



Trinity County Employment Opportunity

DEPARTMENT OF TRANSPORTATION

ENGINEERING TECHNICIAN II \$3,573.03 - \$4,343.05 / Monthly

This is a full time, benefitted position

Applications will be accepted until 4:00 PM Monday, March 23, 2020.

ENGINEERING TECHNICIAN II

Definition:

Under general supervision, to perform a wide variety of paraprofessional, technical engineering office and field support work; and to do related work as required.

Qualifications:

Knowledge of:

The fundamentals of civil engineering. Field surveying and surveying equipment. Laws and regulations applicable to the Transportation Department functions, including the Subdivision Map Act. Contract administration. Topographical and construction survey practices. Nomenclature, symbols, methods, practices, techniques, and instruments used in engineering and mapping. Engineering mathematics, including geometry and trigonometry. Testing procedures and equipment for construction materials. Data collection and analysis. Use of computers and computer applications related to engineering work. Computer Aided Design (CAD) systems. Standard office practices and procedures. Caltrans Design Manual and Standard Plans and Specifications.

Ability to:

Perform a variety of paraprofessional, technical engineering office and field support work. Serve as chief of a survey crew. Reduce, interpret, and apply field notes in the performance of technical engineering and drafting work. Comprehend engineering plans and specifications. Use drafting materials and equipment. Analyze and insure the accuracy of property descriptions. Prepare plans, specifications, and estimates for basic Transportation Department projects. Develop accurate records, sketches, and notes. Prepare a variety of records and reports. Read and interpret maps, drawing, and property documents. Make accurate mathematical calculations. Use a computer and computer applications, including CAD systems, in the performance of paraprofessional engineering work. Effectively represent

NOTE: All candidates meeting the minimum qualifications established for this position may not be invited to an oral interview. In the event a large number of candidates qualify, those individuals with experience which most closely meets the needs of the County will be invited for an interview.

WAIVER: The contents of this announcement shall not be construed to constitute any expressed or implied warranty or guarantee, nor shall it constitute a contract or offer of employment. Trinity County assumes no responsibility for the accuracy of the position description and the actual duties of the job, nor does it assume responsibility for any errors or omissions in the information contained herein. The provisions contained in this announcement may be modified or revoked without notice. Wages, hours and other terms and conditions of employment are subject to the Memorandum of Understanding currently in effect for the appropriate unit of representation.

PERS ANNUITANTS: Retirees of PERS are welcome to apply, if selected for the position they would be required to reinstate to employment.

Women, minorities and individuals with disabilities are encouraged to apply. Trinity County is an Equal Opportunity/Affirmative Action Employer. the Transportation Department in contacts with the public, contractors, developers, and other governmental agencies. Establish and maintain cooperative working relationships.

Training and Experience:

Any combination of training and experience which would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the required knowledge and abilities would be:

Four (4) years of previous work experience, performing engineering support work at a level equivalent to the Trinity County Engineering Technician I classification.

Successful completion of Computer Aided Design (CAD) and engineering road design courses, including some direct experience with the California Highway Design Guide, Standard Specifications, and Standard Plans.

Special Requirements:

Possession of, or ability to obtain, a valid and current California Driver's License.
Graduation from high school or GED.

Job candidates possessing Land Surveyor-In-Training or Engineer-In-Training certificates will be given preference in the selection process.

Typical Physical Requirements:

Sit for extended periods. Frequently stand and walk. Corrected hearing and vision to normal range. Verbal communication. Finger dexterity to work with small hand tools and surveying equipment. Walk on uneven terrain and culverts. Coordination and stamina to ascend slopes. Ability to bend, stretch, and reach. Lift and carry objects from 10 lbs. to 60 lbs. Ability to pull brush and debris for continuous periods. Use of office equipment including computers, telephones, calculators, copiers, and FAX.

EXAMPLES OF DUTIES AVAILABLE UPON REQUEST.

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