



PROJECT ENGINEER – Roadway / Transit / Aviation (Civil, PE)

TRACE Consulting's growing team is looking for a mid-level Professional Civil Engineer to join our Phoenix office. The role of this position is to lead design tasks for a variety of exciting roadway, transit or aviation projects.

Experience:

The ideal candidate will have 4-8 years of project engineering experience developing roadway geometrics, plan and profile drawings and related construction documents. Candidate will have extensive experience using AutoCAD Civil 3D and/or MicroStation/InRoads to perform design, build models, and produce construction drawings. Experience working on Public Works projects and familiarity with local jurisdictions' (MAG, Cities) standard details is a plus.

Education:

- Ideal candidate will hold a BS in Civil Engineering, or similar field.
- Professional Engineer (PE) licensure 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 (2018 or newer). Knowledge of MicroStation / InRoads is a plus
- Proficiency with Microsoft Office Products (Word, Excel, PowerPoint)
- Effective communication skills 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.
- Regular communication between team members to ensure project design issues and client needs are addressed.
- Utilize AutoCAD Civil 3D to design and develop high quality construction plans, technical exhibits, and details.
- Manage internal and external deadlines to ensure on time submittals.
- Refine construction plans and designs in AutoCAD Civil 3D through coordinated communication between team members to address client needs.
- Assist Project Manager by compiling technical reports, preparing meeting agendas and minutes, and other introductory project management duties.
- Prepare opinions of probable construction cost, quantity take off, and other quantitative analyses using Microsoft Excel.

Certificates, Licenses, Registrations:

- Professional Engineer's license in Arizona (or the ability to obtain one within 6 months)
- Valid State of Arizona driver's license and acceptable driving record for insurance purposes.



Benefits:

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

- Highly competitive pay
- 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
- 401(k) Retirement Plan with generous match
- Tuition Reimbursement
- Mentorship Program
- Company paid Professional License Dues
- Company paid Professional Association Dues

About TRACE:

TRACE Consulting, LLC is a Phoenix-based engineering firm that provides Traffic Engineering, Roadway Design, Aviation Consulting, Surveying and Construction Management 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 resume to admin@traceconsulting.us