

Job Title: Civil Engineering Designer & Project Manager

Key Responsibilities & Accountabilities: Project management of various civil site development projects including:

- Analyze surveys, reports, maps, drawings, blueprints, aerial photography, and other topographical or GIS data to plan projects.
- Coordinate with local municipalities and private clients
- Prepare or present public reports, such as bid proposals, rezoning petitions, neighborhood meetings, and Town Council presentations.
- Draft, layout, and create specifications -- Providing documentation, detailed instructions, drawings, or specifications to tell others how to construct various development and redevelopment projects.
- Inspect project sites to monitor progress and ensure conformance to design specification standards.

Specific Knowledge Requirements include:

- Licensed North Carolina Professional Engineer (or ability to obtain registration)
- 5-7 years of related Civil Engineering experience
- BS in Civil Engineering from an accredited educational institution
- Knowledge of design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.
- Experience working and coordination with local and state government and other various agencies
- Demonstrated history of strong project management experience
- An awareness of the environmental impact of design ideas.

Specific Design Experience Preferred:

- Residential subdivision plan design and review
- Public, commercial, and industrial development site plans
- Bike trails, athletic fields, greenways and park site plans
- Water and sewage distribution systems
- Storm water management concepts including detention basins, retention basins, bioretention or constructed wetlands a plus
- Storm water infrastructure and pipe design a plus

Skills Requirements:

- Strong problem-solving & critical thinking skills
- A creative approach for generating new ideas
- Excellent organization, multi-tasking and communication skills
- Good team-working skills
- Software:
 - AutoCAD software
 - Microsoft Office
 - PondPack, HydroCAD, WaterCAD and/or other storm water and water design software