MAURER-STUTZ
ENGINEERS SURVEYORS

Highway Design Technician

ANY EXPERIENCE LEVEL

POSITION DESCRIPTION

Maurer-Stutz, Inc. is looking for a multi-skilled candidate with construction or technical background for the position of Highway Design Technician. Our Design Technicians are responsible for providing needed drafting and plan preparation tasks for a wide range of project sizes and complexities. Our clients include state agencies, county highway departments, township road districts, municipal agencies, and private enterprises. Candidates should be able to demonstrate technical, analytical, and communication abilities. Interested applicants should have a familiarity with basic civil engineering concepts and/or the trades, especially as they relate to highway and roadway design engineering. In addition, ideal candidates will demonstrate an aptitude for technical communication and aesthetically pleasing report preparation.

EXAMPLES OF RECENT HIGHWAY DESIGN PROJECTS:

- Phase I Planning and Phase II Design/Plan Development for a local interstate interchange & multi-span structure replacement
- Planning and Design of over 10 city blocks of urban roadway improvements within a local municipality including new HMA and PCC pavement, curb, gutters, storm sewer, water main, sanitary sewer, and sidewalk improvements
- Planning and Design for multiple local multi-use paths along existing railroad corridors and along new alignments
- Planning and Design for six miles of interstate resurfacing including multiple superstructure repairs and one mile of complete pavement removal and replacement
- Planning and Design for streetscape improvements including developing cross sections, typical sections, ADA/PROWAG design of sidewalk ramps, geometric design including sight triangles, coordination of PESA responses, preliminary cost estimates and utility coordination
- Planning and Detailing of a rehabilitation for dual structures carrying the interstate including guardrail length of need computations, development of construction limits, development of 3D corridor and cross sections, and quantity computations for cost estimates

HIGHWAY DESIGN TECHNICIAN RESPONSIBILITIES:

- Typical Roadway Sections
- Compute Earthwork and Construction Quantity Calculations
- Understand design terminology
- Develop non-complex details from drawing presentation
- Prepare plan sheets layout
- Compare assigned tasks under guidance and supervision from design engineering staff
- Communicate design intent, decisions, and calculations effectively to supervisors

MINIMUM REQUIREMENTS:

- Bachelor's Degree in Civil Engineering, Construction Technology, or related field

DESIRED QUALIFICATIONS:

- Familiarity with CAD Software (including Bentley MicroStation / OpenRoads Designer and/or AutoCAD Civil3D)
- Attention to detail and good problem-solving skills
- Excellent written and verbal communication
- Good interpersonal skills

To apply - send resume to **careers@mstutz.com**
3116 N Dries Ln, Suite 100 Peoria, IL 61604

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WHY JOIN MAURER-STUTZ?

At Maurer-Stutz, Inc., we offer the best of both worlds—the expertise and impact of a top-tier engineering firm with the agility and close-knit culture of a small business. Our mission, *Working with you by design*, drives everything we do, from building strong client relationships to delivering high-quality solutions with integrity and collaboration at the core.

When you join our team, you're not just another employee—you're a valued contributor with direct opportunities to make an impact. As a small engineering firm, we provide early exposure to client interactions, project management, and leadership opportunities that larger firms often reserve for later in your career.

We value:

- Integrity – Doing what's right, always.
- Collaboration – Working together to create the best solutions.
- Quality – Setting the bar high in everything we do.
- Mentorship – Supporting your growth through hands-on learning and guidance

If you're looking for a place where your work is meaningful, your growth is prioritized, and your contributions shape both projects and the company's future—Maurer-Stutz is the place for you. Join us and grow with a team that truly values your potential.

WHAT WE OFFER:

Competitive Compensation: Our annual salary range for this position is $60,000 - $85,000, along with eligibility for an annual discretionary bonus. Relocation packages are available for qualified candidates.

GENEROUS BENEFITS:

- Performance Bonuses
- Regular Lunch and Learns and Professional Development Sessions
- Retirement Plan
- Group Health Insurance
- Life Insurance
- Disability Insurance
- Equal Employment Opportunity
- Work-Life Balance Initiatives

Want to learn more? Visit our full-time benefits page for all the details.

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