

# LAKE WORTH DRAINAGE DISTRICT

## JOB POSTING

### Associate Engineer

#### General Description:

This is a full-time, entry level engineering position responsible for performing engineering duties in support of the District's operations and maintenance and permitting functions. Duties include working with Permitting and O&M staff to review, develop and implement canal construction plans. Tasks may include evaluating engineering reports, assisting with field operations, plan drawing and development, and surface water modeling. The position will require working with various staff, including field, IT, and administrative staff as well as professional engineering and surveys. Work is performed under the general supervision of the Director of Operations and Maintenance.

#### Essential Job Functions:

- Review canal sections and detail necessary revisions to meet minimum District standards and coordinate with District permitting and O&M staff to develop design and construction plans and prepare ACAD drawings.
- Coordinate with O&M staff to upload plans to Grade Assist systems on District excavators.
- Assist with construction management of District projects.
- Review, modify and coordinate with O&M staff and engineering consultants on the development modification and maintenance of the District's surface water management computer models to verify design impacts and options.
- Work with engineering, surveying and other professional consultants to gather field data and perform field analysis, including flow rate calibrations.
- Assist with other duties requiring compiling and analysis of data sets.
- Due to the District's emergency response role, position may be required to provide support before, during and after major storm events and emergency situations.
- Perform related work as required.

#### Minimum Qualifications:

##### **Education and Experience:**

Bachelor of Science in Civil Engineering, Construction Management, or related degree.

##### **Licenses:**

- A valid FL Driver's License is required.

##### **Knowledge, Skills and Abilities:**

- Ability to communicate ideas effectively, orally and in writing with co-workers, residents, governmental agencies and professional consultants.
- Knowledgeable with surface water engineering concepts and water management models
- Knowledge of land and engineering survey systems, methods and techniques
- Knowledge of heavy construction practices
- Knowledge in the AutoCAD
- Knowledgeable in Geographic Information Systems
- Proficient with Microsoft Word, Excel, PowerPoint and related software packages

# LAKE WORTH DRAINAGE DISTRICT

## JOB POSTING

### Associate Engineer

#### Essential Physical Skills:

- Acceptable eyesight (with or without correction)
- Acceptable hearing (with or without hearing aid)
- Ability to communicate both orally and in writing.
- Walking
- Sitting
- Driving
- Lifting at least 30 lbs.

#### Environmental Conditions:

- Works inside in an office environment
- Works outside in various weather conditions
- Work in, on, or near water.
- Exposure to insects and animals on rights of way
- In or with moving vehicles
- Uneven surfaces
- Dusty and/or noisy conditions

**Salary Range:** \$27.27 - \$44.98/Hour (\$56,722 - \$93,579/Year)

Interested candidates should submit an application and resume at <http://www.lwdd.net/employment-application>

Lake Worth Drainage District is an Equal Opportunity Employer and does not discriminate because of age, color, disability, ethnicity, marital or family status, national origin, race, religion, sex, sexual orientation or any other class protected by law. Preference in appointment will be given to eligible veterans and spouses in accordance with applicable law. A Veterans' Preference Information form is available upon request.