Our engineers say they enjoy:

- The professionalism of my coworkers. Everyone really cares about the work and are proud of the structures they’ve worked on.
- Working on high profile projects that affect a lot of people’s lives. What we do really matters.
- The Rotation Program gave me great experience to pass my PE, and made me a better engineer.
- Working outdoors and getting a real world feel for theoretical forces and construction materials.
- Having a wide variety of things to do. It’s hard to get bored.
- Having a lot of responsibility along with a great support network. I really feel like I’m part of a team.
- Having so many knowledgeable people around that are willing to share and help.
- Not having to sit in a cubical all day.
- SC has great management! I’m glad I work here.

Structure Construction provides quality engineering oversight for construction projects throughout California, ensuring that projects are built in compliance with plans and specifications.

We are always looking for independent, self-motivated Civil Engineers in search of a challenge. As a new engineer, you will work under the direction of a Structure Representative (Professional Engineer, PE) and receive qualifying experience for taking the PE Exam.

Structure Construction is unique in that they cover the entire state of California, offering prestigious project work in some of the most sought after locations in the state. The headquarters for Structure Construction is located in Sacramento.

What is Structure Construction?

For Job Opportunities
https://www.jobs.ca.gov/CalHRPublic/

To Apply for Employment

Visit CalHR and apply for a Transportation Engineer (Civil) position:

1. Search for Transportation Engineer (Civil) advertised positions.
   http://www.calhr.ca.gov/Pages/Job-Seekers.aspx and choose New to State Service.

2. Create a CalCareer Account.

3. Take exam for Transportation Engineer (Civil).
   This is a training and experience evaluation.
   https://www.jobs.ca.gov/JOBSGEN/0TR41.PDF

4. Apply by completing application packages (applications and any applicable or required documents) and submit electronically through your CalCareer account.
Structure Construction (SC) is one of the five engineering sub-divisions in Caltrans’ Division of Engineering Services. Our purpose is to provide efficient, cost-effective and timely construction engineering services to our internal Caltrans clients as well as counties and cities throughout California.

As a new member of our staff, you will receive training and supervision as you perform tasks that include, but are not limited to:

1. **Field engineering for the construction of Caltrans’ transportation structures and related facilities, such as:**
   - Innovative Bridges and Tunnels
   - Retaining Walls and Sound walls
   - Pumping Plants
   - Maintenance Stations and Roadside Rest Areas
   - CHP and Truck Inspection Facilities
   - Culverts and Sign Structures
   - Pedestrian Overcrossings

2. **Work in a wide variety of California locations from complex metropolitan projects to remote scenic locations.**

3. **Maintains technical control on structures projects. Ensuring contract compliance and delivering a safe high quality transportation system.**

4. **Respond to emergency situations to assess damage and direct repairs.**
   - Earthquake damage
   - High load impact damage
   - Flood & fire damage

5. **Maintain records, analyzing and approving construction materials.**
   - Concrete mix design checks
   - Falsework design approval
   - Trenching and shoring plan reviews

6. **Perform surveying, grade alignments, and quantity calculations.**
   - Bridge deck grade checks
   - Monthly pay estimate quantities

7. **Look for innovative methods of improving our way of doing business.**
   - Professional Development Rotation program
   - Large network of Caltrans resources

8. **Build high-performance teams to deliver a quality project, on time and on budget, through partnering and early conflict resolution.**