

**CLASS TITLE: ENGINEER II**

**PURPOSE OF THE CLASSIFICATION:** Under general supervision performs experienced level engineering work in the planning, design, construction, and inspection of Public Works projects and other related assigned duties.

**ESSENTIAL TASKS:**

- Checks subdivision plans to insure that proposed streets and storm sewers conform to City standards and specifications
- Assists in design of paving projects, storm sewers, bridges, and other Public Works projects
- Makes quantity and cost estimates
- Prepares advertisements for bids on projects, compiles bids, and makes recommendations on contract award
- Oversees the drafting of various projects
- Coordinates the planning of extension of water and sewer facilities to new subdivisions
- Makes studies and prepares reports for planning purposes
- Reviews plans for compliance with department standard specifications
- Oversees the acquisition and easements of property for Public Works projects
- Makes site investigations to ensure that construction adheres to original plans and specifications
- Must report to work on a regular and timely basis

**Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.**

**QUALIFICATIONS:**

Training and Experience: Graduation from an accredited college or university with a bachelor's degree in civil, mechanical, electrical or chemical engineering and two (2) years of related engineering experience or a master's degree in civil, mechanical, electrical or chemical engineering; and experience in at least two (2) of the five (5) engineering areas as stated in the Engineering Services Progression Criterion Document.

Knowledge, Abilities and Skills: Good knowledge of the principles and practices of civil engineering, drafting, and design as related to municipal Public Works projects; good knowledge of the methods, materials, tools, and of street, sewer, water, and other Public Works construction; good knowledge of engineering mathematics; and some knowledge of the principles and practices of land surveying. Ability to make investigations of engineering problems in connection with design work; ability to make complex engineering calculations quickly and accurately; and the ability to understand and influence the behavior of others within the organization, customers, or the public in order to achieve job objectives and cause action or understanding. Must possess skill in the use of drafting and surveying equipment.

Physical Requirements: Physical requirements include arm and hand dexterity enough to use a keyboard and telephone; frequent lifting and carrying up to 10 pounds, with occasional lifting and carrying up to 20 pounds; occasional pushing and pulling up to 5 pounds; may be subject to walking, standing, reaching, balancing, bending, kneeling, crawling, handling, feeling, climbing, smelling, and twisting; and vision, speech, and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Certification within Oklahoma as an Engineer Intern as evidenced by successful completion of the Fundamentals of Engineering Examination; some positions require possession of a valid applicable Oklahoma driver's License.

**WORKING ENVIRONMENT:** Working environment is primarily indoors in an office setting.

**Class Code: 2015**

**EEO Code: E-02**

**Pay Code: EX-32**

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**Group: Engineering, Planning, and Technical  
Series: Professional Engineering**

**Effective date: July 1, 2000**