

<https://www.governmentjobs.com/careers/sacramento/jobs/1776996/senior-civil-engineer>



Senior Civil Engineer

Salary

\$141,441.12 - \$155,952.72 Annually

Location

Sacramento, CA

Job Type

Permanent Full-Time

Job Number

27709-A

Department

County Wide

Opening Date

07/10/2017

Closing Date

Continuous

The Position

There is an additional 3.35% Management Differential which is added to the posted salary for this class.

This is a continuous filing exam. The next filing cut-offs are at 5:00pm on:

12/7/22, 3/7/23, 6/7/23, 9/7/23, *9/11/23, 12/7/23

Incumbents are responsible for a variety of civil engineering work in connection with the design, surveying, testing of materials and construction of public works projects. Public works projects include, but are not limited to roads and bridges; traffic control system design; drainage, water and wastewater collection, distribution and treatment; airports; new building construction and remodels; and other structures

and projects.

Senior Civil Engineer is characterized by the assignment of responsibility for a specific program, functioning either as a project/resident engineer or acting in a staff engineering capacity assisting major division chiefs in determining and fulfilling program responsibilities of the division. The position calls for the exercise of a high degree of initiative, technical proficiency, and judgment. Supervision over professional engineers, including one or more Associates, is normally required of this class, but assignments may be of a highly specialized and very responsible function that does not require supervision of others. In developmental programs, or programs which rely on the services of private consulting firms, this class may supervise few direct subordinates. The Senior is distinguished from the lower class of Associate by the level of responsibility and difficulty and variety of engineering work performed. A Senior is normally responsible for all phases of a major program, whereas an Associate is responsible for one or more individual projects within a program.

Incumbent(s) receive general direction from a higher level manager and exercise(s) direct and indirect supervision over lower level professional staff, technical, and clerical personnel.

Examples of Knowledge and Abilities

Knowledge Of

Applicable to All Options

- Principles and practices of civil engineering
- Methods and materials used in the design and construction of varied civil engineering projects
- Budget preparation
- Principles and techniques of personnel management and supervision
- Laws and regulations pertaining to public works construction and design

General Option

- Civil engineering principles and practices applicable to construction, material testing administration, solid waste management
- Design of park facilities, parking lots and other miscellaneous civil engineering projects
- County surveyor and permit functions
- Laws and regulations pertaining to these programs

Airport Option

- Engineering practices and principles applicable to planning and designing airfield and aircraft navigation facilities/equipment, roadways, traffic control and signaling, vehicle parking, sewer facilities, flood control and storm drainage, and water supply
- Federal, state and local laws ordinances and regulations pertaining to airport facilities
- Policies and procedures for coordinating airports projects with other Federal, State, County and other local agencies
- Financial management practices pertaining to the preparation and monitoring of capital improvement program project descriptions, and FAA grants
- Project management practices pertaining to the preparation of preliminary design and cost estimates for determining project budgetary needs, including other County departments' project support costs, and the identification of other branches' and/or departments' resource needs for design and construction projects

Highway Engineering Option

- Specialized civil engineering principles and practices applicable to streets and highways
- Survey and construction practices related to highway projects
- Federal and state laws and regulations pertaining to highway and bridge construction and use
- Traffic control system design
- Traffic system management concepts

Sanitary Engineering Option

- Specialized principles, practices, and methods of sanitary engineering
- Bacteriological, biological, physical, chemical, and other quality control processes involved in the treatment of wastewater
- Laws and regulations relating to wastewater treatment, collection, distribution and quality control requirements

Water Resources Engineering Option

- Specialized knowledge of the principles, practices and methods of hydraulics, hydrology, water supply, hydraulic structures, drainage and flood control
- Laws and regulations pertaining to these subjects, as well as to ground and surface waters and water distributing agencies

Ability To

- Plan, supervise and direct the work of professional and technical staff
- Analyze engineering and managerial problems and work out effective solutions
- Evaluate and perform difficult design work; perform feasibility and cost analysis studies
- Write reports, specifications, and contract documents
- Make written and verbal presentations to professional and civic groups work effectively with subordinates, superiors, official bodies, and the general public

Employment Qualifications

Minimum Qualifications

Current registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.

AND

Three years of full-time experience as a registered engineer performing duties which have included difficult and complex civil engineering projects with responsibilities comparable to those of a project, resident, or operations engineer for public works projects. Experience to be applied must be comparable to that of an Associate Civil Engineer within County of Sacramento service. Two years of this experience shall be in the option being tested. A Masters Degree in the option being tested may be substituted for one year of the experience.

Note: The word "experience" referenced in the minimum qualifications means full-time paid experience unless the job announcement states that volunteer experience is acceptable. Part-time paid experience may be accumulated and pro-rated to meet the total experience requirements.

Note: If the minimum qualifications include an educational or certificate/license requirement, applicants must submit proof of requirements with the application. Failure to submit proof of requirements may result in disqualification from the examination. Unofficial transcripts are acceptable. For guidelines on submitting acceptable proof of educational requirements, please click [here \(Download PDF reader\)](#) or speak to someone in our office before the cut-off date listed in this notice.

General Qualifications

Driver's License: A valid California Driver's License, Class C or higher, is required prior to appointment to this class. Failure to maintain the appropriate California Driver's License, may constitute cause for termination from this class in accordance with Civil Service Rule 11.4. Individuals who do not meet this requirement due to disability will be reviewed on a case-by-case basis.

Certification Requirements: Per Health and Safety Code, Sections 18949.25 – 18949.31, incumbents may be required to obtain a certification from a recognized

state, national, or international association, as determined by the County, within two years of date of hire or assignment.

Some positions in this class series require incumbents to complete one year of verifiable experience in the appropriate field and, within one year thereafter, to obtain certification from a recognized state, national, or international association, as determined by the County.

Any person currently and continuously employed by the County as an inspector, plans examiner or building official, for not less than two years prior to January 1, 1996, is exempt from the certification requirements as outlined above.

In addition, persons appointed to this class might be required to complete a minimum of 45 hours of continuing education every three years. The County may determine appropriate providers of continuing education such as community colleges or organizations affiliated with code enforcement.

Note: Failure to meet the required certification requirements may constitute cause for termination from this class in accordance with Civil Service Rule 11.4.

Physical Requirements:

- Sit for extended periods, frequently stand and walk
- Have manual dexterity and eye-hand coordination need to use a variety of office equipment such as computers, telephones, calculators, copiers, and drafting equipment
- Have corrected vision in order to review plans and specifications and perform other essential functions of the job
- Occasionally walk on uneven terrain at construction sites, etc.

Individuals who are unable to pass some of the physical requirements due to physical disability will be reviewed on a case-by-case basis.

Working Conditions: May be required to work in excess of 40 hours a week and/or work irregular hours, particularly during emergency situations.

Criminal History Check: The County may access criminal history information on candidates who have accepted a conditional offer of appointment within this class consistent with the provisions of Board of Supervisors Resolution No. 82-602, Personnel Policies and Procedure B-5 and applicable federal and state law. The County shall not consider for employment any applicant who has been convicted of a felony or misdemeanor that relates to or impacts the applicant's ability to perform the job duties of this class unless it is determined that mitigating circumstances exist. For purposes of accessing criminal history information, the candidate will be fingerprinted. A subsequent arrest notification may be obtained.

Special Access: Some incumbents in this class must acquire and maintain an airport

security badge allowing access to secure County airport locations.

Probationary Period

The probationary period for this classification is twelve (12) months.

Application and Testing Information

APPLICATION

Qualified applicants are encouraged to apply immediately. All applicants must complete and submit an online County of Sacramento employment application by **5:00 PM** on the posted cut-off date. Click [here](#) to apply.

County of Sacramento
Department of Personnel Services
Employment Services Division
700 H Street, Room 4667
Sacramento, CA 95814
Phone (916) 874-5593; 7-1-1 California Relay Service
Email EmployOffice@Saccounty.net
Inter-Office Mail Code: 09-4667
www.SacCountyJobs.net

- Employment applications and all documentation requested in this announcement must be submitted by 5:00 p.m. on the cut-off date.
- Employment Services is not responsible for any issues or delays caused by an applicant's computer or web browser. Applicants will be automatically logged out if they have not submitted their applications and all documentation prior to 5:00 p.m. on the cut-off date.
- Your application should highlight all relevant education, training, and experience, and clearly indicate how you meet the minimum qualifications for the position as of the cut-off date.
- Application information must be current, concise and related to the requirements in this job announcement. You may only apply for this recruitment once. Duplicate and incomplete applications will be disqualified.
- A resume may be included with your application, however it will not substitute for the information requested on the application.

SUPPLEMENTAL QUESTIONNAIRE

Applicants are required to provide a full and complete response to each supplemental question. The Supplemental Questionnaire is located in the tab marked "Supplemental Questions". Please be descriptive in your response.

Note: Responses of "See Resume" or "See Application", or copy and paste of work experience are not qualifying responses and will not be considered.

- Supplemental Questionnaires must be submitted by 5:00 p.m. on the cut-off date. Employment Services is not responsible for any issues or delays caused by an applicant's computer or web browser. Applicants will be automatically logged out if they have not submitted their applications and all documentation prior to 5:00 p.m. on the cut-off date.
- The supplemental questions are designed to elicit specific information regarding a candidate's experience, education, and training. Responses should be consistent with the information on your application and are subject to verification.
- Please provide place of employment, pertinent dates, and concise, descriptive and detailed information for each question.
- If a job included responsibilities applicable to several questions, separate the different functions of the job to answer all the questions completely.
- Resumes or referral to the application or other questionnaire responses will not be accepted in lieu of completing each question.
- If you have no experience, write "no experience" for the appropriate question.
- For many individuals, it is more efficient to develop responses to the supplemental questions in a word processing document and then paste them into the final document to be submitted. Changes or corrections to your Supplemental Questionnaire cannot be made once your application packet has been submitted.
- If the Supplemental Questionnaire is used in the Formula Rate exam, failure to complete all of the questions or incomplete responses will result in a lower score. While scoring the Supplemental Questionnaire, the candidate's application and/or attachments will not be reviewed, therefore, a candidate's responses to the questions should be accurate, thorough, detailed, and complete.

FORMULA RATE EXAMINATION (Weighted 100%)

All candidates meeting the minimum qualifications by the cut-off date will have their Supplemental Questionnaire scored in the Formula Rate Examination.

This examination will evaluate the relevance, level, recency, progression and quality of candidate's education, training and experience. The candidate's application or other materials will not be included in this examination. Therefore, the candidate's responses to the supplemental questionnaire should be thorough, detailed and complete. The score from the Formula Rate Examination will determine the ranking on the eligible/employment list for this job.

All candidates competing in the testing process will receive written notice of their examination results by email. Notices can also be accessed in their governmentjobs.com inbox. Applicants achieving a passing score will be placed on the eligible list in rank order. The rank is determined by the test score attained from the examination.

FREQUENTLY ASKED QUESTIONS

Click [here](#) for Frequently Asked Questions (FAQ's)

For information regarding County jobs:

- www.saccountyjobs.net

Agency

County of Sacramento

Address

700 H Street, Room 4667

Sacramento, California, 95814

Phone

(916) 874-5593

Website

<http://www.saccountyjobs.net>