

Senior Bridge Engineer/Project Manager– ES3

Our clients Charleston, South Carolina office has an opportunity for a Senior Bridge Engineer to join our Southeast Bridge Practice. Projects would include, new structures design, as well as, evaluation and rehabilitation or repair of existing structures. Candidates will be responsible for the overall project management, the design of projects, monitoring and adhering to budgets and schedules, performing QC or QA reviews, mentoring junior engineers, and working with other staff in completing projects. Applicants must possess strong technical skills, excellent verbal and written communication skills, the ability to travel for projects site visits, and to work well in a team environment on multi-disciplinary projects. The candidate will also assist in the development of the project understanding and technical approach associated with the preparation of bridge proposals.

Basic Qualifications:

- Bachelor's degree in civil or structural engineering required from an ABET accredited university.
- 10 – 15 years of experience in the civil/structural design, rehabilitation, and evaluation of bridges along with the preparation of load ratings, construction documents, specifications and estimates.
- A South Carolina Professional Engineer license or ability to obtain within six months.
- Strong experience with structural/bridge design process through application of AASHTO LRFD Bridge Design Specifications requirements.
- Demonstrated track record of providing Project Management and Senior Structural engineering design services for the successful completion of bridge projects.
- Working knowledge of MS Office Suite (Word, Excel, etc.) and experience with engineering design packages such as LARSA, MDX, LEAP, and AASHTOWare.

Preferred Qualifications:

- Master's degree (MCE / MSCE) in Structural Engineering.
- Strong experience with structural/bridge design process through application of SCDOT Bridge Design Manual requirements.
- Established working relationship and credibility with SCDOT bridge design staff.
- Strong background in the design of bridges for SCDOT and other local transportation agencies.
- SCDOT Seismic Design and Specifications is a plus.
- Class I railroad bridge design experience and knowledge of the AREMA Manual for Railway Engineering is a plus.
- Design-Build experience is a plus.

Note: Salary negotiated based on years of service, expertise/capabilities, and specific project experience.

Travel Requirements: Up to 10%

To apply please email resume to:

Aaron Ruble

Sr. Recruiter at System One

aaron.ruble@systemone.com