

ENTRY LEVEL CIVIL ENGINEER – ROGERS, AR**WHY EDG?**

Ecological Design Group, Inc. (EDG) is a small firm with big goals for transforming the civil engineering and site development industry. EDG strives to put the environment at the forefront of everything we do by implementing unconventional design strategies alongside typical sustainable design practices. EDG was founded by landscape architects who realized the potential of incorporating civil engineering as a foundational element that can elevate the design of site development and infrastructure projects. EDG is seeking an entry level civil engineer who is passionate and motivated to make a difference in the engineering community by thinking outside the box regarding low impact site development, sustainable design, and the integration of civil engineering components into an aesthetically pleasing final product.

HOW DOES EDG COLLABORATION WORK?

EDG's team consists of Registered Landscape Architects, Licensed Civil Engineers, Landscape Designers, Environmental Engineers, and Construction Administrators. The disciplines of civil engineering and landscape architecture are compliments of one another. EDG succeeds because our teams work collaboratively and efficiently by starting with design and working through the whole development process with design-forward thinking. That philosophy carries through to how we manage our construction projects and deliver engineering design documentation. EDG is changing how civil engineering is thought of in the AE industry by proving through our completed projects that a design-forward engineering focus coupled with close collaboration with landscape architecture provides exceptional results that benefits communities for decades to come.

WHAT CAN YOU BRING TO THE TEAM?

EDG is seeking an Entry Level Civil Engineer to join our office in Rogers, Arkansas. The entry level engineer will perform civil engineering design and permitting tasks for the site development projects with an emphasis on sustainable design, low-impact development and green infrastructure design. The position will also include more traditional civil responsibilities such as the design of water and sewer utilities, roadway/access improvements and stormwater management facilities. The entry level engineer will be supported by the civil engineering team and will be responsible for project civil engineering design, CAD drafting tasks, submittal reviews and facilitating various permitting processes for multiple projects. The entry-level engineer's tasks will be focused on civil engineering and will collaborate with the Project Managers and landscape designers/architects. Plan production will be required, but the entry level engineer's design emphasis will be related to stormwater management and water/sewer utility infrastructure design.

ADDITIONAL EXPECTATIONS


- Be responsible for various engineering tasks related to the design and development of contract bid documents for site development projects. Typical projects include commercial building projects, municipal building/park projects, trail development, large site improvement plans, urban infill, and multifamily residential.
- Work closely with EDG's landscape architects and designers to create an integrated collaborative design that supports the firm's vision on a project-by-project basis.
- Assist in the preparation of reports, specifications, plans, construction schedules, and permits for projects including SWPPP preparation submittal, ADEQ submittals and documentation: NOI, NOC, STAA; ADH submittals; CORP permitting and submittals; 404 Permitting, Wetland Delineation Reports.
- Prepare Opinion of Probable Costs and related documents, including quantities and data cost analysis.
- Stormwater management design and analysis including the thoughtful design of unique detention ponds and outlet structures, conveyance systems and stormwater quality BMPs.
- Hydrologic and hydraulic modeling: Preparation of drainage reports related to site improvement projects. Documentation includes hydrologic and hydraulic analyses, modeling, and coordination with manufacturers of specified products.
- Design and document preparation of utility main extensions, including plan and profile construction documents.
- Ability to understand, review, and interpret surveying documents.
- Research, review, complete city/county requirements, applications, checklists and technical specifications for applicability to individual projects.
- General knowledge of GIS systems, layers, data downloads, etc.

REQUIRED KNOWLEDGE, EDUCATION AND EXPERIENCE

- Bachelor's degree in Civil Engineering or related field
- Minimum 0-3 years of direct civil engineering or design experience
- Must have an Engineer Intern (EI) certificate.
- Strong communications skills
- Experience in hydrologic and hydraulic modeling and design of stormwater management systems is desired.
- Must possess general knowledge in AutoCAD Civil 3D.

DEMONSTRATED KNOWLEDGE IN THE FOLLOWING ENGINEERING DESIGN AND OFFICE SOFTWARE

- AutoCAD Civil 3D
- Microsoft Office Suite (Word, Excel & Outlook)
- HydroCAD, PondPack, Storm Sewers, Hydraflow, etc.
- Adobe Pro or Bluebeam



Send resumes to Brahm Driver, PE at bdriver@ecologicaldg.com and contact him at (501) 944-3090 for questions or additional information.

Visit www.ecologicaldg.com for more information.

*Ecological Design Group, Inc. is an Equal Opportunity Employer (EOE).
Minorities, females, disabled and veterans are encouraged to apply.*