CEC
ENGINEERS & SURVEYORS

BUILD YOUR CAREER. DESIGN THE FUTURE. MAKE AN IMPACT.

CEC has an **immediate opening** for a **LICENSED STRUCTURAL ENGINEER** to work in the Bridge & Structure Department.

This job will provide an opportunity to work on conventional, unique, and complex projects for IDOT, county highway departments, local public agencies/municipalities, contractors and more, involving structure rehabilitations, overlays and joint replacements, bridge deck replacements, structure reconstruction, superstructure/substructure widening and replacements, Type, Size and Location Plans, Structure Geotechnical Reports, and Bridge Condition Reports.

Apply online!

WHY CEC?

WE'RE BUILDING MORE THAN INFRASTRUCTURE. WE'RE BUILDING CAREERS.

CEC is celebrating **28 years in business, and we continue to grow.** With today's strong emphasis on infrastructure investment, including highway and bridge projects, CEC is well positioned for continued growth. We are looking for talented professionals who are ready to **build their careers and grow with us.**

When you join CEC, you'll have the opportunity to work alongside an experienced team of engineers, surveyors, and technicians who have successfully completed a wide range of projects throughout Illinois. As a member of our team, you'll have the opportunity to:

- Work directly with clients, experienced engineers and industry professionals.
- Contribute to meaningful projects that improve communities.
- Expand your design, technical, and problem-solving skills.
- Receive mentorship and professional development support.
- Work in a collaborative and supportive team environment.
- Take on increasing responsibility as your skills and experience grow.
- Build a long-term career with opportunities for professional growth and advancement.

CEC offers a **stable and supportive work environment, flexible work schedules, competitive compensation, and a comprehensive benefits package.** We take great pride in both our work and our people, and we are committed to providing our employees with opportunities to develop professionally, take on greater responsibility, and build rewarding, long-term careers.

Located in **Springfield, Illinois**, in the heart of the state, CEC offers the opportunity to build your career in a community that is a great place to **work, live, and raise a family.** Springfield also provides convenient access to larger metropolitan areas, approximately 90 minutes from St. Louis and three hours from Chicago.

If you're looking for an opportunity to grow professionally while contributing to projects that make a difference, we'd like to hear from you. We look forward to talking with qualified candidates about building a future with CEC.

RESPONSIBILITIES

- Structural design calculations, plans, specifications, cost estimates, reports, and contracts.
- Structural analysis, bridge inspections, load ratings and inspection reports.
- Hydrologic and hydraulic analysis for bridges and box culverts.
- Work collaboratively with Project Engineers, and other team members to develop effective solutions. and coordinate with the CEC Team, as required.
- Provide Construction Engineering and observation to assure conformance with specifications; shop drawing review.
- Provide construction services for contractors such as Demolition Plans, Jacking and Cribbing, Temporary Soil Retention Systems, Cofferdams, etc.
- Participate in planning, cost development and management, assist in the preparation of engineering project proposals and scheduling for assigned projects.

WHO WE ARE LOOKING FOR

CEC is looking for a Structural Engineer who is ready to contribute and make an impact. The ideal candidate is motivated to develop professionally and passionate about improving communities through innovative infrastructure projects.

Required Qualifications

- BS Degree in Engineering.
- Structural Engineer License in Illinois.
- Professional Engineer License is desired but not required.
- Design and inspection experience on structural projects in Illinois according to IDOT standards is desired.
- Experience with governmental agencies within the State of Illinois is desired.
- Experience in the planning and design of transportation structures including bridges, culverts, retaining walls, etc. is desired but not required.
- Valid driver's license.

Skills & Attributes

- Excellent computer and communication skills.
- Project Management experience with DOT clients is desired.
- Ability to be self-directed with focus on quality, while working within a team.
- Experience with Microstation / OpenRoadDesigner / OpenBridgeModeler is desired.
- Experience with Midas Civil, RISA, and AASHTOWare is desired.

CEC CULTURE

At CEC, we believe our people are our greatest strength and the driving force behind our success.

- **People-first culture:** Enjoy an inclusive, welcoming, and supportive work environment with a relaxed dress code and a strong sense of team.
- **Work-life balance:** Flexible work schedules help our employees balance their professional and personal lives.
- **Collaboration:** Work closely with teammates and transportation clients, both in person and remotely.
- **Mentorship and growth:** Learn from experienced professionals through mentorship and opportunities to grow your skills and career.

OUR BENEFITS

- Flexible Work Schedules.
- Excellent Paid Vacation, Personal and Sick Time.
- 11 Paid Holidays per year.
- 401(k) Retirement Plan w/401(k) Matching Company Contribution.
- Performance Bonuses.
- Dental and Vision Insurance Available.
- Group Health Insurance Plan with Health Reimbursement Account (HRA).
- Life Insurance.
- Professional and Technical Development Support and Assistance.
- Overtime Compensation.
- Employer Paid Long Term Disability.
- Short Term Disability Insurance Available.

WORK LOCATION, HOURS & PAY

- Office: Springfield, IL
- Hours: Monday to Friday 8AM-5PM - Flexible work schedule options are available
- The anticipated base salary range for this position is $90,000 to $180,000 per year, with compensation based upon relevant experience, education, skill level, and other compensable factors.

The firm is an equal opportunity/affirmative action employer that is committed to diversity in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, natural origin, disability status, protected veteran status, or any other characteristic protected by law.