

**WVARNG-CFMO  
JFHQ & Camp Dawson  
ADJ1700000004**

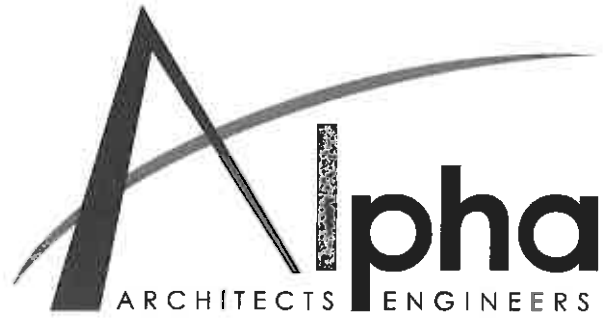
**Engineer Services**

August 31, 2016



08/31/16 09:23:48  
WU Purchasing Division





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August 31, 2016

Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

**Re: CEOI 0603 ADJ1700000004**  
**Redundant Water and Sewage Systems EOI Design Services**

Members of the Selection Committee:

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide the required engineering services for water and sewage systems as needed at the Joint Forces Headquarters located in Charleston and within Camp Dawson in Kingwood. Our staff of skilled professional combined with our experience makes us the perfect design partner for the State on this project.

Throughout our 47 years, Alpha has succeeded in providing planning, permitting, funding, design and construction administration services for several water systems. We have the experience to not only successfully complete your project, but just as importantly, we will guide your project through the engineering and approval process to ensure the necessary approvals are gained and project schedule is maintained. In addition to our experience with water and sewage systems, Alpha has the added benefit of familiarity with the Camp Dawson location. Alpha has partnered with the State on several projects at Camp Dawson, including the Billeting Facilities Redesign.

#### **Project Understanding**

The West Virginia Army National Guard Construction and Facilities Management Office plans to partner with an engineering firm to provide professional engineering design services to develop construction documents to provide for a complete system inventory and vulnerability assessment of the existing infrastructure for water and sewage systems as needed as well as provide a prioritized approach with conceptual costs for redundant water and sewage systems at the Joint Forces Headquarters Complex and Camp Dawson. The approach will be tailored to accommodate each facility's needs and meet current building codes.

- Provide full design services that may include civil, structural, electrical, and mechanical disciplines to assist with the design and construction of fully functional facilities within the proposed budget.
- Preparation of the definitive design including preparation of all preliminary and final working drawings, specifications, detailed cost estimates, bidding and construction schedules, and assistance in surveying analyzing and evaluating bids or proposals for construction.
- Perform review and approval of samples and/or shop drawings, preparation of change orders, and detailed cost estimates, evaluation of supplier's change order proposals and recommendations for negotiation, and preparation of record drawings showing construction work was actually accomplished (as-built drawings). These services also include presiding over the required construction meetings and preparing construction progress and forecast reports.

### **Design Team**

Alpha's team of 25 skilled professionals include architects, civil and structural engineers, landscape architects, surveyors, technicians, interior designers, construction administrators, and administrative support. Our all-inclusive team makes it possible to provide clients the required services from one cohesive design team. Your project will be managed and produced in our Morgantown Office with support from the Martinsburg Offices. The convenient locations of both offices allow us to be at each site within an hour. This is particularly important during the construction phase where changes must be reacted to quickly.

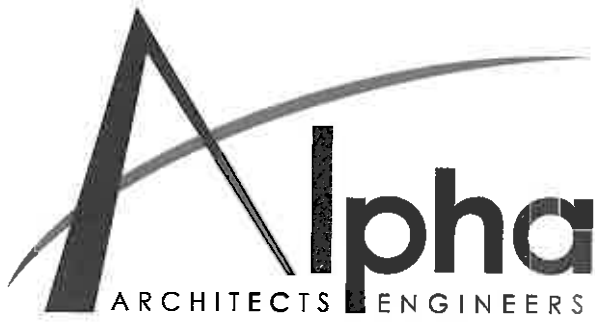
The Alpha Team is looking forward to building upon an already successful relationship with the West Virginia Army National Guard. If you have any questions or require additional information please contact me at (304)296-8216 ext. 102. Thank you for your time and consideration.

Sincerely,

**ALPHA ASSOCIATES, INCORPORATED**

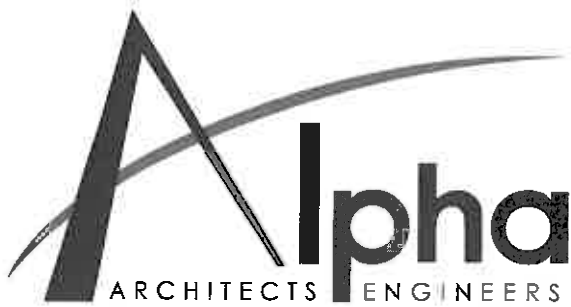


Richard A. Colebank, PE, PS  
President and COO  
rick.colebank@thinkALPHAfirst.com



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**FIRM PROFILE**

## Firm Profile

### FIRM NAME

**Alpha Associates, Incorporated**

### OFFICE LOCATIONS

209 Prairie Avenue  
Morgantown, West Virginia 26501

535 West King Street  
Martinsburg, West Virginia 25401

### INCORPORATED

1969; Morgantown, WV

### FIRM PRINCIPALS

Richard A. Colebank, PE, PS; President and COO  
Richard W. Klein, PE, PS; Chairman and CEO  
Charles B. Luttrell, PE; Principal  
Charles B. Branch, PE; Principal

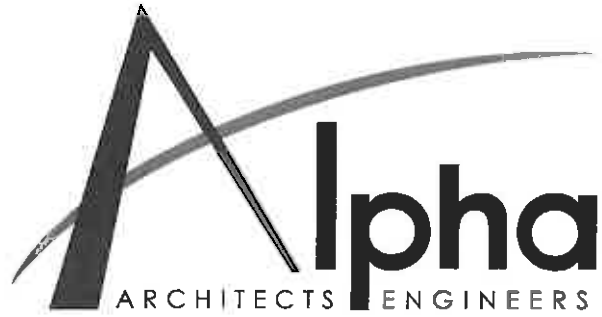
### NUMBER OF EMPLOYEES

25 Employees

### SERVICES

Architectural Design  
Civil Engineering  
Structural Engineering  
Surveying  
Interior Design  
Landscape Architecture  
Construction Administration

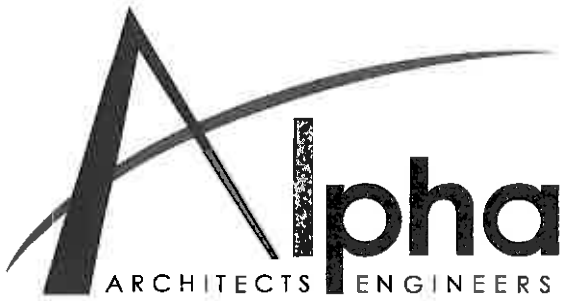
Alpha Associates, Incorporated was established in 1969 and since that time has completed hundreds of projects throughout Morgantown and the state of West Virginia. Alpha's Corporate Office is located in Morgantown with our Eastern Regional Office located in Martinsburg.



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Statement of  
Qualifications



## STATEMENT OF QUALIFICATIONS

Alpha Associates, Incorporated is an Engineering and Architectural firm that provides services in the areas of Civil Engineering, Structural Engineering, Traffic Engineering, Landscape Design, Architectural Design, Interior Design, Construction Administration, Project Management, and Surveying.

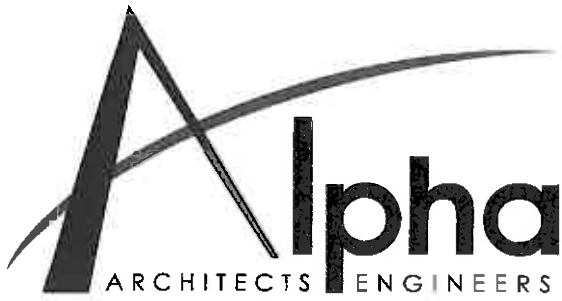
Your project benefits from the unique combination of

- extensive design and construction experience
- advanced technology
- committed principals
- highly-trained staff

Since 1969, Alpha has provided municipal engineering planning and design services to clients such as the Point Marion Borough, Monongalia County Schools, Corporation of Shepherdstown, Harpers Ferry – Bolivar Public Service District, Warm Springs Public Service District, Morgan County Commission, City of Martinsburg Utility Department, Township of Point Marion, PA and the Corporation of Harpers Ferry. Our work is diverse and also includes clients in commercial, educational and governmental facilities, developers and private organizations. Alpha's engineers have recent, relevant project experience in water and sewer design, and this experience enables your project to be completed on time and within budget.

Alpha believes that technology is a tool in which both our clients and our firm can benefit. We strive to remain current with software and communication tools. Our computer-aided drafting stations are constantly being upgraded to provide better quality design and engineering services to our clients making use of AutoCAD 2016, in addition to other Civil and Structural Engineering software for design and drafting.

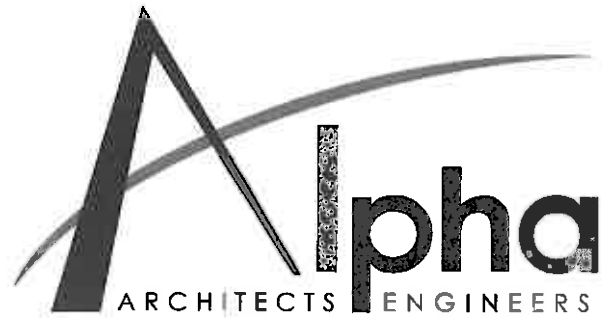




The Project Principal will consistently update you on your project by using effective communication tools to manage the firm and projects. The project principal is involved with the project from the beginning to beyond completion.

Alpha's staff of 25 Engineers, Architects, Surveyors, Technicians and Administrative personnel is large enough to handle any size project, yet small enough to provide the personal detail and supervision to successfully complete your project. Our staff is committed to working with an established project time frame and budget.

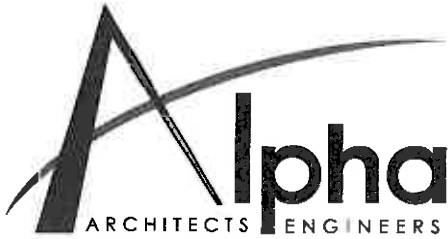
Alpha Associates, Incorporated is a professional organization dedicated to providing superior service to our clients. During our 46 years of experience, we have consistently provided quality projects that exceed the needs of our clients and serve them well throughout the life of the project.



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Funding  
Experience

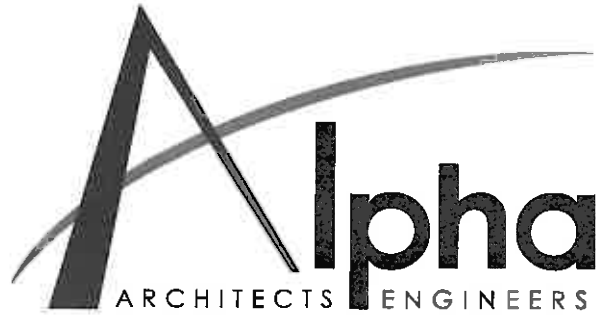


## FUNDING EXPERIENCE

### Funding

Throughout our 47 years of business Alpha Associates, Incorporated has worked with multiple funding agencies on projects, including State and Federal dollars. Our funding experience includes:

- State and Federal ARRA Funds
- West Virginia Infrastructure Loan Program
- HUD Grants and Loans
- West Virginia Economic Development Grants and Loans
- Transportation Enhancement Grants
- Small Cities Block Grants
- Tax Increment Financing
- BIG Grant (Boating Infrastructure Grant)
- USDA Rural Development/Rural Utility Service- Grants and Loans
- ARC
- School Building Authority of West Virginia
- WV DEP Revolving Loan Fund
- WV Bureau of Health Clean Water Loan Fund
- Private Bond Sales



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ALPHA EXPERIENCE

City of Shepherdstown | 1999

## Engineering Case Study

### City of Shepherdstown

Shepherdstown, WV

This project involved the renovation of the main pump station, which included pumps, motors, valves and piping, master meter replacement and electronic control system. It also involved the construction of a new interceptor sewer, the majority of which runs through the campus of Shepherd College. The project was divided into several contracts, with all contracts now completed. The construction cost for the entire project was approximately \$220,000. The contracts required the pumping of the entire flow in the existing interceptor while the pump station was renovated.



#### Project Contact:

**Frank Welch**

**Director – Public Works Department**

**PO Box 248**

**Shepherdstown, WV 25443**

**304-876-3322**

#### At a Glance

CLIENT: City of Shepherdstown

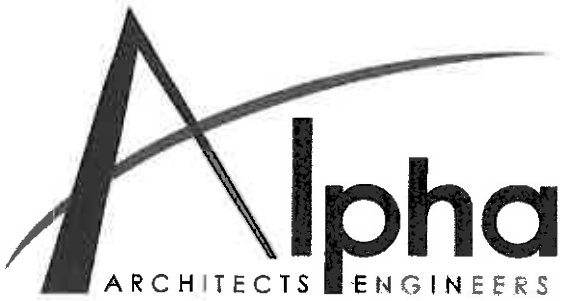
LOCATION: Shepherdstown, WV

COMPLETION DATE: 1999

SIZE: Multiple Projects

CONSTRUCTION COST: \$220,000

think  **Alpha** first.com



## WATER DISTRIBUTION EXPERIENCE

**Point Marion Preliminary Engineering Report** – Alpha prepared a preliminary engineering report for the replacement of approximately 25,000 LF of waterline and related appurtenances, as well as, improvements to the treatment plan and water storage tank.



**Wyoming County Preliminary Engineering Reports** – Alpha prepared a preliminary engineering report for the communities of Coal Mountain, Brenton, Marianna, Green Camp, Wyoming and Grover. The proposed treatment plants, pump stations, water tanks, and distribution system would serve approximately 380 customers. The report consisted of 79,000 LF of 2 – 8" waterline.

**Water Street Waterline Replacement** – The project included 1000 LF of 6" waterline and related appurtenances on Water Street in Point Marion. This project was funded through a Community Development Block Grant.



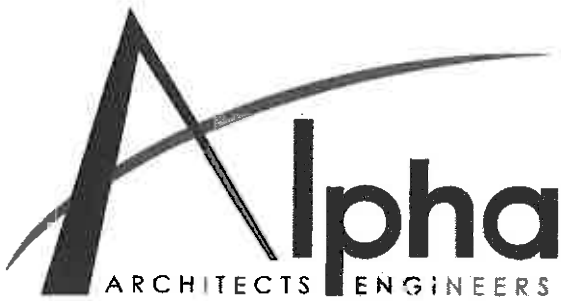
**Berkeley Springs Water Works** – Engineering work included a multi-phased project of improvements to the municipal water system. Contracts 1 and 2 included a 4,000 feet water main extension, renovations to the water booster station and construction of a 200,000 gallon elevated water storage tank. Contracts 3 and 4 included the construction of a 144,000 gallon water storage tank and the installation of a new altitude valve vault.

**Coolfont Ridge Storage Tank** –The project involved a booster station, 10,000 linear feet of sewer line, 28 manholes and 12,000 linear feet of waterline. Another portion of the project involved the planning, design and construction phase services for a 67,000 gallon storage tank.



**Corporation of Harpers Ferry Analysis and Preliminary Engineering Report** – Alpha completed an analysis of the existing Harpers Ferry Water Distribution System and Filtration Plan, and provided a preliminary engineering report. Our services included review of Federal and State water treatment regulations, review of maintenance records and condition of equipment, review of the existing water distribution system with emphasis on the proposed line replacements, and conduct follow up review of the 2009 Sanitary Survey and assess the level of compliance with the recommendations.





**National Conservation Training Center (NCTC)** – This project consisted of extending the Shepherdstown Public Water System to NCTC. The work included the installation of 15,021 LF of 12" main with related gate valves, air release valves and fire hydrants. Although this line generally followed the State highway, a substantial portion of the line was laid in private property adjacent to the road right-of-way. This required numerous easement plats through private property.



**McKee Crossing Subdivision, Phase 1**– This phase of the subdivision includes 130 residential lots. In addition to the water lines within the subdivision itself, this project requires the extension and looping of the Berkeley County PSWD lines. The total Phase 1 water system includes 6,048 LF of 12" water main, 2,791 LF of 8" water main, gate valves, air release valves, fire hydrants and connections to the existing system at two locations. This project was permitted and ready to bid in 2008.

**Morgan County Commission, Water Line Extension to the Tom Seely Furniture Factory** – This project was studied in 2003 by the County Commission to provide the factory with adequate fire protection, as well as to provide domestic water service to numerous residential and commercial customers along the route. The project would have included 7,800 LF of 8" water main, related gate valves and seven fire hydrants. It has not been constructed do to funding. The factory has since drilled a new well and constructed a water tank to provide fire protection.



**Town of Bath** – Project included a 144,000 gallon stand pipe water storage tank and a 200,000 gallon elevated storage tank. Services included site work, access road, piping, fence, and tank design.

**Quail Ridge Subdivision, Section II** – This residential subdivision is located in Jefferson County but is served water by the Berkeley County PSWD. The water system includes approximately 11,700 LF of 6" and 8" mains, related valves and 10 fire hydrants.



**City of Martinsburg, College Avenue Water Line Replacement** – This project consisted of replacing 2" and 3" water main with 6" line. A total of 3,455 LF of 6" pipe was constructed. This project was completed while maintaining service to all existing customers. New lines were laid and tested on a block by block basis and then the customers were disconnected from the old line and connected to the new line. Most of the main line connections were done under pressure.



**ALPHA EXPERIENCE**

**EMDC | 1998**



**Engineering Case Study**

**Eastern Management Development Center**

Shepherdstown, WV

Alpha Associates, Incorporated provided civil engineering and site design services for the Eastern Management Development Center. Alpha's services included preparation of a Conditional Use Permit, planning, design and preparation of Construction Documents for the Access Roads, Parking Lots, Off-Site Water Line, Sanitary Sewer Line and for Storm Sewers and Storm Water Management.

Services also included inspection and test monitoring for all water and sewer line construction, surveying and mapping services.

**Project Contact:**

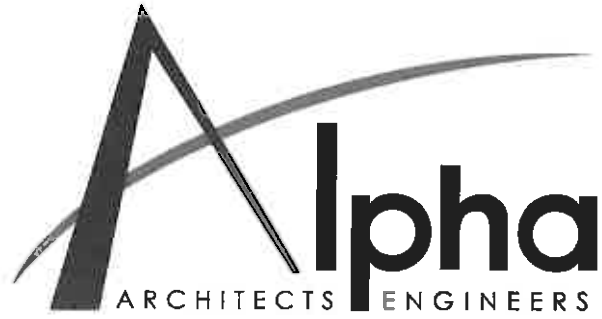
**Mr. Ken Lowe**  
**The Federal Group**  
**233 Lowe Drive**  
**Shepherdstown, WV 25443**  
**304-870-7001**

**At a Glance**

**CLIENT:** Eastern Management Development Center  
**LOCATION:** Shepherdstown, WV  
**COMPLETION DATE:** 1998  
**SIZE:** 2,000 ft. sewer Line  
1,600 ft. water main  
**CONSTRUCTION COST:** Private Client

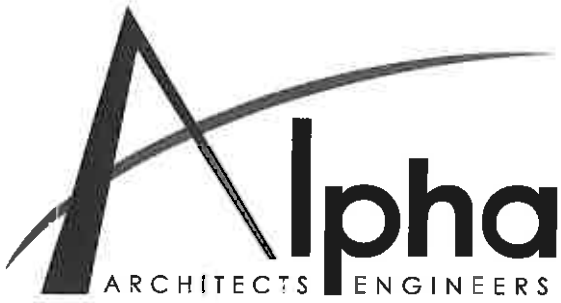






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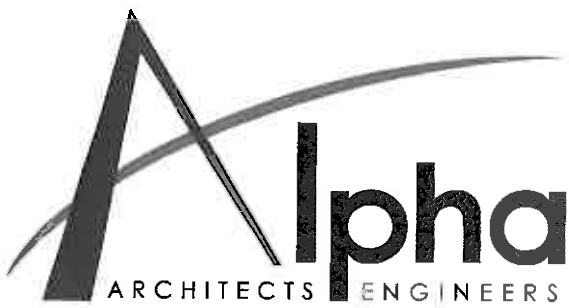
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## KEY PERSONNEL

Below is an organizational chart of the key personnel for this project. In addition to your dedicated Project Team, Alpha's staff of twenty-five (25) includes Engineers, Architects and Administrative Staff, who are available to assist you with any potential project need.





## ALPHA RESUMES

**Richard A. Colebank, PE, PS** | President and COO

### SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. He has been with Alpha Associates, Incorporated since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of the Civil Engineering projects developed at Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day to day operations of the company while continuing to manage projects.

### PROFILE

Broad-based responsibilities in the following areas:

- Project Management
- Business Operations and Financial Management
- Quality Assurance/Quality Control
- Civil Engineering Project Management and Design
- New Business Development
- Expert Testimony and Investigation

### PROFESSIONAL HIGHLIGHTS

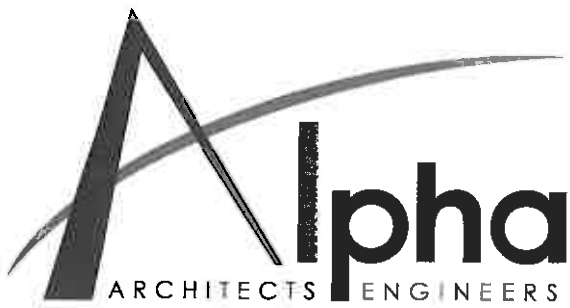
#### Project Manager:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prisons Hazelton Medium Security Prison
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- North Fork Hughes River Recreation Facilities; Ritchie County, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- West Virginia State Office Building; Clarksburg, WV
- WVU College of Physical Education and Sports Science/Student Health Center; Morgantown, WV

#### Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract
- West Virginia Division of Highways Open End Contract
- National Energy Technology Laboratories Open End Contract
- West Virginia University Open End Contract
- United States Postal Service Open End Contract





## ALPHA RESUMES

**Richard A. Colebank, PE, PS** | President and COO

### EMPLOYMENT HISTORY

1985 – Current    Alpha Associates, Incorporated  
 1983-1985        Charles Townes and Associates, P.C.  
 1983                US Army Corps of Engineers

### EDUCATION

West Virginia University  
 Masters of Business Administration; 1999  
 Bachelor - Civil Engineering; 1982

### QUALIFICATIONS

- **License:** Professional Engineer: West Virginia, Maryland, Pennsylvania, Virginia
- Professional Surveyor: West Virginia
- Certified Private Pilot

### AFFILIATIONS

- Former NSPE/PEPP Governor of WV
- American Red Cross - Regional Chairman
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- WVU College of Civil and Environmental Engineering Visiting Committee
- WVU College of Business and Economics MBA Advisory Committee

Contact

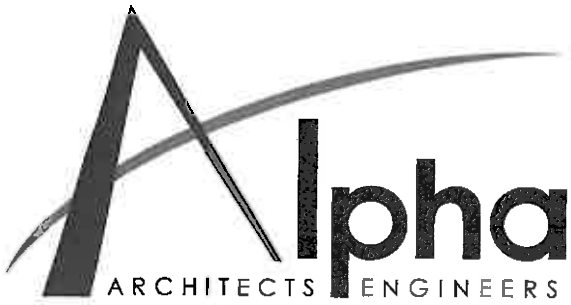
Richard A. Colebank

304.296.8216

800.640.8216

[rick.colebank@thinkalphafirst.com](mailto:rick.colebank@thinkalphafirst.com)

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## ALPHA RESUMES

### SUMMARY

Mr. Klein, in addition to Chairman and CEO, serves as Regional Manager and Civil Engineer of our Martinsburg Office. He has more than 40 years of experience in Civil Engineering Design, Construction Phase Services, Project Management and Operations Management. During the past 26 years, Mr. Klein worked on numerous projects in the Eastern Panhandle serving clients such as the Cities of Martinsburg, Shepherdstown, Harper's Ferry, Charles Town and Berkeley Springs; Public Service Districts In Berkeley, Jefferson, and Morgan Counties; industries such as Winchester and Western Railroad, Halltown Paperboard, Millville Quarry, ESSROC and major developments including Liberty Business Park, Coast Guard Operations Systems Center and the Eastern Management Development Center.

**Richard W. Klein, PE, PS** | Chairman and CEO

### PROFILE

Broad-based responsibilities in the following areas:

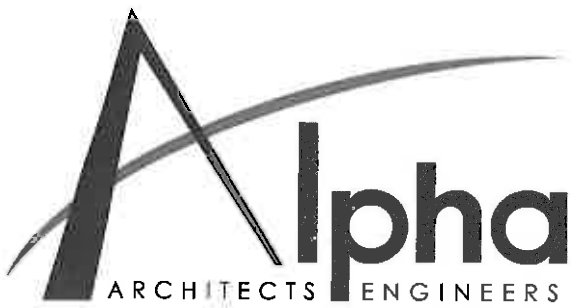
- Municipal Engineering
- Site Planning
- Storm Water Management
- Water Distribution Systems
- Waste Water Collection and Treatment
- New Business Development

### PROFESSIONAL HIGHLIGHTS

#### Civil Engineering Projects:

- Shepherd University Pedestrian Underpass; Shepherdstown, WV
- Washington High School; Charles Town, WV
- Harpers Ferry/Bolivar PSD Design Improvements
- Bradstone-Shenandoah Casting Plant Site Plan
- TB&H Ready-Mix Concrete Plant Site Design
- The Woods Home Owners Association Water System Analysis
- Shepherd College Interceptor Sewer; Shepherdstown, WV
- Martinsburg Roundhouse Site Design; Martinsburg, WV
- Cumberland Valley Railroad Depot; Martinsburg, WV
- Halltown Paperboard Company, Wastewater Treatment Plant
- Corp. of Shepherdstown, Renovation of Main Sewage Pump Station
- Martinsburg Little League Fields, Martinsburg, WV
- Berkeley Co. Court House, Parking Lots and Storm Water Management
- Berkeley Springs Water Storage Tank/ Mainline Extension
- United States Coast Guard Parking Lots and Guard House
- Swift Transportation Truck Depot Site Plan
- Eastern Management Development Center; Shepherdstown, WV
- Berkeley Springs Water System Improvements Phase 1, 2, and 3
- Rt. 522 South, Water and Sewer System Extensions; Morgan County
- Colonial Hills Subdivision; Jefferson County, WV
- Quail Ridge Subdivision; Berkeley County, WV





## ALPHA RESUMES

**Richard W. Klein, PE, PS** | Chairman and CEO

### EMPLOYMENT HISTORY

1995 - Current    Alpha Associates, Incorporated  
1974-1995        Kelley, Gidley, Blair and Wolfe, Incorporated

### EDUCATION

University of Charleston  
Masters of Business Administration; 1987  
West Virginia Institute of Technology  
Bachelor of Science - Civil Engineering; 1973

### QUALIFICATIONS

• **License:** Professional Engineer: West Virginia, Maryland, South Carolina  
Professional Surveyor: West Virginia

### AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers
- American Society of Civil Engineers
- American Water Works Association
- Water Pollution Control Federation
- Main Street Martinsburg, Member
- Berkeley County Historical Association, Member
- Shepherdstown Rotary Club

Contact

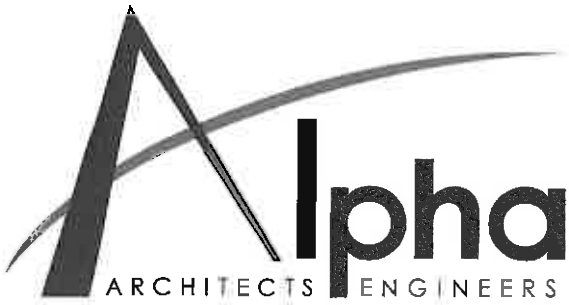
Richard W. Klein

304.264-0051

877-264-0051

[richard.klein@thinkalphafirst.com](mailto:richard.klein@thinkalphafirst.com)

think  first.com



## ALPHA RESUMES

**Charles Branch, PE** | Principal, Civil Engineer

### SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch is a vital part of the design process at Alpha. His involvement spans from strictly civil engineering projects, to the design of large scale educational projects and medical facilities. Mr. Branch acts as peer review for young engineers in the firm on issues ranging from storm water management to site design. Mr. Branch is also involved in commercial and residential development design, roadway and bridge design and utilities layout.

### PROFILE

Broad-based responsibilities in the following areas:

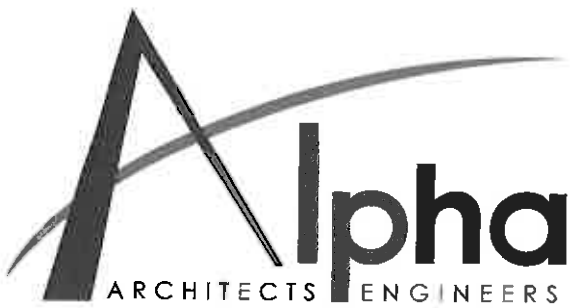
- Highway Design
- Municipal Engineering
- Wastewater Collection
- Storm Sewer System Design
- Storm Water Management
- Site Engineering
- Project Management

### PROFESSIONAL HIGHLIGHTS

#### Civil Engineer/Project Manager:

- WVU Parking Lot 81 Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Alumni Center Storm Water Management; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV
- Blackshere Bridge; Mannington, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV
- Fairmont Federal Credit Union; Bridgeport, WV





## ALPHA RESUMES

**Charles Branch, PE** | Principal, Civil Engineer

### EMPLOYMENT HISTORY

1992 – Current    Alpha Associates, Incorporated  
1988-1992        Reimer, Muegge, & Associates, Inc.

### EDUCATION

West Virginia University  
Bachelor - Civil Engineering; 2000  
Fairmont State College  
Bachelor Architectural Engineering Technology; 1988

### QUALIFICATIONS

- **License:** Professional Engineer: West Virginia

### AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers

think  first.com

Contact

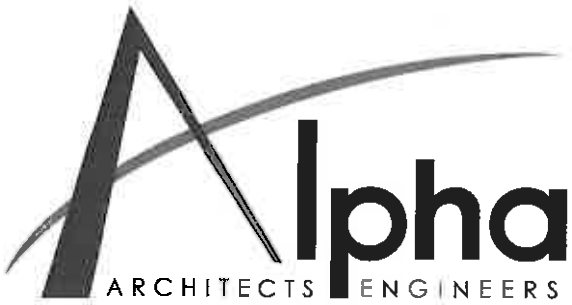
Charles B. Branch

304.296.8216

800.640.8216

[chuck.branch@thinkalphafirst.com](mailto:chuck.branch@thinkalphafirst.com)





## ALPHA RESUMES

**Bradley Casdorff, PE, PS** | Civil Engineer

### SUMMARY

Mr. Casdorff joined the Alpha Associates, Incorporated team in 2004 and currently works as a project engineer in the Morgantown office. He has 36 years of professional experience with roadway design, storm sewer design, airport airside renovation and design, storm water management including conveyance and detention, environmental permitting, project administration supervision and inspection, as well as boundary and construction surveying.

### PROFILE

Broad-based responsibilities in the following areas:

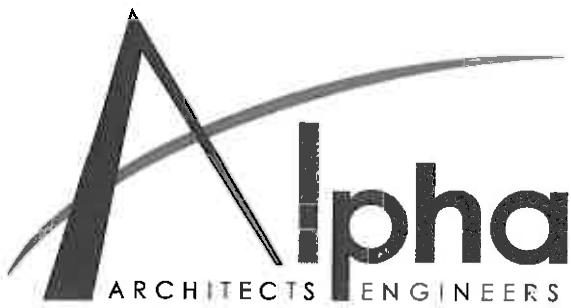
- Airport Planning and Design
- Highway Design
- Hydraulic and Hydrology Studies
- Site Plan Development
- Land Surveying

### PROFESSIONAL HIGHLIGHTS

#### Civil Engineering:

- Platinum Properties - Waterfront Conference Center; Morgantown, WV
- Hart Field - Runway Safety Area; Morgantown, WV
- Hart Field - Ramp Renovation and Deicing Facility; Morgantown, WV
- Hart Field - Signage and Lighting; Morgantown, WV
- Hart Field - Airport Certification Manual; Morgantown, WV
- Hart Field - Air Rescue and Fire Fighting Vehicle Procurement, WV
- WVU - Lot 81 Parking Area Improvements; Morgantown, WV
- WVU Animal Facilities Annex, Engineering Retrofit; Morgantown, WV
- McKee Crossing - 120 Acre Subdivision; Martinsburg, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Davisson Estates - 60 Acre Subdivision; Morgantown, WV
- Mon General Hospital - East Parking Area; Morgantown, WV
- Applebee's Restaurant, Site Plan; Morgantown, WV
- WVU CPASS/Student Health; Morgantown, WV
- WVU Research Park- 100 Acre ALTA/ACSM Survey; Morgantown, WV
- WVU Museum; Morgantown, WV





## ALPHA RESUMES

**Bradley Casdorff, PE, PS** | Civil Engineer

### EMPLOYMENT HISTORY

2004 – Current    Alpha Associates, Incorporated  
1979-2004        Triad Engineering, Incorporated

### EDUCATION

West Virginia University  
Bachelor - Civil Engineering; 1979

### QUALIFICATIONS

- **License:** Professional Engineer: West Virginia  
Professional Surveyor: West Virginia  
Certified Private Pilot

### AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers
- WVSPS - Mountain Regional Chapter; President
- Aircraft Owners and Pilots Association; Member

Contact

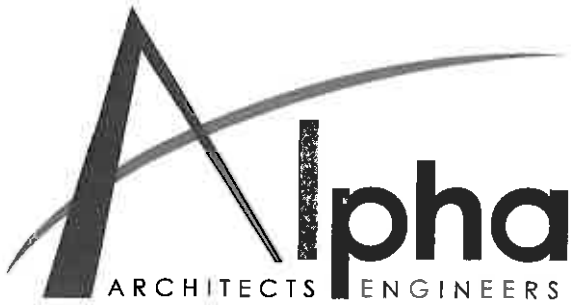
Bradley Casdorff

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800.640.8216

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**ALPHA RESUMES**

**Ryan P. Perks, PE** | Civil Engineer, Associate

**SUMMARY**

Mr. Perks is an Associate and Civil Engineer in Alpha's Eastern Regional Office in Martinsburg. His broad based experience is in highway design, storm drainage design, storm water management design, general site engineering, environmental permitting, and construction administration services.

**PROFILE**

Broad-based responsibilities in the following areas:

- Highway Design
- Municipal Engineering
- Storm Water Management
- Site Engineering
- Waste Water Collection and Treatment

**PROFESSIONAL HIGHLIGHTS**

**Civil Engineering Projects:**

- Winchester & Western Railroad Spur Plan
- Martinsburg Wastewater Treatment Plant Upgrade Site Improvements
- Milville Quarry Federal Hill Berm & Blair Road Berm Plans
- Milville Quarry Campbell Property Permit Modification
- Martinsburg Little League Field Improvements
- D & N Properties Commercial Building Parking Improvements
- Tollhouse Woods Subdivision
- Berkeley County Judicial Center Site Plan, Phase I and II
- Jefferson Security Bank Site Plan
- Westview Baptist Church Site Plan
- TB&H Ready Mix Concrete Plant Site Plan
- Auburndale Subdivision
- Swift Transportation Truck Depot Site Plan
- Colonial Hills Subdivision; Jefferson County, WV
- Quail Ridge Subdivision; Berkeley County, WV

**EMPLOYMENT HISTORY**

2002 - Current    Alpha Associates, Incorporated

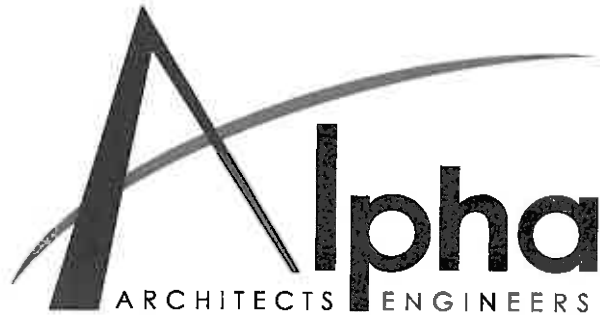
**EDUCATION**

West Virginia University  
Bachelor - Civil Engineering; 2001

**QUALIFICATIONS**

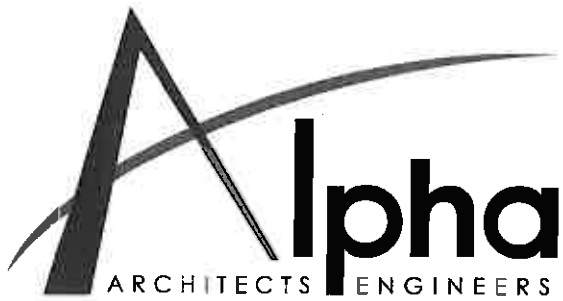
- **License:** Professional Engineer: West Virginia





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## CLIENT REFERENCES

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**West Virginia Division of Highways**  
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**Mon County Development Authority**  
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Morgantown, WV 26507  
304-296-6684

**Steve Knipe, Director of Utilities**  
**City of Martinsburg**  
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Martinsburg, WV 25401  
304-264-2116

**Russ Lorince**  
**Formerly w/WVU Research Corporation**  
616 Vista Place  
Morgantown, WV 26505  
304-293-4806

**Jimmy Williams, General Manager**  
**Harpers Ferry – Bolivar PSD**  
P.O. Box 235  
Harpers Ferry, WV 25425  
304-535-2390

*"Alpha Associates, Incorporated has been a valued business affiliate for many years and I would like to take this opportunity to express my appreciation for their outstanding service and professionalism, and the excellence in the designs of the numerous projects on which we have collaborated."*

Ken Lowe, Jr.  
Owner/President  
Ken Lowe Management Company  
Managing Partner  
Murall Limited Partnership  
Alpha Client since 1995

*"The staff at Alpha has always been responsive to our needs and expectations. It would be without any hesitation that we would recommend Alpha for an engagement at your respective organization."*

Steve Mariner  
Vice President  
Mon Health System