



CITY OF FAIRFIELD
invites applications for the position of:
**Assistant Civil/Associate
Civil Engineer (Traffic)**

An Equal Opportunity Employer

SALARY: \$41.77 - \$53.35 Hourly
\$3,341.60 - \$4,268.00 Biweekly
\$7,240.13 - \$9,247.33 Monthly
\$86,881.60 - \$110,968.00 Annually

OPENING DATE: 03/08/19

CLOSING DATE: 04/22/19 05:00 PM

DESCRIPTION:

The City of Fairfield is seeking to fill an Engineer position within the Transportation division of the Public Works Department. Placement and salary will be based upon candidate qualifications and complexity of duties performed. There is currently one vacancy; however, an eligibility list will be established.

An excellent benefits package is offered, including:

- Scheduled salary increases of 4% in July 2019 and July 2020
- CalPERS pension eligibility (2.5% @55 for classic members or 2% @ 62 for new PERS members)
- Generous contributions to medical, dental, and vision plans
- In addition to vacation and sick leave, 144.86 hours of personal leave annually, which is 100% cashable
- City paid retirement health savings contributions and life insurance
- City paid deferred compensation contribution 8.24% (mandatory employee contribution is 4.10%)
- A 9/80 work schedule with every other Friday off

WE'RE LOOKING FOR SOMEONE WHO:

- Displays a positive outlook, who is an independent thinker, but not afraid to seek help or input.
- Is knowledgeable of transportation/traffic engineering operations and has the ability to understand fiber/copper/microwave communication networks.
- Responsive and understands the importance of customer centered attention.
- Willing to work with and mentor operational staff in all aspects of transportation/traffic.
- Has knowledge or the ability to learn Synchro/Sim Traffic as well as other operational models.

CHALLENGES YOU MIGHT FACE IN THIS JOB:

- Prioritizing the needs of pedestrians, bicyclists, transit, and motorists.
- Working to meet the needs of the residents, while balancing other demands.
- Understanding and using the Citywide central traffic signal and adaptive system and advancing the communication network.

- Determining how autonomous or connected vehicles could be integrated into the transportation circulation system.
- Developing standard operational procedures for field staff.

WORKING CONDITIONS:

Work is performed in an office setting with frequent interruptions, deadlines, complaints, and peak workload periods. Position may require working nights and weekends. Depending on the area assigned, may be exposed to variable weather, construction and traffic noises associated with observing construction projects or conditions and circulation on streets, intersections, or other areas.

PHYSICAL DEMANDS:

Work may include prolonged sitting and standing, as well as light to moderate lifting, reaching, stooping and pulling. Manual dexterity, clear (understandable) speech, visual and hearing acuity are also required.

SUPERVISION RECEIVED AND EXERCISED:

Receives general direction from the Senior Civil Engineer or Traffic Engineer. May exercise technical and functional supervision over lower level support personnel.

MINIMUM QUALIFICATIONS:

Candidates should possess a valid California driver's license and the following qualifications:

ASSISTANT CIVIL ENGINEER - \$7,240 - \$8,801 monthly

- One (1) year of professional civil engineering experience in the City of Fairfield, or two (2) years of professional civil engineering experience, including experience in the design of public works transportation facilities or development review plan checking, as applicable, are required.
- A Bachelor's degree from an accredited college or university with major course work in civil engineering is required.
- Possession of a current registration as a Civil Engineer in the State of California is required.

ASSOCIATE CIVIL ENGINEER - \$7,607 - \$9,246 monthly

- Two (2) years of professional civil engineering experience equivalent to an Assistant Civil Engineer with the City of Fairfield or three (3) years of professional civil engineering experience are required. Experience in the public sector, project management, contract administration, consultant selection, regulatory permitting, designing, constructing and / or maintaining municipal infrastructure is highly desirable.
- A Bachelor's degree from an accredited college or university with major course work in civil engineering is required.
- Possession of a current registration as a Civil Engineer in the State of California is required.

EXAMPLES OF DUTIES:

Duties may include, but are not limited to the following:

Review or prepare traffic control plans for development or capital projects.

Conduct engineering studies for the installation of traffic control devices.

Prepare or review all phases of engineering design, plans and specifications for the construction of street lighting, traffic signals/interconnect, signing, striping and pavement markings.

Perform field inspections of traffic signal installations and operations, street lighting, signing and striping.

Conduct traffic and transportation studies; design, develop and implement traffic signal timing intelligent transportation systems and communication fiber/copper networks; perform system analysis and provide recommendations to improve signal system effectiveness through field observations or software tools such as Synchro.

Analyze crash and collision analysis of all modes and recommend mitigations to reduce trends.

Meet with residents, contractors, or developers to resolve conflicts involving traffic control devices.

Work with maintenance staff in implementing various traffic control devices.

Perform related duties as assigned.

KNOWLEDGE & ABILITIES:

Knowledge of:

Principles and practices of civil engineering.

Design, construction and maintenance requirements of public works facilities.

Engineering mathematics.

Strength, properties, and uses of the materials of engineering construction.

Ability to:

Communicate effectively, both orally and in writing.

Prepare accurate plans, specifications, cost estimates, and engineering reports.

Learn and interpret City ordinances and department policies pertaining to public works.

Prepare detailed plans and specifications.

Establish and maintain relations with contractors, consultants, and other employees.

Use computers and develop spreadsheets for cost analyses.

Supervise the work of other employees.

THE SELECTION PROCESS:

Based on the information provided in the application documents, the best-qualified applicants will be invited for further examination. All applicants meeting the minimum qualifications are not guaranteed advancement through any subsequent phase of the examination. Depending upon the number of applications received, the examination may consist of an application screening, written and/or practical exam, oral interview, or any combination. This position requires a local records check, and response to a medical questionnaire prior to appointment. A pre-employment medical exam may also be required.

More about our City:

[Welcome to Fairfield Video](#)

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.fairfield.ca.gov>

Job #2018-00065
ASSISTANT CIVIL/ASSOCIATE CIVIL ENGINEER (TRAFFIC)
PR

OUR OFFICE IS LOCATED AT:
1000 Webster Street
Fairfield, CA 94533
707-428-7394

An Equal Opportunity Employer

Assistant Civil/Associate Civil Engineer (Traffic) Supplemental Questionnaire

- * 1. Do you possess, or have the ability to obtain, a valid Class C California Driver's License at the time of appointment?
 - Yes
 - No
- * 2. Which best describes your highest level of education?
 - High School Diploma or GED
 - Some College
 - Associate's Degree
 - Bachelor's Degree or higher
- * 3. Are you currently registered as a Civil Engineer in the State of California?
 - Yes
 - No
- * 4. How many years of professional civil engineering experience do you have?
 - Less than 2 years
 - 2 years to less than 3
 - 3 years to less than 4
 - 4 years or more
- * 5. Please describe the experience you have in traffic/transportation design, operations and planning?

- 6. If you've worked in traffic/transportation, please describe a challenging transportation project you were involved with?

* Required Question