicable codes; handles administration and implementation of all technical aspects of construction inspections and resolving problems in the field.

ESSENTIAL JOB FUNCTIONS (examples, not all inclusive)

- Participates in technical meetings with engineers, architects, and contractor representatives from preconstruction bidding through project completion;
- Reviews architectural and/or engineering plans and specifications for code compliance, construction feasibility, and utility;
- Issues Red Tags for unpermitted or incorrect work;
- Plans, assigns, leads, and reviews the work of inspectors and CEI's as assigned and gives assistance and advice on difficult and unusual problems when necessary;
- Performs continuous technical field inspections on major construction projects and may act as group leader over inspectors in specific disciplines or on very large projects, including cross connection inspections;
- Interprets specifications to clarify intent or objective and prepares and maintains technical and cost records or reports;
- Expedites construction through advice and consultation services, coordination of scheduling construction tasks and inspections, and control of partial payments;
- Initiates investigations of construction problems, coordinates laboratory testing, and recommends solutions and corrections to achieve final acceptance;
- Inspects and verifies materials used for construction;
- Schedules and monitors tests required by contract specifications;
- Provides field data, existing conditions, and recommendations to Project Administrator and/or Manager to implement field changes;
- Reviews monthly pay estimates for these projects and sends to Project Administrator and/or Manager for approval;
- Performs plan review as required;
- Trains lower level inspectors;

- 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 and storm sewer piping;
- Inspects Capital Improvement Projects, FDOT Job Project Agreements, and private development projects; and
- Performs other related job duties as assigned.

QUALIFICATIONS

Education and Experience:

Six (6) 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.
- Certification in Florida Department of Transportation Maintenance of Traffic (Intermediate), Storm Water Management Inspection, American Concrete Institute (ACI), Earthwork Level 1, Asphalt Level 1, International Municipal Signal Association (IMSA), IMSA Signals, IMSA Signal Inspection, IMSA Signs & IMSA Markings, and/or IMSA Roadway Lighting.
- Candidate to acquire and maintain certification in designated areas according to area of assignment.
- Other knowledge, skills, abilities, and credentials required for a specific position.

Knowledge, Skills and Abilities:

- Knowledge of road, utilities, or building construction principles, methods, materials, and equipment;
- Knowledge of construction practices, material, specifications, codes, and regulations related to building, utilities, street, or highway construction;
- Knowledge of federal, state, and County codes and regulations governing 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 construction specifications, blueprints, and plans and to recognize deviations from such plans during construction;
- Ability to diagnose defects and hazards in building, utilities, and public works construction projects;
- Ability to perform technical computations, analyze data, and prepare reports based on findings;
- Ability to plan, assign, lead, and review the work of those engaged in inspecting construction projects;
- 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;
- Ability to complete required continuing education;
- Ability to use or repair small and medium equipment and machinery.

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.
- **Crawling:** Moving about on hands and knees or hands and feet.
- **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.
- **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.
- **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.
- **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 a dynamic environment that requires sensitivity to change and responsiveness to changing goals, priorities, and needs.