

JOB DESCRIPTION

Sr. Engineer

Job Title: Senior Civil Engineer, Senior Traffic Engineer, Sr. Transportation Engineer

Job Type: Fulltime

Department: Engineering (Civil/Traffic/Transportation)

Reporting Structure: Reports to Engineering Manager

Job Location: Houston, Texas

Travel or Environment Requirements: Visually observing and differentiating details and colors of objects; recognizing sound, tone and pitch; speaking and writing clearly and effectively; adjusting to interruption and changes; working in hot, cold, and noisy work areas; standing, walking and sitting for extended periods; climbing stairs and ladders; dealing with people in tense situations, and lifting up to forty (40) pounds. Must have State Driver's License and carry Texas State mandated auto insurance. Must have dependable transportation to attend meetings or to make field visits on a short notice. Must be willing and available to conduct or attend some evening meetings.

Essential Duties

- Independently applies extensive and diversified knowledge of principles and practices in broad areas of assignments and related fields.
- Uses advanced techniques in the modification or extension of theories and practices of sciences and disciplines to complete assignments.
- Works on a major project or several projects of moderate scope with complex features.
- Represents the organization at conferences pertaining to broad aspects of engineering assignments

Technical Responsibilities:

- Reviews complete project documents for conformity and quality assurance.
- Develops new techniques and/or improved processes, materials, or products.
- Assists upper level management and staff as a technical specialist or advisor in addition to Engineer responsibilities.

Managerial Responsibilities: Directs all project staff necessary to complete assignments. Performs Quality Control on other projects. Assists with proposals to provide professional services.

Direction Received: Receives supervision and guidance relating to overall objectives, critical issues, new concepts, and policy matters. Receives direction on unusual conditions and developments.

Communication Skills: Effective oral and written communication skills required in order to represent the organization in communications.

Qualifications and Education Requirements:

Experience: 7+ years (Advanced degree may be substituted for the experience)

Education: Bachelor's Degree in Engineering from an ABET accredited program. Advanced Degree desirable. Engaged in life-long learning to maintain knowledge of contemporary issues.

Licensure and Certification: Professional Engineer, CFM, LEED, PTOE

