



Job Description  
Job Code: 515  
Range 28

## **ENGINEER (PE)**

**DEFINITION:** Under limited supervision of the Development Services General Manager and the Development Services Manager, reviews private development projects, municipal capital improvement projects, streets drainage and water and wastewater utility projects. Independently evaluates, selects and applies standard engineering techniques, procedures and criteria, using judgment in making minor adaptations and modifications. Performs engineering work relating to utility and public works projects, water production, treatment, storage, pumping, distribution system infrastructure, wastewater collection, treatment and reuse facilities, streets, and transportation; stamps plans and reports requiring PE registrant approval and performs related duties as assigned.

**CLASSIFICATION:** This is an exempt, full-time, classified position with full benefits.

**ESSENTIAL FUNCTIONS:** Essential functions, as defined under the Americans with Disabilities Act, may include the following tasks, knowledge, skills and other characteristics. This list is ILLUSTRATIVE ONLY, and is **not** a comprehensive listing of all functions and tasks performed by incumbents of this classification.

### **TASKS:**

Reviews private development engineering submittals for conformance with Federal, State and City regulations, codes and ordinances, and general engineering principles; represents the department at the Code Review Board; design and preparation of bid documents, reviews bids and recommends award.

Performs engineering studies in compliance with commonly accepted engineering standards relating to transportation, traffic, storm water drainage, flood plain administrator, water and wastewater utility infrastructure and presents findings in the form of written reports, graphics and drawings; provides information on City requirements for private developers, contractors, design professionals, and the general public; researches and prepares City standards and ordinances.

Performs engineering analysis on a wide array of engineering problems and recommends solutions to the staff and the general public.

### **KNOWLEDGE, SKILLS, AND OTHER CHARACTERISTICS:**

Knowledge of the principals and practices of civil/municipal engineering  
Knowledge of public works and utility construction  
Knowledge of the safety requirements for construction zones  
Knowledge of the principles and practices of supervision  
Skill in interpreting civil engineering drawings and reports  
Skill in developing and maintaining effective interpersonal relations  
Skill in reading and interpreting written instructions  
Skill in creating concise written communications  
Skill in analyzing data and drawing valid conclusions  
Skill in use of desk top computers

**PHYSICAL REQUIREMENTS:** This classification involves work that requires the ability to traverse uneven terrain and use of the public works vehicles for transportation to job sites.

## Utility Engineer – (Continued)

**MINIMUM QUALIFICATIONS:** The equivalent of a bachelor's degree from an accredited college or university with a major in engineering. Possession of a Professional Engineer certification in the State of Arizona is required. Must obtain designation as a Certified Flood Plain Manager within twelve months of hire.