



McDONOUGH ENGINEERING CORPORATION  
Civil Engineers

JOB DESCRIPTION

Job Title: Senior Design Civil Engineer  
Location: Galleria Area, Houston  
Salary: Highly Competitive  
Typical Assignment: Highway design for state, county and local transportation agencies.

MINIMUM QUALIFICATIONS

- Degree Required: B.S. Civil Engineering
- **Licensed Texas Professional Engineer**
- TxDOT Pre-certified (a plus)
- Experience Desired: 8 years minimum in transportation design

JOB REQUIREMENTS

- TxDOT highway design experience with knowledge of the TxDOT Roadway Design Manual criteria and well as Harris County design standards
- Prepare construction plans, design calculations, specifications, bid documents and cost estimates
- Capabilities must include using GEOPAK to prepare horizontal and vertical alignments, design cross sections, prepare roadway plan and profiles sheets, typical sections, traffic control plans, storm sewer plan and profiles, and performing quantity take-offs.
- Knowledge of local and state design standards and procedures
- Strong professional work ethic; positive attitude and strong leadership skills; capable of working independently or managing a design team
- Excellent communication skills with project team, government agencies and clients
- Ability to efficiently utilize time in completing tasks accurately, on schedule and within budget
- Preferred experience with GEOPAK and MicroStation software and proficient with MS office software

McDonough Engineering has established a reputation for providing quality professional design services that are responsive to our clients for over 37 years. As we expand our area of service we intend on continuing to hire exceptional civil engineering design professionals. McDonough Engineering is an equal opportunity employer and provides all employees with a competitive compensation and benefits package.