



ms consultants, inc. **engineers, architects, planners**

Graduate Engineer – Traffic

ms consultants, inc.
Pittsburgh, PA

We are looking for a Traffic Engineer to complement our Transportation team. The Graduate Engineer will work directly with both staff and senior engineers, including technicians and administrative staff and work on tasks including design calculations, drafting and plan design, traffic analysis, report preparation, quantification of bid items, cost estimates, and field work. Located in our office in Pittsburgh, PA, you will work with many different ms team members within the Transportation Business Unit.

About the Transportation Business Unit

The Transportation Business Unit provides transportation engineering services for all project types and scopes, from the largest interstate systems to local township roads. Some of the services provided include roadway and intersection design, corridor improvements, bridge replacement and rehabilitation, and environmental documentation. Our traffic, highway, structural, and environmental planning engineers work collaboratively to deliver innovative, cost-effective, and long-term transportation solutions.

What You'll Do:

The primary focus of the role will be as follows:

- Performing traffic analysis and preparation of traffic studies and reports
- Crash data evaluation and preparation of Safety Studies
- Traffic Signal Design and Plan preparation
- Signing and Pavement Marking Plan preparation
- Maintenance and Protection of Traffic Plan preparation
- Intelligent Transportation System (ITS) Plan preparation
- Preparation of bid documents, including technical specifications and cost estimates
- Leading designated task assignments and reporting progress to senior staff

What You'll Bring:

Bachelor of Science in Civil Engineering from an ABET accredited college or University is required, or equivalent experience. Our ideal candidate will have the following:

- EIT certification preferred/PE a plus
- Familiarity with MUTCD, PennDOT, and PTC policies and procedures
- Microsoft Office (Word, Excel, Outlook) required
- MicroStation or AutoCAD is experience required
- HCS software experience required, Knowledge of Synchro preferred
- Ability to follow direction and work in a team environment
- Good verbal and written communication skills
- Reliable transportation to access job sites and a valid driver's license in good standing

Why Choose ms consultants?

We are proud to be an award-winning engineering, architecture, planning and environmental consulting firm, annually ranking within ENR's Top 500 Design Firms. Known since 1963 for providing quality design solutions, we offer comprehensive and innovative planning, management, design, and analysis for public and private clients. With 9 offices located in Ohio, Pennsylvania, Indiana, North Carolina, and West Virginia, our technical personnel meet clients' national and local needs by providing expertise in various engineering, architecture, and planning specialties.

We partner with a variety of public and private clients and take pride in the many relationships we have formed by providing quality design solutions since 1963. We are dedicated to helping these clients achieve their goals through integrated, innovative solutions, and outstanding customer service.

Our Vision:

Talented people... exceptional service... successful solutions

Our Mission:

By investing in our people, clients, and communities, we will nurture our philosophy of teamwork, respect, a caring attitude, and excitement, creating opportunities for success.

ms consultants offers salary commensurate with experience, a comprehensive benefits package which includes medical, dental, vision, and prescription insurance coverage, long-term disability, life insurance, 401K plan, in addition to performance bonuses, paid time off, and paid holidays.