



Job Title: Structural Project Engineer

Location: Civil Design Inc. (Louisville KY, Effingham IL or St. Louis, MO)

Civil Design Inc.: A certified Woman Business Enterprise, Civil Design, Inc. is a civil engineering firm of 70+ team members committed to building stronger communities in the markets we serve. Areas of focus include site development, surveying, transportation, water resources, structures and infrastructure and analytics. Civil Design Inc. is over its 23 year of business and has offices in St. Louis, MO, Effingham, IL and Louisville, KY.

Culture: CDI has a strong family-oriented culture with the drive to build stronger co-worker, client and local communities. Guided by the values of continuous learning and growth, mutual trust and respect, ownership and responsiveness – CDI offers a spirited team atmosphere driving quality engineering and strong client relationships.

ESSENTIAL FUNCTIONS AND PERFORMANCE AREAS

- In this role, the Structural Engineer will be an integral part of our Structures Group designing various structure types, as well as support our transportation and site development Groups with their design needs.
- Strong knowledge of building materials (Steel, Concrete, Masonry, Wood), construction methods, structural inspections, construction document preparation.
- Analyze and design transportation related & building structures including bridges, culverts, retaining walls, foundations, new buildings & building retrofits.
- Eagerness to work on a wide variety of project types.
- Work collaboratively with the CDI Group Leaders, Project Engineers and other team members to develop effective solutions.
- Ensures compliance with CDI's safety procedures.

CORE COMPETENCIES

- Continuous Learning and Growth - *We believe individual potential should never be underestimated and we have the courage to challenge each other in productive ways.*
- Mutual Trust and Respect - *We aspire to create an environment that provides professional freedom focused on trust and respect.*
- Ownership - *We believe that commitment, driven by personal initiative, is the best way to serve our company, clients and community.*
- Responsiveness - *We believe that exceptional service means quickly responding to the needs of others.*

EDUCATION, TRAINING AND EXPERIENCE REQUIREMENTS

- Bachelor's degree in Civil or Structural Engineering.
- Missouri, Illinois or Kentucky EI, or ability to obtain is highly preferred.
- Bridge and/or Building Structural design experience a plus.
- Experience with AutoCAD and MicroStation
- 0-4 years' experience
- Department of Transportation structures experience (bridges and walls) (MoDOT, IDOT or KYTC) preferred.
- Proficient with structural analysis and design software (Revit experience is a plus).
- Ability to work effectively in a team environment and possess strong interpersonal and communication skills

If interested in the position – please apply at www.civildesigninc.com Contacts -> Careers