

## Senior Transportation Engineer

### Primary Responsibilities

In the role of Senior Transportation Engineer, we will count on you to:

Work as a Lead member of a design team in preparation of the following elements of roadway and highway design using local (state, county, or city) or AASHTO/FHWA standards: horizontal and vertical alignment, cross sections and earthwork, intersection layout and grading, interchange layout, roadway drainage, and existing and/or proposed right-of-way determination.

- Work with a team as a design task leader in the preparation of schematic design and plans, specifications and estimate for projects of many sizes and complexity
- Produce some of the following plans: Roadway plan-&-profile and cross-sections; Temporary Erosion Control Plans; Drainage Plans and Profiles, Utility Coordination and Conflict Identification and Resolution, Paving, Pavement Marking Plans, Signing Plans, and Traffic Control Plans
- Manage the following work elements: day-to-day communication (verbal and written) with the team, support and advise junior engineers and technical staff, write reports and technical memos, coordinate with subconsultants, keep project on schedule and within budget, and keep client satisfied
- QC/QA of design of projects as lead engineer
- Participate in Business Development
- Prepare proposals and Statement of Qualifications
- Manage projects on an as-needed basis
- Perform other duties as needed

### Required Qualifications

- Bachelor's degree in Civil Engineering
- Texas PE required or ability to transfer PE from another State
- 8+ years of roadway design experience
- Demonstrated hands-on experience using MicroStation, Bentley's Open Roads and GEOPAK, Microsoft Office Suite, , or other CAD design software as appropriate
- TxDOT pre-certification a plus
- Experience in AutoCAD and Civil 3D is a plus.
- Experience in Primavera P6 a plus
- Excellent oral and written communication skills
- Excellent organizational skills
- Experience should include urban and rural highway interchanges, intersection design, traffic management, transportation planning, site planning, preparation of concept alignments, geometrical layout, preparation of Cost Estimates

## **COMPUTER AND MATHEMATICAL SKILLS**

- Candidate must demonstrate in depth knowledge of MicroStation, Geopak, Open Roads and 3D modeling (Hands-On).
- Demonstrates in depth knowledge of design applications such as hydraulic design and roadway design.
- Must be proficient in the usage of Microsoft Office Suite products (Word, Excel, PowerPoint, etc.), Primavera P6 or similar Project Management software

## **Company:**

I. S. Engineers, LLC (ISE) celebrates a 13-year history partnering with local, state, and Federal agencies for project success on engineering projects that include transportation, water resource (drainage, hydrology and hydraulics), highway structures (bridges, retaining walls) as well as traffic engineering (Signals, Signing and Pavement Marking, Traffic studies, TIA's, microsimulation and illumination).

As a small firm with two offices in Houston and Dallas, our company has developed a strong reputation as a premier consultant on road, bridge, hike and bike trail, drainage improvement,

storm water quality program and mega projects. Our consulting business model revolves around civil engineering for public infrastructure projects including highways, roads, bridges, storm water drainage systems, flood control facilities, traffic engineering and operations.

We have performed schematic and PS&E design on interstate highways, multi-level interchanges, intersections, streets, and other transportation related projects.

Our professionals strive to go beyond meeting guidelines; we provide innovative ideas to keep projects on schedule while providing an exceptional product.

## **BENEFITS:**

ISE offers excellent benefits and compensation package including the following:

Base Salary

Generous Annual Performance Bonus (10% of base salary and higher)

Profit Sharing, 10% of (base salary + bonus)

401K match (\$/\$) up to 4% of salary

Personal leave

Paid Holidays (8)

Paid membership in a professional organization

Paid annual PE renewal

Hybrid work

Salary: Depends on background, experience, and education

Range: \$95,000- \$115,000