



Pipelayer

Department: Field Operations

Reports to: Foreman

FLSA Status: Non-Exempt

Approved by: COO

Revision Date: February 17, 2024

Supervisory Role: No

Essential Duties and Responsibilities

Assist in the installation of storm, or sanitation sewer pipe lines, water mains and lift stations for municipalities by performing the following duties:

- Check slopes for conformance to requirements, using auto level, transit levels, lasers, or grade rods
- Lay out pipe routes and pump station equipment following written instructions or blueprints, and coordinating with supervisors
- Inspect installation site for debris and safety concerns. Inform the foreman of any concerns so that site can be properly prepared.
- Locate existing utilities
- Locate existing pipes needing repair or replacement, using magnetic or radio indicators.
- Determine grades from bench marks as required
- Determine pipe classification from visual inspection and pipe size by using an O.D. tape.
- Install pump station equipment in accordance with project plans and specifications
- Install and repair sanitary and storm water sewer structures and pipe systems.
- Dig trenches to desired or required depths, by hand or using trenching tools
- Connect pipes pieces, slip joint, mechanical joint, flange joints, and seal joints, using welding equipment, cement or glue. Seal pipes to manholes using portland cement.
- Ensure that the proper tools are retrieved from the construction trailer taken to installation site at start of shift. Return tools at end of shift.

Qualifications, Education, Experience and Certifications

- High school diploma or G.E.D. or an equivalent combination of education and training
- Three (3) years experience and/or training
- Knowledge of the proper and safe operations of gas electric and pneumatic power tools, cut off saws, pumps, vibratory rammers and compacting equipment.
- Basic understanding of Maintenance of Traffic (MOT)
- Ability to use an auto level, transit level, pipe laser, pipe cutting equipment, and trench compacting equipment.
- Basic math skills to calculate the distance and dimension of the pipes

Physical Demands and Work Environment

- Will be exposed to outside weather conditions, be prepared for extreme heat and cold
- May at times be exposed to moving mechanical parts; high, precarious places; fumes or airborne particles; toxic or caustic chemicals; risk of electric shock; loud noise level and vibration.
- Regularly lift and/or move up to 100 pounds. Required to sit; stand; walk; use hands to finger, handle or feel; reach with hands and arms; climb or balance; stoop; kneel, crouch, or crawl and talk or hear
- Specific vision abilities required include close, distance, peripheral, depth perception and ability to adjust focus
- Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions

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Orlando, FL 32824

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Fax: 407.856.8182

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Competencies

To perform the job successfully an individual should demonstrate the following:

- Adaptability
- Attendance and punctuality
- Communication
- Cooperation
- Job knowledge
- Judgment
- Problem Solving
- Quality
- Quantity
- Safety and Security

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