MAURER-STUTZ
GEOSPATIAL SERVICES

GEOSPATIAL TECHNICIAN

FIBER

POSITION DESCRIPTION

Maurer-Stutz, Inc. (MSI) seeks a full-time **Geospatial Technician** focused on fiber support to assist with geospatial data development and maintenance for fiber broadband infrastructure projects. This position supports Maurer-Stutz Geospatial Services (MSGS's) Fiber Support Services team by performing structured GIS tasks related to fiber network mapping, asset data management, and field-to-office workflows. The position works under the direction of our Geospatial Group Manager alongside our technical lead of our fiber team and contributes to client deliverables supporting telecommunications, broadband providers, and utility organizations. This position may support MSGS's partnership with GEOGRAPH and CrescentLink Pro through data preparation, quality control, and routine updates.

KEY ACTIVITIES:

- **Fiber GIS Data Management:** Assist with the creation, editing, and maintenance of GIS datasets related to fiber infrastructure, including conduit routes, handholes, splice points, cabinets, poles, and service locations. Perform attribute population and verification using predefined schemas and standards. Support data quality control by identifying errors, omissions, and inconsistencies in fiber network datasets.

- **Data Processing and Analysis:** Execute routine and repeatable GIS workflows under supervision, including digitizing, data conversion, and spatial analysis. Prepare datasets for ingestion into platforms such as CrescentLink Pro or ArcGIS Online. Support service area mapping, route alignment, and basic network visualization tasks using established procedures.

- **Mapping and Visualization:** Produce fiber network maps and exhibits using standardized templates for planning, design, construction, and constructed record documentation. Assist with cartographic updates, symbology adjustments, and layout production for internal and client-facing deliverables. Generate maps that support permitting, construction coordination, and internal review.

- **Field Data Collection Support:** Assist with preparation of field data collection tools (Field Maps, Survey123, GPS units) for fiber projects. Perform field data collection or validation as assigned, including redline capture and photo documentation. Review and validate collected field data for completeness and accuracy before integration into enterprise datasets.

- **Technical Support and Documentation:** Provide GIS support to internal team members, including assistance with data access, map exports, and standard workflows. Maintain documentation of datasets, data sources, and standard operating procedures related to fiber GIS tasks. Assist with preparation of reports, summaries, and internal documentation related to fiber projects.

- **ADDITIONAL RESPONSIBILITIES:** Assist on projects originating from multiple MSI groups or offices as assigned. Support proposal development activities by assisting with map exhibits, data summaries, and scope support materials. Participate in training and professional development related to fiber broadband GIS, Esri technology, and MSGS workflows.

MINIMUM REQUIREMENTS:

- Associate's or Bachelor's degree in GIS, geography, engineering technology, or a related field.
- 0–3 years of experience in GIS or geospatial data production.
- Familiarity with GIS concepts, spatial data, and cartographic principles.
- Ability to follow defined workflows and work under technical supervision.
- Proficiency with office productivity tools and adaptability to new software.

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

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DESIRED QUALIFICATIONS:

- Experience with Esri's ArcGIS Pro and ArcGIS Online.
- Exposure to fiber broadband or utility network mapping concepts.
- Familiarity with CrescentLink Pro, GEOGRAPH, or similar fiber-management platforms.

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.

At Maurer-Stutz, you'll have the opportunity to work on transformative projects that are redefining fiber infrastructure from a geospatial perspective. We foster a collaborative and dynamic environment where innovation and professional growth are at the forefront of everything we do.

WHAT WE OFFER:

Competitive Compensation: Our hourly wage range for this position is $25 - $32, along with eligibility for an annual discretionary bonus.

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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