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## Header @ 1

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[General Information](#) [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 966904

SO Doc Code: CEOI

Procurement Type: Central Contract - Fixed Amt

SO Dept: 0310

Vendor ID: 000000201753

SO Doc ID: DNR2200000006

Legal Name: ALPHA ASSOCIATES INC

Published Date: 12/14/21

Alias/DBA:

Close Date: 12/21/21

Total Bid: \$0.00

Close Time: 13:30

Response Date: 12/10/2021

Status: Closed

Response Time: 10:55

Solicitation Description: A/E Services- Plum Orchard WMA New Headquarters

Responded By User ID: JStemple

Total of Header Attachments: 1

First Name: Joanna

Total of All Attachments: 1

Last Name: Stemple

Email: joanna.stemple@thinkalphafi

Phone: 3042968216





Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

State of West Virginia  
Solicitation Response

**Proc Folder:** 966904  
**Solicitation Description:** A/E Services- Plum Orchard WMA New Headquarters  
**Proc Type:** Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2021-12-21 13:30	SR 0310 ESR12102100000003572	1

**VENDOR**  
000000201753  
ALPHA ASSOCIATES INC

**Solicitation Number:** CEOI 0310 DNR2200000006  
**Total Bid:** 0  
**Response Date:** 2021-12-10  
**Response Time:** 10:55:18  
**Comments:**

**FOR INFORMATION CONTACT THE BUYER**  
Joseph E Hager III  
(304) 558-2306  
joseph.e.hageriii@wv.gov

**Vendor Signature X** **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments:

Extended Description:

Architectural/engineering services and contract administration for the Plum Orchard WMA New Headquarters.



**ARCHITECTURAL/ENGINEERING SERVICES  
PLUM ORCHARD WILDLIFE  
MANAGEMENT AREA  
DESIGN OF HEADQUARTERS AND  
EQUIPMENT STORAGE FACILITIES  
CEOI 0211 DNR2200000006**

Public Notice Date: November 16, 2021  
Submission Date: December 15, 2021



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CONTACT

Address

Richard Colebank, President & COO  
Alpha Associates, Incorporated  
209 Prairie Ave.  
Morgantown, WV 26501

Phone & Fax

Phone: 304-296-8216  
Fax: 304-296-8216

Online

Email: [rick.colebank@thinkALPHAfirst.com](mailto:rick.colebank@thinkALPHAfirst.com)

Website: [www.thinkALPHAfirst.com](http://www.thinkALPHAfirst.com)



Department of Administration  
Purchasing Division  
2019 Washington Street East  
Post Office Box 50130  
Charleston, WV 25305-0130

State of West Virginia  
Centralized Expression of Interest  
Architect/Engr

<b>Proc Folder:</b> 966904			<b>Reason for Modification:</b>
<b>Doc Description:</b> A/E Services- Plum Orchard WMA New Headquarters			
<b>Proc Type:</b> Central Contract - Fixed Amt			
<b>Date Issued</b>	<b>Solicitation Closes</b>	<b>Solicitation No</b>	<b>Version</b>
2021-11-16	2021-12-15 13:30	CEOI 0310 DNR2200000006	1

**BID RECEIVING LOCATION**

BID CLERK  
DEPARTMENT OF ADMINISTRATION  
PURCHASING DIVISION  
2019 WASHINGTON ST E  
CHARLESTON WV 25305  
US

**VENDOR**

**Vendor Customer Code:**

**Vendor Name :** Alpha Associates, Incorporated  
**Address :** 209 Prairie Ave.  
**Street :**  
**City :** Morgantown  
**State :** West Virginia **Country :** USA **Zip :** 26501  
**Principal Contact :** Richard A. Colebank, President & COO  
**Vendor Contact Phone:** 304-296-8216 **Extension:** 102

**FOR INFORMATION CONTACT THE BUYER**

James H Adkins  
(304) 558-3397  
jamie.h.adkins@wv.gov

**Vendor Signature X**  **FEIN#** 550516286

**DATE** 12/9/21

All offers subject to all terms and conditions contained in this solicitation

West Virginia Ethics Commission  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Alpha Associates, Inc. Address: 209 Prairie Ave  
Morgantown, WV 26501

Name of Authorized Agent: Richard A. Colebank Address: \_\_\_\_\_

Contract Number: CEOI 0310 DNR 2200000006 Contract Description: Plum Orchard HQ

Governmental agency awarding contract: West Virginia Division of Natural Resources

☒ Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (*attach additional pages if necessary*):

**1. Subcontractors or other entities performing work or service under the Contract**

☐ Check here if none, otherwise list entity/individual names below.  
Miller Engineering

**2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**


☐ Check here if none, otherwise list entity/individual names below.

Richard A. Colebank

Richard W. Klein

**3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**

☒ Check here if none, otherwise list entity/individual names below.

Signature: 

Date Signed: 12/10/21

**Notary Verification**

State of West Virginia, County of Monongalia:

I, Richard A. Colebank, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 10 day of December, 21.

Joanna B Stempel  
Notary Public's Signature

**To be completed by State Agency:**

Date Received by State Agency: \_\_\_\_\_

Date submitted to Ethics Commission: \_\_\_\_\_

Governmental agency submitting Disclosure: \_\_\_\_\_



8, 2018

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

**DEFINITIONS:**

**"Debt"** means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Alpha Associates, Inc.

Authorized Signature: [Signature] Date: 12/10/21

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 11 day of December, 2021.

My Commission expires September 25, 2025.

**AFFIX SEAL HERE**



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

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December 15, 2021

Purchasing Division  
2019 Washington St. E.  
Charleston, WV 25305

Attn: James H. Adkins

**RE: CEOI 0310 DNR2200000006 A/E Services – Plum Orchard WMA New Headquarters**

Dear Mr. Adkins,

Alpha Associates, Incorporated is pleased to submit our qualifications to provide architectural and engineering services to design, specify and provided contract administration services for the construction of the proposed Plum Orchard Wildlife Management Area New headquarters in Fayette County, WV. Alpha's past experience, and our existing relationship with the State of West Virginia including the WVDNR make us a perfect teaming partner for the State on this project.

Since 1969, Alpha has partnered with numerous Federal, State, and local governments to provide architectural and engineering services for projects around West Virginia, including numerous projects for the State of West Virginia including the WVDNR. In 2011, Alpha completed renovations to the Hawks Nest CCC Museum and Pavilion as well as structural repairs to Water Smith State Park. All work was completed in compliance with the Preservation Alliance of West Virginia. Alpha has the advantage of having Architecture, Civil and Structural Engineering under one roof. In this proposal you will find examples of projects that showcase our experience.

### **Design Team**

Alpha is a West Virginia owned and operated architectural and engineering design firm with locations in Morgantown, and Martinsburg. Our 21-person professional staff includes architects, civil and structural engineers, surveyors, cost estimators, construction representatives, landscape designers, interior designers, and technicians. The personnel that will be dedicated to your project are highly qualified professionals and support staff with the technical expertise to meet and exceed expectations of this project. This project will be managed from Alpha's Corporate Office located in Morgantown, West Virginia.

### **Project Understanding**

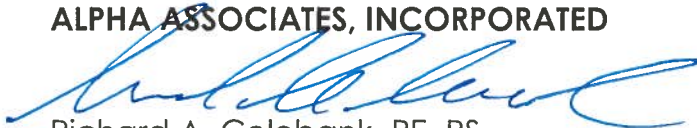
The WVDNR is looking to partner with an engineering firm that can provide the required architectural and engineering design services for the construction of headquarters facilities at WMA. These facilities may include offices, sleeping/living quarters, equipment storage, and maintenance areas. If selected, the Alpha team will review existing plans and conditions and work with the owner to determine a plan that will minimize disruption to concurrent operation of the state parks and provide all necessary services to design the facilities in a manner that is consistent with the DNR's needs and objectives, current law, and current codes. In addition, the Alpha team will provide construction contract administration services.

### **Summary**

The Alpha Team is looking forward to continuing a successful relationship with the WV DNR and the State of West Virginia by providing excellent service at affordable costs and surpasses every expectation. We will work closely with the State to meet the needs of the project and the community for decades to come. We will work side by side with the WVDNR to ensure the projects are completed in a timely, cost-effective manner with minimal complications or interruptions. We look forward to further discussing our qualifications with you in a formal interview. If you have any questions, please contact me at (304)296-8216 ext. 102.

Sincerely,

**ALPHA ASSOCIATES, INCORPORATED**



Richard A. Colebank, PE, PS  
President and COO

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

# WELCOME TO ALPHA ASSOCIATES, INC.

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## FIRM PROFILE

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### **Contract Role: Prime**

Architect & Engineer

### **Address**

209 Prairie Ave  
Morgantown, West Virginia 26501

535 West King Street  
Martinsburg, West Virginia 25401

### **Number of Employees**

21

### **Principals**

Richard A. Colebank, PE, PS; President & COO  
Richard W. Klein, PE, PS; Chairman & CEO  
Charles B. Luttrell, PE; Senior Principal  
Charles B. Branch, PE; Senior Principal  
Matthew T. Echard, PE; Principal

### **Services**

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



## Firm Profile

*MILLER ENGINEERING is a solely held (S) corporation owned by Craig Miller PE, President. The corporation maintains a Certificate of Authority with the WV State PE Board and has carried professional liability insurance since its inception. Neither the firm nor its professional engineers have ever faced disciplinary action in any form from the states in which they are registered.*

*Our engineered solutions involve a detailed assessment process: investigation, observation, communication with stakeholders, system analysis, building modeling and engagement from our entire team. We approach each and every project with this process and the guiding principle that buildings are designed to be livable and function in their intended purpose.*

*Over the past 14 years Miller Engineering, Inc. (MEI) has engineered solutions for over \$23.2M in MEP system upgrades, repairs and renovations for projects of all scopes and sizes, with clients ranging from private owners to local and state governments. With a strict attention to detail and commitment to delivering a job done well and done right the first time, every time, **MEI has accumulated a change order percentage of less than 0.1% over the past 8 years.***

*Our team has unique skill-sets regarding engineered renovation solutions. Each member of the team has hands-on mechanical system experience including installation, construction, design and maintenance.*

*Miller Engineering takes pride in being **different by design**, and that difference shines through in all phases of our work and continued relationships with our clients.*

- Experienced and Licensed Professional Engineers
- Quality, Value-Engineered Project Delivery
- Qualified Construction Representative on Staff
  - LEED-AP Certified
- Below Industry Change Order Status
  - Building Information Modeling
  - Emergency Facility Response

## Engineering Design and Consultation

- Mechanical
- Electrical
- Plumbing
- HVAC Design
- Renovation
- New Construction
- Building Information Modeling

## Aquatic Facility Design

Public Pools & Areas  
ADA Compliance  
Indoor & Outdoor (air flow)  
Chlorination/Filtration

## Construction Administration

Maintenance/Facility Improvement Plans  
Contract Administration  
Code Observation

## Communication System

Intercomm & Public  
Address/Voice/Data/CATV  
Urgent Response

## Energy

Power Supply (main & backup)  
Green & Renewable Consulting  
Systems Utilization & Upgrades  
Sustainable Solutions

## Facility Utilization

Systems Assessment & Solutions  
Adaptive Re-use  
Planning/Life-Cycle Control  
Engineered Replacement

## Life Safety Inspection/Design

Fire Protection & Alarm Systems  
Access Control  
Fire & Electrical Investigation

## Industry Experience

Education  
Local & State Government  
Commercial Development  
Healthcare



# STATEMENT OF QUALIFICATIONS.

Alpha Associates, Incorporated is a West Virginia-based architectural and engineering design firm that provides services in the areas of architectural design, interior design, construction administration, civil engineering, structural engineering, landscape design, project management, and surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technological tools, dedicated principals and highly skilled staff members.

Since 1969, Alpha has had provided architectural and engineering design services for clients throughout the state of West Virginia. We have also designed several recreation projects and managed them through construction. Our work is diverse and includes clients in commercial, educational and governmental facilities, developers and private organizations. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar park development.

Alpha has the knowledge and understanding in design and construction to complete this project seamlessly from the initial project inspections to the development of plans. The Alpha team will be your expert for this project.

Alpha's philosophy has always been to provide exemplary services for fair fees. We have always believed that the best way to succeed as a business is to go above and beyond the basic requirements of our contracts and do everything necessary to successfully complete the given project. What is best for the client is inevitably best for us too.

Everyone at Alpha, from the President to the administrative staff, all work towards the goal of completing successful projects. Our principals are involved with projects from the earliest stages right through final completion and beyond. They will consistently update you on your project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of twenty two (22) architects, engineers, surveyors and administrative personnel all work diligently towards producing drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for over 50 years because we are a professional organization dedicated to providing superior architectural and engineering design services to our clients. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the individual attention to detail that will make them successful projects for our clients.

**THINK ALPHA FIRST.**



# STAFF PLANNING.

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## TO BE ASSIGNED TO YOUR PROJECT.

All work to be performed for the West Virginia Division of Natural Resources will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, technicians, and support staff that are available to assist with any potential project need. Included in the Alpha team will be Miller Engineering who will provide any MEP services required.



Richard A. Colebank, PE, PS  
President & COO  
Project Principal



Charles Branch, PE  
Senior Principal  
Project Engineer



Rebecca Key, AIA, LEED-AP  
Director of Architecture  
Project Architect



Casey Smith, AIA Associate  
Architectural Designer



Charles Luttrell  
Senior Principal  
Structural Engineer



B. Craig Miller, PE  
President  
Miller Engineering



Travis Taylor, PE  
Lead MEP Engineer  
Miller Engineering



Joseph Machnik  
MEP Designer  
Miller Engineering



Eyad Alhalabi  
Junior Engineer  
Miller Engineering

# MEET THE ALPHA TEAM.

## MANAGERS

Richard W. Klein  
PE, PS  
Chairman & CEO

Richard A. Colebank  
PE, PS  
President & COO

## ARCHITECTURE

Rebecca Key  
AIA-LEED-AP  
Director of  
Architecture

Casey Smith  
AIA Assoc.  
Architectural Designer

Todd Lewis  
AIA Assoc.  
Architectural Technician

Alex Hail  
Construction  
Administration

## CIVIL ENGINEERING

Charles Branch  
PE; Senior Principal  
Senior Civil Engineer

Bradley Casdorph  
PE, PS  
Civil Engineer

Tom Simpson  
PE  
Civil Engineer

David Costello Jr.  
PS  
Manager of Surveying

Julie Frazee  
Engineering Technician

Terry Higgins  
Field Representative

Kevin McClung  
Engineering Technician

Barbara Kerns  
Survey Crew

Tyler Collins  
Survey Crew

## STRUCTURAL ENGINEERING

Charles Luttrell  
PE, Senior Principal  
Senior Structural Engineer

Matthew Echard  
PE, Principal  
Structural Engineer

Cody Antoon  
Engineering Technician

## OFFICE ADMINISTRATION

Heather Fox  
Business Manager

Joanna Stemple  
Marketing Coordinator

Kim Coomler  
Administrative Assistant

## MECHANICAL, ELECTRICAL ENGINEERING

Craig Miller  
PE  
Mechanical Engineer

Travis Taylor  
PE  
Mechanical Engineer

Jospeh Machnik  
MEP Designer

Eyad Alhalabi  
Junior Engineer



# SCHEDULE AND BUDGET.

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Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many A/E firms can claim the same successes, but the determining factor is the tools the firms utilize to achieve the budgets, both in regard to funds and time. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

A project schedule is a dynamic, ever changing entity. Your project schedule depends on many factors including:

- Preferred construction method
- Changes to project scope
- Unique construction elements

The Alpha Team has an excellent track record of meeting project deadlines. Alpha recently completed construction on a project in Morgantown that went from design to completion in just over 12 months. This project was completed for a private developer and had a construction cost in excess of \$20 million.

Successful project management depends upon consensus regarding work efforts, milestones and goals. The team has found the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations about efforts required by the respective disciplines. In addition to guiding the efforts of the design team, The work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiated, available fee, and prior experiences on similar projects. Once the design process begins, a very detailed, realistic project schedule can be developed and communicated to all involved.

In a world where "time is money", the schedule of a project is almost as important as controlling the cost. Alpha works diligently to control the budget of a project. The best way to control the cost of a project is to avoid the "scope creep" that can occur.

Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the client with the most accurate estimates early in the design process. The Alpha estimators begin at the schematic design phase of the project and develop a line item estimate of probable construction costs that can be carried through each of the project phases. At each phase the project estimate is updated to include a more detailed estimate in order that the accuracy can be enhanced. During these updated estimates, specific increases or decreases can be identified allowing the owner to make informed decisions moving forward on important budget issues for the project.

Many projects employ the use of alternatives to control the budget through obtaining actual contractor pricing during the bid process. This allows flexibility for the owner in determining the costs of portions of the project that may be optional and critical for budget control.

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# CAPACITY AND SOFTWARE.

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## OUR CAPABILITIES

Alpha Associates, Incorporated is prepared to commit staff and resources to the West Virginia Division of Natural Resources. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of this project. We are confident in our ability to provide the WVDNR with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of the State by committing any resources necessary to meet the project schedule.

## USING THE LATEST SOFTWARE

The project team incorporates the latest computer and software capabilities required to complete the working drawings and specifications for this project. Our cost accounting system is top-of-the-line and we have the ability to differentiate fees according to task. We have secure e-mail and internet capability to allow efficient transfer of information between Alpha and the client. We currently have the latest editions of the following software:

- AutoCAD 22
  - REVIT (Editions up to 2022)
  - Civil 3D
  - RISA 3D
  - RISA Floor
  - RISA Foundation
  - MathCAD
  - DJI Phantom 4 RTK Drone
  - Autodesk Suite
  - Enercalc
  - AutoTURN
  - TopCon GR5 GPS System
  - TopCon Total Station with Reflectorless Capabilities
  - Carlson Surveyor & Data Collector
-



# RICHARD A. COLEBANK

## PE,PS; PRESIDENT & COO

☎ 304-296-8216 | 800-640-8216

✉ rick.colebank@thinkalphafirst.com

### EMPLOYMENT HISTORY

1985-Current | Alpha Associates, Inc.

1983-1985 | Charles Townes & 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- State Board

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

### SUMMARY

Mr. Colebank is President and Chief Operating Officer at Alpha. He has been with Alpha Associates, Inc. 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 by 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 Principal:

- Morgantown Municipal Airport Access Road; Morgantown, WV
- Mon General Access Road; Morgantown, WV
- WVU Reedsville Farm Redevelopment; Reedsville, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, WV
- WV State Office Building; Parkersburg, WV
- College of Physical Activity & Sports Science; Morgantown, WV
- WVDOH Open End Engineering Contract; WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- Clarksburg State Office Building; Clarksburg, WV
- Jane Lew Truck Stop; Jane Lew, WV
- Grant County Bank Addition & Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV



## EMPLOYMENT HISTORY

1992-Current | Alpha Associates, Inc.

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

# CHARLES B. BRANCH

## PE; SENIOR PRINCIPAL & CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ chuck.branch@thinkalphafirst.com

## 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:

- Jane Lew Truck Stop; Jane Lew, WV
- Clarksburg State Office Building; Clarksburg, WV
- WVU Reedsville Farm Redevelopment; Morgantown, WV
- Freedom Automotive Group Dealerships; Morgantown, WV
- Freedom Kia; Clarksburg, WV
- 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 Health Sciences Center Eastern Division; Martinsburg, WV
- WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- WV Medal of Honor Recipients Plaza; Hazleton, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV
- Fairmont Federal Credit Union; Bridgeport, WV
- Queen St Underpass; Martinsburg, WV
- Martinsburg Little League Fields; Martinsburg, WV



# REBECCA KEY

## AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

☎ 304-296-8216 | 800-640-8216

✉ rebecca.key@thinkalphafirst.com

### EMPLOYMENT HISTORY

2000-Current | Alpha Associates, Inc.

1983-1999 | Alexander Key and Associates

1978-1983 | Webster Clothes;  
Director of Store Planning

### EDUCATION

University of Maryland  
Bachelor of Architecture; 1977

Maryland Institute College of Art  
Coursework in Furniture Design; 1986-1987

### QUALIFICATIONS

License: Registered Architect: Maryland,  
New York, Pennsylvania, Virginia,  
Washington DC, West Virginia

NCIDQ Certified (Interior Design)

Leadership in Energy and Environmental  
Design Accredited Professional

Meet Standards of Secretary of the  
Interior for Historic Architecture

### AFFILIATIONS

American Institute of Architects

West Virginia Society of Architects

Fairmont, WV ICC Board of Appeal;  
Board Member

U.S. Green Building Council

AIA Liveable Communities

Marion County Chamber of Commerce

Leadership Kanawha Valley  
Class of 2014

### SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She serves as Project Architect/Project Manager for numerous architectural projects at Alpha Associates, Inc. Ms. Key is involved from the programmatic stages and schematic designs all the way through construction documents to construction administration. Having been with Alpha since 2000, Ms. Key has provided design services on numerous projects that have contributed to the ever-growing skyline of Morgantown, Charleston, Bridgeport, and other areas around the state.

### PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Interior Design and Space Planning
- Feasibility Studies
- Water Infiltration Analysis
- Historic Renovation
- Project Management

### PROFESSIONAL HIGHLIGHTS

WV Boreman Hall; Morgantown, WV  
Ruby Memorial Hospital Emergency Room; Morgantown, WV  
Lewis County H.S. Medical Facility; Weston, WV  
Camden-On-Gauley Medical Center; Camden-On-Gauley, WV  
Camden Dental/Medical Arts Grant; Camden-On-Gauley, WV  
Camden Family Health Dental Suite; Camden-On-Gauley, WV  
WV Office of Miners Health Safety and Training Facility; Oak Hill, WV  
WV State Office Building; Clarksburg, WV  
WV State Office Building; Parkersburg, WV  
WV DOH District 7 Lab & Multi-purpose Building; Weston, WV  
West Virginia Regional Technology Park Renovation to Building 770; South Charleston, WV  
Mon County Family Court Renovation; Morgantown, WV  
Mon County Sheriff's Department; Morgantown, WV  
Fairmont State University Prichard Hall Renovation; Fairmont, WV  
Augusta Apartment Building; Morgantown, WV  
Ridgedale Elementary; Morgantown, WV  
Mountaineer Middle; Morgantown, WV  
Washington High School; Charles Town, WV  
Ruby McQuain Amphitheater Roof; Morgantown, WV  
North Fork Hughes River State Park; Ritchie County, WV





## EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.

2014-2016 | MSES Architects

2011-2014 | Blackwood Associates

2007-2009 | Vandalia Heritage Foundation

## EDUCATION

Boston Architectural College  
Master of Architecture

Fairmont State University  
Bachelor- Architecture  
2009

# CASEY SMITH

## AIA ASSOC.; ARCHITECTURAL DESIGNER

☎ 304-296-8216 | 800-640-8216

✉ casey.smith@thinkalphafirst.com

## SUMMARY

Mr. Smith has been employed with Alpha Associates, Inc since 2016. He has worked on several architectural projects including multi-million dollar projects and public sector clients. Mr. Smith came to Alpha with an impressive background in educational, commercial, and local government facilities. He has offered assistance in project management, using his background to further improve the quality of each project he is involved with. Mr. Smith has been an incredible asset to Alpha Associates and proves to be an asset in each of his projects.

## PROFILE

Broad-based responsibilities in the following areas:

- Architectural/Structural Construction Drawings
- Construction Administration
- Project Management Assistance

## PROFESSIONAL HIGHLIGHTS

Construction Administration Projects:

- Cacapon State Park Lodge Renovation
- Los Mariachis New Restuarant; Morgantown, WV
- Freedom Ford Automotive Dealerships; Granville, WV
- Elkins Fordland; Elkins, WV
- Federal Group GSA VA Tenant Improvement Project
- Point Marion ADA Deck; Point Marion, PA
- Los Mariachis Renovation; Morgantown, WV
- WVU Hazel Ruby McQuain Education & Resource Center; Reedsville, WV
- Martinsburg Queen St. Underpass; Martinsburg, WV



# CHARLES B. LUTTRELL

## PE; SR. PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ charlie.luttrell@thinkalphafirst.com

### EMPLOYMENT HISTORY

1996-Current | Alpha Associates, Inc.  
1995-1996 | Larry D. Luttrell, PE, PhD  
1991-1994 | West Virginia University  
1990-1991 | WVU Constructed Facilities Center

### EDUCATION

West Virginia University  
Masters- Structural Engineering; 1995  
Bachelor- Civil Engineering; 1993

### QUALIFICATIONS

License: Professional Engineer: West Virginia,  
Pennsylvania

### AFFILIATIONS

WV Society of Professional Engineers  
National Society of Professional Engineers  
Chi Epsilon; Member  
American Concrete Institute; Member

### RESEARCH EXPERIENCE

Cold Formed Steel Deck Research  
Fastener Failures  
Edge Conditions/Failures  
Buttressed Overlap Shear Failures  
  
Composite Cold Formed Steel and  
Concrete Deck  
Line Load Behavior/Failures  
Concentrated Load Behavior/Failures  
Web Crippling  
Punch Failures

### SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has been made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with WVU Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications.

### 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

Structural Engineer:

- Freedom Automotive Group 3 Dealerships; Morgantown, WV
- Hazel Ruby McQuain Equine Education & Resource Center; WVU
- WVDOH Arnettsville Replacement Bridge; Morgantown, WV
- Clarksburg State Office Building; Clarksburg, WV
- Grant County Bank Addition & Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV
- Alumni Center Structural Framing and Foundation; WVU
- Engineering Science Building, East Wing Addition; WVU
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- Shepherd University Pedestrian Underpass; Shepherdstown, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- Alderson Broaddus College, Rex Pyles Arena Deck; Phillippi, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge; Morgantown, WV
- Ices Ferry Bridge; Morgantown, WV
- Matthews Foundry Structural Evaluation; Martinsburg, WV
- Martinsburg Little League Fields; Martinsburg, WV
- Martinsburg WWTP; Martinsburg, WV
- Queen St. Underpass; Martinsburg, WV
- Winchester & Western RR Rt. 11 Bridge; Martinsburg, WV





# MATTHEW T. ECHARD

## PE; PRINCIPAL & STRUCTURAL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ matthew.echard@thinkalphafirst.com

### EMPLOYMENT HISTORY

2016-Current | Alpha Associates, Inc.  
2010-2015 | Echard ingenieurBüro  
2006-2009 | Buro Happold Consulting Engineers  
2003-2006 | RISA Technologies, Inc.  
2000-2003 | Zaldastani Associates, Inc.

### EDUCATION

Massachusetts Institute of Technology  
Masters- Engineering & Environmental  
Mechanics, 2002

West Virginia University  
Bachelors of Science- Civil Engineering,  
2000

### QUALIFICATIONS

License: Professional Engineer:  
West Virginia, California

California OES SAP Evaluator

### AFFILIATIONS

American Concrete Institute (ACI)  
American Institute of Steel Construction (AISC)  
American Society of Civil Engineers (ASCE)  
American Wood Council (AWC)

### PUBLICATIONS

Echard, M. and Tonis, D. Convergent Design  
Methodology for Bio-Science Labs:  
Architectonic and Performative Structural  
Considerations Using the Geilinger Composite  
Column Solution. Proceedings of ICSA2010-  
First International Conference on Structures  
and Architecture Guimaraes, Portugal, July  
2010, Taylor & Francis.

Echard, M. Structural Analysis and Design  
Within a BIM Framework. EASEC 10- East  
Asia Structural Conference, Bangkok,  
Thailand, August 2006.

### SUMMARY

Mr. Echard joined Alpha Associates, Inc. in early 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across in the United States, Europe, and the Middle-East, Mr. Echard returned to West Virginia to provide world-class service in a historically undeserved region while making positive contributions to the future growth of his home state. Mr. Echard places a large value on the collaborative work process. Believing that a building's form and function are derived from many contexts, Mr. Echard's office is located in the corporate office in Morgantown, WV. Mr. Echard also volunteers as the Chairman of the Gilmer County Unsafe Buildings and Lands Enforcement Authority.

### PROFILE

Broad-based responsibilities in the following areas:

- Structural Engineering
- Structural Forensics
- Project Management

### PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

- WVU Creative Arts Center Performance Access; Morgantown, WV
- WVU Aero/Combustion Lab Mezzanine; Morgantown, WV
- WVU Athletics Tennis Scoreboard; Morgantown, WV
- WVU Athletics Coliseum Scoreboard & Speakers; Morgantown, WV
- WVU CAFEE Building Addition; Morgantown, WV
- WVU Colson Hall, Admission & Records Access; Morgantown, WV
- WVU ESB Chiller Lines; Morgantown, WV
- WVU ESB Roof Fall Protection; Morgantown, WV
- WVU Health Sciences Center – Phase 1B HVAC; Morgantown, WV
- WVU Hodges Hall Renovation; Morgantown, WV
- WVU J.W. Ruby Research Farm; Reedsville, WV
- WVU Law School Precast Evaluation; Morgantown, WV
- WVU Mountainlair Façade Water Infiltration; Morgantown, WV
- WVU Mountainlair Gridiron Assessment; Morgantown, WV
- WVU Mountainlair Plaza Structural Assessment; Morgantown, WV
- WVU Stewart Hall MEP Upgrades; Morgantown, WV
- Westover Goodwill Structural Design; Morgantown, WV
- Weyerhaeuser Roof Evaluation; Heaters, WV
- Martinsburg Queen Street Underpass; Martinsburg, WV
- City Hall Façade Rehab; Morgantown, WV
- Metropolitan Theatre Roof; Morgantown, WV



# BRADLEY CASDORPH

## PE,PS; CIVIL ENGINEER

☎ 304-296-8216 | 800-640-8216

✉ brad.casdorph@thinkalphafirst.com

### EMPLOYMENT HISTORY

2004-Current | Alpha Associates, Inc.

1979-2004 | Triad Engineering, Inc.

### EDUCATION

West Virginia University

Masters- Soil Conditions and  
Foundation Design; 1982

Bachelor- Civil Engineering; 1979

### QUALIFICATIONS

License: Professional Engineer: West Virginia

Professional Surveyor: West Virginia

Certified Private Pilot

Certified FAA Part 107 Remote Pilot

### AFFILIATIONS

WV Society of Professional Engineers

National Society of Professional Engineers

WVSPS- Mountain Regional Chapter; President

Aircraft Owners and Pilots Association; Member

### SUMMARY

Mr. Casdorph joined the Alpha Associates, Inc. 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 , including the use of Aerial Drone Technology

### PROFESSIONAL HIGHLIGHTS

#### Civil Engineering:

WVDOH Arnettsville Bridge Replacement; Monongalia County, WV

WVDOH Open Engineering Open End Contract; WV

WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV

Freedom Automotive Three Dealerships; Morgantown, WV

Freedom Kia Clarksburg; Clarksburg, WV

Morgantown Municipal Airport Access Road; Morgantown, WV

Mon General Hospital Access Road; Morgantown, WV

WVU - Lot 81 Parking Area Improvements; Morgantown, WV

McKee Crossing - 120 Acre Subdivision; Martinsburg, WV

WVU Reedsville Farm Redevelopment; Reedsville, WV

Mon General Hospital - East Parking Area; Morgantown, WV

Jane Lew Truck Stop; Jane Lew, WV

Point Marion Borough; Point Marion, PA

Clarksburg State Office Building; Clarksburg, WV

WVU College of Physical Activity & Sports Sciences; Morgantown, WV

VA Parking Lot SWM; Shepherdstown, WV

Arcland RV Parking Lot SWM; Charles Town, WV

#### Surveying:

WVDOH Arnettsville Bridge Replacement; Monongalia County, WV

Morgantown Municipal Airport Access Road; Morgantown, WV

Mon General Hospital Access Road; Morgantown, WV

Freedom Automotive Three Dealerships; Morgantown, WV

Freedom Kia Clarksburg; Clarksburg, WV



### **B. Craig Miller, PE**

Craig founded Miller Engineering in 2003, and serves as President and Principal Engineer. He has more than 20 years experience in design, specification, operations and project management. During his employment with WVU, Craig was directly involved with approximately \$130 million in new capital construction. His experience with a wide range of projects including HVAC, electrical, plumbing, infrastructure upgrades, building automation, energy efficiency and maintenance/renovation, among others, allows him to serve in multiple capacities within a given project. Craig will serve as the "Relationship

Manager" for Miller Engineering as the main communication interface between the Owner, the design team, contractors and end users.

#### **Project Role: Relationship Manager – Primary Point of Contact**

- *Engineer in Responsible Charge*
- *Design and Project Management of Mechanical, Electrical, Plumbing Projects*
- *Concept and Construction Design*
- *Business Operations and Financial Management Oversight*
- *Quality Assurance and Control*

#### **Professional Project Highlights**

- Morgantown High School Area 4 HVAC Renovations
- WVU Life Sciences Building and Student Recreation Center – Owner's Engineer
- Hawks Nest/Twin Falls HVAC
- Mapletown High School HVAC Replacement Phase I & II
- Advanced Surgical Hospital
- Pipestem McKeever Lodge HVAC Piping Replacement
- Beech Fork State Park – MEP New Construction Design
- Cheat Lake Elementary & Middle School Renovations

#### **Professional History**

2003- Present	Miller Engineering, Inc.	President, Relationship Manager
2002-2003	Casto Technical Services	Existing Building Services Staff Engineer
2001-2002	Uniontown Hospital	Supervisor of Engineering
1995-2001	West Virginia University	Staff Engineer
1990-1995	BOPARC	Caretaker – Krepps Park
1983-1988	University of Charleston	Electrician/HVAC Mechanic

#### **Education**

1995	West Virginia University	BS- Mechanical Engineering
1988	University of Charleston	BA- Mass Communications

#### **Licenses and Certifications**

- Professional Engineer (West Virginia, Pennsylvania, Maryland, and Ohio)
- Licensed Master Plumber
- LEED-AP Certified



## **Travis Taylor, PE**

Experience in project management facilitates Travis's ability to create and design constructible projects. Prior to joining the Miller Engineering team he was directly responsible for managing \$10 million in electrical construction budgets. His experiences encompass both new construction and renovation. Travis maintains professional competencies by attending seminars and continuing education classes. These include local ASHRAE classes in addition to classes on electrical systems, and also steam systems through Shippenburg Pump Company. As lead engineer he provides HVAC, mechanical, plumbing, and electrical design solutions and services for our clients. In addition, he is part of our team's complete assessment process in both planning and MEP design through construction administration.

### **Project Role: Lead MEP Engineer**

- *Design of Mechanical, Electrical, and Plumbing Systems*
- *Building Information Modeling - Revit*
- *Constructible Materials Evaluation*
- *Site Evaluation and Mechanical System Review*
- *Submittal and RFP Review*
- *RFI Coordination, Review, and Response*
- *Construction Observation*

### **Professional Project Highlights**

- Blackwater Falls Lodge Boiler Replacement
- MTEC Welding Shop
- Camp Dawson FMS4 Fire Protection
- WV State Building 22 2nd Floor Renovations
- WV State Building 25 HVAC Piping Replacement
- Morgantown High School Area 4 HVAC Renovation
- Bobtown Elementary School HVAC Upgrades
- Holly River State Park Primary Electric Service Replacements Phase I & II
- Pipestem Lodge McKeever Lodge HVAC Piping Replacement

### **Professional History**

2011-Present	Miller Engineering, Inc.	Staff Engineer
2006-2011	Tri-County Electric, Co.	Project Manager
2006-2006	Schlumberger	Field Engineer Trainee - MWD

### **Education**

2006 West Virginia University, BS – Mechanical Engineering

### **Licenses and Certifications**

- Professional Engineer - State of West Virginia
- OSHA 10-hour Course: Construction Safety & Health



### **Joseph Machnik**

Joe has experience with AutoCAD, MEP and Revit MEP. He provides design modeling, drafting and supervised design services and construction support for Miller Engineering.

#### **Project Role: MEP Designer**

- *Revit/CADD Coordination of New Construction and Renovation Designs*
- *Building Information Modeling Specialist*

#### **Professional Project Highlights**

- Bobtown Elementary HVAC
- WV State Building 25 HVAC Piping Replacement
- Blackwater Falls Boiler Replacement
- Suncrest Middle Gym HVAC
- North Elementary Gym HVAC
- Graftek Steam Systems Evaluations and Modifications
- WV State Building 25 HVAC Piping
- Pipestem Lodge HVAC Piping Replacement
- Westwood Middle Cooling Tower

#### **Professional History**

2010 – Present    Miller Engineering, Inc.    MEP Designer

#### **Education**

2008    Penn State – Fayette, AS - Building Engineering Systems Technology: *Building Environmental Systems Technology*

2007    Penn State – Fayette, AS - Building Engineering Systems Technology: *Architectural Engineering Technology*

#### **Additional Training**

2016 – Shippenburg Pump Company – Steam Systems Training



## **Eyad Alhalabi**

Eyad joined Miller Engineering in June 2019. A recent graduate of West Virginia University, he has been eager to learn the means and methods of MEP consulting. Eyad assists the MEP design team with design calculations and is rapidly learning design software such as Autodesk REVIT. He is also learning construction administrations along with building codes and standards. Eyad is currently preparing to take the Fundamentals of Engineering exam.

### **Project Role: Junior Engineer**

- *Design Calculations*
- *Drafting of MEP Systems*
- *Assist with Construction Administration*

### **Professional Project Highlights**

- Morgantown ALC
- WVDA Ripley Warehouse Electrical Upgrades
- Huntington 8th & 10th Street Pump Stations
- Huntington Floodwall Pump Station Automation
- Blackwater Falls Lodge Renovation
- Hawks Nest Lodge Interior Improvements
- Capitol Complex Central Chiller Modifications

### **Professional History**

2019- Present                      Miller Engineering, Inc.      Junior Engineer

### **Education**

2019      West Virginia University, BS - Mechanical Engineering

### **Licenses and Certifications**

- ASHRAE Student Member



# **NORTH FORK HUGHES RIVER RECREATIONAL DESIGN**

## **Ritchie County, WV; 2009**

Alpha Associates, Incorporated provided architectural, engineering and landscape design for the implementation of a \$12 million Master Plan for the USDA Camping Area.

The project included:

- Restrooms and Bath Houses
- Amphitheater
- Trails
- Parking Areas
- Check in Building
- Water Transmission and Distribution
- Navigational Aids
- Camping Areas
- Picnic Areas
- Sports Fields
- Roadways
- Maintenance Building
- Sewage Collection and Treatment

### *At a Glance:*

CLIENT: USDA  
LOCATION: Ritchie County, WV  
COMPLETION DATE: 2009  
SIZE: Over 100 Acres  
CONSTRUCTION COST: \$12 Million

### *Project Contact:*

Sam Ware  
91 Boyles Lane  
Parkersburg, WV 26104  
304-422-9072





# I-77 WELCOME CENTER

## Williamstown, WV; 2004

The I-77 Welcome Center in Williamstown, WV was designed for the West Virginia Division of Highways. The building is designed using native West Virginian materials as a central design theme. The design has steeply sloped, metal-clad roofs evocative of West Virginia's hills. Exposed heavy timber framing, native ledge rock stonework and rough-cut cedar siding are used both inside and outside of the building as a symbolic reminder of the beauty and ruggedness of the State's rustic environment.

The Welcome Center is a single-story building of approximately 7,700 square feet in area. It has separate spaces for public restrooms, vending, landscaped sitting "mall", arts and crafts display and offices. A state of the art, multiple-monitor, computerized theater having multi-media presentation capabilities is also included, as well as interactive computer kiosks bringing the latest updates on regional and state-wide information (such as accommodations, travel conditions, weather and festival events) to residents and visitors alike.

### *At a Glance:*

CLIENT: WV Division of Highways  
LOCATION: Williamstown, WV  
COMPLETION DATE: 2004  
SIZE: Bldg: 7,700 Square Feet  
CONSTRUCTION COST: \$4.9 Million

### *Project Contact:*

Dirar Ahmad  
State Capital Complex  
Bldg. 5, Room 317  
Charleston, WV 25301  
304-558-9721



# **SOUTH BERKELEY VOLUNTEER FIRE CO.**

## **Martinsburg, WV; 2017**

Alpha Associates, Incorporated provided architectural design, civil & structural engineering and surveying services for to renovate an existing 18,100 square foot pre-fabricated metal building used as a supermarket to a new fully functional Fire Station for the Berkeley County Fire Service Board and the South Berkeley Volunteer Fire Company. The existing building along with a 1,768 square foot addition and incorporating a 3,218 sq. ft. Mechanical/Storage Mezzanine to provide a total of 23,089 sq. ft.. The building contains:

- Seven (7) Apparatus Bays
- Training Meeting Room
- Day Room with Kitchen and Dining Facilities
- Sleeping quarters for ten (10) with Locker Rooms, and Toilet and Shower Facilities
- 240 Person Community Room with Commercial Kitchen and Food Preparation Facilities

The building also includes a back-up generator capable of providing electrical power for the entire facility during a power outage.

### *At a Glance:*

CLIENT: Berkeley County Fire Services Board  
LOCATION: Inwood, WV  
COMPLETION DATE: 2017  
SIZE: 23,089 Square Feet  
CONSTRUCTION COST: \$2.9 Million

### *Project Contact:*

Hunter Wilson  
400 W. Stephen Street  
Martinsburg, WV 25401  
304-261-5270





# ELKINS COAL AND COKE BUILDING

## Masontown, WV; 2018

Alpha Associates, Incorporated provided architectural design for renovations to the Elkins Coal and Coke Building. The project is partially funded by a grant from the Federal Highway Administration's Recreational Trails Program.

The project included:

- Renovation of existing stone building with slate roof.
- Demolition of existing roof and structure, salvaging all slate for re-use.
- Construction of new roof utilizing pre-engineered roof trusses.
- Installation of salvaged slate that remains on site.
- Construction of two toilet rooms with new concrete slab, interior drywall partitions, etc.
- Plumbing and minimal electrical.

### *At a Glance:*

CLIENT: Mon River Trails Conservancy  
LOCATION: Masontown, WV  
COMPLETION DATE: 2018  
SIZE: 783 SQ.FT.  
CONSTRUCTION COST: \$187,000

### *Project Contact:*

Ella Belling  
PO Box 282  
Morgantown, WV 26507  
304-692-6782



# HAWKS NEST STATE PARK PICNIC PAVILLION

**Anstead, WV; 2011**

The picnic pavilion at the Hawks Nest State Park, located off of Route 60 in Anstead, West Virginia, was established under The New Deal. The main goal of restoration was to provide guests with an esthetically pleasing historic site during their visit at Hawks Nest State Park. Alpha Associates, Incorporated provided plans for the park to restore the pavilion. These plans included the repair and repoint of fireplace and surround wall, cleaning existing foundation drains, clear vegetation away from building, recapping chimney, roof repair, and installation of a waterproof wall to prevent water damage.

*At a Glance:*

CLIENT: WV DNR Parks & Recreation

LOCATION: Anstead, WV

COMPLETION DATE: 2011

*Project Contact:*

Brad Leslie

324 4th Street

Charleston, WV 25303

304-558-2764





# WATTERS SMITH STATE PARK

## **Lost Creek, WV; 2015**

Alpha Associates, Incorporated provided engineering design services at the Watters Smith Memorial State Park.

The scope of services included:

- Barn restoration
  - Deteriorated metal roof replaced with period correct wood shingles
  - Extensive floor repairs using new timbers
  - Foundation reconstruction using cut stone
  - Re-graded the ground to divert drainage away from the structure
- Pool demolition

### *At a Glance:*

CLIENT: WV DNR

LOCATION: Lost Creek, WV

COMPLETION DATE: 2017

SIZE: Multiple Locations

CONSTRUCTION COST: \$320,000  
(\$93,880 Barn Restoration Only)

### *Project Contact:*

Carolyn Mansberger

PO Box 296

Lost Creek, WV 26385

304-745-3081

**BEFORE**



**BEFORE**



**AFTER**



# WATTERS SMITH STATE PARK

## **Lost Creek, WV; 2015**

Alpha Associates, Incorporated provided engineering design services at the Watters Smith Memorial State Park.

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  - Re-graded the ground to divert drainage away from the structure
- Pool demolition

### *At a Glance:*

CLIENT: WV DNR

LOCATION: Lost Creek, WV

COMPLETION DATE: 2017

SIZE: Multiple Locations

CONSTRUCTION COST: \$320,000

(\$93,880 Barn Restoration Only)

### *Project Contact:*

Carolyn Mansberger

PO Box 296

Lost Creek, WV 26385

304-745-3081

**BEFORE**



**BEFORE**



**AFTER**





# CASS SCENIC RAILROAD— CLUBHOUSE RENOVATION

**Cass, WV; 2009**

Alpha performed an evaluation of the building condition, structural foundation, and MEP systems for the Clubhouse to document the historic structure and utilize the information to determine what the best use of the building would be. Alpha then designed the renovation of this historic landmark originally built in 1916.

Renovation of the Cass Clubhouse was first developed as a lodge concept. When that was deemed too costly, the renovation/restoration design was confined to the exterior of the building shell and first floor. This stabilized the building and fixed major problems while allowing the first floor to be operated as a museum.

## *At a Glance:*

CLIENT: WV DNR  
LOCATION: Cass, WV  
COMPLETION DATE: 2009  
SIZE: Bldg: 5,163 Square Feet  
CONSTRUCTION COST: \$505,000; \$75,617 Fee

## *Project Contact:*

Brad Leslie  
324 4th Street  
Charleston, WV 25303  
304-558-2764



# HAWKS NEST STATE PARK CCC MUSEUM

## Anstead, WV; 2011

The CCC Museum at the Hawks Nest State Park, located off of Route 60 in Anstead, West Virginia, was established under The New Deal. The museum had very simple goals: to be renovated to fit the needs of the State Park while preserving the historic exterior. The structure had signs of water damage and needed general repair and replacement. Alpha Associates, Incorporated responded with a strategy to stabilize and restore the building with repairs and replacement of doors, walls, windows, and siding along with regrading for water flow purposes to prevent any further water damage. All work was completed in compliance with the Preservation Alliance of West Virginia.

### *At a Glance:*

CLIENT: WV DNR Parks & Recreation

LOCATION: Anstead, WV

COMPLETION DATE: 2011

### *Project Contact:*

Brad Leslie

324 4th Street

Charleston, WV 25303

304-558-2764





## Project Experience – Beach and Bathhouse

### Tygart Lake State Park

Grafton, WV

#### Services Provided:

- Mechanical
- Electrical
- Plumbing
- Commercial Kitchen Update
- Construction Administration

**Estimated Budget: \$995k**

**Facility Area: 4 acres**

**Owner: West Virginia Division of  
Natural Resources**



#### Project Contact:

*Bradley S. Leslie, PE, Assistant Chief  
WVDNR State Parks Section  
Phone: (304) 558-2764*

Previously the beach area was nothing more than a concrete slab prone to algae infestation creating a slip hazard.

Paths and recreation areas were ill-defined, lacking clear flow or direction and did not contribute to natural surroundings. After a site review, an overall plan was developed by Miller Engineering and is now a successfully completed project. The State Park is a popular recreation destination for Morgantown area residents. The beach area and access, volleyball, horse shoe, grilling and bath house were all renovated. The kitchen received code compliant updates and additional electric capacity to add a concession stand in the future.

## Pipestem State Park – Sprayground and Existing Pool Demo

### Pipestem State Park

Pipestem, WV

#### Services Provided:

- Aquatic Design
- Plumbing
- Electrical
- Mechanical
- Demolition MEP

**Cost: \$2.49M**

**Owner: West Virginia  
Division of Natural  
Resources**

**Status: Completed**



The pool at Pipestem had ongoing concerns for a number of years. Age, condition, piping, and the original design had led to continuous operational problems. The pool was originally constructed as part of a larger, integral, recreation facility that presented problems for both maintenance and repairs. The use of the deck as a roof for spaces below resulted in ongoing issues for both.

As part of a larger team effort, MEI evaluated the facility and recommended partial demolition and replacing the pool. Based on the local population, the capacity of the park facilities, and the budget; the recommendation was to replace the pool with an interactive sprayground. This facility is more strategically located close to the lodge and includes a pedestrian bridge and restroom/ bathhouse for park guests. The water treatment utilizes the latest in disinfection technology to protect users.

Project Contact:  
*Bradley S. Leslie, PE, Chief Engineer*  
State Parks Section  
(304) 558-2764 ext. 51826





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

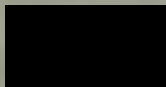
To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers,  
of the State of West Virginia, reposing special confidence in  
the Intelligence, Integrity and Discretion of

Richard A. Colebank

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT  
by law, hereby certify that he, having submitted  
satisfactory evidence of his ability and experience, is a  
**REGISTERED PROFESSIONAL ENGINEER**

Registration Number



To Hold and use such title in the practice of his profession,  
subject to the conditions prescribed by law.



Given under the hand and the Seal  
of the Board at the Capitol in the  
City of Charleston,  
this 23rd day of Feb. in the  
year of our Lord One Thousand  
Nine Hundred and Eighty-Eight  
and of the State the One Hundred  
Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Frank L. Gaddy

Secretary: *Monroe P. Jickles* President: *Robert B. Scott*  
Kenneth H. Means





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity, and Discretion of

**Charles B. Branch**

**DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT**

by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

(To Hold) and use such title in the practice of his profession, subject to the conditions prescribed by law.



Given under the hand and the Seal of the Board at the Capitol in the City of Charleston, this 18th day of February in the year of our Lord 2002 and of the State the One Hundred Thirty-Eighth

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*Ed. Beckhoff*

By

*Frank D. Goddy*

*L. J. Dumas, Jr.*

*[Signature]*

*[Signature]*



# The Board of Architects



of West Virginia.

No. [REDACTED]

This Certifies that Rebecca Jean Key of Baltimore  
in the State of Maryland, having successfully passed an examination  
before the Board of Architects of the State of West Virginia, and being  
otherwise qualified, is hereby authorized to practice Architecture in all its  
branches in the State of West Virginia.



Witness the signatures of the President and Secretary of the Board of  
Architects of West Virginia, and the seal of said Board, this 26th  
day of September 1994

Will E. Jones

President.

E. Keith

Secretary.





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting

"Know Ye" That The State Board of Registration for Professional Engineers  
of the State of West Virginia, reposing special confidence in  
the Intelligence, Integrity and Discretion of

Bradley H. Casdorph

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT  
by law hereby certify that he having submitted  
satisfactory evidence of his ability and experience is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

(To Hold) and use such title in the practice of his profession,  
subject to the conditions prescribed by law.



Given under the hand of the  
Seal of the Board at the Capitol in the  
City of Charleston,  
This 29th day of December  
in the year of our Lord 2005  
and of the State  
the One Hundred Forty-Second

Members of the Board

Leonard D. Thomas, Jr.

Richard E. Dlyns

Bhajan S. Shuja

William E. Viers

[Signature]





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting  
"Know Ye" That The State Board of Registration for Professional Engineers  
of the State of West Virginia, reposing special confidence in  
the Intelligence, Integrity and Discretion of

Matthew T. Echard

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

by law hereby certify that he having submitted  
satisfactory evidence of his ability and experience is a

**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

"To Hold" and use such title in the practice of his profession,  
subject to the conditions prescribed by law.



Given under the hand of the  
Seal of the Board at the Capitol in the  
City of Charleston,  
This 17th day of August  
in the year of our Lord 2012  
and of the State  
the One Hundred Forty-Ninth

Members of the Board

Leonard D. Turner, Jr.

Richard E. Dlyns

Blaham S. Saha

William E. Penson

[Signature]





STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye That The State Board of Registration for Professional Engineers, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Charles B. Luttrell

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT  
by law, hereby certify that he, having submitted  
satisfactory evidence of his ability and experience, is a  
**REGISTERED PROFESSIONAL ENGINEER**

Registration Number [REDACTED]

To Hold and use such title in the practice of his profession,  
subject to the conditions prescribed by law.



Given under the hand and the Seal  
of the Board at the Capitol in the  
City of Charleston,  
this 28th day of July in the  
year of our Lord One Thousand  
Nine Hundred and Ninety-nine  
and of the State the One Hundred  
Thirty-sixth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Garwick  
Lund  
L. J. [unclear]

Frank H. Naddy

Wm. J. [unclear]



# CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers  
having verified the person in responsible charge is registered in  
West Virginia as a professional engineer for the noted firm, hereby certifies*

*has complied with section §30-13-17 of the West Virginia Code governing  
the issuance of a Certificate of Authorization. The Board hereby notifies you of its  
certification with issuance of this Certification of Authorization for the period of:*

*providing for the practice of engineering services in the State of West Virginia.*

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,  
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA  
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT

# HEAR FROM OUR CLIENTS.

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**J. Paul Walden**  
**West Virginia University**

Alpha Associates have a proven record of customer satisfaction and successful client delivery with our organization. We would be confident in our recommendation in support of Alpha.



**Robert Hammel**  
**Former Director**  
**Morgantown Municipal Airport**

Every aspect and detail of [Alpha's] planning, coordination, and completed projects have been exceptional and outstanding in every regard.

## References

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**Brad Leslie**  
**WV Parks and Recreation**  
**Division of Natural Resources**  
324 4th Avenue  
South Charleston, WV 25303  
304-558-2764

**Bill Clark, Executive Director**  
**Region 9 Planning & Development Council**  
400 West Stephen St Suite 301  
Martinsburg, WV 25401  
(304)-263-1743

**David Hildreth**  
**State of West Virginia**  
1409 Greenbrier Street  
Charleston, WV 25305

**Dirar Ahmad**  
**West Virginia Division of**  
**Highways**  
Building 5  
1900 Kanawha Blvd., East  
Charleston, WV 25305-0430  
304-558-2830

**Damien Davis, City Engineer**  
**City of Morgantown**  
389 Spruce Street  
Morgantown, WV 26505  
304-284-7412