



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

**Solicitation**

NUMBER
DNR213073

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
GUY NISBET 804-558-8802

VENDOR

RFQ COPY  
 TYPE NAME/ADDRESS HERE  
 Alpha Associates, Inc.  
 209 Prairie Avenue  
 Morgantown, WV 26501

SHIP TO

DIVISION OF NATURAL RESOURCES  
 ROUTE 1, BOX 1A  
 BELLVILLE, WV  
 26133

DATE PRINTED
04/12/2013

BID OPENING DATE: 05/21/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES (WVDNR) IS SOLICITING "EXPRESSION OF INTEREST" FROM QUALIFIED ARCHITECTURAL AND ENGINEERING FIRMS FOR THE REPAIR OF DAMAGED ROOFS ON BUILDINGS AT THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES; BELLEVILLE FIELD STATION, IN WOOD COUNTY, PER THE ATTACHED SPECIFICATIONS.						
***** THIS IS THE END OF RFQ DNR213073 ***** TOTAL: _____						
05/21/13 09:53:36 AM West Virginia Purchasing Division						

SIGNATURE 	TELEPHONE 304-296-8216	DATE 05-20-13
TITLE President & COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

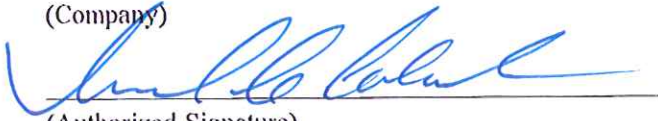
WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**CERTIFICATION AND SIGNATURE PAGE**

By signing below, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid or proposal for review and consideration; that I am authorized by the bidder to execute this bid or any documents related thereto on bidder's behalf; that I am authorized to bind the bidder in a contractual relationship; and that to the best of my knowledge, the bidder has properly registered with any State agency that may require registration.

Alpha Associates, Incorporated

(Company)



(Authorized Signature)

Richard Colebank, PE, PS - President and COO

(Representative Name, Title)

304-296-8216

(Phone Number)

304-296-8216

(Fax Number)

May 20, 2013

(Date)

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.:** DNR213073

**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, Incorporated

Company



Authorized Signature



Date

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

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**MANDATE:** 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 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, Incorporated

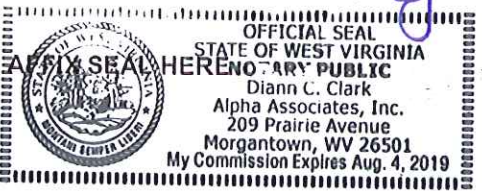
Authorized Signature: [Signature] Date: May 20, 2013

State of West Virginia

County of Monongalia, to-wit:

Taken, subscribed, and sworn to before me this 20th day of May, 2013

My Commission expires Aug. 4, 2019



NOTARY PUBLIC [Signature]



## WV Purchasing Division

### Division of Natural Resources

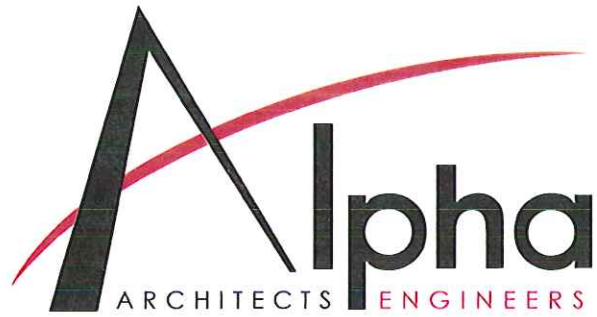
Belleville Field House Roof Repair

May 21, 2013

**EXPRESSION OF INTEREST**



think **Alpha** first.com



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May 21, 2013

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

Attn: Mr. Guy Nisbet

**Re: RFP #: DNR213073  
A/E Services for Belleville Field Station Roof Repair**

Dear Mr. Nisbet,

Alpha Associates, Incorporated is pleased to submit this proposal to provide architectural and engineering design services for the repair of two damaged roofs at the Belleville Field Station in Wood County. After reviewing the information given in the solicitation for proposals, Alpha is certain that we have the experience, knowledge, and capacity to successfully complete all of the services requested.

Alpha's 44 years of providing professional design services, combined with our knowledge of working with the West Virginia Division of Natural Resources makes us the perfect partner for you on this project. Alpha has worked with the DNR on multiple projects in recent years including the Hawks Nest State Park Lodge, the Berkeley Springs Bath House and the Cass Scenic Railroad Clubhouse.

Alpha is a West Virginia based firm, with offices in Charleston, Morgantown and Martinsburg. Alpha has been serving West Virginia and the surrounding states since 1969. Our unique combination of in-house design services and specific expertise will allow us to complete all aspects of the design, and provide the Division of Natural Resources with a seamless project that will meet your needs for years to come.

Alpha's staff has successfully completed numerous roof replacement/upgrade projects, including on historic structures. Alpha's in-house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the Division of Natural Resources with the most accurate estimates of probable construction cost.

Alpha's design staff has the knowledge, experience and ability to complete your project on-time and within budget. You will have a dedicated project team that will work closely with you from project conception through completion to ensure the project's success. The following key employees will provide you with quality service, as well as accurate and concise plans and specifications that will minimize the need for Change Orders.

**Richard A. Colebank, PE, PS** – Rick will serve as the Principal-In-Charge for this project. As Alpha's team leader, he will be your primary point-of-contact throughout the project, providing design, project overview and quality control during each phase of the design and construction. Rick will also direct our staff's efforts to deliver your project on schedule and within budget

**Rebecca Key, AIA, LEED-AP** – Rebecca will be the Project Manager for this project. She will coordinate Alpha's technical efforts as well as have primary responsibility for design presentation, drawings and specifications.

**Charlie Luttrell, PE** – Charlie will be the Structural Engineer for your roof repair project. He will work closely with our architectural staff to determine any existing problems and to ensure structural stability of the two buildings.

Resumes of all key staff members are included with this proposal.

This project is a perfect fit for our team. Alpha's team has the ability to handle all design aspects in their entirety. Our quality work, professionalism and dedication are unparalleled among our competitors. We look forward to working with the Division of Natural Resources on another project. Our staff will make your project a priority.

Sincerely,

**ALPHA ASSOCIATES, INCORPORATED**



Richard A. Colebank, PE, PS  
President and COO

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





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## FIRM PROFILE

### Firm Profile

#### FIRM NAME

Alpha Associates, Incorporated

#### OFFICE LOCATIONS

209 Prairie Avenue  
Morgantown, West Virginia 26501

535 West King Street  
Martinsburg, West Virginia 25401

2506 Kanawha Blvd. East  
Charleston, WV 25311

#### 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  
Steven V. Buchanan, PE, PS; Principal  
Matthew S. Breakey, AIA, LEED-AP; Principal  
Charles B. Branch, PE; Principal

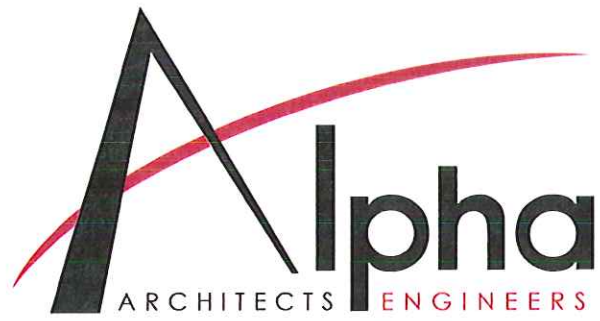
#### NUMBER OF EMPLOYEES

33 Employees

#### SERVICES

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

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



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## ALPHA'S HISTORY

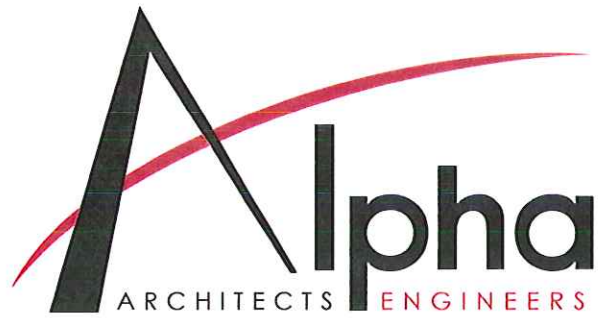
Alpha Associates, Incorporated, is an architectural and engineering firm that provides services in the areas of architectural design, civil engineering, structural engineering, interior design, landscape design, construction administration, project management, and surveying. Our clients benefit from 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 throughout the state of West Virginia. Our work is diverse and includes clients in commercial, educational and governmental facilities, developers and private organizations. Alpha's architects and engineers have recent, relevant project experience that will enable your project to be completed on time and within budget.

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.

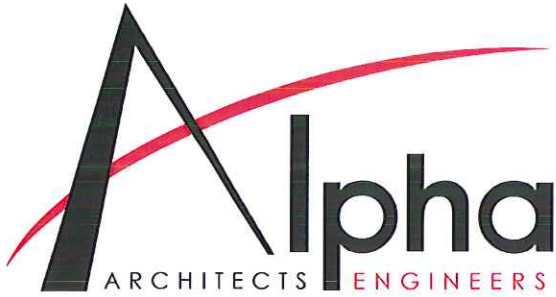
Everyone at Alpha, from the President to the administrative staff, all work towards the goal of completing successful projects. Our principals are involved with projects from the earliest stages right through final completion and beyond. They will consistently update you on your project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of 33 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 44 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. The Alpha our clients have been able to rely on since 1969 is the same Alpha our clients can continue to rely on for many more years to come.



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## COST AND BUDGET

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many architectural 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 design 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.

Another recent project success was a multi-million construction project for West Virginia University. This project, an addition to the Agricultural Sciences Building, also had an accelerated project schedule and was completed on time and within the budget.

Successful project management depends upon consensus regarding work efforts, milestones and goals. The 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 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. 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. Understandably, the faculty, staff and students who will be using the facilities want the latest technology and the best possible facilities. With that being said, someone needs to keep control of the project and assign a dollar factor to the "wish list" items.

Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the college with the most accurate estimates of probable construction cost.



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## COMMUNICATION

Alpha Associates, Incorporated understands the importance of communication between Owner, Architect/Engineer and Contractor. That is why Alpha utilizes a variety of tools to communicate with our clients and contractors.

One tool that Alpha frequently uses is our FTP site, which allows our staff to transfer files between Alpha, clients, and contractors. The FTP site allows clients and contractors to easily download and upload project materials.

In addition to this method of communication, each of Alpha's staff has e-mail capabilities as well as all Project Principal's and Project Managers are equipped with cell phones for our client's convenience. This helps us to be available whenever and wherever we are needed.

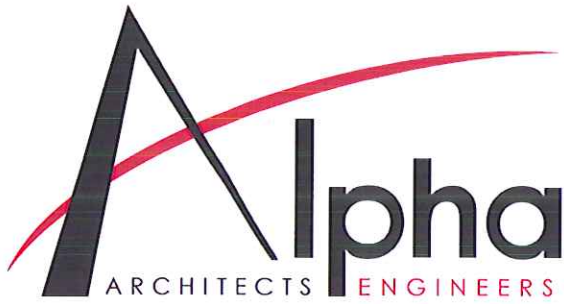
We also understand the benefit of face to face communication and our Project Principals and Project Managers are always available to meet with you in person at your convenience.

Communication plays an integral role in the overall success of a project. Alpha's staff is easily accessible to our client's and contractors from project inception through completion. We are also available to you long after the completion of your project.



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## ALPHA RESUMES

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

### SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. He has been with Alpha Associates, Incorporated since 1985. He began his career with Alpha as a staff engineer and progressed through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of many 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 Civil Engineering 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

#### 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

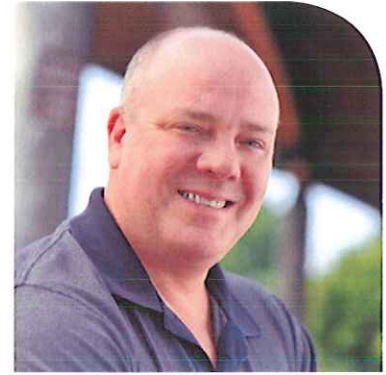
West Virginia University  
 Masters of Business Administration; 1999  
 Bachelor - Civil Engineering; 1982

### QUALIFICATIONS

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

### AFFILIATIONS

- Former NSPE/PEPP Governor of WV
- ACEC/WV; Former President and National Director
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- Monongalia County MPO Technical Advisory Committee; Member
- Morgantown Area Economic Partnership; Member
- American Red Cross, River Valley Chapter B.O.D.



## ALPHA RESUMES

**Charles B. Luttrell, PE** | Principal, Structural Engineer

### 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.



### 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:

- 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, Maryland, 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



## ALPHA RESUMES

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

### SUMMARY

Ms. Key has worked in the architectural field for over 34 years. She is 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.



### PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Interior Design
- Medical Design
- Interior Space Planning
- Historic Renovation

### PROFESSIONAL HIGHLIGHTS

#### Architectural Design:

- Mon County Family Court Renovation; Morgantown, WV
- Mon County Sheriff's Building; Morgantown, WV
- WVU South Agricultural Sciences Building; Morgantown, WV
- Washington High School; Charles Town, WV
- Prichard Hall Renovation; Fairmont State University; Fairmont, WV
- WVU CRRB Renovation, 5th and 7th Floors; Morgantown, WV
- WVU Boreman Hall, Boreman Bistro; Morgantown, WV
- WVU Hatfields Restaurant; Morgantown, WV
- Hart Field Maintenance Facility; Morgantown, WV
- Norwood Fire Station; Morgantown, WV
- FMW Composites; Bridgeport, WV
- Hart Field Terminal Renovation; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- WV State Office Building; Clarksburg, WV
- Ruby McQuain Amphitheater Roof; Morgantown, WV
- Augusta Apartment Building; Morgantown, WV
- Cass Scenic Railroad Clubhouse Renovation; Cass, WV
- Berkeley Springs Bath House Renovation; Berkeley Springs, 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

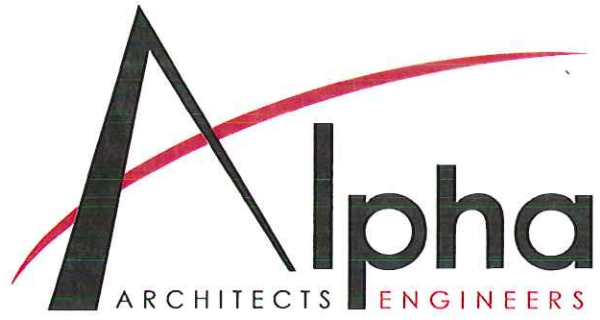
### QUALIFICATIONS

- **License:** Registered Architect: West Virginia, Maryland, Washington DC, New York, Virginia, Pennsylvania
- NCIDQ Certified
- Leadership In Energy and Environmental Design Accredited Professional

### AFFILIATIONS

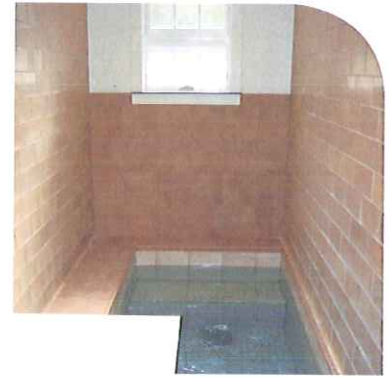
- American Institute of Architects
- West Virginia Society of Architects
- Fairmont, WV ICC Board of Appeal; Board Member
- U.S. Green Building Council
- AIA Liveable Communities
- Marion County Chamber of Commerce





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### ALPHA EXPERIENCE

Berkeley Springs Bath House | 2010

## Historical Case Study

**Berkeley Springs Bath House**  
Berkeley Springs, WV

Alpha designed the renovation of this historic landmark originally built in 1929 with a 1949 addition. The Bath House in Berkeley Springs State Park is open to the public and is operated year round by the Park Service.

The renovation included **restoration of the historic masonry exterior, new roof**, new hot water storage tanks and boilers are a major component of the design, as well as, central air-conditioning, which the Bath House never had before.

The interior design added amenities such as whirlpool baths. The Bath House upgraded to reflect a more "spa-like" ambiance. The existing Roman Baths have new liners and saunas were added for the benefit of the Bath House Patrons.

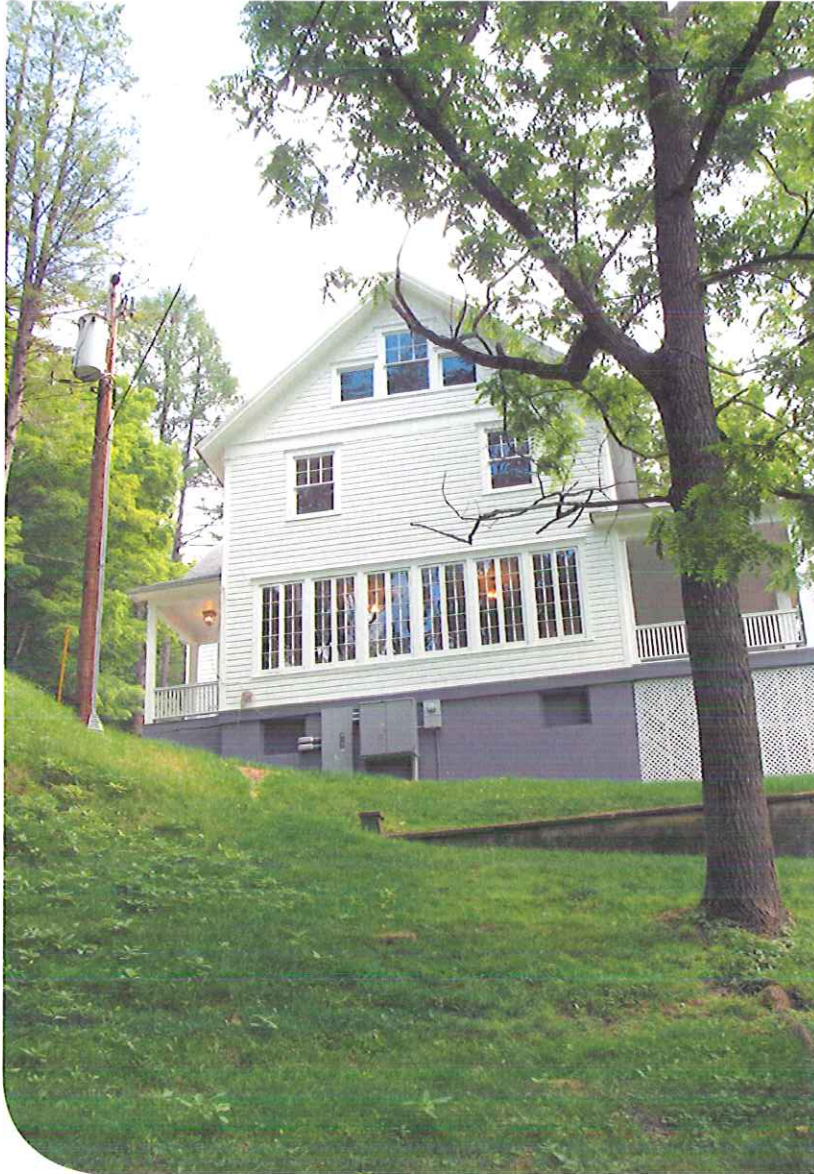
### Project Contact:

**Brad Leslie**  
324 4<sup>th</sup> Street  
South Charleston, WV 25303  
304-558-2764

think  first.com

### At a Glance

**CLIENT:** WV DNR  
**LOCATION:** Berkeley Springs, WV  
**COMPLETION DATE:** 2010  
**SIZE:** 7,127 Sq. Ft.  
**CONSTRUCTION COST:** \$2.2 Million



### ALPHA EXPERIENCE

Cass Scenic Railroad | Reno. 2009

## Historical Case Study

### Cass Scenic Railroad - Clubhouse Renovation Cass, WV

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.

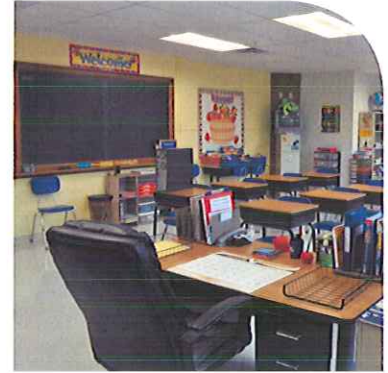
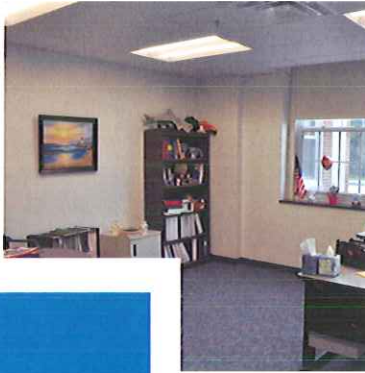
#### Project Contact:

**Brad Leslie**  
324 4<sup>th</sup> Street  
South Charleston, WV 25303  
304-558-2764

#### At a Glance

**CLIENT:** WV DNR  
**LOCATION:** Cass, WV  
**COMPLETION DATE:** 2009  
**SIZE:** 5,163 Sq. Ft.  
**CONSTRUCTION COST:** \$505,000  
**Fee:** \$75,617





**ALPHA EXPERIENCE**

**Mountaineer Middle School** | 2009

**Educational Case Study**

**Mountaineer Middle School**  
Morgantown, WV

This renovation project included the transformation of a high school into a middle school for Mon County Schools. The renovation included new interior finishes, new HVAC and sprinkler systems, **new roof**, new entryway, and the paving and redesign of parking lots and access road to comply with ADA regulations.

The project consisted of the demolition of the 80 year old boiler heating system, removing existing wall partitions and floor coverings, and the abatement of asbestos containing materials.

The renovation also included relocating the administrative offices adjacent to the buildings primary entrance.

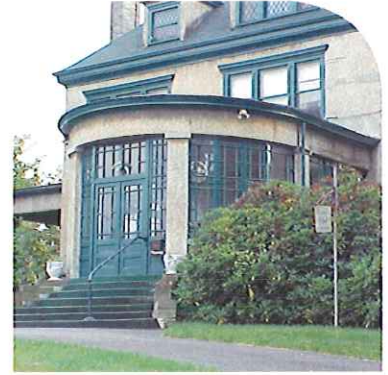
**Project Contact:**

**Ed McCabe**  
13 South High Street  
Morgantown, WV 26505  
304-291-9210

At a Glance

**CLIENT:** Mon County Schools  
**LOCATION:** Morgantown, WV  
**COMPLETION DATE:** 2009  
**SIZE:** 115,780 Sq. Ft.  
**CONSTRUCTION COST:** \$8.4 Million





## ALPHA EXPERIENCE

Women's Club of Fairmont | 2002

### Historical Case Study

**Women's Club of Fairmont**  
Fairmont, WV

This two-story residence was built on a bluff overlooking the Monongahela River in the early 1900s. On the National Register of Historic Buildings, the Women's Club of Fairmont has owned the building since the 1930s.

Alpha Associates, Incorporated provided architectural and engineering design services to upgrade the building in 2002. Our services included a **new roof and downspouts**, fireplace and chimney, and windows.

#### Project Contact:

Mary Jo Thomas  
300 First Street  
Fairmont, WV 26554  
304-363-9414

think  Alpha first.com

#### At a Glance

**CLIENT:** Women's Club of Fairmont  
**LOCATION:** Fairmont, WV  
**COMPLETION DATE:** 2002  
**SIZE:** 6,000 SF  
**CONSTRUCTION COST:** \$120,727



## ALPHA EXPERIENCE

Roof Replacement | Multiple Projects

## Architectural Case Studies

### Roof Replacement Experience

#### Various Locations

- WVU Jackson's Mill 4-H Camp
- Kanawha Cottage and Mount Vernon Dining Hall
- The Robert C. Byrd Health Sciences Center – WVU
- WVU Agriculture Sciences Center
- WVU Admissions and Records
- WVU Fire Training Building
- Buchannon Upshur Middle School
- South Junior High School
- Cheat Lake Elementary School
- Ridgedale Elementary School
- Jakes Run Elementary School
- Buckhannon Upshur High School
- Morgantown High School
- Maysville Elementary School
- Tennerton Elementary School
- Union Educational Complex
- Grafton High School
- Morgantown Municipal Airport
- Mountaineer Middle School
- Berkeley Springs Bath House



## ALPHA EXPERIENCE

Terminal Renovations | 2011

### Architectural Case Study

#### Morgantown Municipal Airport - Terminal Renovation

Morgantown, WV

Alpha Associates provided services for multi-year, multi-phase contracts for improvements to the runways and terminal building.

Terminal renovations provided security upgrades and improvements to the TSA facilities for passenger check-in; improvements to the toilet facilities to facilitate compliance with ADA requirements, improvements and renovations to enhance general aviation services and improvements to the building envelope, mechanical, electrical and fire-life safety systems.

The renovation successfully provided better access through the building, an improved building envelope from a R1 value to R14, a **new roof system** and upgraded the mechanical systems in a phased project that allowed the airport to continue operation on a daily basis during the construction periods.

#### Project Contact:

Bob Hammel  
100 Hart Field Road  
Morgantown, WV 26505  
304-291-7461

#### At a Glance

**CLIENT:** City of Morgantown  
**LOCATION:** Morgantown, WV  
**COMPLETION DATE:** 2011  
**SIZE:** 20,000 square feet  
**CONSTRUCTION COST:** Multiple Phases and Contracts

