**Civil Engineer in Training / Project Designer (EIT)**

**TRACE Consulting**'s growing team is looking for a recent civil engineering graduate to join our Phoenix office. The role of this position is to assist a Project Engineer with engineering analysis and design tasks for a variety of exciting roadway, aviation and transit projects.

**Experience:**

The ideal candidate will have an Engineer-in-Training (EIT) certification with 0-3 years of experience working closely with civil engineers on the development of roadway and aviation geometrics, plan and profile drawings and related construction documents. Candidate will have basic experience using AutoCAD Civil 3D to perform design, build models, and produce construction drawings. Familiarity with MAG or FAA standard details and previous internship experience is a plus.

**Education:**

Ideal candidate will hold a BS in Civil Engineering, or similar field. EIT is required.

**Skills:**

The ideal candidate will be an organized, detail-oriented, independent self-starter capable of communicating technical issues and progress with other engineers and team members throughout the production and design of civil engineering roadway and aviation project plans. Other necessary skills include the following:

• Proficiency with AutoCAD Civil 3D (2013 or newer preferred), MicroStation/InRoads a plus

• Proficiency with Microsoft Office Products (2010 or newer preferred)

• Communicate with team members effectively through telephone, email, and in person

**Typical Responsibilities:**

• Analyze and interpret as-built/record construction drawings and utility maps and use AutoCAD Civil 3D to create project drawings of existing infrastructure.

• Utilize AutoCAD Civil 3D to design and develop high quality construction plans, technical exhibits, and details.

• Refine construction plans and designs in AutoCAD Civil 3D through coordinated communication between team members to address client needs.

• Compile technical reports and specification documents using PDF software and Microsoft Word.

• Prepare opinions of probable construction cost, quantity take off, and other quantitative analyses using Microsoft Excel.

**Benefits:**

This is a full-time position with a competitive compensation and benefits package including:

• Highly competitive salaries

• Annual performance bonuses

• Company paid employee premiums for medical, dental and vision insurance

• Additional buy-up options for medical insurance

• Generous paid Vacation and Sick Time

• Paid Holidays

• Tuition Reimbursement

• Mentorship Program

**About TRACE:**

TRACE Consulting, LLC is a Phoenix-based engineering firm that provides Traffic Engineering, Roadway Design and Aviation Consulting Services. We have in-house capabilities to deliver complete, multi-disciplinary projects by providing design and construction phase services. We emphasize the development of creative, cost-effective and results-oriented solutions to our clients’ needs and challenges. With hands-on involvement by the company’s principals and experienced staff, we strive to provide our clients with the highest quality deliverables in a timely manner.

Authorization to work in the United States without need for sponsorship is required.

TRACE is an Equal Opportunity Employer.

Email resumes to [admin@traceconsulting.us](mailto:admin@traceconsulting.us)