**Structural Project Engineer, P.E.**

**Prominent Engineering Firm in Morgantown, WV**, specializing in Building Systems Design. Established in 2002, 90% of projects are in WV, PA and VA. Minimum overnight travel. Great opportunity to return to WV.

Salary: $75K to $90K/year plus excellent benefits including 401(K), Health Insurance, Dental, Vision, and Life Insurance.

**QUALIFICATIONS**

EDUCATION/EXPERIENCE REQUIREMENTS:

* BS Degree in Civil Engineering from an ABET accredited institution with structural emphasis and registration as a Professional Civil Engineer.
* Minimum of 6 to 8 years as an Engineer of Record role in the design and preparation of structural plans for commercial facilities, institutional, industrial and structures.

**JOB PREREQUISITES**

* Structural Design Engineer must have an in-depth working knowledge of advanced computer software used in the design of concrete foundations, both soil and pile supported; reinforced concrete, wood, and structural steel. Must have a thorough knowledge of structural engineering practices, calculation methods, and design details.
* Extensive experience using US Design Codes (IBC, ASCE, AISC, ACI) is required and production of the associated construction drawings.
* Experience with projects to identify design requirements and prepare necessary design calculations using hand calculations and RAM software and REVIT.
* Authorized to work in the United States.

**TYPICAL DUTIES**

* Utilize appropriate design software in performing quality assurance reviews of design activities.
* Plan, schedule, and provide work directions as required for the preparation of designs, processes, reports, correspondence, and related data.
* Participate in proactive team efforts to achieve departmental and company goals.
* Identify design requirements for structural elements including but not limited to reinforced concrete, steel, masonry, and wood structures.
* Perform engineering assessments of structural deficiencies, failure analysis, provide remedial solutions, prepare technical reports and verify “As-Built” record drawings for accuracy.
* Assist in any duties required to deliver a quality product on schedule and within budget.
* The successful candidate will have the opportunity to be on an ultimate partnership track as a Principal.

Apply to [Careers@AlleghenyDesign.com](mailto:Careers@AlleghenyDesign.com)