MAURER-STUTZ
GEOSPATIAL SERVICES

GEOSPATIAL ENGINEER

FIBER

POSITION DESCRIPTION

MSGS seeks a highly skilled Geospatial Engineer technical lead with expertise in fiber broadband infrastructure to support our Fiber Support Services team. This role will provide advanced technical direction on GIS projects for clients in telecommunications, broadband providers, and utility organizations. The ideal candidate will bring experience in geospatial application for network management and will be instrumental in helping our clients optimize their fiber infrastructure strategies. Additionally, this role will support MSGS's strategic partnerships with GEOGRAPH, contributing to innovative solutions and enhancing the value of CrescentLink Pro for clients. This position offers a hybrid or remote work option from our Peoria, IL office, determined situationally.

KEY ACTIVITIES:

- **Project Planning and Coordination:** Lead project planning by developing scopes and objectives, engaging relevant stakeholders, and ensuing the technical feasibility of solutions. Collaborate closely with prospective, new, and existing clients to address their GIS needs in fiber broadband infrastructure. Assist with resource allocation, including staff, schedules, and budgets, to ensure successful project delivery and client satisfaction. Engage in business development activities, including preparing cost estimates and crafting technical proposals that align with MSGS's capabilities and client goals.
- **Database Management:** Develop and maintain GIS databases for fiber network assets, including conduit pathways, splice points, and customer connections. Utilize CrescentLink Pro to improve network planning, asset management, and operational efficiency for clients. Ensure data accuracy, security, and consistency through adherence to industry best practices in database management and data governance.
- **Mapping and Visualization:** Provide expertise in creating maps and visualizations for fiber network projects, such as route planning, service area analysis, and network expansion. Deliver visualizations that enable clients to manage, maintain, and expand their fiber networks effectively. Support the adoption of advanced tools, including CrescentLink Pro, for mapping and visualization, ensuring seamless integration into clients' workflows.
- **System Administration and Maintenance:** Oversee the installation, configuration, and maintenance of Enterprise GIS software systems, ensuring smooth operation and minimal downtime. Support system upgrades and migrations to modern geospatial platforms tailored to fiber broadband management. Manage GIS infrastructure to align with long-term clients' needs in telecommunications and utility sectors.
- **Strategic Partnerships and Business Development with GEOGRAPH:** Actively participate in MSGS's strategic partnership with GEOGRAPH by collaborating on innovative solutions and client-focused initiatives. Represent MSGS in discussions with GEOGRAPH to enhance CrescentLink Pro's capabilities and align joint offerings with client enterprise GIS needs. Identify opportunities to expand the partnership's value proposition and deliver integrated ArcGIS solutions for fiber broadband management.
- **Technical Support and Training:** Provide ongoing technical support to team members and clients to maximize their use of GIS tools for fiber broadband solutions. Mentor team members, enhancing their technical proficiency in geospatial software and industry events by presenting or exhibiting MSGS's expertise in broadband planning and management.
- **Collaboration and Innovation:** Cultivate a collaborative environment where team members innovate to develop tailored solutions for fiber clients. Serve as a liaison between MSGS, clients, and GEOGRAPH to ensure alignment in vision, objectives, and project outcomes. Stay informed about advancements in GIS technologies and explore opportunities to integrate new tools and methodologies into fiber broadband network planning and management.

MINIMUM REQUIREMENTS:

- Bachelor's degree in geospatial science, engineering, or a related field.
- 5+ years of experience in the telecommunications or utility industry, with a focus on fiber broadband networks.
- Proven communication skills, with an ability to interface professionally with clients and team members.
- Proficiency with office applications and adaptability to new software and hardware components.

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

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DESIRED QUALIFICATIONS:

- GIS Professional certification.
- Proficiency with Esri's ArcGIS suite, with a preference for experience in administration of ArcGIS Enterprise.
- Proficiency with GEOGRAPH's CrescentLink Pro or similar GIS applications for fiber infrastructure management.

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-$95,000 based on experience, along with eligibility for an annual discretionary bonus. Relocation packages are available for qualified candidates.

Cutting-Edge Technology: Work with the latest tools and technologies in a supportive, forward-thinking setting.

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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