



STRUCTURAL ENGINEER

CEC has an **immediate opening** for a **Licensed Structural Engineer**.

CEC offers a **secure and supported** work environment, **flexible work schedules**, **competitive compensation**, and a **great benefit package**. We take great pride in our work and our team. **CEC is growing** and there are opportunities for advancement!

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 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.

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 and coordinate with the CEC Highway Team, as required.
- Construction Engineering and observation to assure conformance with specifications.
- Shop drawing review.
- Construction services for contractors such as Demolition Plans, Jacking and Cribbing, Temporary Soil Retention Systems, Cofferdams, etc.
- Coordinate and communicate, in-person and remotely, with clients, technicians, engineers, sub-consultants, and contractors.
- Participate in planning, cost development and management, and scheduling for assigned projects.

Qualifications

- BS Degree in Engineering.
- Professional Engineer License is desired but not required.
- Illinois Licensed Structural Engineer.
- Design and inspection experience on structural projects in Illinois according to IDOT standards is desired but not required.
- Experience with governmental agencies within the State of Illinois is desired but not required.
- 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

- Excellent computer and communication skills.
- Experience with Microstation / OpenRoadsDesigner / OpenBridgeModeler is desired but not required.
- Experience with Midas Civil, RISA, and AASHTOWare is desired but not required.

CEC Culture

- CEC fosters a culture of inclusivity/family with a relaxed dress code, flexible work schedules, and a fantastic work environment that balances work-family life.
- Team members frequently collaborate with each other and transportation clients, both in person and remotely.
- Mentorship opportunities.

Benefits

- Flexible schedule
- Excellent Paid Vacation, Personal Time, Sick Time
- 10 Paid Holidays
- 401(k) matching
- Retirement planning
- Group Health insurance along with Employer Paid Health Reimbursement Account (HRA)
- Life insurance
- Professional Development assistance provided
- Employer Paid Long Term Disability
- Dental, Vision and Short-Term Disability available
- Potential for overtime compensation and bonus opportunities

Work Location & Schedule & pay

- Monday to Friday
- Springfield, IL (possibility for hybrid remote schedule in the future)
- \$90,000 - \$160,000