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|-------------------|----------------------|--------------------|----------------|
| Job Title | Civil Engineer I, II | Job Code | FS0321, FS0322 |
| Pay Plan | 21 | Pay Grade | 18, 19 |
| Union | Non-Union | FLSA Status | Exempt |
| Job Family | Facilities | Union Code | 0000 |
| | | Subfamily | Engineering |

Job Family & Subfamily Summary

Facilities Professionals plan, design, manage and/or perform activities related to the maintenance, construction and/or installation of facilities, infrastructure and grounds.

Job Summary

Performs specialized duties involving utilities and associated infrastructure which includes coordination, engineering, modeling, design, structural reliability. Also ensures structural standards associate with plants, buildings, and equipment are maintained.

Representative Duties

1. Engineering

- Manages asset inventory to include capital infrastructure, capital planning, and review
- Reviews design coordination, development, and quality assurance on infrastructure and utilities systems
- Evaluates the engineering economy, feasibility studies, and life cycle cost of the utility systems capital, renovation
- Assists in developing system modeling

2. Projects

- Conducts comprehensive, accurate, and complete design reviews pertaining to projects and programs for capital and minor projects
- Manages in-house utility infrastructure capital renewal and reliability projects
- Develops of scope of work
- Selects consultants and contractors

3. Administrative

- Provides administrative oversight of welding inspections
- Engages and provides technical support for various department units
- Works with third party utility providers with aspects involving distribution and transmission designs to support the universit

Education, Experience, Skill Requirements

| | Required | Preferred |
|--------------------------------|------------|-----------|
| Education Level | Bachelor's | Master's |
| Certification(s) | | |
| Licensure(s) | | |
| Work Experience | | |
| See Level Addendum below | | |
| Additional Requirements | | |
| | | |

Physical/Environmental Demands

Standard office environment with no unique physical demands

Level Addendum

Career levels exhibited in this role are listed below. The extent of representative duties listed above will vary in accordance with level of scope, autonomy, and experience described below.

Level I

- 0+ years of relevant work experience
- Work is closely supervised
- Problems faced are not typically difficult or complex
- Explains facts, policies and practices related to job area

Level II

- 2+ years of relevant work experience
- Works independently with general supervision
- Problems faced are difficult but typically not complex
- May influence others within the job area through explanation of facts, policies and practices

This general outline illustrates the type of work that characterizes the job. The statements in this job description are not intended to be an exhaustive list of all duties, responsibilities and qualifications required of the job.