

W. Michael Woolwine

Civil Designer

Mike's 20 years of civil design experience allows him to fill a unique niche for Hughes Associates Architects. His experience enables Hughes Associates to have all of its site plan designs and master land planning performed in-house. Mike's past responsibilities have included that of a civil designer, a project manager, and a business and construction administrator. He has designed sites and managed projects throughout Virginia, including commercial, municipal and residential developments. Additional past projects include land planning, performing feasibility studies, subdivision design, highway design and surveying. He is well versed in all aspects of land development, such as stormwater management design and analysis; erosion and sediment control design, utility design and cost estimating.

Education

1992	Efficiency Based Design of Stormwater Settling Ponds Seminars, North Carolina State University
1991	Computer Aided Drafting with AutoCAD Classes
1988	Bachelor of Science in Civil Engineering Technology, Old Dominion University

Professional and Civic Activities

Co-Chair, Roanoke Zoning Ordinance Steering Committee  
Leadership Roanoke Valley 2008

Experience

1999-	Hughes Associates Architects; Civil Designer
1992-1999	Shanks Associates, P.C.; Civil Designer & Project Manager
1988-1992	Hayes, Seay, Mattern & Mattern, Inc.; Civil Designer

Related Project Experience

**Religious Assembly**

**Cave Spring Baptist Church**, Roanoke, Virginia - Additions and renovations.

**Trinity Ecumenical Parish**, Franklin County, Virginia - Additions and renovations.

**First United Methodist Church**, Roanoke, Virginia – New brick walkways for a renovation and addition to a church.

**Commercial, Industrial, Retail, Office**

**Contel Cellular**, Various locations, Virginia\* - Site Design for various cell towers throughout the western portion of Virginia.

**McDonalds Restaurant**, Roanoke City, Virginia\* - Site plan design for building addition and renovations.

**Autozone**, Cities of Roanoke and Salem, Virginia\* - Site plan design for 3 new store buildings.

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**Federal Express**, City of Roanoke, Virginia\* - Site plan design for a new distribution facility at Roanoke Regional Airport.

**Vinton Scrap and Metals, Inc.**, Vinton, Virginia – Developing a site layout for the industrial space.

**Sherwood Memorial Park**, Roanoke, Virginia – New office building that included grading, sidewalks and ADA accessibility.

### **Medical**

**Highland Medical Office Building**, Roanoke, Virginia - Site plan design for new medical office building.

**Bedford Medical Office Building**, Bedford, Virginia – Site plan design for a medical office building

**Lynchburg General Hospital**, Lynchburg, Virginia – Site plan design for office expansion

**Russell Dental Offices**, Roanoke, Virginia – Site layout and design for new dental offices.

**Richfield Retirement Community**, Roanoke, Virginia – Site plan design for a medical office building

**Carilion Family Practice**, Franklin County, Virginia – Site plan design for a family medical office

**Odyssey MRI on Franklin Road**, Roanoke, Virginia – Site plan design for a medical facility

**Jefferson Surgical Clinic**, Roanoke, Virginia – Concrete replacement and ADA Upgrades to sidewalk at medical office building.

### **Municipal/Government**

**Vinton Fire and EMS Facility**, Town of Vinton, Virginia – Fire and Rescue facility expansion

**City of Virginia Beach, Virginia\*** - Improvements and widening of approximately 3 miles to Independence Blvd.

**City of Norfolk, Virginia\*** - Improvements and widening of approximately 1 mile to Hampton Blvd.

**Department of Conservation and Recreation**, Draper, Virginia\* - Site plan design for a New Park Ranger Station.

**Traffic Management Plan**, Roanoke, Virginia – Project funded by the Virginia Department of Transportation where HAA's portion is to supply a Traffic Maintenance Plan for Hershberger Road. Other elements of the project include: sidewalk, trees, and landscaping.

### **Education**

**Honeytree Early Learning Center**, Roanoke, Virginia – Site plan design for new daycare facility

**Old Dominion University**, Richmond, Virginia\* - Site plan design for a new parking garage.

### **Residential/Housing**

**Orchards of Ashley – Section 2**, Botetourt County, Virginia – Site development for a new lot single-family subdivision surrounding a golf course with public sewer and water system.

**Steeplechase Subdivision**, Botetourt County, Virginia\* - Site design for a new 153 lot single family subdivision.

**Friendship Retirement Community**, Roanoke, Virginia – site layout and design for new breezeway/walkway at a retirement facility.

### **Hotels/Lodging**

**Comfort Suites**, Salem, Virginia- Site development of a new 72 room, three-story hotel with an indoor swimming pool.

**Country Inn Hotel**, Roanoke County, Virginia – Site plan design for a four-story, 84 room hotel with indoor swimming pool and retail/restaurant out parcel.

**Best Western**, City of Roanoke, Virginia- Site plan design for a new hotel.

### **Miscellaneous**

**Greenfield Recreation Park**, Botetourt County, Virginia - Stormwater and Drainage Design for a new baseball complex

**NASA-Wallops Flight Facility**, Eastern Shore of Virginia\* - Pavement analysis and design of roads and tarmacs.

**Henry County**, Virginia\* - Design of improvement to various rural roads throughout Henry County, VA

**Parking Lot for 1515 Williamson Road**, Roanoke, VA - Design a parking lot for tax parcels 3070704, 3070703, 3070702 adjacent to 1515 Williamson Road, includes building demolition, grading, stormwater and parking layout and pavement. Coordination with City of Roanoke included. Provide maximum number of spaces with 45 minimum

*\*Represents Tenure Experience*