

## Job title

Entry-Level Civil Engineer (Traffic)

Company: TJW Engineering

TJW Engineering, a traffic engineering and transportation planning consulting firm based in Irvine, California, is seeking a talented individual to join our team. Located in the heart of Southern California, our firm works on a wide range of projects for public and private sector clients across California and the western United States. This is an excellent opportunity for an entry-level Civil Engineer to embark on a fulfilling career in traffic engineering and transportation planning within a small, collaborative consulting environment.

## Responsibilities:

As a civil engineer at TJW Engineering, you will collaborate with a dedicated team of professionals to design a variety traffic engineering plans and designs. Our firm's collaborative and supportive atmosphere promotes professional growth and allows individuals to play a pivotal role in shaping the transportation environment. Under the guidance of registered Civil Engineers, Traffic Engineers, and Professional Transportation Planners, you will work on various tasks and projects, including but not limited to:

- Traffic Signal Design
- Intelligent Transportation Systems
- Complete Streets and Bikeways
- Signing and Striping Design
- Alignment Studies
- Roadway and Street Lighting Design
- Traffic Control Plan Design
- Pedestrian and Bicycle Design
- Safe Routes to School
- Traffic Calming
- Concept Plan Design
- Alignment Studies
- Roundabout Design
- Traffic Signal Operations
- Vehicle Path Analysis

As a valued member of the TJW Engineering team, your role will embark on a dynamic developmental journey, marked by expanding responsibilities that cater to the growth of your skills and expertise. Initially, you will work closely with project managers and senior engineers actively contributing to the design process on a range of traffic engineering concepts and designs. Your responsibilities will encompass proficient utilization of AutoCAD, performing site visits, and adherence to industry standards to ensure comprehensive and constructible projects.

As your experience deepens, you will progressively assume more independent design responsibilities. This will include making more complex design decisions, representing TJW Engineering in client meetings, engaging directly with agency personnel, and taking on the vital roles of mentorship and training for our junior team members. Ultimately, you will progress to overseeing small projects independently and pave the way for increased mid-level responsibilities within the company.

## Key Qualifications:

- Bachelor's degree in civil engineering.
- Engineering-in-Training certification or able to obtain within 12 months.
- 0-3 years of experience in civil engineering or traffic engineering.

- Strong background in civil engineering and/or traffic engineering principles.
- Working knowledge of AutoCAD.
- Ability to work effectively in a collaborative team environment.
- Eligibility to work in the United States.

#### Preferred Qualifications:

- Work experience in a civil or traffic engineering setting.
- Proficiency in AutoCAD.

Expected Salary: \$58,500 - \$76,000

The compensation range and benefits posted are given in good faith with consideration of an applicant's education, experience, expertise, skills, abilities, and/or geographic location.

#### Why Join TJW Engineering:

- Collaborative and inclusive work environment.
- Professional development and growth opportunities.
- Supportive in continuing education and obtaining professional registrations.
- Competitive compensation and benefits package:
- Medical, dental, and vision insurance
- Performance based bonuses
- Retirement plan with matching contributions
- Paid holidays
- Paid time-off
- Life Insurance

#### How to Apply:

If you're ready to contribute to innovative transportation solutions and shape the future of urban mobility, we invite you to apply. Please submit your resume and a cover letter detailing your relevant experience and your enthusiasm for joining TJW Engineering to:

[careers@tjwengineering.com](mailto:careers@tjwengineering.com)

TJW Engineering is an equal opportunity employer and welcomes candidates from all backgrounds. Qualified candidates will receive consideration for employment without regard to race, color, religion, sex, special orientation, gender identity, national origin, disability, veterans' status, or other characteristics protected by law.

Join us in shaping the future of transportation at TJW Engineering!