Gibson-Thomas Engineering Co., Inc. is a full-service civil engineering firm based in Pennsylvania that provides engineering design and construction inspection services to clients on projects of varying sizes and complexity. We are a growing firm with Pennsylvania offices in Latrobe, Camp Hill, Indiana, Wexford, Fayette, Lawrence, and Washington.

The Role

We have an opportunity for a **Structural Engineer** to work primarily out of our Camp Hill Office. Ideal candidates for this position will have a minimum of 7+ years of experience in Structural Engineering and PennDOT-related Bridge Design. NBIS experience and a CBSI certificate are a plus.

Responsibilities:

- Serve as the Project Engineer on major, local, and regional transportation structural projects.
- Assist in field reconnaissance and bridge inspections.
- Prepare plans, estimates, specifications, conduct studies, develop reports, and support all aspects of the engineering project.
- Perform/prepare and/or check complex structural analysis and design calculations, geometric/bridge layouts, construction specifications, and material quantity calculations.
- Work directly with Project Manager.
- Participate in professional industry organizations.
- Follow QA/QC practices.
- Perform structural tasks as part of project development, including plan and report production.

Qualifications:

- Bachelor of Science in Civil Engineering from an ABET accredited University.
- Professional Engineers (PE) License
- 7+ years of progressive structural engineering.
- Strong written and verbal skills.
- Preferred Certified Bridge Safety Inspector (CBSI) Certification, or ability to obtain.
- Experience working on projects for PennDOT, PTC or related agencies is required.
- Strong Work Ethic
- Proficient knowledge of AASHTO bridge design specifications, PennDOT bridge design software, and structural analysis programs such as STAAD required.
- Ability to perform site visits / inspections.
- Experience with preferred engineering client design software programs such as: MicroStation, AutoCAD, Microsoft Office Suite, Bluebeam, etc. Proficient in using MicroStation and Industry Supported 3D Modeling Software.
- Valid driver's license with demonstrated safe driving practices.

Benefits

- Flexible work environment
- Paid flexible vacation time and holidays
- Health and Disability Insurance Benefits
- 401(k) plan with company funded match

Gibson-Thomas is proud to be an equal employment workplace. Individuals seeking employment are considered without regard to age, ancestry, color, gender (including pregnancy, childbirth, or related medical conditions), gender identity or expression, genetic information, marital status, medical condition, mental or physical disability, national origin, protected family care or medical leave status, race, religion (including beliefs and practices or the absence thereof), sexual orientation, military or veteran status, or any other characteristic protected by federal, state, or local laws Please use the contact information listed below to submit your resume via email; any questions or need for additional information can also be directed to Tim Bolden via email or phone.

Gibson-Thomas ENGINEERING

Contact Information

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