Connetics Transportation Group, Inc. (CTG) is pleased to offer an exciting opportunity to qualified candidates to join our Traffic Services practice as a <u>Traffic Engineer who can report to one of our offices in South Florida, Raleigh NC, and Orlando FL</u>.

About the Position

As a member of our Traffic Services team, the <u>Traffic Engineer</u> supports a wide range of projects related to traffic engineering studies, operational analysis, traffic forecasting and simulations, intersection/interchange analysis, safety studies, and corridor studies. Our clients include departments of transportation, metropolitan planning organizations, and local governments. Examples of tasks you will accomplish on any given day include assisting in: (1) performing traffic studies and capacity analyses to analyze traffic characteristics and help decide traffic control for safe and efficient traffic movement; (2) conducting traffic operational analysis and simulations for transportation planning, PD&E, and safety studies; (3) leading traffic forecasting and design traffic efforts; (4) engaging with other staff to identify needs, opportunities, and cross-cutting initiatives related to traffic analysis; and (5) working as part of a team and individually to meet the needs of the project. As a small firm, we are uniquely suited to provide ample opportunity for on-the-job learning and career development.

About You

Our most successful Traffic Engineer is adept at utilizing a variety of technical skills and analytical methods to solve complex problems. Below are our minimum and desired qualifications for this role.

Minimum Requirements
- 2 to 5 years professional experience
- Master's or bachelor's degree in transportation engineering, civil engineering, or a related field
- Strong knowledge of the principles, theories, concepts and practices of transportation engineering
- Hands-on experience with one or more transportation software such as Synchro, HCS, SIDRA, Cube, or VISUM
- Exposure to simulation software such as VISSIM and TransModeler
- Ability to effectively present and communicate technical problems and prepare documentations

Desirable Qualifications (While not required to apply, experience in one or more of the following skillsets is desirable)
- Registration as a Professional Engineer
- Concept development/design exposure
- Big data processing with Hadoop, R, Python or other statistical software

Who We Are

CTG is a transportation consulting firm focused on improving the way communities move. Our multi-disciplinary team of modelers, planners, traffic engineers, and data scientists brings a wealth of experience solving complex problems across all facets of the mobility spectrum. We pride ourselves on developing data-driven solutions that are practical, implementable, and above all, community-inspired.

CTG is an Equal Opportunity Employer. Interested candidates should e-mail a cover letter and resume to Hui Zhao, <u>hzhao@ctgconsult.com.</u> For additional information about CTG, please visit us at <u>www.ctgconsult.com</u>