MAURER-STUTZ
ENGINEERS SURVEYORS

Water Resources Engineer

PROFESSIONAL ENGINEER

POSITION DESCRIPTION

Maurer-Stutz, Inc. is seeking to hire a licensed/registered professional engineer with a minimum of four (4) years of professional experience to continue growth of our Civil/Conservation services team. Maurer-Stutz currently maintains offices in Illinois with projects throughout the country. The position entails working with public and private clients with a particular emphasis on flood control, environmental concerns, and soil/water conservation projects involving hydrology, hydraulic (H & H) design, and watershed planning.

The ideal applicant is licensed (or registered) as a professional engineer with experience in water resource planning, H & H modeling and design. Primary activities include planning and design for flood risk reduction including dams, levees, drainage canals, soil and water erosion control practices, permitting regulations, and watershed planning to address resource concerns.

EXAMPLES OF RECENT CONSERVATION / WATER RESOURCES PROJECTS:

- Dam Assessments for existing flood control dams in Kansas, Illinois, and South Carolina.
- Development of construction plans and specifications for dam rehabilitation in Kansas to bring up to current standards. Project included coordinating engineering surveys and geological investigation, hydraulic proportioning for principle and auxiliary spillways, site, grading and stormwater construction plans, and coordinating local and state permitting.
- Development of construction plans and specifications for pump station, lake renovation and wetland enhancement in Missouri conservation area. Project included developing site, grading and stormwater construction plans, and state permitting. Project included ditches, levees, access roads, duck blinds, habitat screening mounds, fish habitat beds, parking lots, concrete spillways, water control structures, fishing jetties, erosion control / wave action riprap, boat ramps, and piping.
- Preparing multiple Watershed Plan Environmental Assessments for flood reduction structures (dams) in Oklahoma, Nebraska, and Illinois; and drainage canals in Missouri. The watershed plans included H & H calculations, flood frequency and breach wave modeling (HEC-RAS 2D, SITES), civil/site improvements, and alternatives analysis.

WATER RESOURCES ENGINEER RESPONSIBILITIES:

- Perform one-dimensional and two-dimensional modeling with various software (e.g., HEC-RAS, FLO-2D, and SWMM) and other H & H calculations/modeling (HEC-HMS, SRH, Hydro CAD, etc.);
- Execute established procedures, perform calculations and process spatial data necessary to support H & H modeling efforts;
- Support Field Investigations including the collection and analysis of data used to support planning or H & H modeling;
- Work with a team of Engineers, Surveyors and GIS specialists supporting various planning and water resources, flood risk management and environmental restoration projects;
- Prepare project reports including criteria, calculations, planning, technical narrative, research, and data;
- Design projects including project manual, calculations, construction plans, and specifications.
- Assist in construction phase services including construction checks/observation, developing record drawings, materials testing, etc. to document general conformance with project plans and specifications.
- Project/Client Management or assisting client managers and project managers and learning from them.

BASE REQUIREMENTS:

- Professional Engineering Licensure with ability to become licensed in the State of Illinois if not already.
- Technical familiarity/experience with H & H software such as HEC-RAS, HEC-HMS, FLO-2D, SWMM, and other modelling software.
- Experience developing project documents such as studies, reports, project manuals, specification and construction documents.
- Attention to detail and good problem-solving skills
- Good written and verbal communication, interpersonal skills with strong time management and organizational skills.
- Competent use of Microsoft Office products.
- Experience with AutoCAD, CIVIL3D, Revit, MicroStation, GIS or other drafting/design software.

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 $75,000-$120,000, 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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