



TRAFFIC PLANNING AND DESIGN, INC.

WWW.TRAFFICPD.COM

Structural Designer - Harrisburg, PA/ Doylestown, PA/Pottstown, PA

Job Description:

TPD is seeking enthusiastic structural designers with 2-4 years of experience to join our team. Our ideal candidate has a strong work ethic, a desire to learn, the willingness to work cohesively within a team and the ability to work on multiple concurrent projects.

TPD offers a competitive salary and excellent benefits including an unmatched flex time policy, Paid Time Off and a Professional Development program developed to help our staff continue their education and training throughout their careers.

Duties and Responsibilities include, but are not limited to:

- Preparation of design computations, quantity estimates, and construction cost estimates.
- Specific tasks may include superstructure design, substructure design, foundation design, geometric layout, CADD drafting, drawing preparation/checking, NBIS bridge inspection, structural analysis, design of other transportation related structures (retaining walls, sound walls, sign structures), performing QC checking, etc.
- Assisting in the analysis of field data, reports, maps, drawings, tests, and aerial photographs to plan and design projects.
- Obtaining, analyzing, and interpreting data.
- Assisting in the preparation or modification of reports, specifications, plans, construction schedules, and designs for projects.
- Use of computer assisted engineering and design software and equipment to prepare engineering and design documents.
- Assisting with business development activities by performing project research and performing field reconnaissance.
- Responsible for other general office duties as may be assigned.

TPD has excellent opportunity for career growth and upward mobility. As TPDers advance in their career, opportunities for moving into a Project Management role or even a Business Development role may become evident. Technical learning is encouraged both externally and also within TPD's own University. Also, opportunities can increase in responsibilities and leadership as a person moves through his or her career.

Experience and Skills

Bachelor's Degree in Civil Engineering (required)

EIT preferred

PennDOT/PA Turnpike or similar DOT design experience Engineer in Training Certification

Experience using CADD Software (Microstation or AutoCAD)

Excellent oral and written communication skills

Strong work ethic and ability to work on multiple projects and ability to meet multiple deadlines

Knowledge of Microsoft Office Suite

Valid Driver's License

Please apply online: <http://trafficpd.com/employment/Index.html>

*TPD is an Affirmative Action Employer and is committed to Equal Employment Opportunity. It is our policy to not discriminate against employees or employment applicants for any reason including, but not limited to: veteran status, uniformed service member status, race, color, religion, sex, national origin, age, sexual orientation, physical or mental disability, genetic information or any other protected class under federal, state, or local law.