



**WV Miners Health,
Safety & Training
Building Renovation**

September 20, 2018
1:30 PM
CEOI 0314 HST1900000001

EXPRESSION OF INTEREST

**Engineering/Architectural Design
Services**



RECEIVED

2018 SEP 20 AM 10:24

WV PURCHASING
DIVISION

think **Alpha** first.com



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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 484717

Doc Description: Renovation of Miners Health, Safety, & Training Bldg.

Proc Type: Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
2018-08-21	2018-09-20 13:30:00	CEOI 0314 HST1900000001	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

Alpha Associates, Inc
 209 Prairie Ave.
 Morgantown, WV 26501
 304-296-8216



FOR INFORMATION CONTACT THE BUYER

Michelle L Childers
 (304) 558-2063
 michelle.l.childers@wv.gov

Signature X

Michelle L Childers

FEIN # 550510286

DATE 9-18-18

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)

Contracting Business Entity: Alpha Associates, Inc **Address:** 209 Prairie Ave, Morgantown, WV 26501

Authorized Agent: Richard A. Colebank **Address:** _____

Contract Number: CEOI 0314 HST1900000001 **Contract Description:** Renovations WV Miners Health, Safety & Training Building

Governmental agency awarding contract: West Virginia Purchasing Division

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.

Allegheny Design Services- Mike Chancey

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: 9-18-18

Notary Verification

State of West Virginia, County of Upshur

I, KAYLA FACEMIRE, 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 18th day of September, 2018.

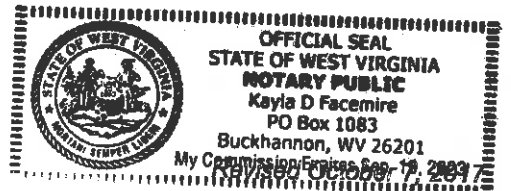

Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Alpha Associates, Inc

Company



Authorized Signature

9/18/18


Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

Richard A. Colebank, President & COO
(Name, Title)

(Printed Name and Title)
209 Prairie Ave, Morgantown, WV 26501
(Address)
304-296-8216/ 304-296-8245
(Phone Number) / (Fax Number)
rick.colebank@thinkalphafirst.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Alpha Associates, Inc
(Company)

(Authorized Signature) (Representative Name, Title)
Richard A. Colebank, President & COO
(Printed Name and Title of Authorized Representative)

9/18/18
(Date)

304-296-8216/ 304-296-8245
(Phone Number) (Fax Number)

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:  Date: 9-18-18

State of West Virginia

County of Upshur, to-wit:

Taken, subscribed, and sworn to before me this 18 day of September, 2018.

My Commission expires September 19, 2023.



NOTARY PUBLIC 

Purchasing Affidavit (Revised 01/19/2018)



September 20, 2018

Department of Administration
Purchasing Division
2019 Washington St. E.
Charleston, WV 25305

Attn: Michelle Childers

RE: CEOI 0314 HST190000001
Renovation of Miners Health, Safety & Training Building

Dear Ms. Childers,

Alpha Associates, Incorporated is pleased to submit this expression of interest for the Miners Health, Safety & Training Building renovation project. The Alpha Team's experience and our existing relationship with the General Services Division make us the perfect design partner on this important restoration project at 550 Industrial Drive, Oak Hill, West Virginia 25901.

Over the past 49 years Alpha has provided quality architectural, engineering and surveying services to various clients, both public and private, throughout the state. Our relevant project experience includes the evaluation, renovation, design and construction of a variety of office spaces including the Building 770 at the West Virginia Regional Technology Park in Charleston, West Virginia, as well as numerous bank branch projects for Clear Mountain Bank and the West Virginia State Office Building in Clarksburg, West Virginia.

Project Team & Location

Our staff includes structural and civil engineers, architects, architectural designers, interior designers, technicians, landscape designers, construction administrators, and support staff. From the President to the support staff, the Alpha team is committed to providing you with a quality completed project in a timely manner for a reasonable cost. For this project, Alpha has partnered with Allegheny Design Services for this project to perform the mechanical and electrical designs. Alpha has a successful partnership history with Allegheny Design Services (ADS), which allows

us to provide the WV Miners Health, Safety & Training with a cohesive team on this project.

Both Alpha and ADS have 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.

This project will be managed from Alpha's Corporate Office located in Morgantown, West Virginia. This location allows our staff to be on site within a day's notice.

Project Understanding

The General Services Division is looking to partner with a firm to provide renovation services for the 15,000 square feet building in Oak Hill, WV that will hold adequate office space for staff as well as a testing facility for training of future and existing employees in the mining industry. The Alpha Team will provide the necessary architectural, mechanical, electrical, structural and any other engineering design services for this project.

Summary

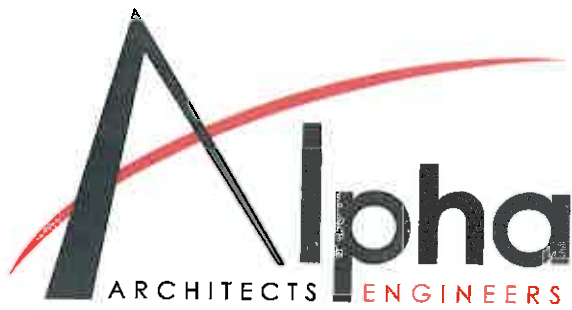
Alpha Associates, Incorporated is looking forward to building upon an already successful relationship with the West Virginia General Services Division. We hope to work with the GSD and provide a restoration plan that will be more cost effective and energy efficient for the WV Miners Health, Safety & Training office building. If you would like to further discuss this upcoming project, please contact me at (304) 296-8216 ext. 102.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED



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



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

22 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.



102 Leeway Street, Morgantown, WV 26505
Phone: 304.599.0771



ENGINEERING FOR
STRUCTURAL SYSTEMS
MECHANICAL SYSTEMS
ELECTRICAL SYSTEMS
FORENSIC INVESTIGATION

Overview

Allegheny Design Services (ADS) is a consulting engineering firm specializing in structural and MEP building design and building analysis. Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full-service engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration. Allegheny Design Services was chosen as one of "Building Design and Construction" Magazine's Top 300 Engineering Firms 2015.

ADS' experience in Design and Project Management includes:

- Commercial Facilities
- Industrial Facilities
- Institutional Facilities
- Educational Facilities

ADS was established by David Simpson, PE, MBA, in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. In 2009 MEP engineering services were added, led by Mike Chancey, PE. ADS utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$40 million in construction value. Our clients include architects, contractors, developers, attorneys and insurance companies. ADS currently utilizes the latest engineering design and BIM software for the development of project work.

Value Added Services

Our company strives to provide efficient, quality engineering services that serve both the needs of the client as well as the needs of the design team. We achieve this level of service by leveraging our extensive project experience with a work-flow built upon the cohesive integration of 3D Revit modeling and the latest analysis software. This integration allows us to produce the highest quality designs in the timeframe needed for successful design-build projects. Our staff is comprised of multiple licensed Professional Engineers.

Company Recognition/Awards

ADS is proud to have received numerous awards and recognition for our work regionally and across the country, including the following awarded by the West Virginia Chapter of Associated Builders and Contractors, Inc.:

- Nemaquin Woodlands Sundial Lodge Farmington, Pa. (25,000 sf Multi-Purpose Ski Lodge, Restaurant, and Bowling Alley) 2013;
- GSA Building Charleston, WV. (GSA Office /Operations Facility) 2012;
- Jerry Dove Medical Office Building Bridgeport, WV. (Structural Mat Foundation System Steel Framing) 2012;
- Marina Tower Morgantown, WV. (8 Story Office Building) 2010; and
- Mon Power Regional Headquarters Fairmont, WV. (Transmission Control Center, Offices, and Conference Rooms) 2009.



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 technical tools, dedicated principals and highly skilled staff members.

Since 1969, Alpha has provided architectural and engineering design services on numerous industrial projects. 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 whatever is 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, works 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 provide frequent updates on the project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of 22 architects, engineers, surveyors and administrative personnel all work diligently towards producing the drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for 49 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.

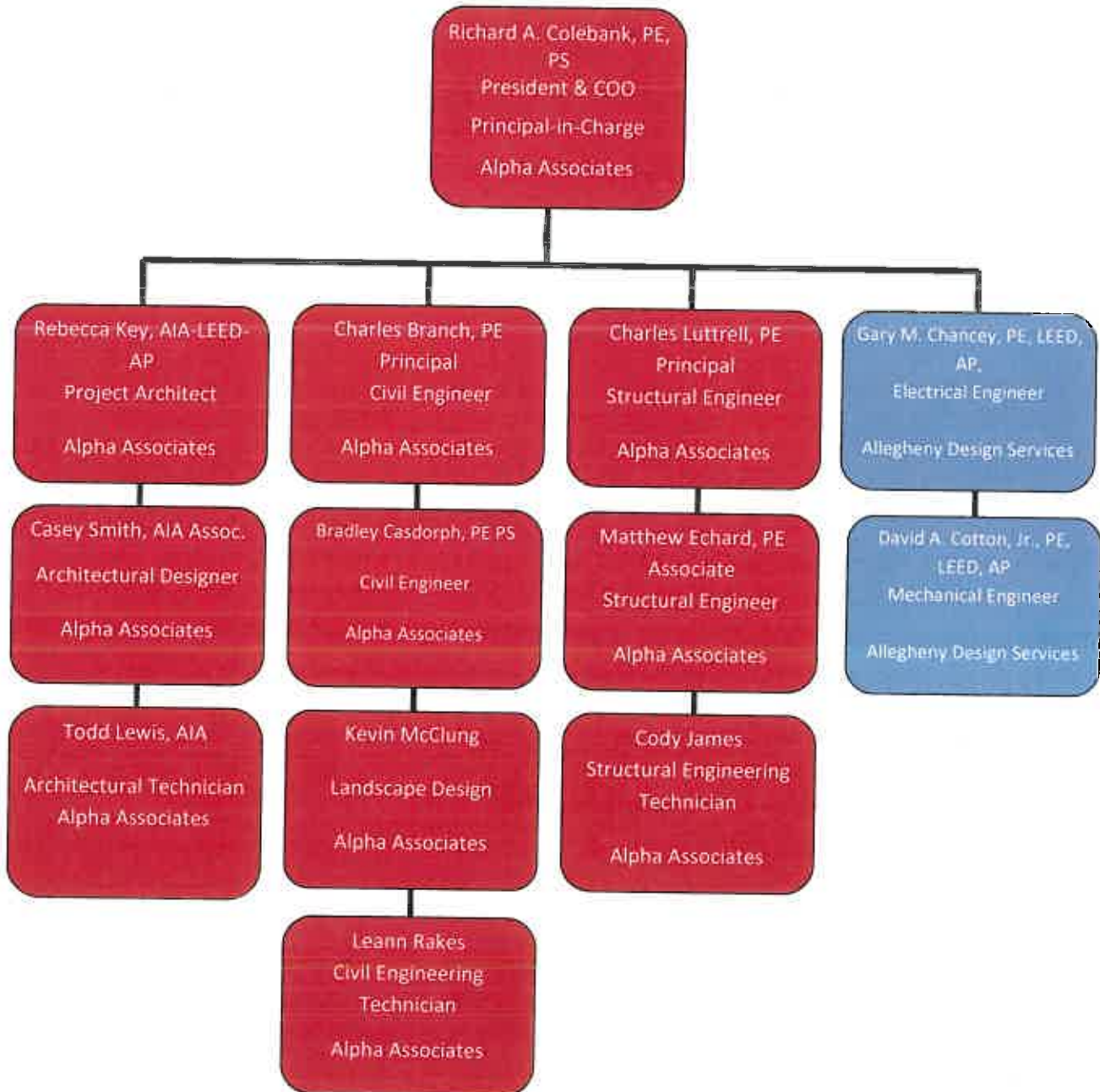


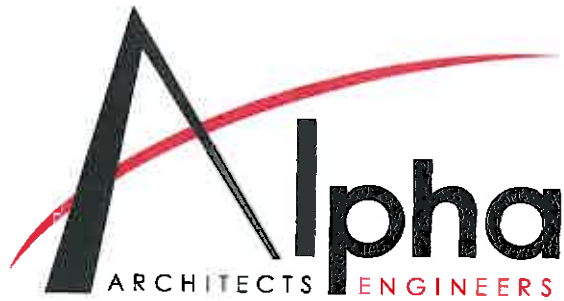
STAFFING PLAN

All work to be performed for the West Virginia General Services Division will be managed out of Alpha's Morgantown Office. In addition to your dedicated Project Team, Alpha's staff of twenty-two (22) includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support Staff that are available to assist with any potential project need. Included in the Alpha Team will be Allegheny Design Services who will provide assistance in all mechanical and electrical work.



TEAM ORGANIZATION





COST AND SCHEDULE CONTROL

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 few actually achieve the results Alpha has over the years. One of the determining factor is the tools the firms utilize to produce the budgets. 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:

- Personnel assigned to the project
- Chosen method of construction
- Changes to project scope
- Unique construction elements for each project

Successful project management depends upon consensus regarding work efforts, milestones and goals. The Alpha team has found that 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 regarding the 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. Adherence to the schedule is the responsibility of the Project Manager. The Project Manager must insure the team members, including the owner have bought into the schedule and are maintaining their respective duties.

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. Characteristic of the client, its organization, or the involvement of a construction manager and his responsibility for document review must also be considered.

This starts with a kick-off meeting which establishes ground rules, responsibilities, and line of communication. We have found that a team visioning session is a



great way to get everyone started off on the right track.

Determining a project schedule is a task that must be done with all parties involved in the process. 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 also 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 also has an excellent record of budget control. Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area enable us to develop 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 decreasing can be identified allowing the owner to make informed decisions moving forward on the 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.



CAPACITY AND SOFTWARE

Capacity

Alpha Associates, Incorporated is prepared to commit staff resources to the WV Mining Health, Safety and Training Building Project. 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 WV Mining Health, Safety and Training with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of this project committing any resources necessary to meet the project schedule.

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 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 18
- REVIT (Editions up to 2018)
- Civil 3D
- RISA 3D
- RISA Floor
- RISA Foundation
- Autodesk Suite
- Enercalc
- AutoTURN
- TopCon GR5 GPS System
- TopCon Total Station with Reflectorless Capabilities
- Carlson Surveyor & Data Collector
- MathCAD



ALPHA RESUMES

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

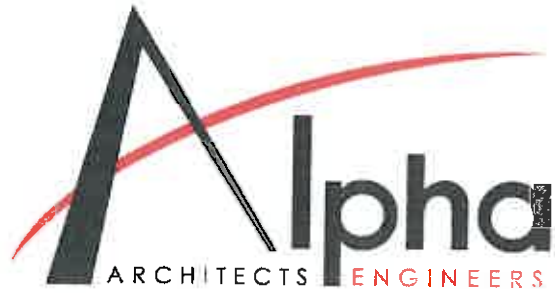
PROFESSIONAL HIGHLIGHTS

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

think  **Alpha**first.com

Contact

Richard A. Colebank

304.296.8216

800.640.8216

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

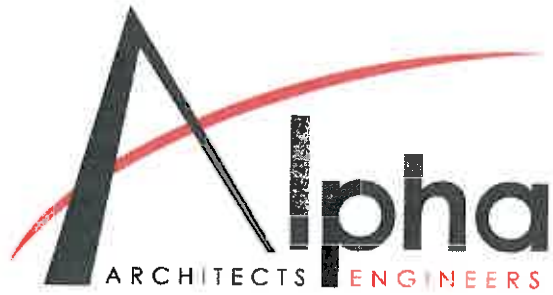
Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Civil Engineer/Project Manager:

- 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 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



ALPHA RESUMES

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 the 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.

Charles B. Luttrell, PE | Principal, Structural Engineer

PROFILE

Broad-based responsibilities in the following areas:

- Bridge Structural Design and Analysis
- Innovative Bridge Materials Applications
- Building Structural Design and Analysis
- Historical Restoration and Evaluations

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; Morgantown, 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
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV
- Alderson Broaddus College, Rex Pyles Arena Deck; Philippi, WV
- Mountaineer Middle School Renovation; Morgantown, WV
- Salem International Building Inspections; Salem, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge, Morgantown, WV
- Ices Ferry Bridge, Morgantown, WV





ALPHA RESUMES

Charles B. Luttrell, PE | Principal, Structural Engineer

EMPLOYMENT HISTORY

- 1996 – Current Alpha Associates, Incorporated
- 1995-1996 Larry D. Luttrell, PE, Ph D
- 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
 - ✓ Buttoned overlap shear failures
- Composite Cold Formed Steel and Concrete Deck Research
 - ✓ Line load behavior/failures
 - ✓ Concentrated load behavior/failures
 - ✓ Web crippling
 - ✓ Punch failures



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Contact

Charles B. Luttrell

304.296.8216

800.640.8216

charlie.luttrell@thinkalphafirst.com



ALPHA RESUMES

SUMMARY

Ms. Key has worked in the architectural field for over 35 years. She serves as Project Architect/Project Manager for numerous architectural designs at Alpha Associates, Incorporated. 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.

Rebecca Key, AIA, LEED-AP | Architect, Associate



PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Education

- Ridgedale Elementary; Morgantown, WV
- Mountaineer Middle School; Morgantown, WV
- Pineville Elementary; Pineville, WV
- Huff Consolidated School; Hanover, WV

Historic Renovations

- Cass Scenic Railroad - Clubhouse Renovation; Cass, WV
- Berkeley Springs Bathhouse; Berkeley Springs, WV
- Hawks Nest State Park Picnic Pavilion; Anstead, WV
- Hawks Nest State Park CCC Museum; Anstead, WV

Recreation

- Ruby McQuain Amphitheater; Morgantown, WV
- North Fork Hughes River State Park; Ritchie County, WV

Dormitory and Multi-Family

- Fairmont State University Prichard Hall Renovation; Fairmont, WV
- WVU Boreman Hall; Morgantown, WV
- Augusta Apartment Building; Morgantown, WV
- Grand Central Apartment

Municipal & State Government

- WV State Office Building; Clarksburg, WV
- Mon County Family Court Renovation; Morgantown, WV
- Mon County Sheriff's Department; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- WV State Office Building; Parkersburg, WV



ALPHA RESUMES

Rebecca Key, AIA, LEED-AP | Architect, Associate



EMPLOYMENT HISTORY

2000 – Current	Alpha Associates, Incorporated
1983-1999	Alexander Key and Associates
1978-1983	Webster Clothes; Director of Store Planning

EDUCATION

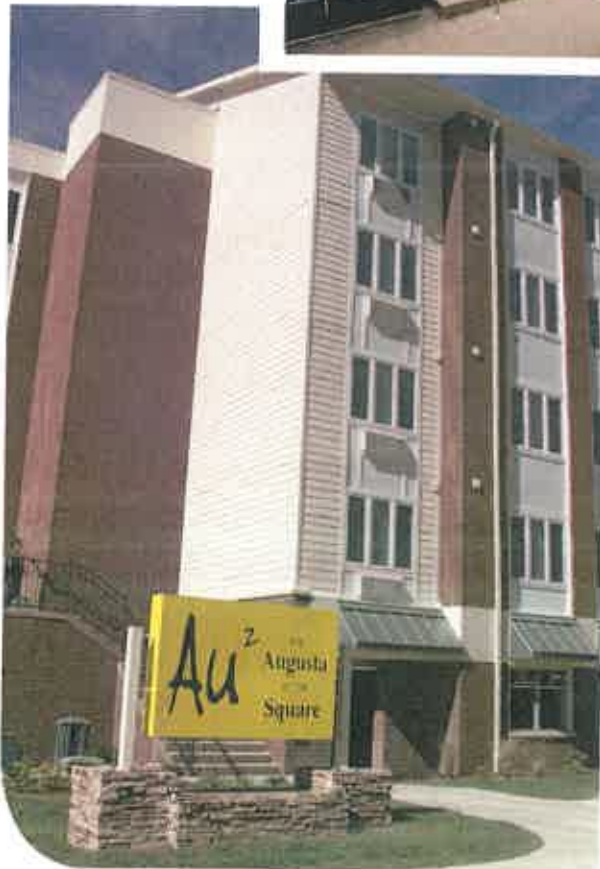
University of Maryland
 Bachelor of Architecture; 1977
 Maryland Institute College of Art
 Coursework in Furniture Design; 1986-1987

QUALIFICATIONS

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



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Contact

Rebecca Key
 304.296.8216
 800.640.8216

rebecca.key@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

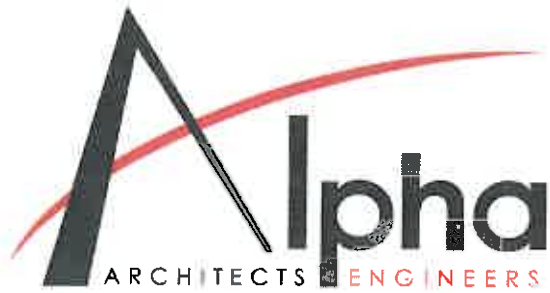
Broad-based responsibilities in the following areas:

- 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 Casdorph, PE, PS | Civil Engineer

EMPLOYMENT HISTORY

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

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

AFFILIATIONS

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



ALPHA RESUMES

Matthew T. Echard, PE | Structural Engineer, Associate

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 the United States, Europe, and the Middle East, Mr. Echard returned to West Virginia to provide world-class service in a historically underserved 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.

EMPLOYMENT HISTORY

2016-Current	Alpha Associates, Incorporated
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)

PROFILE

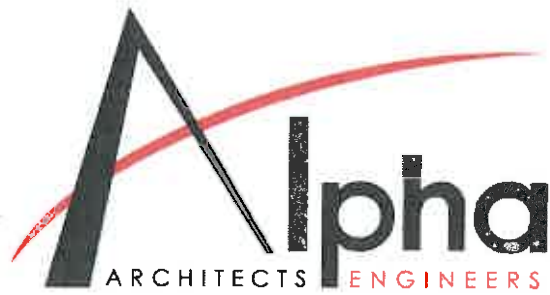
Broad-based responsibilities in the following areas:

- Structural Engineering
- Structural Forensics
- Project Management

PROFESSIONAL HIGHLIGHTS

Structural Engineering:

- Grant County Bank; Petersburg, WV
- WVDOH Arnettsville Bridge Replacement; Monongalia County, WV
- WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV
- Jane Lew Truck Stop; Jane Lew, WV
- Queen Street Underpass; Martinsburg, WV
- Westover Goodwill Structural Design; Morgantown, WV
- Weyerhaeuser Roof Evaluation; Heaters, WV
- Weyerhaeuser OSB Facilities Alterations; Heaters, WV
- Weyerhaeuser Hazardous Material Transfer Encloser; Heaters, WV
- Mapletown High School Elevator; Mapletown, PA
- Knauf Insulation Melter Line Structural Supports ; Inwood, WV
- Knauf Insulation Cooling Tower & Heat Exchanger Structure & Foundations; Inwood, WV
- 57 Middleway Pike Commercial Building; Inwood, WV
- GrafTech Furnace Structural Assessment; Grafton, WV
- FedEx Distribution Facility Structural Damage Assessment; Morgantown, WV
- Los Mariachis UTC; Morgantown, WV



ALPHA RESUMES

Matthew T. Echard, PE | Structural Engineer

EMPLOYMENT HISTORY

2016-Current	Alpha Associates, Incorporated
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 ICSEA2010 - First International Conference on Structures and Architecture Guimarães, 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.

think  first.com

Contact

Matthew T. Echard

304.296.8216

800.640.8216

matthew.echard@thinkalphafirst.com



Education:

West Virginia Institute of Technology - B.S. Electrical Engineering

Professional Registrations:

Professional Engineer, West Virginia, Ohio, Pennsylvania, Maryland and Virginia
LEED Accredited Professional

Professional Memberships:

National Society of Professional Engineers
West Virginia Society of Professional Engineers
American Institute of Architects - WV Chapter
U.S. Green Building Council

Continuing Education:

2014 Commercial Buildings Energy Code Workshop - ASHRAE 90.1 - 2007
2017 Lightfair International, Philadelphia, PA

Professional Experience:

Responsible for project management and electrical design at Allegheny Design Services. Experience includes over 20 years in electrical design and project management for industrial, commercial, residential, institutional, educational, and recreational facilities. Building system design includes lighting, site lighting, power distribution, communications, surveillance, access control, and fire protection. Past accomplishments include design and construction administration of health care, schools, municipal, sports, commercial and retail facilities.

Experience Record:

Allegheny Design Services, LLC, MEP Project Manager	June 2009 - Present
MSES Consultants, Project Electrical Engineer	August 1990 - June 2009
Triad Engineering Consultants, Staff Electrical Engineer	May 1988 - August 1990
Duke Power, Design Engineer	August 1985 - May 1988

Project Experience Includes:

Experience includes estimating, design, project management, coordination, and project engineering for construction projects:

Parish Center for Immaculate Conception Church, Clarksburg, WV
WVU Milan Puskar Stadium Ad Board Upgrades, Morgantown, WV
Mountaineer Medical Office Building, Bridgeport, WV
WVU Visitor's Resource Center, Morgantown, WV
Total Dental Office Building, Bridgeport, WV
Mia Margherita Restaurant, Bridgeport, WV
Premier Chevrolet Buick, Morgantown, WV
WVU College Park Apartments, Morgantown, WV
Morgantown Event Center, Morgantown, WV
WVU Percival Hall Chiller Replacement, Morgantown, WV
Mylan Pharmaceuticals, Greenbag Road Facility, Morgantown, WV
Bank of Gassaway, Flatwoods, WV
Veterans Nursing Facility, Clarksburg, WV
Harrison Co. 4-H & Recreation Center, Clarksburg, WV
Robert L. Bland Middle School Renovation, Weston, WV
Stonewall Jackson Resort Lodge, Stonewall Jackson Lake, WV
Ripley Municipal Building, Ripley, WV
Wheeling Jesuit Science and Technology Building, Wheeling, WV
Fairmont State University Athletic Field Lighting, Fairmont, WV
Harrison Marion Regional Airport Runway Extension, Bridgeport, WV
Various school renovations and additions
Streetscape projects in Clarksburg, Bridgeport, Weston, Morgantown, and WVU



Education:

West Virginia Institute of Technology – B.S. Mechanical Engineering

Professional Registrations:

Professional Engineer, West Virginia, Pennsylvania, Ohio, Maryland and Virginia.
LEED AP BD+C Professional Accreditation
NCEES Record Certificate

Professional Memberships:

American Society of Heating, Refrigerating and Air-Conditioning Engineers
- Secretary Mountaineer Chapter
- Student Activities Chair Mountaineer Chapter
U.S Green Building Council
National Fire Protection Association
- Architects Engineers and Building Officials Chapter Member

Continuing Education:

2009 ASME HVAC Systems: Sizing and Design - April 27-29 - Orlando, FL
2013 Commercial Buildings Energy Code Workshop - ASHRAE 90.1 - 2007 - West Virginia University
2013 Mitsubishi Diamond Designer Seminar 1 - October 31 - Charleston, WV

Professional Experience:

Responsible for HVAC & plumbing design at Allegheny Design Services. Experience includes mechanical design and project management for industrial, commercial, institutional, education, and recreational facilities. Building system designs include packaged gas heating / dx cooling, split systems, air distribution systems, boiler & chiller systems, VAV & VVT zone control, indoor air quality ventilation and server room cooling. Plumbing systems include sanitary, domestic water, fuel gas, and storm drainage. Implemented sustainable building design concepts, and provided construction administration to achieve LEED certification for new construction projects.

Experience Record:

Allegheny Design Services, LLC, Senior Mechanical Engineer	June 2009 - Present
March-Westin Company, Project Manager	August 2006 - June 2009
Contracting Engineering Consultants, Detailer	May 2006 - August 2006
Special Metals, Corrosion Lab Technician	May 2005 - January 2006
Oasis Landscaping, Landscaper	May 2004 - September 2004
GC Services, Account Representative/Team Leader	May 2002 - October 2003

Project Experience Includes:

Experience includes estimating, design, project management, coordination, and project engineering for construction projects:

Beitzel / Pillar Innovations Office Building, Morgantown, WV
GSA Charleston LEED Administration, Charleston, WV
Jerry Dove Medical Office Building, Bridgeport, WV
Percival Hall Chiller & Cooling Tower Replacement, Morgantown, WV
Thrasher Engineering Office Building, Bridgeport, WV
RL Bland Middle School Field House Renovation, Lewis, WV
South Ridge Church, Fairmont, WV
Stephoe and Johnson Office Building, Clarksburg, WV
Upshur County Communication Center, Buckhannon, WV
WVU Alumni Center, Morgantown, WV
WVU Biomedical Research Facility, Morgantown, WV
WVU Milan Puskar Locker Room Renovations, Morgantown, WV
WVU Office Fitout at Marina Tower, Morgantown, WV
WVU Creative Arts Center Rehearsal Hall, Morgantown, WV



**ALEXANDER (ALEX) L. CLARKSON, EIT
JR. MECHANICAL ENGINEER**

Education:

West Virginia University - Morgantown, WV - B.S. Mechanical Engineering

Professional Registrations:

West Virginia EIT Certification

Professional Memberships:

WVU Student Branch of American Society of Heating, Refrigerating and Air-Conditioning Engineers

* President for Spring 2015 semester

* Treasurer for Fall 2014 semester

Professional Experience:

Responsible for assistance in HVAC & plumbing design at Allegheny Design Services. Experience includes mechanical, electrical, plumbing designs and construction administration, for state government, educational, recreational and commercial facilities. Mechanical system designs include packaged gas heating, dx cooling, split systems, air distribution systems, boiler and chiller systems, VAV & VVT zone control and server room chilling. Electrical system designs include power distribution, lighting, communications, and fire protection. Plumbing system designs include sanitary, domestic water and fuel gas.

Experience Record:

Allegheny Design Services, LLC, Jr. Mechanical Engineer	June 2015 - Present
Allegheny Design Services, LLC, Engineering Intern	March 2015 - May 2015
Miller Engineering, MEP Engineering Intern	May 2014 - March 2015
Clarkson Enterprises, Maintenance Worker	May 2008 - August 2011
St. Sebastian's Church, Maintenance Worker	August 2007 - August 2009

Project Experience Includes:

Experience includes estimating design, construction administration, and /or project engineer for projects:

Beech Fork State Park, Barboursville, WV
Canaan Valley State Park, Davis, WV
Bartlett House, Morgantown, WV
DHHR Office Building, Parkersburg, WV
Bobtown Elementary School, Bobtown, PA
Dorsey Elementary School, Morgantown, WV



ALPHA EXPERIENCE

Interior Design | Administrative

Executive Finishes

Monongalia County Sheriff Building
Morgantown, WV

(Left) For the elevator lobby, linear cove lighting was chosen to illuminate the space. The soft lighting pairs with the "rug-like" pattern created by different sized, two-toned porcelain tile. While creating a welcoming space, the porcelain tile provides durability the space requires.

(Top right) A waiting area near the elevator lobby continues the patterned porcelain tile. It provides a small seating area with windows that overlook the entrance. The benches help to provide a clean and open area.

(Top left) The conference room employs cove lighting in two bulkheads to provide uniqueness to the room. Paneling was used for the wainscot and chair rail. The covering was stained in the field to match the other casework in the building. This provides a cohesive look while keeping the material affordable.

At a Glance

CLIENT: Mon County
Commission

LOCATION: Morgantown, WV

COMPLETION DATE: 2011

SIZE: 31,655 SF

CONSTRUCTION COST: \$7.9 Million



Project Contact:

Sheriff Al Kisner

116 Walnut St

Morgantown, WV

304-291-7290



ALPHA EXPERIENCE

Interior Design | Administrative

Furnishings & Casework

Monongalia County Sheriff Building
Morgantown, WV

(Left) The mail custom mail slots were designed based upon the size and quantity of material being distributed to personnel. This included varying sizes of slots. It also featured access from either side for ease of distribution.

(Top right) The customized reception area included built-in counters and drawer boxes. The overhead unit was customized to include tackboard and specific areas for office forms.

(Top left) The typical workspace for a sheriff deputy utilized manufactured, modular office furniture. Each area was outfitted with file boxes, an overhead storage unit, tackboard, and bookshelves. The space was to be largely used as a workspace to process end-of-shift paperwork.

Project Contact:

Sheriff Al Kisner
116 Walnut St
Morgantown, WV
304-291-7290

At a Glance

CLIENT: Mon County Commission
LOCATION: Morgantown, WV
COMPLETION DATE: 2011
SIZE: 31,655 SF
CONSTRUCTION COST: \$7.9 Million



ALPHA EXPERIENCE

Interior Design | Government

Finishes Case Study

West Virginia State Office Building
Clarksburg, WV

(Left) Patterned terrazzo flooring provided a decorative path in the main hall of the lower level. The three colors are continued in the polished granite wall cladding and other finishes, such as the aluminum finish on the column covers. The column covers in this area had black reveals to add interest.

(Upper Left) Off the building's main lobby is the entrance to different agencies. These entrances are framed with the granite clad walls, terrazzo flooring, and brushed aluminum column covers. The finishes allow for the glass storefront entrances to be easily noticeable, directing people to their doors. In this area, the column covers do not have the black reveals, but have 3-dimensional black rings.

(Upper Right) Durable materials of porcelain tile and quartz countertops were used at the teller stations of the Dept. of Motor Vehicles. Porcelain tiles were used at the front of the teller stations within the "kick zone", while rubber flooring was used in the walk ways. The rubber flooring mimicked the look of the terrazzo flooring that was used in the building's main lobby and the acoustical properties of the space. The porcelain tile not only provided durability, but the clean look that was needed for this public agency.

Project Contact:

Robert Krause
1900 Kanawha Blvd, East
Charleston, WV 25305
304-558-2317

At a Glance

CLIENT: State of West Virginia
LOCATION: Clarksburg, WV
COMPLETION DATE: 2016
SIZE: 88,491 sq. ft.
CONSTRUCTION COST: \$24.9 Million





ALPHA EXPERIENCE

Interior Design | Financial Market

Interior Architecture

Clear Mountain Bank

Various Locations

Visiting a bank is not an everyday occurrence for most people. With the prevalence of ATM's, direct deposit, and debit cards, going into a bank can be a rarity. When they do go, it's to talk about one of life's biggest stressors: money. Whether it is for a mortgage, creating a new account, opening a new line of credit, or just depositing a check, going to the bank can be a stressful part of the day.

By utilizing natural materials and colors of the surrounding Appalachian landscapes, the interior is meant to create a warm and inviting area mimics the nature of the owners of the institution. The "home-like" atmosphere is brought to life with comfortable seating, a coffee bar, fireplaces, and rustic décor. This atmosphere attempts to ease the discomfort of going to the bank and it draws in customers, both old and new, that the community bank invests in.



Project Contact:

Mark Randalls

102 Venture Drive, Suite 3

Morgantown, WV

301-292-5429

At a Glance

CLIENT: Clear Mountain Bank

LOCATION: Various Locations

COMPLETION DATE: 2002-2011

SIZE: Varying (5,000-19,000)

CONSTRUCTION COST: Varying (Private Client)





ALPHA EXPERIENCE

Interior Design | Government

Furnishings Case Study

**West Virginia State Office Building
Clarksburg, WV**

(Left) Private offices were provided with a variety of types of storage. This included hanging storage and portable file storage. The case good furnishings were coordinated to match with other hardwoods in the building.

(Upper Left) A pre-manufactured rolling file system was placed on the second floor for one of the government agencies. This filing system allowed for efficient use of the space and gave the agency more filing space to fulfill their needs. Due to the weight, the floor guide rails were installed with other supportive steel structure during construction.

(Upper Right) In the 4th floor large conference room, tables and chairs on casters were provided. This allowed for additional functionality of the space depending on the needs of the user. In addition, the table tops matched other hardwoods in the building, and the legs of the furniture coordinated with the color palette of the room.

Project Contact:

Robert Krause

1900 Kanawha Blvd, East

Charleston, WV 20305

30-558-2317

At a Glance

CLIENT: State of West Virginia

LOCATION: Clarksburg, WV

COMPLETION DATE: 2016

SIZE: 88,491 Sq. Ft.

CONSTRUCTION COST: \$24.9 Million





ALPHA EXPERIENCE

State Office Building | 2016

Architectural Case Study

West Virginia State Office Building
Clarksburg, WV

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for a new State Office Building in Clarksburg, WV. The building is designed as an 88,491 square foot; four story office building that will hold State agencies.

The structure is brick, and structure glazed brick, and concrete frame. The project incorporated traditional and non-traditional interior partitions for offices. The building faces East/West to provide maximum passive solar benefit for energy savings, through the design of the mechanical systems. The project will be applying for Silver Certification under LEED standards.

This project is currently going to construction and is estimated to be completed in 2016.

Project Contact:

Robert Krause
1900 Kanawha Blvd, East
Charleston, WV 25305
304-558-2317

At a Glance

CLIENT: State of West Virginia
LOCATION: Clarksburg, WV
COMPLETION DATE: 2016
SIZE: 88,491 sq. ft.
CONSTRUCTION COST: \$24.9 Million





ALPHA EXPERIENCE

Sheriff's Building | 2011

Architectural Case Study

Monongalia County Sheriff's Building
Morgantown, WV

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for this new building that houses offices for the Monongalia County Sheriff's Department and other County agencies.

Site constraints and adjacent overhead structures made the development and construction of the project very challenging.

The ground floor includes the sheriff's department, evidence room and several bailiff rooms. The remaining floors are designed to house flexible office space.

Restricted access, combined with a high level of security, both passive and active systems were part of the design program.

Project Contacts:

Sheriff Al Kisner or **Robert Doyle**
116 Walnut St. **243 High St.**
Morgantown, WV **Morgantown, WV**
304-291-7290 **304-291-7268**

At a Glance

CLIENT: Mon County Commission
LOCATION: Morgantown, WV
COMPLETION DATE: 2011
SIZE: 31,655 sq. ft.
CONSTRUCTION COST: \$7.9 Million



ALPHA EXPERIENCE

BSGG Professional Building | 2007

Architectural Case Study

BSGG Professional Building
Morgantown, WV

Alpha designed a Professional Medical Arts Building, anchored by Morgantown Dental Group with remaining areas developed as condominium style offices for other dental professionals. The other dental professionals will be "Referred" and "Preferred" professionals of Morgantown Dental Group.

Total area will be approximately 28000 sq. ft. Height 3 and a half stories, with the half story being a partial basement, for mechanical system, etc.

Project Contact:

Ed Hawkins
BSGG, LLC
142 High Street
Morgantown, WV 26505
304-292-7307

At a Glance

CLIENT: BSGG, LLC
LOCATION: Morgantown, WV
COMPLETION DATE: Design: 2007; Multiple Phases
SIZE: 28,000 sq. ft.
CONSTRUCTION COST: \$4 Million





Allegheny
Design Services
Consulting Engineers

PROJECT PROFILE

White Hall Public Safety Building White Hall, WV



MEP ENGINEER:
CONTRACTOR:

Allegheny Design Services, LLC, Morgantown, WV
Huffman Corporation, Bridgeport, WV

PROJECT SCOPE:

- 1-Story 10,634 SF Office Renovation of an existing 13,569 SF building
- An additional 4,090 SF Addition (Apparatus Room)
- An additional 1,258 SF Police Addition
- A separate 2,800 SF Garage

PROJECT COMPLETION: 2019



Allegheny
Design Services
Consulting Engineers

PROJECT PROFILE

West Virginia State Police & West Virginia State Police Garage Fairmont, WV



MEP ENGINEER:
CONTRACTOR:

Allegheny Design Services, LLC, Morgantown, WV
Accelerated Construction Services, Morgantown, WV

PROJECT SCOPE:

- New 14, 800 SF Police Building and 4,400 SF Garage
- 600 AMP, 120/208, 3 Phase Electrical Service with Emergency / Stand-By Generator
- Split System Air Conditioning Units with Natural Gas Condensing Furnaces
- Radiant Garage Heat

PROJECT VALUE:
Million

\$ 3.5

PROJECT COMPLETION:

2017





Allegheny Design Services

Consulting Engineers

PROJECT PROFILE

Upshur County Communications Center Buckhannon, WV



MECHANICAL ENGINEER:
GENERAL CONTRACTOR:

Allegheny Design Services, LLC, Morgantown, WV
Huffman Corporation, Bridgeport, WV

PROJECT SCOPE:

The project consists of a 4,500 SF emergency services communication center. The heating and cooling systems are electric split system heat pumps with supplemental electric resistance heat. Redundant air handlers and condensers serve mission critical spaces with N+1 redundancy. The air handlers and exhaust system sequence of operations work in conjunction with the clean agent fire suppression system.

PROJECT VALUE: \$750,000

PROJECT COMPLETION: May 2011



Allegheny Design Services

CONSULTING ENGINEERS

PROJECT PROFILE

Beckley Police Department Beckley, WV



PROJECT ARCHITECT:
MEP ENGINEER:
CONTRACTOR:

The Thrasher Group, Inc., Bridgeport, WV
Allegheny Design Services, LLC, Morgantown, WV
Persinger & Associates, Inc., Charleston, WV

PROJECT SCOPE:

- New 25,000 SF 2-story Police Department Headquarters.
- Packaged DC rooftop equipment and VAV units with hot water heat from high efficiency condensing boiler system.
- Radiant heat sidewalk snowmelt system.
- Emergency power electric generator.

PROJECT VALUE: \$ 5 Million

PROJECTED COMPLETION: Fall 2018





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

Handwritten signatures: [Signature 1], [Signature 2], [Signature 3]



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. Casdorff

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 Capital in the
City of Charleston,
This 29th day of December
in the year of our Lord 2005
and of the State
the One Thousand Fourty-Second

Members of the Board

James D. Thomas, Jr. *Retha E. Depner*
Blayne S. Schuff *William E. Dixon*



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 [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 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 Gaddy

Secretary: Kenneth H. Means
President: Robert L. Little



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. Richard

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

James D. Timms, Jr. Richard E. Dwyer
Bhajan S. Sahja William E. Vosen

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 25th
day of September 1994

[Signature] President.
[Signature] 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

Charles B. Luttrell

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT

By laws, 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

Handwritten signatures: [Signature 1], [Signature 2], [Signature 3]

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*

ALPHA ASSOCIATES, INC.

C00012-00

Engineer in Responsible Charge: RICHARD A COLEBANK - WV PE 010346

*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:*

January 1, 2018 - December 31, 2019

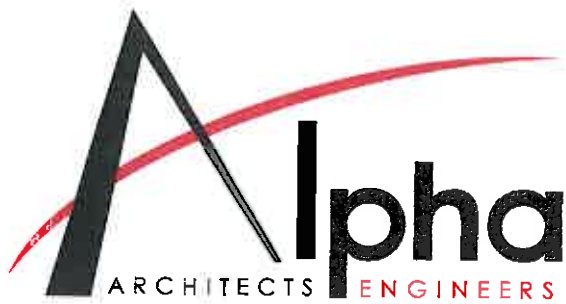
providing for the practice of engineering services in the State of West Virginia.

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 COM
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT



REFERENCES

Jim King

WV Higher Education Policy Council

1018 Kanawha Boulevard, East, Suite 700
Charleston, WV 25301-2800
304-558-0281 ext. 206

Bill Clark, Executive Director

Region 9 Planning and Development Council

400 West Stephen Street Suite 301
Martinsburg, West Virginia 25401
304-263-1743

David Hildreth

State of West Virginia

1409 Greenbrier Street
Charleston, WV 25305
304-558-0510

Former Mayor Jesse Corley

Town of White Hall

2119 Fairmont Avenue
White Hall, WV 26554
304-367-1687

Damien Davis, City Engineer

City of Morgantown

389 Spruce Street
Morgantown, WV 26505
304-284-7412

Brad Leslie

Division of Natural Resources

324 4th Avenue
South Charleston, WV 25303
304-558-2764

"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."

J. Paul Walden
West Virginia University

Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard.

Robert Hammel, Former Director
Morgantown Municipal Airport