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Civil Project Engineer / Drainage

Summary: This is a full-time position, reporting to the Project Manager of Water Resources, that will assist the PM by working on complex hydraulic, roadway drainage and storm water management design projects driven by current regulatory requirements, water-quality regulations, and permits. This position will require extensive interaction and interface with internal and external clients. This position has the opportunity for progressively advanced responsibility with proven capability.

Essential Duties and Responsibilities include the following. Other duties may be assigned to meet business needs.

- Performs project task and task management including drainage calculations, reviewing plans, specifications, and technical comparisons to drive project completion.
- Analyzes watersheds
- Analyzes and Designs stormwater management systems (storm sewers, culverts, detention systems, etc.)
- Performs Drainage calculations using Excel spreadsheets and design software.
- Prepares technical reports and manuals
- Provides input and technical guidance to CAD Drafters, Designers, and lower-level Engineers.
- Obtains knowledge of municipal ordinances and codes and coordinates with City, County, and State officials.
- Researches design options and documents findings for Project Engineers and/or Project Managers.
- Will take an active role in design review meetings, public presentations, and interacting with clients as his or her level of experience progresses.
- Manages project budget, profitability, utilization, and reports project results to management as directed.

Qualification/Requirements:

- BS in Civil, Agricultural, or Environmental Engineering preferred or 3-5 years equivalent work experience in municipal stormwater or drainage design.
- Working knowledge of basic hydrologic and hydraulic principles.
- Experience with AutoCAD Civil 3D, and Stormwater Modeling (i.e. ICPR, SWMM, HydroCAD) is preferred.
- Some local travel will be required for this position.

We are a firm that hires based on character as well as experience. Please send resume/application to hr@banningengineering.com or 853 Columbia Road, STE 101, Plainfield, IN 46168.