



Senior Distribution Designer

Opens: Tuesday, January 29, 2019

Closes: Until filled

Initial Review: Tuesday, February 12th

Hourly Wage: \$40.63 - \$42.77

Job Purpose

The Senior Distribution Designer is primarily responsible for the field design, staking of all major work plan projects and the overhead and underground primary line extensions to individual customers and developers. This position ensures design is compliant with Rural Utility Services (RUS) specifications and the National Electric Safety Codes.

Essential Functions

1. Designs and stakes all projects, system improvements, overhead and underground primary facilities (including replacements), subdivisions as required, joint-use attachments and make-ready construction, secondary extensions to customers, service upgrades, line relocations, line conversions, remediation of hazard conditions, safety code infringements and violations.
2. Designs construction work plan projects including: feeders, taps, extensions, and spine systems for underground installations and calculates installation in subdivisions, commercial plazas, industrial parks, and master planned developments.
3. Creates and compiles system maps and data for system planning and studies.
4. Sizes and determines the route and location of Trico facilities for residential and commercial line extensions or services.
5. Determines cost estimates for member extensions, developers, builders, and system improvement projects.
6. Utilizes Trico work order tracking system and updates work activity.
7. Assists Members and provides aid to mitigate, track, and solve questions, requests, problems or complaints regarding electric service requirements and construction standards.
8. Executes work according to Trico policies and standards.
9. Sizes transformers and other equipment for services to industrial, commercial, residential and subdivision loads.
10. Coordinates with the right-of-way area for easement drawings and plan details, as needed for acquisition of permits, easements, rights-of-ways, licenses, and special crossings.
11. Completes review of project work orders and "as built" accurately and timely.
12. Reviews and assess residential and commercial member proposed behind the meter generation including photovoltaic solar system installations.
13. Performs emergency storm restoration assessment as needed.
14. Corresponds and coordinates with Cities, Towns, Counties and other entities for platting reviews, utility corridor comments, easement additions, approval, etc.
15. Meets with developers, engineering firms, and contractors to initiate, design, resolve conflicts, and coordinate designs.
16. Attends pre-construction meetings and coordinates with Trico construction crews as required.
17. Performs other duties as assigned.

Competencies

Organizational Competencies

- Communication
- Cooperation & Teamwork
- Customer/Member Focus
- Safety Orientation

Job Competencies

- Attention to Detail
- Critical Thinking
- Job Knowledge
- Technical Application

Minimum Qualifications

1. A High School degree and completion of related courses such as design, surveying, AutoCAD and/or mapping.
2. Six years' experience in drafting, surveying, electric distribution design, mapping and related fields with increasing responsibilities.
3. Proficient with computer aided drafting (preferably AutoCAD 2D).
4. Valid Driver's License.
5. Knowledge of drafting, mechanical design, calculation and trigonometry.
6. Knowledge of Rural Utilities Service (RUS) specifications (or equivalent electric distribution utility standards of construction), construction units, and National Electric Safety Codes (NESC).
7. Ability to work with minimal supervision and work irregular and/or overtime hours as duties may require.

Preferred Qualifications

1. Previous electric distribution cooperative experience
2. Four or two year technical degree
3. Other relevant technical course work

Physical Demands and Work Environment

This job operates in a professional office environment. This role routinely uses standard office equipment such as computers, phones and copiers/scanners. This position may operate in a field environment and can be exposed to hot, cold, wet, or windy conditions caused by the weather.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the job. This position must be able to walk, lift, and carry equipment. Must be able to bend and lift and carry up to 15 pounds.

Please note this job description is not designed to cover or contain a comprehensive list of activities, duties, or responsibilities that are required of the employee for this job. Trico reserves the right to revise or change the job duties as the need arises. Management reserves the right to change the description, duties or work schedules to accommodate individuals with disabilities.

Direct Reports

List by job title any positions to be supervised by the incumbent.

NONE

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is an Equal Opportunity Provider and Employer
M / F / VET / DISABLED and a Drug Free Workplace

If interested in this position, please apply through our Candidate Portal
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