

Anderson & Associates, Inc.



*Professional Services for
Parks and Trails*

Anderson & Associates, Inc.

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Blacksburg, VA 24060
800.763.5596

Middletown

7722 Main Street
Middletown, VA 22645
540.869.2501

West Virginia

93 Virginia Street
Beckley, WV 25801
304.461.0020

North Carolina

406 Gallimore Dairy Road
Greensboro, NC 27409
336.931.0910

Contact

William H. Bushman, PE
Vice President of Transportation
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800.763.5596
540.290.2599

Who We Are

Anderson & Associates, Inc. (A&A) has been providing quality engineering, surveying, planning, and landscape architecture services since the firm was founded in 1968. We have cultivated an operating philosophy driven by our employee-owners' commitment to client satisfaction and our dedication to innovation. From municipal and environmental engineering to land development, utilities, surveying, and GIS development, A&A delivers comprehensive solutions, not just designs.

Clients & Projects

Anderson & Associates emphasizes responsiveness and close attention to client needs through four offices in Virginia, West Virginia, and North Carolina. The firm focuses on planning, design, and construction contract administration for public and private clients, including state, municipal, institutional, industrial, and recreational projects. Key business sectors include:

Professional Services for Parks and Trails

- Environmental Studies
- Funding Applications (TE, SRTS)
- Grant Administration
- Corridor Identification
- Public Information
- Historic, Educational & Interpretive Feature Identification

Professional Design Services

- Municipal Engineering
- Transportation
- Surveying
- Geospatial (GIS, Mapping)
- Creative Services
- Site / Civil Engineering
- Environmental Engineering
- Environmental Studies
- Landscape Architecture & Planning

ESOP

Anderson & Associates is proud to be 100 percent employee-owned through an Employee Stock Ownership Plan (ESOP). As owners in the company, each employee understands the collective impact of his or her daily performance. Our model of project teams, professional development, and employee-ownership translates to a culture of efficiency, quality, and excellence. This emphasis, in turn, generates value-added benefits for our clients.

Tobacco Heritage Trail

Southside, VA



Firm's Responsibility:
Design

Owner:
Southside Planning
District
200 South Mecklenburg Ave
South Hill, VA 23970
434.447.7101

Completion Date:
2013

Project Cost:
Phase 2: \$800,000
Phase 3: \$6,300,000
Phase 4: \$925,000

Anderson & Associates, Inc. worked with the Southside PDC and local government to develop a rail-to-trail plan for phases 2, 3, and 4 of the Tobacco Heritage Trail in Southeast Virginia. The trail is a multi-use facility with special design consideration for equestrian users.

Phase 2 was a 2.6 mile proposed connection between the historic Cotton Mill Park in South Boston and a scenic overlook of the Dan River to be constructed West of South Boston in Halifax County. This phase of the project consisted of rehabilitating 2 bridges.

Phase 3 is an 11 mile trail which proposes a connection between the existing trails in Brodnax and Lawrenceville in Brunswick County, Virginia. This phase of the project consisted of coordinating the layout, design, and specifications for 4 prefabricated bridges.

Phase 4 is a 7.5 mile trail connecting Finchley to the Town of Boydton in Mecklenburg County. A&A provided an inventory of existing field conditions, prepared base mapping, and design for all three phases. A&A provided construction documents and coordination with the Department of Conservation & Recreation, the Department of Transportation, and the Department of Game & Inland Fisheries to prepare all environmental reviews for 6 river and stream crossings including the Meherrin River. A&A also coordinated required survey, geotechnical engineering, and bridge design as well as provide bidding services and limited construction administration for Phases 2 and 3.

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Dick and Willie Passage

Henry County, VA



Firm's Responsibility:
Environmental Assessment,
Trail Design, Right-of-Way
Appraisal

Owner:
Henry County
3300 Kings Mountain Road
Martinsville, VA 24112
Mr. Benny Summerlin
(276) 634-4601

Completion Date:
2010

Total Project Cost:
\$1,452,898

Anderson & Associates worked with Henry County, City of Martinsville, and the Dan River Basin Association to develop a rail-to-trail plan for the Old D&W rail line that connected eastern Virginia through Danville and into the New River Valley. Services on the old D&W started in the Martinsville area in 1881 and ran between Fieldale and Danville until 1985. A&A provided an inventory of existing field conditions, prepared base mapping, and coordinated with the Department of Historic Resources, the Department of Conservation & Recreation, the Department of Transportation, and the Department of Game & Inland Fisheries in preparing the environmental review. Public input meetings were held to gather feedback on the trailhead locations and trail alignment. A&A also coordinated property appraisal services for purchase of the Norfolk Southern right-of-way. A&A provided a preliminary trail plan that was used to obtain funding for construction in multiple phases. A&A provided construction contract administration for Phases 1, 2, & 3 (approx. 5 miles). A&A also prepared final construction plans and contract documents for these phases which have been successfully completed.

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Huckleberry Trail

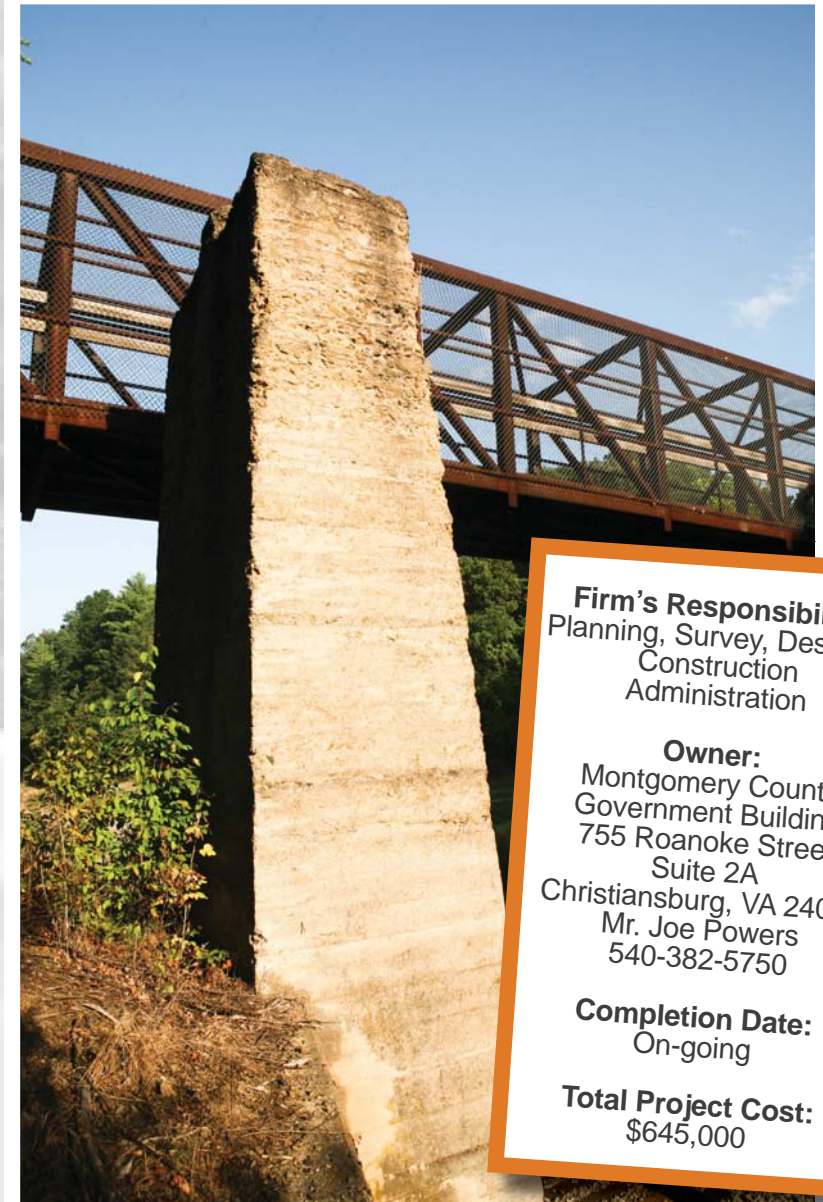
Montgomery County, VA

Prepared plans for 3 miles of this 7 mile bikeway trail connecting the Towns of Blacksburg and Christiansburg, Virginia. This project was designed in conjunction with two ISTEA Transportation Enhancement grant applications. The design involved converting an abandoned railroad right of way to a bikeway and trail and included a 160' pre-fabricated bridge, a 50' pre-fabricated bridge, and a low water bridge over existing streams and an active rail line.

During the entire length of this project, the regulations for the ISTEA Enhancement Program were evolving. The Project Team carefully studied each change and adapted the necessary changes to the Huckleberry Trail. The important thing was to keep on top of the changes as they happen. With new Transportation Enhancement legislation, this will be equally important in the future as well.

The project also involved extensive public participation through all phases of development. A&A assisted the Friends of the Huckleberry with fund raising efforts and jointly prepared presentations for public meetings.

Additionally, A&A has assisted Friends of the Huckleberry with ongoing efforts to connect the existing trail system to the Hethwood Trail System. The connection between these two systems is key in implementing the overall goal of the Huckleberry Trail, which is to reach the Jefferson National Forest, north of Blacksburg. Design of this phase include not only the trail plan but also extensive coordination with the Town of Blacksburg and Virginia Tech. Permits required for this work included a nationwide permit for the impact of the wetland as well as approval from the Board of Visitors of Virginia Tech.



Firm's Responsibility:
Planning, Survey, Design &
Construction
Administration

Owner:
Montgomery County
Government Building
755 Roanoke Street
Suite 2A
Christiansburg, VA 24073
Mr. Joe Powers
540-382-5750

Completion Date:
On-going

Total Project Cost:
\$645,000

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Purcellville to Round Hill Trail

Loudoun County, VA



Firm's Responsibility:
Planning, survey, design
& construction contract
administration

Owner:
Loudoun County Parks &
Rec.
215 Depot Court SE
Leesburg, VA 2017
Mr. Chris Bresley
(571) 258-3183

Completion Date:
2007 (Phase 1)

Total Project Cost:
\$792,000 (Phase 1)

This trail was a TE funded bicycle/pedestrian paved facility that enhanced the downtown setting and provided a non-vehicular link between the Towns of Purcellville and Round Hill via Franklin Park. Anderson & Associates, Inc. provided professional services to Loudoun County for the design and construction on this facility, which is 3.7 miles long and traverses from Downtown Purcellville, into Loudoun County, and ends at the Loudoun Street Park in Round Hill. Responsibilities included preliminary engineering, surveying, environmental permitting, design, construction contract administration, post-construction punch list and as-built record drawings.

The design phase on this project included trail geometry, hydraulic, erosion and sediment control, maintenance of traffic, traffic engineering, utilities, and landscaping. Additionally, we provided workshops with the client, written reports, three public hearings, and the development of and participation in presentations.

Firm's Responsibility:

Funding Assistance,
Preliminary
Engineering Report,
Design

Owner:

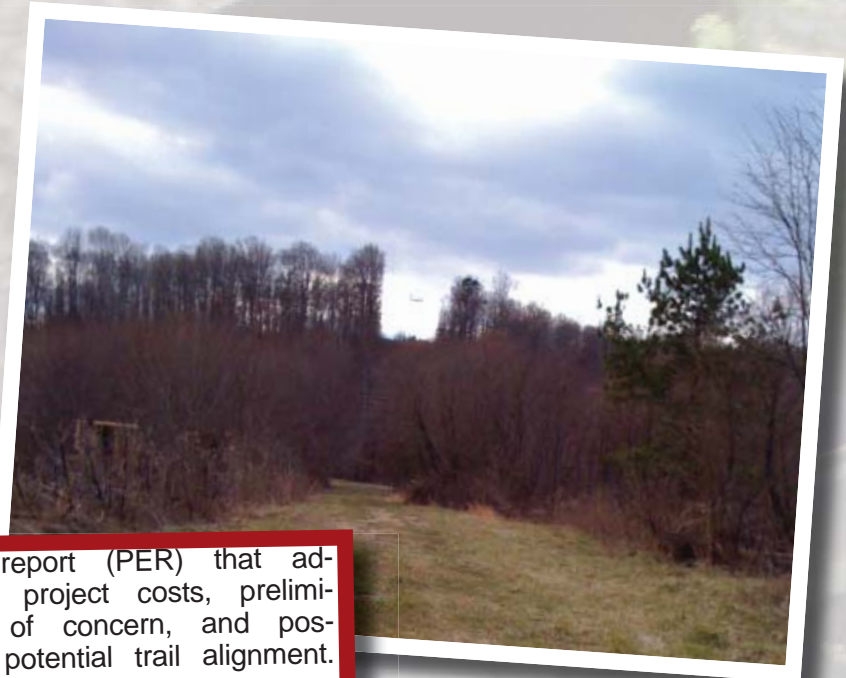
Patrick County
P.O. Box 466
Stuart, VA 24171
Mr. Jay Scudder
276-693-2002

Completion Date:

PER: 2007
Phase 1: 2010

Project Cost:

\$850,000



A&A prepared a preliminary engineering report (PER) that addressed possible trail alignment, estimated project costs, preliminary identification of environmental areas of concern, and possible land acquisition needs based on the potential trail alignment.

A&A also prepared and submitted a funding application to the Virginia Department of Transportation Enhancement (TE) Program and funding was awarded for the PER portion of this project. A groundbreaking ceremony took place on July of 2007.

Throughout the PER process, multiple meetings took place between Anderson & Associates, Patrick County, and the Town of Stuart staff members. This collaborative effort made this project very attractive to the Virginia Department of Transportation Enhancement Program as well as the Department of Housing and Community Development (DHCD). Future phases of the Mayo River Rail Trail project are now part of the DHCD funded Town of Stuart uptown commercial district revitalization project.

A&A is now providing design services for this 2-mile trail multi-use in 3 separate phases. The trail will cross the Mayo River twice and bridge designs will allow for emergency vehicle access. Along the way, A&A continues to provide funding assistance through the TE program.

Jackson River Scenic Trail

Alleghany County, VA



Firm's Responsibility:

Master planning, design,
cost estimating, traffic impact
analysis

Owner:

Alleghany County
9212 Winterberry Avenue,
Suite A
Covington, VA 24426
Mr. Jonathan Lanford
(540) 863-6650

Completion Date:

Master Plan: 2006
Engineering: 2008
Construction: 2009 est.

Total Project Cost:

\$533,000

Anderson & Associates, Inc. began work on the Jackson River Scenic Trail by working with the County to develop a master plan that provided planning, inventory assessment, preliminary design, cost estimates, and implementation priorities to develop the proposed 17-mile trail from the City of Covington to access on Lake Moomaw and the Bath County line. Specific components of the master plan included the adaptive reuse of the Intervale Depot, views and access to the scenic Jackson River, critical connections to adjacent points of interest and sources of users, as well as historical and natural interpretation of the corridor. Once the master plan was complete, Anderson & Associates, Inc. began engineering services, a traffic impact analysis, construction plans, bidding services, and limited construction administration for the first phase of the trail. The first phase consisted of the first seven miles of the trail system extending from the Interval Depot to the Smith Bridge.

Market Square Park Blacksburg, VA



Firm's Responsibility:
Green Site Design, Land-
scape Design,
Surveying

Client:
Town of Blacksburg
303 Wilson Avenue
Blacksburg, VA 24060
Ms. Elisabeth Vogel
540-558-0798

Completion Date:
2009

Total Project Cost:
\$800,000

A&A worked with the Town of Blacksburg, market vendors, The Friends of the Farmers Market, and the public to re-develop an old parking lot in Downtown Blacksburg into a farmers market and public park. Design of this project began with the development of multiple conceptual plans based upon feedback received at public meetings regarding the aesthetic vision and functional goals of the project. The conceptual/preliminary design considerations included site layout, use of renewable materials and sustainable concepts, relocation of existing underground electric facilities, site lighting, parking, pedestrian and automotive traffic flow, connection of the site to existing adjoining properties, landscaping elements, erosion and sediment control, and storm water management. The detailed design of the project has included implementation of the conceptual plans and extensive coordination with the structure architect, utility owners, electrical engineer, adjacent store proprietors, Town parks and recreation department, Town planning department, Town engineering department, Town public works department, and Town police department.

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J. Frank Wilson Park

Martinsville, VA

Firm's Responsibility:
Public Input Facilitation,
Master Plan Development,
Park Design,
Cost Estimating

Client:
City of Martinsville
55 W. Church Street
Martinsville, VA 24114
Ms. Tiffani Underwood
(276) 403-5156

Design Completion Date:
2007



The City of Martinsville selected Anderson & Associates to lead the Community Input Initiatives and master plan design of J. Frank Wilson Park. In addition to the park's central location its unique attributes are its natural features such as its steep slopes, stream, and native vegetation population. The park also has a unique opportunity to serve as a community gathering place and also expand and support the programs and services provided by the adjacent Virginia Museum of Natural History, Family YMCA, Patrick Henry Elementary School and nearby churches.

The designed park will be a fusion of natural history, recreation, and community within the City of Martinsville.

Smith Mountain Lake Community Park

Franklin County, VA



Firm's Responsibility:
Master Planning, Permitting,
Design

Owner:
Franklin County
40 East Court Street
Rocky Mount, VA 24151
Mr. Scott Martin
540-483-9293

Completion Date:
2007

Total Project Cost:
\$700,000

Anderson & Associates, Inc. provided engineering services under a term contract with Franklin County for a new park at Smith Mountain Lake. The park includes a fishing pier, playground, 1.5 mile hiking trail, bathrooms and picnic shelters. This is the first new park on the lake in 30 years.

A&A provided master planning, permitting and design of a local community park on Smith Mountain Lake. Work included design and permitting of water quality improvements for shoreline protection and providing improved fish habitats around the park. Work also included the master planning of the trail system and beach facilities of the park. This project was funded in part by County, Department of Game and Inland Fisheries, Department of Conservation and Recreation, and Virginia Department of Transportation.

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