

**Title:** Engineering Inspector  
**PG:** 42  
**Status:** Civil Service  
**Position Reports to:** Civil Engineering I  
**Department:** Public Works

**Class Code:** 3042  
**Date:** 09/08

**GENERAL DESCRIPTION OF CLASS:**

This is advanced technical work in the inspection of civil engineering related construction projects. Work involves the independent performance of a variety of construction inspections to ensure that the construction conforms to approved plans, specifications and departmental requirements. Work may be performed independently or may involve the supervision of subordinate staff in the performance of assigned tasks. Work is performed with general supervision by a supervisor who provides assistance on major problems and reviews work for results obtained.

**ESSENTIAL FUNCTIONS:**

1. Reviews and inspects site construction for public and private sector land development projects such as roadways, drainage, stormwater management systems and utility installations.
2. Serves as a construction inspector on projects initiated by both public and private sector.
3. Reviews construction activities to ensure adherence to approved plans, specifications, City codes, regulations and other standards for design and construction practice.
4. Conducts visual on-site inspections during all stages of construction, including construction materials.
5. Reads and interprets construction plans and specifications; reviews and prepares inspection reports; examines test reports of construction materials; and procedures compliance of construction and procedures; verifies compliance of construction activities and certifies as to project completion to the supervising engineer.

**ADDITIONAL RESPONSIBILITIES:**

1. Performs related work as required.

**KNOWLEDGE, SKILLS & ABILITIES:**

1. Considerable knowledge of the methods, materials and techniques involved in the construction of roads, drainage and storm water management systems, utilities and other site development construction.
2. Considerable knowledge of City of Lakeland Engineering Design Standards, specifications and special requirements or the ability to gain such knowledge in a reasonable period of time.
3. Knowledge of mathematics, as it pertains to standard construction related calculations and measurements.
4. Ability to read and interpret detailed construction plans and specifications in order to ensure compliance with approved plans and specifications.
5. Ability to detect and locate defective materials and workmanship during the progress of a construction project and ability to evaluate the course of action proposed to be taken to remedy the defect in order to bring the construction into compliance with the plans and specifications.
6. Ability to perceive physical and special relationships.
7. Ability to perform manual tasks involving physical strength and continuous outdoor activity.
8. Ability to communicate effectively, both orally and in writing.
9. Ability to establish and maintain effective working relationships with associates as well as employees of private organizations and the general public.

**QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):**

1. High school diploma or its equivalent.
2. Four (4) years of experience in the inspection of public works construction projects.

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3. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

**SPECIAL REQUIREMENTS:**

1. Must possess and maintain a valid state of Florida driver's license.
2. Must possess or acquire within twenty four (24) months of employment, certification through the Florida Department of Transportation in construction related courses.
3. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.