

Concho Valley Electric Cooperative, Inc.
Position Description

Position Title: Staking Engineer Technician II

Departments: Engineering

Reports To: Supervisor of Staking Engineering

Oversees: Personnel as Assigned

FLSA Status: Non-Exempt

NRECA Job Code: 54-4421

Reviewed/Revised: 08/2025

GENERAL DESCRIPTION: Works under general supervision with increased independence in daily tasks. Completes staking and design work for a variety of new services, line extensions, conversions, and system improvements. Capable of completing most work orders from start to finish with minimal guidance, while consulting senior staking personnel or engineering staff for large-scale, complex, or high-impact projects. Provides guidance and on-the-job training to less experienced staking technicians.

PURPOSE: To perform staking and design work for new construction, retirements, and system improvements with limited supervision, ensuring compliance with cooperative standards, applicable codes, and safety requirements, while supporting the training and development of entry-level staking personnel.

ENVIRONMENT: Work is predominantly outside and in the open, being exposed to the weather, away from the corporate office, and exposed to some mechanical hazards. Duties would also include in-office tasks with knowledge of staking and sag programs, documenting permits, easements, and ROW.

EXTERNAL CONTACTS: Member-Consumer; TxDOT; other utility personnel during coordination activities.

DUTIES AND TASKS OF THE JOB:

- Performs all duties of Staking Engineer Technician I, plus the following additional responsibilities:
- Independently surveys and stakes new lines, extensions, conversions, and rehabilitation work within scope and experience level.

- Completes staking sheets, material lists, and cost estimates; ensures accuracy before construction release.
- Performs code clearance checks for roads, communication lines, transmission lines, and other utilities without direct supervision.
- Coordinates with members to review project scope, costs, and required contracts.
- Works with contractors and crews to resolve staking questions or field adjustments during construction.
- Assists with large-scale or complex projects with assistance from senior technician, supervisor or engineer when applicable.
- Uses computer software for staking, mapping, sag/tension, and pole loading calculations.
- Ensures staking designs meet NEC, NESC, OSHA, state regulations, and CVEC standards.
- Provides guidance and field training to Staking Engineer Technician I personnel.
- Prepares right-of-way documents and obtains necessary permits for line construction.
- Supports emergency restoration efforts when called upon.
- Conducts field redesigns for minor route changes without requiring full engineering review, documenting all changes accurately.
- Reviews and approves as-built work orders for compliance with cooperative standards before closing.
- Performs joint-use evaluations for pole attachments when applicable.
- Assists in cost tracking for assigned projects and provides feedback to engineering on estimate variances.
- Assists in identifying system improvement opportunities during field work and reports them to engineering for planning consideration.
- May assist in identifying hazards during storm events or system outages.
- Mentors Staking Engineer Technician I employees in efficient field data collection and staking best practices.

Note: Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time.

PHYSICAL DEMANDS: Occasionally moves up to 30 pounds above the shoulders, waist-high 30 pounds, the waist to floor 30 pounds, and must be able to carry 50 pounds 10 feet; depth/distance visual ability necessary; movement and physical nature of the job includes activities such as standing, walking, sitting, stooping, bending, reaching, kneeling, crouching; must drive a vehicle; moderate exposure to hazardous environment.

EDUCATION AND EXPERIENCE REQUIREMENTS: High school diploma or equivalent required; vocational-technical or associate degree preferred. Two or more years of utility staking experience or equivalent in staking and/or surveying work required. Must demonstrate proficiency with staking software, field surveying equipment, and applicable codes.