

ROBERT V. MAYNARD

Civil Designer - Raleigh, NC

Surveying Course Work:

Johnston Community College, Smithfield, NC

Professional Credentials:

Certified Trainer - Autodesk Civil 3D
Certified Trainer - Hydroflow Storm Sewer
Certified Trainer - Land Desktop 2I

Employment Record:

2019 - Present - Smith Gardner, Inc.
2016 - 2019 - Dalton Engineering Associates, PA.
2014 - 2016 - Green Engineering PLLC
2006 - 2014 - Carolina CAD Solutions
2006 - 2014 - NC Development Engineers, PA
2002 - 2006 - Rivers & Associates, Inc.

Areas of Expertise:

Site Design
Roadway Design and Layout
Grading/Erosion Control Design
Geographic Information Systems (GIS)
AutoCAD Civil 3D
AutoCAD Map
AutoCAD Land Development Desktop
ArcGIS for Desktop



Mr. Maynard has over 15 years' experience drafting site design drawings, construction drawing sets, and environmental drawings. He is proficient with a variety of software design and mapping tools including AutoCAD, Civil3D, and ArcGIS.

Mr. Maynard has significant civil design experience and expertise in Autodesk Civil 3D and AutoCAD. His hands-on experience assisting surveyors gives him exceptional insight to civil project layout, grading, and stormwater control design.

Mr. Maynard routinely works directly with S+G engineers to design site grading, road layout, earthwork volume reporting, geologic cross section views, and design feature reviews.

Mr. Maynard began land surveying support while in high school. After graduating, he pursued a full time career in the surveying industry gaining experience in boundary surveying, topographic surveying, construction staking, as-builts, and GPS. As he grew in knowledge and skill, he began a career in CAD Translating. His experience led him into design support in water mains, sanitary sewer force mains, and gravity sanitary sewer lines, commercial sites and subdivisions. He also assisted in grading, road design, and sedimentation and erosion control measures.

Mr. Maynard's experience geographically consists of multiple subdivisions throughout Johnston and Wake counties in North Carolina, site plans for warehouse properties, lumber mills, buster pump stations, and medical offices.

His broad knowledge and expertise is demonstrated in his certifications as a trainer in Autodesk Civil 3D, Hydroflow Storm Sewer, and Land Desktop 2I. This experience compliments his abilities in ArcGIS.