

### Class Concept

This is entry level technical engineering work supporting higher level technicians and engineers. Positions in this classification perform technical duties supporting engineers and other professionals in areas such as construction, materials testing, design, surveys, and/or program/regulatory compliance. Work functions may include: inspection for compliance and/or code; collection and analysis of field data; testing of materials; review, modification and/or design of plans; analysis of engineering related data, products, and/or functions. Work may include a leadership role.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Working knowledge and understanding of general concepts, practices, and theories used in the technical specialty area under direct supervision.
- Basic knowledge of state and/or federal rules and regulations to determine compliance.
- Basic knowledge and skill in the use of equipment and software.
- Ability to conduct routine inspections for compliance with contract agreements, standards/codes and specifications that may be subject to review.
- Ability to maintain standard records; ability to report needs and/or concerns.
- Ability to serve as survey crew member, assist with operating and maintaining equipment, staking out limits, checking alignment and grade; ability to stake and plot parameters.
- Ability to perform land and property searches and plot information.
- Ability to perform entry-level technical work in a specific materials area or perform sampling, testing and inspection duties to determine the adherence to codes/standards.
- Ability to effectively use verbal and nonverbal skills to express routine or simple technical and/or program concepts and related facts in a clear, concise, organized and persuasive manner.
- Ability to communicate with other staff to ensure that tasks are completed correctly and in a timely manner.

#### Minimum Education and Experience

Associate's degree in Civil Engineering Technology, Survey Technology or assigned discipline from an appropriately accredited institution; or an equivalent combination of education and experience.