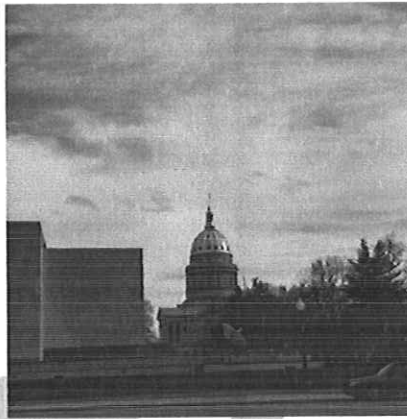
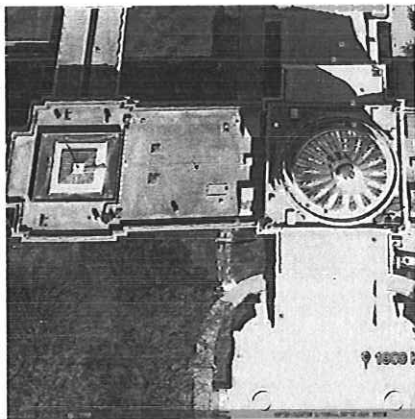


**Department of  
Administration  
General Services**

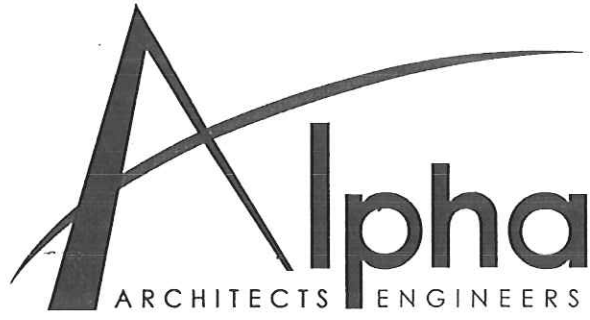
GSD136423: Capitol Building Roof  
Replacement

EXPRESSION OF INTEREST



01/16/13 10:05:30  
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## Table of Contents

LETTER OF INTEREST	<b>1</b>
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State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

**Solicitation**

NUMBER
GSD136423

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL 304-558-2596

VENDOR

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

SHIP TO

DEPARTMENT OF ADMINISTRATION  
 GENERAL SERVICES  
 BUILDING 1 ROOM MB60  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0123 304-558-2317

DATE PRINTED
12/14/2012

BID OPENING DATE: 01/09/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		
A/E SERVICES FOR MAIN CAPITOL ROOF REPLACEMENT						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING EXPRESSIONS OF INTEREST FROM QUALIFIED ARCHITECTURAL AND ENGINEERING FIRMS FOR THE DESIGN OF ROOF REPLACEMENT FOR BUILDING 1 (MAIN CAPITOL) LOCATED ON THE WEST VIRGINIA STATE CAPITOL COMPLEX IN AT 1900 KANAWHA BOULEVARD, EAST IN CHARLESTON, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.						
***** THIS IS THE END OF RFQ GSD136423 ***** TOTAL:						

SIGNATURE	TELEPHONE	DATE
<i>[Signature]</i>	304-296-8216	1-15-13
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
President and COO	550516286	

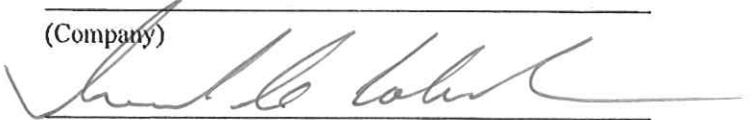
WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**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, Incorporation

\_\_\_\_\_  
(Company)



\_\_\_\_\_  
(Authorized Signature)

Richard A. Colebank, PE, PS - President and COO

\_\_\_\_\_  
(Representative Name, Title)

304-296-8216

\_\_\_\_\_  
(Phone Number)

304-296-8216

\_\_\_\_\_  
(Fax Number)

January 15, 2013

\_\_\_\_\_  
(Date)

**ADDENDUM ACKNOWLEDGEMENT FORM**

**SOLICITATION NO.:** GSD136423

**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:**

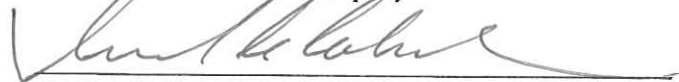
(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input checked="" 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

January 15, 2013

\_\_\_\_\_  
Date

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

RFQ No. GSD136423

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: 1/15/2013

State of West Virginia

County of Monongalia, to-wit:

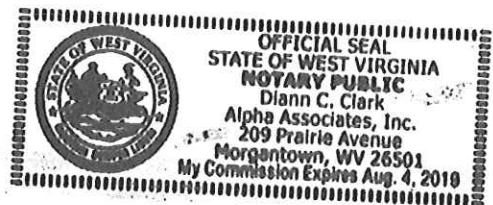
Taken, subscribed, and sworn to before me this 15th day of January, 2013

My Commission expires Aug 4, 2019

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]  
Purchasing Affidavit (Revised 07/01/2012)





January 14, 2013

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

Attn: Ms. Krista Ferrell, Buyer Supervisor

**Re: RFP #: GSD136423**  
**A/E Services for Main Capitol Roof Replacement**

Dear Ms. Ferrell,

Alpha Associates, Incorporated is pleased to submit this proposal to provide design services and bid documents for the roof replacement on the West Virginia State Capitol Building.

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:

- Removal of existing roof
- New roofing system
- Upgrade access ramps across connector roofs
- Provide gutter repairs/replacement

Alpha's combination of in-house design services will allow us to complete all aspects of the design, and provide the General Services Division with a seamless project that will meet your needs for years to come.

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 newly opened Charleston office is located just five blocks from the State Capitol Building, allowing for greater convenience for you.

Over the past 43 years, Alpha has become accustomed to working under tight deadlines while keeping costs under control. We have successfully completed numerous roof replacement/upgrade projects, including two on historic

structures. Alpha's in-house cost estimators, combined with an excellent relationship with contractors throughout the area, will provide the General Services Division 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. Your dedicated project staff will work closely with the General Services Division from project conception until completion to ensure the project's success. We will provide you with quality service that will extend until well after the project is completed.

We realize that time is of the essence. Our staff is accustomed to phased design and construction projects. We have successfully completed numerous projects utilizing this process. Alpha is ready to begin work immediately and will work with you to meet your schedule to begin the first phase of construction during the summer of 2013.

Sincerely,

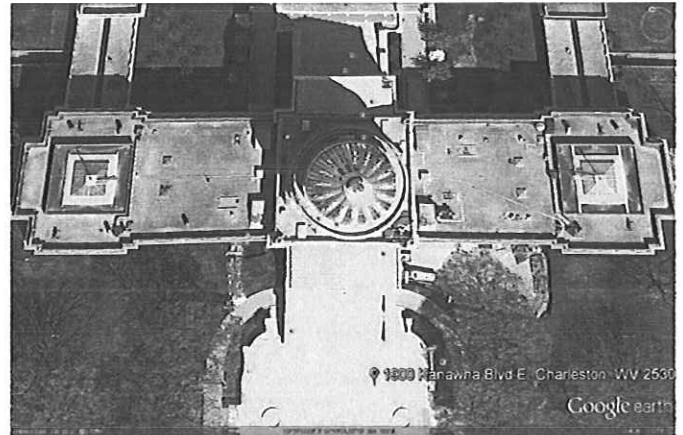
**ALPHA ASSOCIATES, INCORPORATED**



Richard A. Colebank, PE, PS  
President and COO  
[rick.colebank@thinkalphafirst.com](mailto:rick.colebank@thinkalphafirst.com)



Roofing materials and roof accessories may provide more than just protection and sheltering of the building inhabitants from the elements. In historic buildings the materials may provide a look back to a time period when certain materials were routinely used with little regard to the expense of installing it. Expensive material and cheap but skilled labor could result in a 100 year roof.



Today's construction materials are all too often forced upon a populace because of their very "cheapness". However, the cost of labor has also gone up, to the point that the material may be in expensive, but the labor to install it is outsized.

The RFP states that the roof to be replaced on the Capitol Building was placed into service in the year 2000, as a ballasted EPDM roof. As architects and engineers, Alpha would assess the building condition with the goals stated by the owner representatives. Among the questions needing answered would be:

1. Is there a certain energy efficient level the owner's wish to achieve?
2. What have been the problems with the existing ballasted roof?
3. What balance is needed between high first cost and longevity of the roofing system?
4. Are there anticipated future disruptions to the roof in the form of mechanical equipment tear-down and/or added equipment to the roof?
5. What was the original historic material utilized for the roof? Is that material too costly?



6. What current economic systems are on the market today that could mimic the historic roof covering, if that is what is desired?
7. Is timing of construction critical?
8. How often are maintenance crews inspecting the roof system?
9. Are original profile drawings of gutters available?
10. Have the lack of or deteriorated gutters, and downspouts created damage to other parts of the structure? Should the structure be evaluated?
11. Has the ballast been removed from the EPDM membrane, causing it to shrink, since it is not adhered and thereby creating leaks?
12. What type of counter flashing has been provided? Does it need to be replaced?
13. Have all former roof layers been removed? If not, how many layers are there?
14. What type of phasing plan is necessary to complete the work and protect the building?

Extensive documentation through photographs and field observations would be provided to determine cause of leaks and/or structural repairs as needed and will form the basis of the design recommendations and ultimate bid documents for roof replacement.

Evaluating the various systems available on the market, Alpha would take into consideration:

- Economy
- Scheduling
- Aesthetics
- Usability (walking paths, plaza type deck?)
- Energy Efficiency
- Fireproof properties
- Durability and protection from UV rays

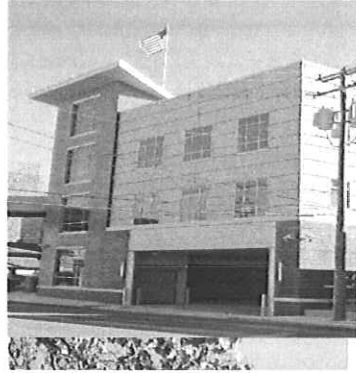


- Ease of Repair
- Recyclable properties
- Weather Resistance to hail
- Storm water management (green roof, reduce run-off)

Alpha will provide you with detailed drawings and specifications, along with recommended phasing plans based upon your needs. This will result in a project that will be easy to price/bid, install and maintain for the long term.

The key personnel who have been assigned to this project have completed multiple roof replacement projects. The experience they have gained through past projects along with Alpha's 43 years of overall design experience will prove to be a benefit to the General Services Division throughout the project.

Rebecca Key, AIA, LEED-AP, will serve as Project Manager and your point-of-contact. Ms. Key has worked with the General Services Division on other projects, including the current Clarksburg State Office Building Project. She has over 35 years of architectural design experience and will prove to be an asset to you on this project.



## FIRM PROFILE

### Firm Profile

#### FIRM NAME

**Alpha Associates, Incorporated**

#### CORPORATE OFFICE

209 Prairie Avenue  
Morgantown, West Virginia 26501

#### EASTERN REGIONAL OFFICE

535 West King Street  
Martinsburg, West Virginia 25401

#### CHARLESTON OFFICE (OPENING FEB. 2013)

2506 Kanawha Boulevard, East  
Charleston, West Virginia 25301

#### 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

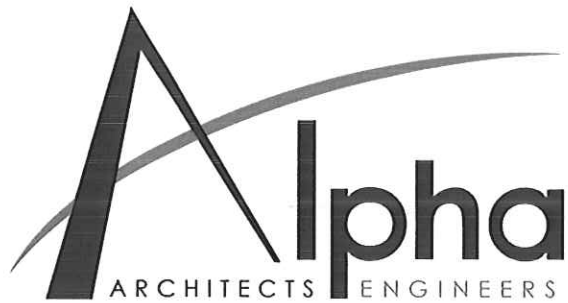
31 Employees

#### 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 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

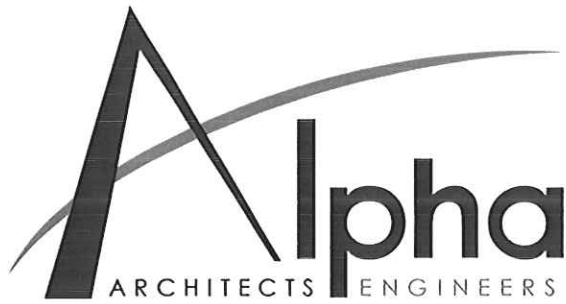
### PROFESSIONAL HIGHLIGHTS

#### 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

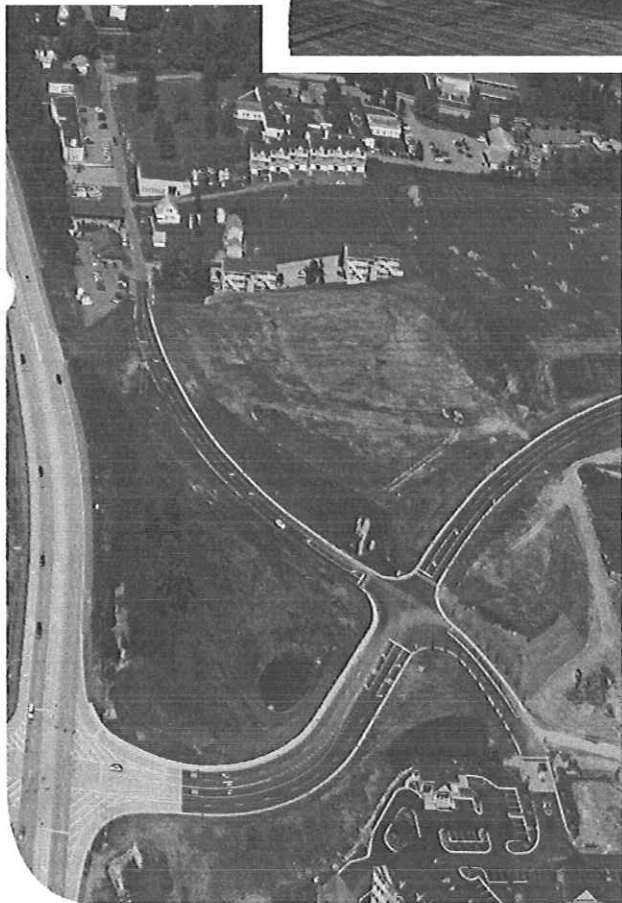
West Virginia University  
 Masters of Business Administration; 1999  
 Bachelor - Civil Engineering; 1982

### QUALIFICATIONS

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

### AFFILIATIONS

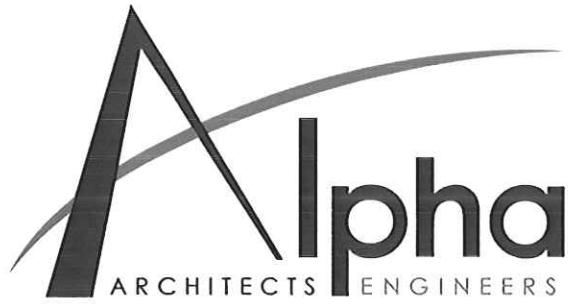
- Former NSPE/PEPP Governor of WV
- ACEC/WV; Former President and National Director
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- Monongalia County MPO Technical Advisory Committee; Member
- Morgantown Area Economic Partnership;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



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Contact

**Richard A. Colebank**  
 304.296.8216  
 800.640.8216  
 rick.colebank@thinkalphafirst.com



## 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

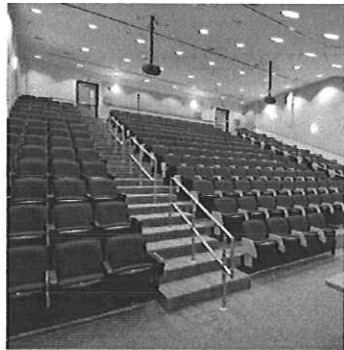
Broad-based responsibilities in the following areas:

- 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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Contact

**Rebecca Key**  
 304.296.8216  
 800.640.8216  
 rebecca.key@thinkalphafirst.com



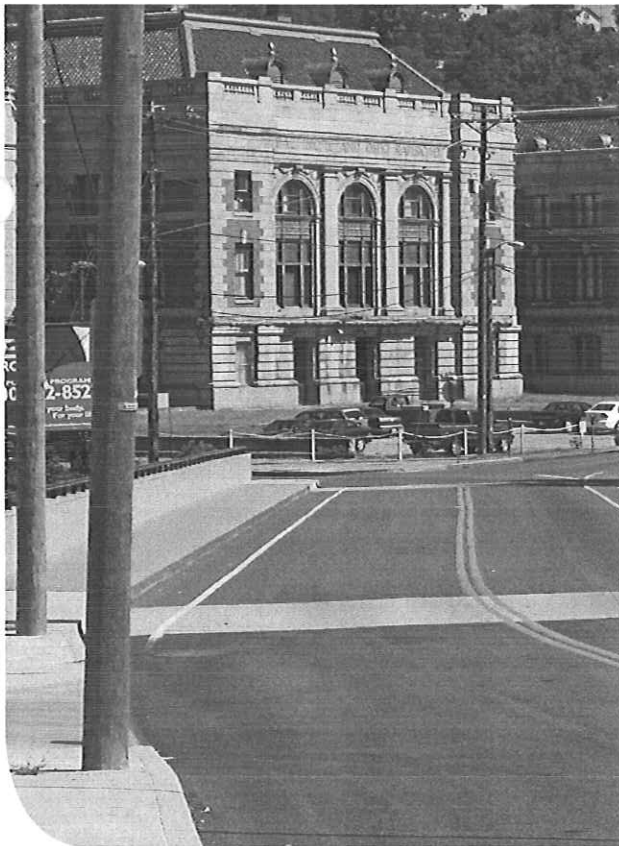


## ALPHA RESUMES

**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

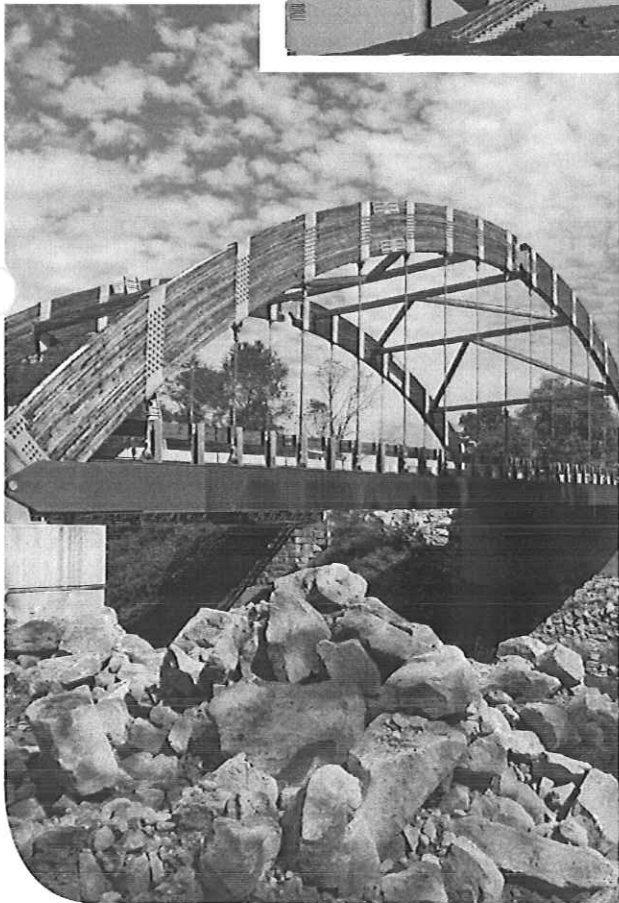
- **License:** Professional Engineer: West Virginia, Maryland, Pennsylvania

### 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 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

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.

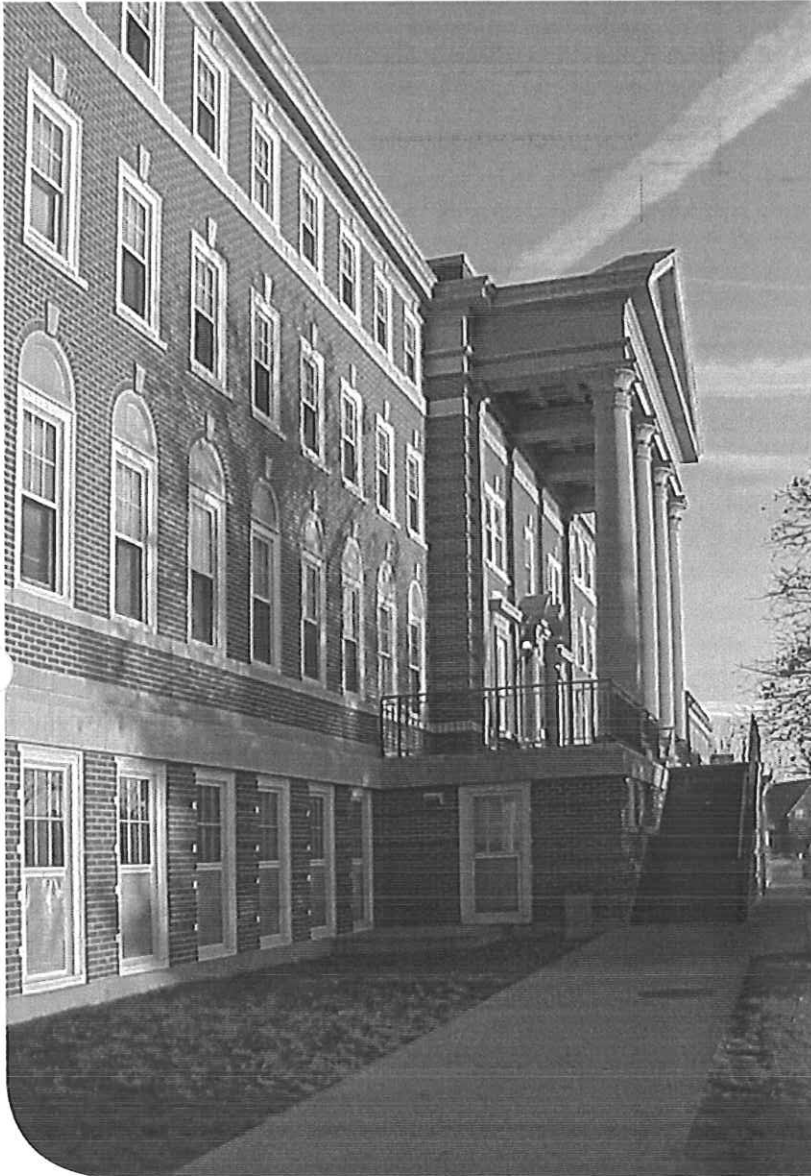


Project Contact:  
Mary Jo Thomas  
300 First Street  
Fairmont, WV 26554  
304-363-9414

#### At a Glance

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

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ALPHA EXPERIENCE

Stalnaker Hall | 1993

### Educational Case Study

West Virginia University - Stalnaker Hall  
Morgantown, WV

The original center section of Stalnaker Hall was completed in 1919, with two additional wings added in 1939. This renovation project replaced dormitory-style quarters with suites containing 306 bedrooms and shared living space. The food services area of Stalnaker Hall also underwent renovations. Alpha Associates, Incorporated teamed with a national A/E firm to provide civil engineering, structural engineering and construction administration. The 95,000 square foot project included the following: restoration/reconstruction of entire building, ADA parking area, ADA ramps, new sidewalks and steps, handrails and landscaping, asbestos abatement, skylights, **new roof**, elevator, window replacement.

This building required extensive demolition, including demolition of all rooms and load bearing walls on both the North and South wings. The center wing included complete gutting of all floors with only the exterior wall remaining. This project also included underpinning of the existing structure to add basement space.

Project Contact:  
Charlie Robison  
979 Rawley Lane  
Morgantown, WV 26506  
304-293-5280

#### At a Glance

CLIENT: West Virginia University  
LOCATION: Morgantown, WV  
COMPLETION DATE: 1993  
SIZE: 95,000 SF  
CONSTRUCTION COST: \$12 Million





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.

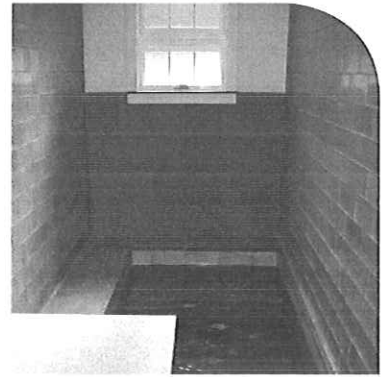
The renovation also included relocating the administrative offices adjacent to the buildings primary entrance.

Project Contact:  
Ed McCabe  
13 South High Street  
Morgantown, WV 26505  
304-291-9210

#### At a Glance

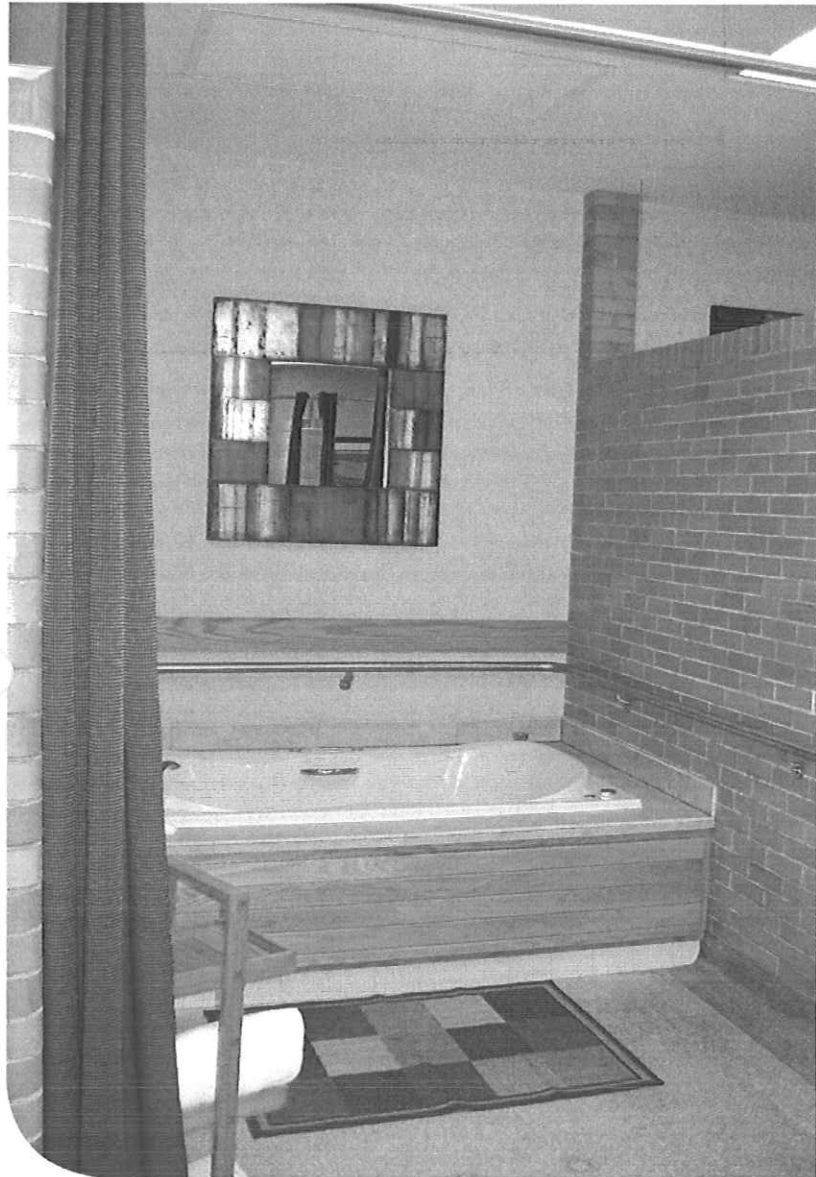
CLIENT: Mon County Schools  
LOCATION: Morgantown, WV  
COMPLETION DATE: 2009  
SIZE: 115,780 Sq. Ft.  
CONSTRUCTION COST: \$8.4 Million





ALPHA EXPERIENCE

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.

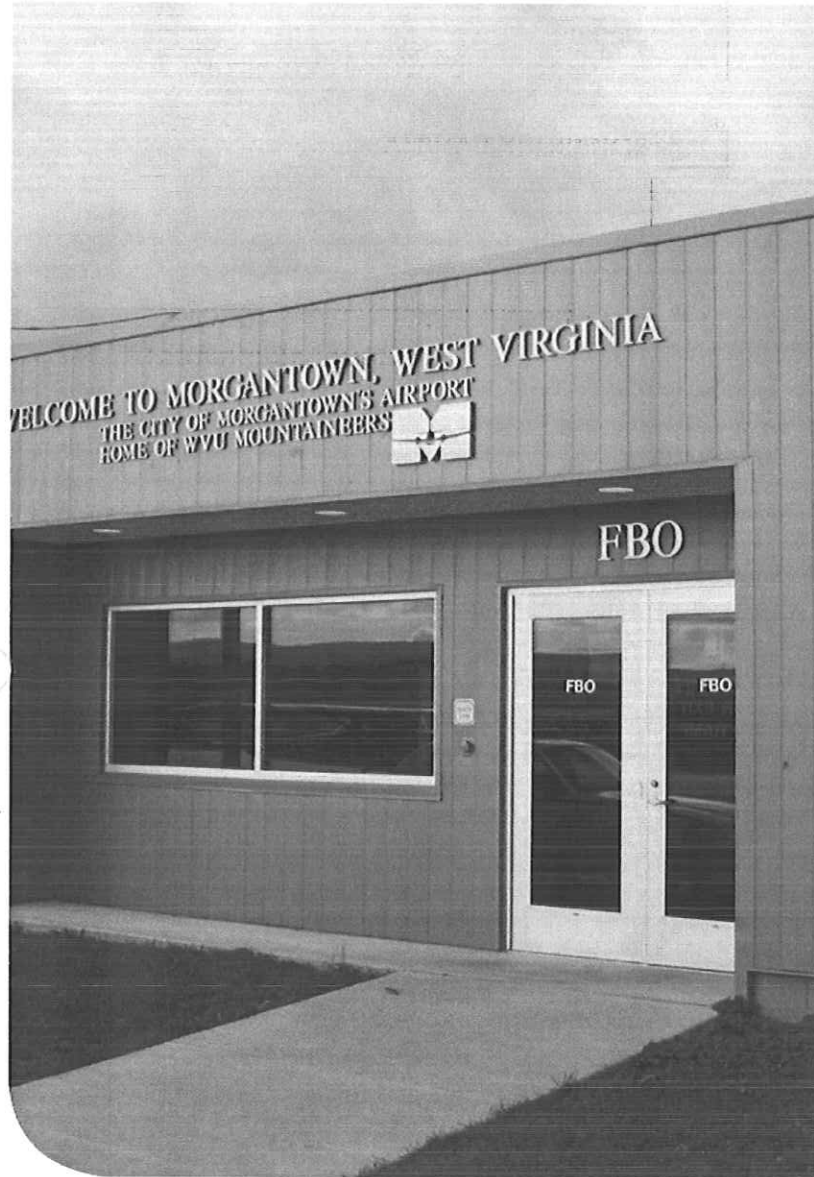
The interior design added amenities such as whirlpool baths. The Bath House upgraded to reflect a more "spa-like" ambiance. The existing Roman Baths have new liners and saunas were added for the benefit of the Bath House Patrons.

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

#### 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

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

