**Job description**

**Senior Bridge Project Engineer**

Requisition# 137

The Markosky Engineering Group has an immediate need for a Senior Bridge Project Engineer in our Structures and Bridge Inspection Department.

The Markosky Engineering Group, Inc. provides engineering and environmental services to public and private clients in the Mid-Atlantic region. We are a diverse team of professionals, expert in our disciplines. We have a comprehensive understanding of current environmental and engineering standards, and a commitment to sustainable design initiatives.

In our 21 years in business, we have built long-lasting and successful relationships with clients from offices in Ohio, Pennsylvania, and West Virginia. The successful candidate will be based in one of our offices (Ligonier, PA, York, PA, Charleston, WV, or Steubenville, OH). **Markosky is currently working in a hybrid work environment. Occasional travel to each office will be required.**

All duties of Senior Bridge Project Engineer including, but not limited to, plan, direct, and coordinate activities of projects to ensure that goals or objectives of projects are accomplished within prescribed time frame and funding parameters. Assist in preparing bid packages including plans, specifications and estimates. This position will also include Project Management and Business Development duties as assigned.

In addition, Senior Bridge Project Engineers are expected to serve as mentors to Project Engineers and technical staff, providing technical and administrative guidance. Senior Engineers may also be called upon to assist the Department Manager with overall staff management, recruiting, preparation of proposals, attendance to professional meetings and conferences, and direct client marketing.

This position may also encompass bridge inspection duties including, but not limited to, field inspection, report development, load rating, and QA/QC of reports. Markosky is an industry leader in our bridge and tunnel inspection practice including the inspection of large and complex structures. Bridge Inspector certification through NHI training and experience with bridge inspection is highly desirable for this position.

The successful candidate may also be called upon to assist Markosky’s Civil Engineering Services Division and Department Managers in preparing proposals, attending professional meetings and conferences, and direct client marketing.

**Essential Functions**

* Serve as the Lead Bridge Engineer on design projects
* Manage and oversee multiple Project Engineers and design activities
* Implement and oversee QA/QC procedures
* Apply diversified knowledge of engineering principles and practices to broad variety of assignments and related fields
* Work with Project Manager to lead and coordinate design tasks
* Perform design activities
* Review developed plans for compliance with project requirements
* Provide direction to less experienced engineers and designers
* Manage plan development / presentation by CADD technicians
* Schedule, lead off-site meetings
* Coordinate with consultants and / or clients
* Prepare cost estimates
* Prepare job and material specifications
* Resolve problems / questions during contract bidding process and construction
* Assume some task and project management duties
* Take responsible charge of design activities
* Other projects / responsibilities may be added at the company's discretion

**Job Requirements and Qualifications:**

* Education: Bachelor’s of Science Degree in Civil / Structural / Traffic Engineering or approved equivalent required
* Training Requirements (licenses/programs/certificates): Professional Engineer (PE) required
* Certified Bridge Safety Inspector (CBSI) preferred

**Knowledge Requirements:**

* Structural design and software
* Working knowledge of CADD
* Knowledge of engineering principles, design standards and codes
* Experience with PennDOT and/or PA Turnpike Commission design standards
* Familiarity with West Virginia and Ohio DOT’s is a plus
* Plans, reports, and specifications preparation, to client standards
* Construction phase design and management

**Skills:**

* Good oral and written communications required
* Ability to work in a team-oriented environment

**Experience:** 10-15 years

**EOE**

Job Type: Full-time

Pay: $95,000.00 - $115,000.00 per year

COVID-19 considerations:  
Markosky is taking all necessary precautions against COVID-19 and we are allowing employees to work on a Hybrid/Remote basis.