



PHOTOGRAMMETRIST II
Departmental Open, Non-Promotional
Exam Code: 6TRAM

Department: Caltrans
Bulletin Release Date: 10/05/2016
Final Filing Date: 10/31/2016
Salary: \$7,055.00 to \$8,824.00

INTRODUCTION

Caltrans is pleased to announce the posting of the **Photogrammetrist II** examination. Employment from this examination will be offered in Sacramento County.

EQUAL EMPLOYMENT OPPORTUNITY

Caltrans is an equal opportunity employer to all, regardless of age, ancestry, color, disability (mental and physical), exercising the right to family care and medical leave, gender, gender expression, gender identity, genetic information, marital status, medical condition, military or veteran status, national origin, political affiliation, race, religious creed, sex (includes pregnancy, childbirth, breastfeeding and related medical conditions), and sexual orientation.

DRUG FREE STATEMENT

It is an objective of the State of California to achieve a drug-free work place. All applicants will be expected to behave in accordance with this objective, as the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY?

Applicants who meet the minimum qualifications as stated on this announcement may apply for this examination.

FILING INSTRUCTIONS

[Applications](#) (STD 678) must be received or postmarked no later than the final filing date. FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED. THE EXAMINATION TITLE MUST BE INDICATED ON THE APPLICATION.

***FILE BY MAIL:**

Caltrans
Examination Services (MS 86)
P.O. Box 168036
Sacramento, CA 95816-8036

***FILE IN PERSON:**

Caltrans
Examination Services (MS 86)
1727 30th Street, 1st Floor
Sacramento, CA 95816

***Candidates are responsible for obtaining proof of mailing or submission of their application to Examination Services.**

POSITION STATEMENT

Under general direction, to perform difficult photogrammetric work in the field or office, or to supervise an operational photogrammetric group engaged in obtaining photogrammetric products and acquiring data by photogrammetric procedures; and to do other related work.

ELIGIBLE LIST INFORMATION

A Departmental Open, Non-Promotional eligible list will be established for Caltrans in Sacramento County. The list will be abolished 24 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.

REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

All applicants must meet the education and/or experience requirements for this examination by the final filing date. Your signature on the application indicates that you read, understand, and possess the minimum qualifications required, and that the information provided is true and complete to the best of your knowledge.

All applications must include: "to" and "from" dates (month/day/year), time base, civil service or private sector titles, the duties performed, and an original signature. Applications received without this information will be rejected.

Click on the link below to review the California State Personnel Board class specification which contain the requirements for admittance to the exam:

<http://calhr.ca.gov/state-hr-professionals/pages/3090.aspx>

MINIMUM QUALIFICATIONS

Three years performing duties equivalent to those of a Photogrammetrist I in the California state service.

EXAMINATION INFORMATION

This examination will utilize an evaluation of each candidate's experience and education/training compared to a standard developed from the class specification. For this reason, it is especially important that each candidate take special care in accurately and completely filling out his or her application. List all experience relevant to the "Minimum Qualifications" shown on this announcement. Supplementary information will be accepted, but read the "Minimum Qualifications" carefully to see what kind of information will be useful to the staff doing the evaluation.

This examination will be weighted 100%. In order to obtain a position on the eligible list, a minimum score of 70% must be attained.

KNOWLEDGE AND ABILITIES

Knowledge of:

1. Stereoscopic instruments and photogrammetric applications
2. Photo-identification of control and control planning
3. Surveying practice related to photogrammetry
4. Photogrammetric mapping procedures, specifications, contracts, mapping symbology, software and Computer Aided Drafting and Design (CADD) mapping procedures
5. Computer application software including word processing, spreadsheets, databases, e-mail, SoftCopy, Computer Aided Drafting and Design (CADD) engineering workstations and software including 3D mapping applications Microstation, Descartes and supporting softwares
6. Photogrammetric principles and the application of the California Coordinate System as related to photogrammetric measurements and operations
7. Principles of effective communication
8. Photogrammetric instrument and computer operation as related to analytical and softcopy stereoplotters
9. Principles related to precise measurements of terrain from aerial and terrestrial photography and application of these measurements to highway design and other applications
10. Computer application software related to analytical and softcopy stereoscopic instruments (including the transfer of data to other computers and peripheral equipment)
11. Procedures, equipment, and materials used in surveying and photogrammetric mapping using digital softcopy

Ability to:

1. Read and write English at a level required for successful job performance

2. Analyze situations accurately and take effective action
3. Prepare reports and correspondence
4. Establish and maintain cooperative and professional relations with those contacted in the course of the work
5. Work independently
6. Efficiently operate analytical or softcopy stereoscopic instruments performing precision measurements and mapping work
7. Apply and utilize the principles of the California Coordinate System
8. Detect differences in distance using stereoscopic cues that are measured by the smallest difference in the images presented to the two eyes that can be detected reliably (stereoacuity)

ADDITIONAL DESIRABLE QUALIFICATIONS

Education equivalent to completion of the 12th grade.

VETERANS' PREFERENCE

Veterans' Preference will be applied to those competitors who are successful in this examination and who qualify for, and have requested, Veterans' Preference through the California Department of Human Resources.

CAREER CREDITS

Career Credits will be added to the final score of this examination.

CONTACT INFORMATION

For more information regarding this examination, please contact the examination analyst at (916) 227-7731.

GENERAL INFORMATION

For an examination without a written feature, it is the candidate's responsibility to contact **the testing department** three weeks after the final filing date if he/she has not received his/her notice.

Applications are available at <https://jobs.ca.gov/pdf/std678.pdf>, California Department of Human Resources (CalHR), and local offices of the Employment Development Department.

If you meet the requirements stated on this bulletin, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the others who take this test, and all candidates who pass will be ranked according to their scores.

Caltrans reserves the right to revise the examination plan to better meet the needs of the service, if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and the ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional, 2) departmental promotional, 3) multi-departmental promotional, 4) service-wide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

If High School Equivalence is Required: Equivalence to completion of the 12th grade may be demonstrated in any one of the following ways: 1) passing the General Educational Development (GED) Test; 2) completion of 12 semester units of college work; 3) certification from the State Department of Education, a local school board, or high school authorities that the candidate is considered to have education equivalent to graduation from high school; 4) for clerical and accounting classes, substitution of business college work in place of high school on a year-for-year basis.

Veterans' Preference: Pursuant to Assembly Bill 372, Veterans' Preference will be awarded as follows, starting January 1, 2014:

1. Any veteran, widow or widower of a veteran, or spouse of a 100 percent disabled veteran, who achieves a passing score in an open examination, shall be ranked in the top rank of the resulting eligibility list.
2. Any veteran who has been dishonorably discharged or released is not eligible for Veterans' Preference.
3. Veterans' Preference is not granted once a person achieves permanent civil service status (Permanent State civil service status means the status of an employee who is lawfully retained in his/her position after completion of the applicable probationary period. This includes permanent intermittent, part-time, and full-time appointments. In addition, individuals who at any time achieved permanent State civil service status and subsequently resigned or were dismissed from State civil service are not eligible to receive Veterans' Preference).

Veteran status is verified by the California Department of Human Resources (CalHR). Directions to apply for Veterans' Preference are on the Veterans' Preference

Application (CalHR Form 1093) which is available at <https://jobs.ca.gov/Public/Jobs/Veterans.aspx>, CalHR, and the Department of Veterans Affairs.

Career Credits: In Open, Non-promotional examinations, Career Credits are granted to: 1) State employees with permanent civil service status, 2) full-time employees of the state who are exempt from State civil service pursuant to the provisions of Section 4 of Article VII of the California Constitution, and who meet all qualification requirement specified by the Board and have 12 consecutive months of service in an exempt position, and 3) individuals who have served one full year in, or are graduates of, the California Conservation Corps (eligibility shall expire 24 months after graduation from the California Conservation Corps). Three points are added to the final test score of those candidates who meet the above criteria, and who are successful in the examination. Such examinations cannot be for managerial positions described in Government Code Section 3513. Competitors not currently employed in State civil service who have mandatory reinstatement rights may also be eligible for career credits, but they must explain their service status in the appropriate section of the application Form 100-678. (Section 4 of Article VII of the California Constitution is posted at the State Personnel Board, 801 Capitol Mall and Sacramento).

TTY is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TTY Device.

For individuals with disabilities, this document may be available upon request in alternate formats. To obtain an alternate format, please call or write to Caltrans, Office of Examinations and Recruitment Services, P.O. Box 168036, MS 86, Sacramento, CA 95816. Voice (916) 227-7858 California Relay Service: Voice 1-800-735-2922 or TTY 1-800-734-2929.