Transportation Engineer

Engineering Design Source, Inc. (EDSI) is seeking a detail-oriented and motivated **Transportation Engineer** to support the planning, analysis, and design of transportation projects. This position will focus primarily on roadway design projects for the Missouri Department of Transportation (MoDOT) and Local Public Agencies (LPAs).

The successful candidate will have 3-7 years of experience and a strong interest in technically detailed design work. This role requires regular interaction with clients, consultants, contractors, utilities, and public agencies, as well as the ability to resolve design challenges that may involve field investigations. Strong communication and technical writing skills are essential, along with the ability to work collaboratively as part of a multidisciplinary design team.

KEY RESPONSIBILITIES:

Responsibilities may include, but are not limited to, the following transportation planning and design tasks:

- Roadway design and rehabilitation
- ADA-compliant facility design
- Bicycle and pedestrian trail design
- Traffic signal design
- Geometric layout development
- Drainage and hydraulics design
- Quantity calculations and cost estimating
- Coordination with utilities and public agencies
- Supporting design issue resolution during project development and construction

POSITION DETAILS:

Location: Chesterfield, MO; Chicago, IL; Remote work arrangements may be considered.

Department: Roadway

Schedule: Full-time; hybrid work-from-home schedule (minimum of 3 days in-office)

Compensation: Salary is commensurate with experience. Comprehensive benefits package including medical, dental, vision, and a 401k retirement plan.

POSITION REQUIREMENTS:

Licensing:

Missouri Professional Engineer (PE) license preferred; EI (required)

Experience:

- **Minimum of 8 years of relevant experience**
- Mid-level with equivalent experience are encouraged to apply
- Experience completing State DOT projects, particularly MoDOT and/or IDOT is preferred

Education: B.S. Civil Engineering (BSCE) from an accredited institution (minimum)

Software Proficiency (Minimum):

MicroStation, GeoPAK and/or AutoCAD Civil 3D, Microsoft Word, Microsoft Excel

COMPANY OVERVIEW:

Engineering Design Source, Inc. (EDSI) celebrates 31 years of business in 2026 and is home to a vibrant civil engineering and surveying team. We are proud to host talented professionals who enjoy both their work and their workplace.

Founded in 1995, EDSI was built on a simple but powerful philosophy:

The best work comes from talented people who are motivated to do their best because they love what they do.