

## **GIS Specialist**

**Summary:** Seeking a highly motivated individual who has experience in Geographic Information Systems (GIS), cartography, and spatial analysis.

Banning Engineering takes a unique approach by showing our engineering clients how to manage their utilities using the power of GIS. Banning is an award-winning pioneer in high-accuracy municipal utility mapping in the State of Indiana.

This position's main responsibilities include ArcGIS Pro data analysis, creating maps for ArcGIS mobile mapping applications, ArcGIS Online map hosting, data collection management, and developing high quality map and graphic products for print and web-based presentation. This individual will work closely with our team of engineers, and surveyors to provide geospatial services to clients in Indiana.

Experience in CAD drafting using AutoCAD Civil 3D or similar software is desirable. Successful integration of GIS and engineering CAD platforms is essential in many projects.

Applicant should have strong cartographic and design skills and experience with a wide variety of project types. The right candidate will be active on project and pursuit teams, and will look for ways to implement GIS and graphic solutions on projects properly and efficiently in conjunction with project managers and project teams. This candidate will manage and directly support GIS on projects, ensuring that project milestones are met.

This position reports to the Project Manager in the GIS Services department. This position has the potential for growth as Banning Engineering continues to build the GIS Services department.

### **Essential Duties and Responsibilities:**

- Preparation and delivery of GIS maps for a variety of engineering needs.
- Create, administer, and manage feature layers for Field Maps mobile data collection on ArcGIS Online.
- Gather, compile, migrate and convert data sets for project needs from a variety of internal and external sources.
- Update numerous GIS datasets and templates.
- Develop ways to streamline the mapping process by leveraging smart forms and integrations with other mobile apps.
- Evaluate data from multiple sources to determine the quality and ensure data is clean and accurate.
- Find ways to improve or automate current processes using GIS tools.
- Manage the GPS mapping equipment purchasing, maintenance, and subscriptions.
- Create internal business tools using GIS solutions.
- Administer and manage ArcGIS software licensing for the GIS department.

### **Qualifications/Requirements:**

- BS in Geography, Civil Engineering, or similar science preferred
- 2-4 years of experience using ArcGIS Software, ArcGIS Pro preferred
- Working knowledge and understanding of data conversion, database management, GIS digitization and analysis
- An understanding of the definition, projection, and application of different coordinate systems for both feature datasets and imagery in ArcGIS
- A desire to grow the capabilities and service offerings of the GIS department is a plus
- Demonstrated analytical, problem solving and decision-making abilities
- Ability to manage multiple tasks and deadlines
- Self-motivated while working independently
- Ability to grasp new technical concepts quickly
- Excellent interpersonal, organizational, communication, analytical and time management skills
- Experience with Esri Mobile Apps is required
- Local candidates preferred.
- GISP Certification is a plus.
- This position does not offer visa sponsorship.
- This is an office-based position located in Plainfield, Indiana

**Benefits:**

- 100% Employer Paid Medical and Prescription Coverage with a choice of plans
- 401K Plan with matching
- Employee Stock Ownership Plan (ESOP) Company Benefits
- Employer-Paid Short and Long-Term Disability
- Employer Paid Life Insurance
- Generous Paid Time Off
- Employee Tuition Program
- Dependent Tuition Program
- Professional Development Opportunities
- Flexible Working Schedules
- Paid Gym Membership

**We are a firm that hires based on character as well as experience.**

**To Apply:**

Please send resume to [hr@banningengineering.com](mailto:hr@banningengineering.com) or 853 Columbia Road, STE 101, Plainfield, IN 46168.