

WHO WE ARE

Michael Baker International is a global leader in Engineering, Architecture and Consulting professionals dedicated to developing and implementing innovative solutions to the world's infrastructure and environmental challenges. Supported by more than 6,000 employees in 90 offices worldwide, we provide a full continuum of life-cycle engineering consulting, specialized global construction, base operations, Green Infrastructure, security management and intelligence solutions.

TRANSPORTATION PRACTICE

Consistently ranked by Engineering News-Record as a Top 20 transportation firm, Michael Baker International offers clients an integrated team of professionals versed in all aspects of transportation planning, design, permitting, and construction management and inspection. In addition, Michael Baker International is a recognized leader in the practical aspects of operating and maintaining a safe and efficient transportation infrastructure.

DESCRIPTION

The Traffic/Civil Associate II is responsible for performing engineering design efforts and analysis on projects such as traffic signals and intelligent transportation systems. You will leverage your engineering knowledge and skills to prepare engineering plans, calculations, and reports, technical specifications, and construction estimates and schedules.

- The best part being a Traffic/Civil Associate II at Michael Baker is that no two days will be the same. You will face different challenges every day, some of which will be extraordinarily complex.
- Most days will be spent in the office preparing engineering designs including DMS/VMS, CSS, CCTV, RWIS, RMS, VDS, TTS, ATMS, ASCT, CTSS, traffic signals, traffic control devices, pavement markings, lighting, fiber-optic, wireless, and Ethernet communications, and security systems.
- On some days, you will make field visits to project sites to review, investigate, and document existing infrastructure conditions.
- You will feel a sense of pride in knowing that you are helping Michael Baker International provide innovative solutions to transportation challenges, big and small, and Making a Difference for the clients and communities we serve!

PROFESSIONAL REQUIREMENTS

- You will need a Bachelor's Degree in Civil, Electrical, or Systems Engineering, and 3 to 5 years of progressive traffic and ITS design experience.
- You will need an Engineer-in-Training (EIT) certificate and be on-track to obtain a PE License within two years.
- To be successful, you will need to be bright, organized, and determined; you will also need to be able to build relationships with a wide variety of people. You will need the ability to multitask and prioritize competing project obligations.

- Excellent English language skills, written and verbal, are essential to long term success in this role.
- You will need to be able to quickly get up to speed on our policy, procedures and relevant software while acquiring an understanding of the company's service offerings, and the client's standards and procedures relevant to your projects.
- Naturally, you will need computer skills (Microsoft Office), with the ability to utilize CAD software including AutoCAD and MicroStation and be knowledgeable in Traffic Engineering software such as HCS and Synchro.
- It would be a plus if you already are proficient in some of the software above.