



COCONINO COUNTY
invites applications for the position of:
**Senior Survey Technician -
Public Works (0322)**

An Equal Opportunity Employer

SALARY: Annually: \$43,560.00 - \$47,916.00

OPENING DATE: 03/29/22

CLOSING DATE: Continuous

**NATURE OF
WORK:**



Coconino County promotes a transformational leadership philosophy that elicits employee growth, cultivates inspiration, and creates future leaders by empowering employees to solve internal and external customer needs and exceed customer service expectations. As an award-winning organization with high regard for cultural diversity and the positive contributions of the many thriving cultures within our county, our nation, and our society, Coconino County leads a variety of initiatives that celebrate diversity; from our Annual Diversity Day, and monthly Heritage Lunch & Learns, to book clubs, and professional development academies which target diverse workforce segments. Coconino County's respect for diversity is shared throughout the organization. Be part of this optimistic, innovative team where outstanding customer service creates dynamic solutions and engages leadership at every level.

Under general supervision performs para professional civil engineering work of moderate difficulty; performs related work as assigned.

TYPICAL DUTIES:

(Illustrative Only)

- Performs surveys including but not limited to construction projects, flood control, property transfers, boundary and right-of-way locations, GIS support and establishment of survey control county wide
- Performs professional level survey calculations using handheld calculators and survey specific software
- Establishes vertical and horizontal control to be used in topographic and geodetic surveys
- Maintains accurate field records
- Determines correct methodology and equipment to accomplish survey objectives
- Ensures accuracy of measurements within positional tolerances as established by state statute
- Determines what physical monuments to measure based on evidence and historical written record
- Processes and analyzes GPS observations
- Analyzes survey data and prepare the data for use with engineering/survey software
- Prepares pre-design civil engineering drawings from survey data
- Performs professional level research into property ownership, easement, and right-of-way
- Performs other duties as assigned
- Maintains and properly store survey equipment
- Makes recommendations regarding replacement of equipment

Essential functions of this position include but not limited to driving; standing, sitting; walking over uneven ground; working outside in all weather conditions; working with and around others; working alone; interruptions; repetitive motion (hand/wrist); vision acuity near and far; hearing and speech for ordinary conversation; finger dexterity/touch for computer work.

**MINIMUM
QUALIFICATIONS:**

Two years of increasingly responsible surveying or sub-professional engineering work; or, any equivalent combination of education, training and experience which demonstrates the ability to perform the duties of the position. Must obtain Arizona Driver's license by date of hire and maintain it throughout employment.

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The ideal candidate will have a knowledge of the principles, procedures, techniques, and equipment used for land surveying. They will be skilled in using survey equipment and have a desire to learn associated computer programs. The ideal candidate must be able to communicate tactfully and effectively with members of the public.

Preferred qualifications: Experience operating survey grade GPS and robotic total station; experience with AutoCAD Civil 3d, Trimble Business Center, and ArcGIS; ability to read and interpret engineering plans, survey drawings, and legal descriptions.

This position is safety sensitive.

**KNOWLEDGE,
SKILLS AND
ABILITIES:**

- Considerable knowledge of:
 - Cartographic, topographic, boundary and construction layout surveying
 - The methods, materials, equipment and tools used in construction

surveying projects

- Working knowledge of:
 - The application of surveying, drafting, and mathematical tools and techniques to engineering problems

- Ability to:
 - Work varying shifts, weekends and holidays
 - Work extended hours out of doors in varying weather conditions
 - Maintain accurate records and prepare reports for engineering interpretation
 - Establish and maintain effective working relationships with employees, other agencies and then public
 - Follow written and oral instructions
 - Communicate effectively orally and in writing

- Skill in:
 - The use of a wide variety of surveying instruments.

APPLICATIONS MAY BE OBTAINED AND FILED ONLINE AT:

<http://www.coconino.az.gov>

ALTERNATIVE FORMAT MAY BE OBTAINED AT:

219 E. Cherry Ave.

Flagstaff, AZ 86001

Tel: 928-679-7100

Fax: 928-773-1948

recruiter@coconino.az.gov

Job #0803382

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