

Job Title: Senior Engineer - Transportation
Job Location: Allen, TX
Requirements:
Education/Training: BSCE
Experience: 10+ years' roadway design experience
Registration: Texas PE required

JOB DESCRIPTION:

Established Civil Engineering and Surveying firm is seeking a Senior Engineer with experience in roadway design and Schematic / PS&E preparation for transportation infrastructure projects.

Responsibilities include:

- Design of roadways in accordance with applicable design codes (AASHTO, TxDOT, etc.) and federal and state laws, policies, procedures, standards, and guidelines.
- Preparation of schematics and plans, specifications, and estimates (PS&E) packages.
- Quantity calculations and report writing.
- Mentoring and oversight of less experienced designers.
- Meeting scheduled milestones in close coordination with project manager and other project staff.
- Maintaining professional and technical knowledge by attending education workshops; reviewing professional publications; establishing personal networks; and, participating in professional societies.
- Implementation of QA/QC process and review of work products.
- Other duties as assigned.

JOB QUALIFICATIONS:

- Design experience, including:
 - Horizontal and vertical alignments for roadways
 - Intersections
 - Cross sections and earthwork
 - Retaining wall layouts
 - Traffic control phasing
 - Culverts and storm sewer
 - Erosion control and SWPPP
 - Signing and pavement markings
- Experience with utility identification, coordination, and relocation design.
- Experience with hydraulic modeling (HEC-HMS and HEC-RAS) for highway projects would be considered a plus.
- Familiarity with TxDOT and NTTA practice is required. Experience with Oklahoma DOT is a plus.
- Proficient in Microstation, GeoPak, and ProjectWise softwares; OpenRoads experience is a plus.
- Proficient with Microsoft Office programs (Word, Excel, Outlook, Teams, etc.).
- Detail oriented and capable of performing routine design tasks as well as independent problem-solving including research of design options and documentation of findings.
- Strong sense of time management and ability to prioritize tasks.
- Ability to manage tasks on concurrent assignments in a fast-paced environment.
- Ability to work on a team and communicate professionally and in a timely manner.
- Experience with supervising teams and mentoring staff.
- Strong oral and written communication skills.
- TxDOT pre-certifications preferred:
 - Route Studies and Schematic Design
 - Roadway Design
 - 3-D Design Visualization Services
 - Signing, Pavement Marking, and Channelization
 - Roadway Hydraulic Design

WHE offers a benefit & compensation package competitive with large firms. We are looking for dedicated and motivated employees to perform quality designs and work alongside our staff to help us grow the business in Texas and Oklahoma to meet our strategic plans. There are opportunities for advancement as the company grows.

Work is performed primarily in an office setting but may require some field work.

It is the policy of White Hawk Engineering & Design, LLC (WHE) to provide equal employment opportunities without regard to race, color, religion, sex, national origin, age, disability, marital status, veteran status, sexual orientation, genetic information or any other protected characteristic under applicable law. We support the EEOC's Vision of respectful and inclusive workplaces with equal employment opportunity for all.