

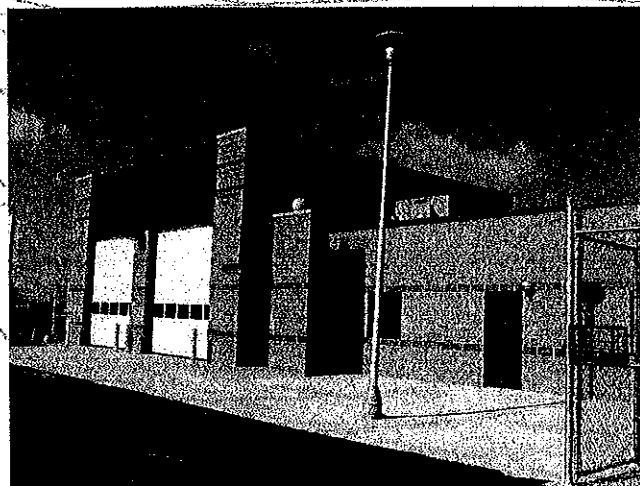
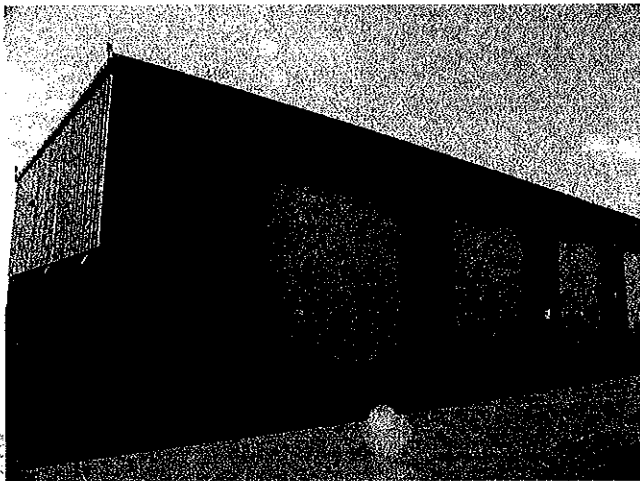
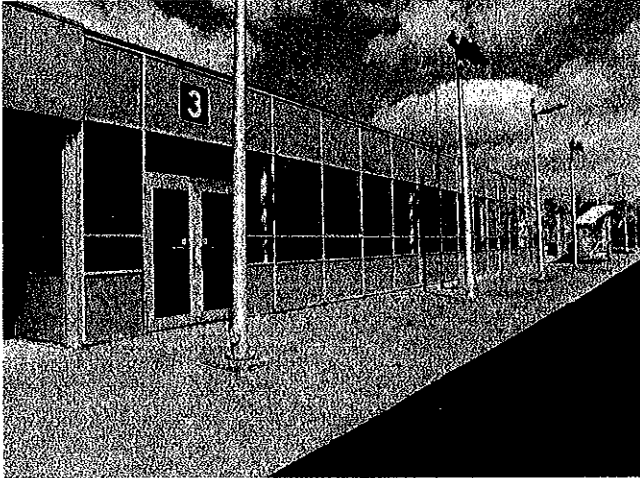
West Virginia Purchasing Division

Architectural and Engineering Services

#DEFK11009

August 17, 2010

EXPRESSION OF INTEREST



RECEIVED

2010 AUG 17 AM 10:14

WEST VIRGINIA PURCHASING DIVISION



ARCHITECTS • ENGINEERS • SURVEYORS



ARCHITECTS • ENGINEERS • SURVEYORS

August 17, 2010

Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

Attn: Mr. Chuck Bowman

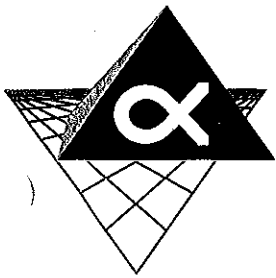
**Re: Expression of Interest – Fixed Wing Army Aviation Training Site Facility
Expansion #DEFK11009**

Dear Mr. Bowman,

Alpha Associates, Incorporated is excited at the opportunity to work with the West Virginia Army National Guard on this exciting project. The upcoming expansion of the current Fixed Wing Army Aviation Training Site Building and hanger space is a perfect match for Alpha. We have over 17 years of experience in the design of airport facilities and working with the FAA. Since 1993, Alpha has been the architect/engineer for the Morgantown Municipal Airport. Recent architectural projects we have designed for the airport include terminal renovations, new Maintenance Building, and new Air Rescue and Fire Fighting Building. You will find detailed information on these projects, as well as resumes for your design team included in this Expression of Interest.

In addition to our airport experience, Alpha has provided architectural and engineering design services for over 40 years to clients all across West Virginia and the surrounding states. Alpha has the ability to provide multiple services under one roof including: architectural design, structural engineering, civil engineering, surveying, landscape design, and construction administration. Our staff of 36 professionals and support personnel will make your project a priority and ensure its successful completion.

Alpha has chosen Miller Engineering as a design partner to provide mechanical, electrical, plumbing and fire protection engineering. Based in Morgantown, Miller Engineering has recent, relevant project experience that will complement Alpha's design expertise. Miller has worked with us on most of our recent projects at the Morgantown Municipal Airport.



Alpha and Miller are well suited to assist you in the development of this project. Our unique blend of services will enable you to get high quality service under one roof, from a team that knows the FAA and is experienced in this type of project. If you would like additional information or have any questions, please contact me at 304-296-8216 x102.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

A handwritten signature in black ink, appearing to read "Richard A. Colebank". The signature is fluid and cursive, written over the company name.

Richard A. Colebank, PE, PS
President and COO
rcolebank@Alphaaec.com



Firm Profile

Alpha Associates, Incorporated

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

Incorporated: 1969; Morgantown, West Virginia

Firm Principals: Richard W. Klein, PE, PS; Chairman and CEO
Richard A. Colebank, PE, PS; President and COO
William A. Atwell, JR., PE; Senior Vice President
James A. Davison, AIA; Vice President
Charles B. Luttrell, PE, SECB; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA, LEED-AP; Principal
Charles B. Branch, PE; Principal

Number of Employees: 36 Employees



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.



Airport Case Studies

Project Description

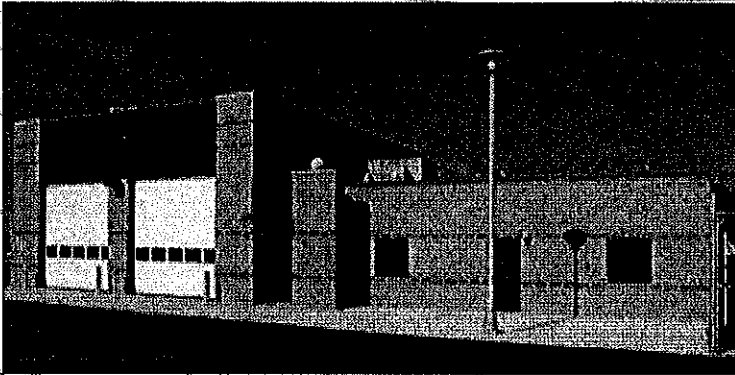
Morgantown Municipal Airport Air Rescue and Fire Fighting Building Morgantown, WV

Alpha Associates, Incorporated completed design of the latest building at the Morgantown Municipal Airport. The building serves as an Air Rescue and Fire Fighting Building, housing two fire trucks and equipment. Additional space for Airport Management offices and a training center are also included.

Construction of this \$1,020,000 building was completed in 2003.

At A Glance...

- 1 Client:
City of Morgantown
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2003
- 4 Size:
7000 SF
- 5 Construction Cost:
\$1,020,000



Airport Case Studies

Project Description

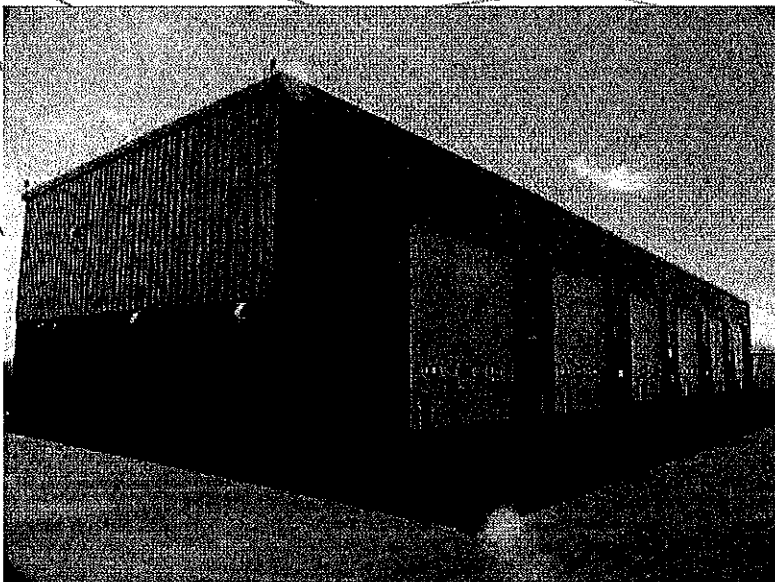
Morgantown Municipal Airport Maintenance Building Morgantown, WV

Alpha Associates, Incorporated designed and provided construction administration for the Hart Field Maintenance Building. The building provides garage and storage for the airport's snow-blowing and lawn-cutting machines. This project features six high-bay areas with one maintenance/repair pit. The balance of the area consists of auxiliary spaces such as dry and liquid storage, overhead crane hoist with access to a storage mezzanine. The building was constructed using split face block and metal panels over a pre-engineered steel rigid frame metal building.

ZDS Design provided Mechanical and Electrical Engineering Design for this project.

At A Glance...

- 1 Client:
City of Morgantown
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2005
- 4 Size:
8000 SF
- 5 Construction Cost:
\$850,000



Airport Case Studies

Project Description

Morgantown Municipal Airport Terminal Addition and Renovation Morgantown, WV

Alpha Associates, Incorporated has completed architectural projects for the Morgantown Municipal Airport for more than a decade. Alpha's staff provided programming, space planning, interior design and full-time construction administration services for a 10,000 square foot addition to the existing terminal originally constructed in 1993. Also included in this project was the design of a new terminal entrance and elevator tower.

At A Glance...

- 1 Client:
City of Morgantown
- 2 Location:
Morgantown, WV
- 3 Completion Date:
1993
- 4 Size:
10,000 Square Feet
- 5 Construction Cost:
\$500,000



New Construction Case Studies

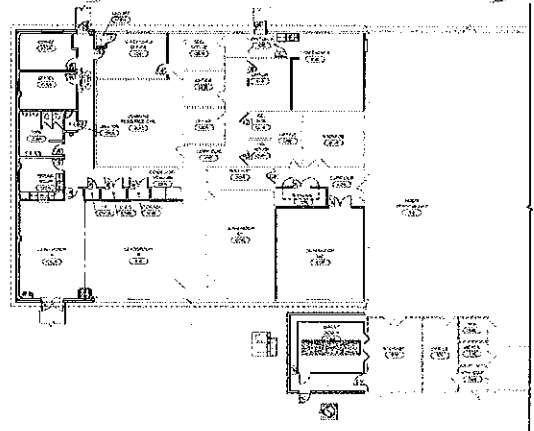
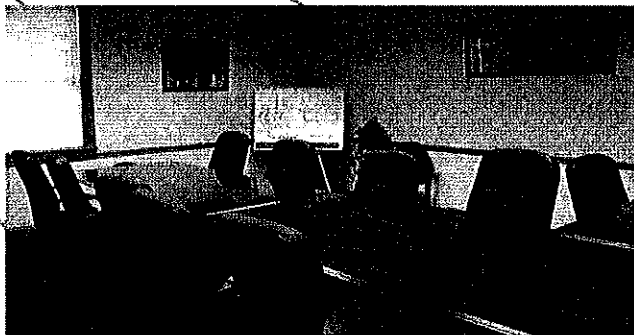
Project Description

Wood Technology Center Elkins, WV

The West Virginia Wood Technology Center offers continuing education students training and technical support. Alpha Associates, Incorporated provided the design and construction administration of the addition and interior renovation. Attached to the pre-existing Randolph County Development Authority, the Wood Technology Center project includes a 2070-SF metal addition of classroom and office space as well as 5400-SF interior renovation of existing classroom and offices. A state-of-the-art spray booth is also included in the project to enable top-quality finishing of wood projects produced in the wood shop.

At A Glance...

- 1 Client: RCDA
- 2 Location: Elkins, WV
- 3 Completion Date: 2005
- 4 Size: 2070 SF new space
5400 SF interior renovation
- 5 Construction Cost: \$436,000
- 6 Project Relevance:
 - Architectural Design
 - Pre-engineered Metal Building Components
 - Construction Administration
 - Classroom Space



Higher Education Case Studies

Project Description

West Virginia University - East Wing Addition/Renovation Morgantown, WV

The first phase of this project was a feasibility study that evaluated the building to determine the nature and scope of the addition.

The WVU Engineering Science Building East Wing Addition /Renovation project was conceived to create a new primary entrance to the existing 228,000 square foot building on the Evansdale campus. It consists of a 4-story addition as well as the conversion of an abandoned 3 ½ story boiler room into usable program space. This 3 ½ story boiler space was subdivided into 3 floors supporting chemical-research labs and a tiered lecture hall.

At A Glance...



Client:
West Virginia
University



Location:
Morgantown, WV



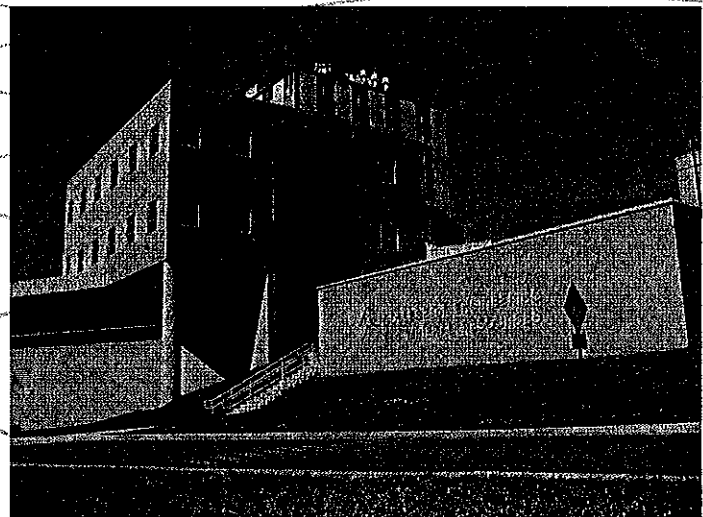
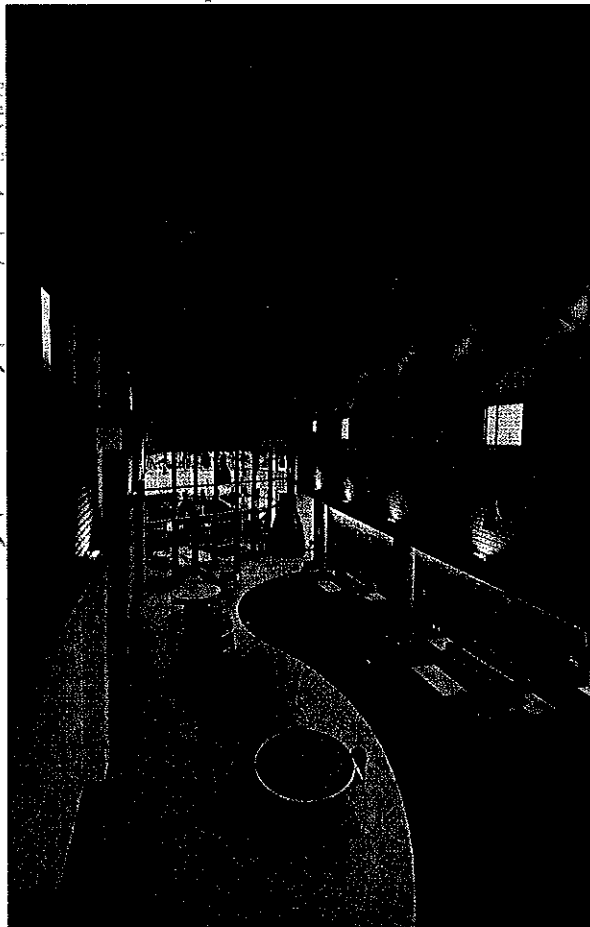
Completion Date:
2008



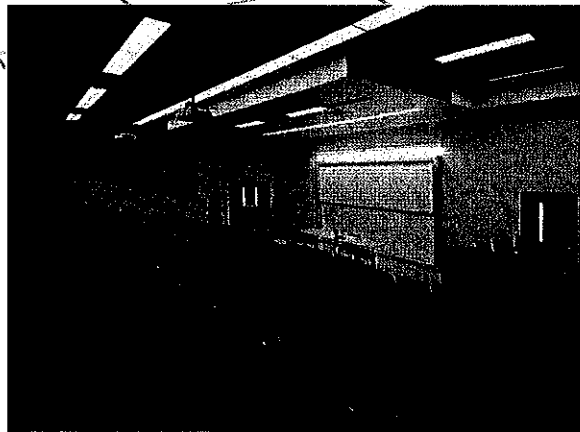
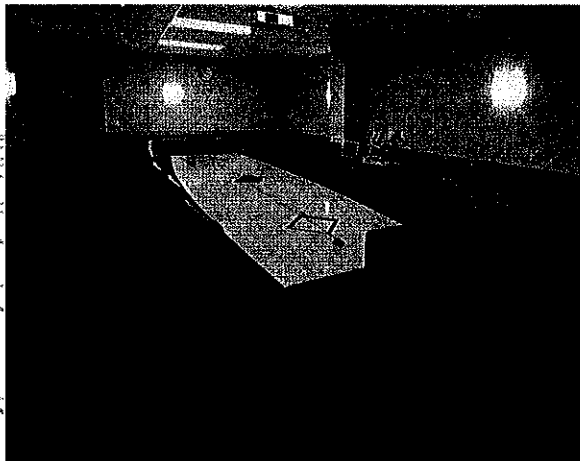
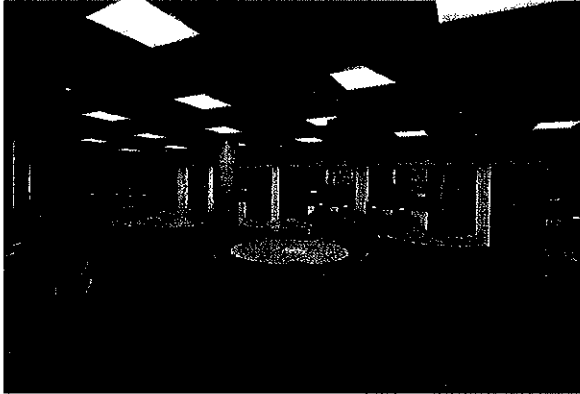
Size:
32,600 sq. ft.
Addition
6,500 sq. ft.
Renovation



Construction Cost:
\$11 Million



West Virginia University - East Wing Addition/Renovation
Morgantown, WV



At A Glance...

- 1 Client:
West Virginia
University
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2008
- 4 Size:
32,600 sq. ft.
Addition
6,500 sq. ft.
Renovation
- 5 Construction Cost:
\$11 Million



Higher Education Case Studies

Project Description

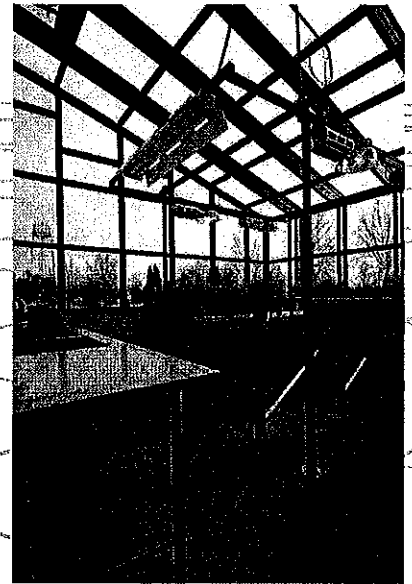
West Virginia University— South Agricultural Sciences Building Morgantown, WV

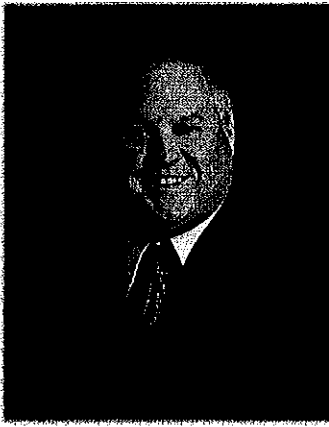
Alpha Associates, Incorporated provided architectural and engineering design services for a two-story addition to the south side of the Agricultural Sciences Building. The addition includes space for the Plant Pathology and Environment Microbiology Departments as well as research labs, lab support space, wet bench teaching labs, greenhouse, a 250 seat lecture hall and office space.

Alpha Associates has a cost estimating record that is very difficult to beat. This project came within less than an eighth of a percent of the low bid/contract amount.

At A Glance...

- 1 Client:
West Virginia University
- 2 Location:
Morgantown, WV
- 3 Completion Date:
2005
- 4 Size:
40,000 SF
- 5 Construction Cost:
\$7.3 Million





RICHARD A. COLEBANK, PE, PS
PRESIDENT AND COO
CIVIL ENGINEER
rcolebank@alphaaec.com

SUMMARY

Mr. Colebank is President and Chief Operating Officer of Alpha. Mr. Colebank 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 West Virginia University, City of Morgantown, The West Virginia Division of Highways, WVU Foundation and the Morgantown Municipal Airport, as well as numerous 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

PROFESSIONAL HIGHLIGHTS

Project Management:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prison Hazelton Medium Security Prison; Hazelton, WV
- West Virginia Medal of Honor Recipients Plaza; Hazelton, WV
- West Virginia Division of Highways I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Airport Access Road; Morgantown, WV

Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract; Morgantown, WV
- West Virginia Division of Highways Open End Contract; State of WV
- National Energy Technology Laboratories; Morgantown, WV
- West Virginia University Open End Contract; State of WV



EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1985 – Present Alpha Associates, Incorporated
1983 – 1985 Charles Townes and Associates, P.C.

CORPS OF ENGINEERS: 1983 US Army Corps of Engineers

EDUCATION

GRADUATE: West Virginia University
Masters – Business Administration; 1999

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1982

QUALIFICATIONS

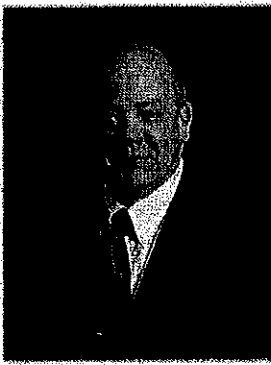
LICENSE: Professional Engineer:
West Virginia, Pennsylvania, Maryland, Virginia,
Professional Surveyor:
West Virginia
Certified Private Pilot

AFFILIATIONS

PROFESSIONAL: Former NSPE/PEPP Governor of WV
ACEG/WV; Former President and Current National Director

CIVIC: University High School Foundation; Charter Member; Current
President
Morgantown Area Chamber of Commerce; Past Chairman
Monongalia County MPO Technical Advisory Committee;
Member
Morgantown Area Economic Partnership; Member
University High School Athletic Field Committee





CHARLES B. LUTTRELL, PE
PRINCIPAL
PROFESSIONAL ENGINEER
STRUCTURES
cluttrell@alphaaec.com

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 West Virginia University Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had a significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications. Two recent Alpha bridge projects have been designed using these innovative materials.

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:

- WVU Engineering Sciences Building East Wing Addition; Structural Design; Morgantown, WV
- WVU Alumni Center Structural Framing and Foundation Design; Morgantown, WV
- Hazel Ruby McQueen Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Asbestos Abatement Project (Scaffolding Design and Dome Structural Inspection); Morgantown, WV
- Morgantown Airport Air Rescue and Firefighting Building; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV



CHARLES B. LUTTRELL, PE
PRINCIPAL
PROFESSIONAL ENGINEER
STRUCTURES
cluttrell@alphaaec.com

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 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

GRADUATE: West Virginia University
MS – Structural Engineering; 1995

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1993

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Maryland, Pennsylvania

AFFILIATIONS

PROFESSIONAL: West Virginia Society of Professional Engineers
National Society of Professional Engineers
Chi Epsilon; Member
American Concrete Institute; Member

RESEARCH EXPERIENCE

STRUCTURAL:

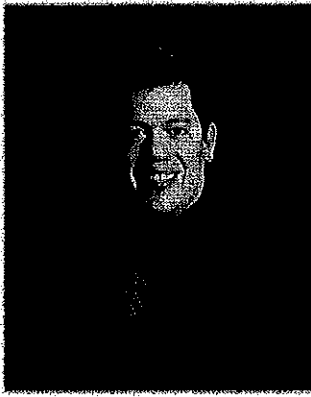
Cold Formed Steel Deck Research

- 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





**MATTHEW S. BREAKEY, AIA,
LEED-AP**
PRINCIPAL
ARCHITECT
mbreakey@alphaaec.com

SUMMARY

Mr. Breakey began working at Alpha in 1998, and became a principal of the firm in 2004. Mr. Breakey has gained experience through working as a Project Manager on major capital construction projects throughout West Virginia. Mr. Breakey became a LEED Accredited Professional in 2009.

PROFILE

Broad-based responsibilities in the following areas:

- Architectural Design
- Construction Administration
- Contract Negotiations
- New Business Development

PROFESSIONAL HIGHLIGHTS

Higher Education Projects:

- Potomac State College, ADA Connector Link; Keyser, WV
- Potomac State College Library Facade Renovation; Keyser, WV
- ~~WVU Engineering Sciences Building East Wing Renovation/Addition; Morgantown, WV~~
- ~~WVU Engineering Sciences Building 10th Floor Renovation; Morgantown, WV~~
- ~~WVU Engineering Science Building Nano/Microtechnology Lab; Morgantown, WV~~
- ~~WVU Alfred E. Galli Laboratory Renovations; Morgantown, WV~~
- ~~Robert C. Byrd Health Sciences Center SRP Lab Renovation; Morgantown, WV~~

K-12 Education Projects:

- Washington High School; Charles Town, WV
- University High/Middle School Renovation; Morgantown, WV
- Pocahontas County High School Science Wing Renovation/Addition; Marlinton, WV
- Buckhannon-Upshur Middle School Roof Replacement; Buckhannon, WV
- Buckhannon Upshur Middle School HVAC Upgrades; Buckhannon, WV
- Slanesville Elementary School Addition; Hampshire County, WV
- Petersburg High School Science Lab Renovation; Petersburg, WV

Miscellaneous:

- Fairmont Federal Credit Union, Charles Pointe Branch; Bridgeport, WV
- Clear Mountain Bank, Reedsville Branch; Reedsville, WV
- BC Bank Renovation/Addition, Phillippi Branch; Phillippi, WV
- Clear Mountain Bank, Oakland Branch; Oakland, MD
- Clear Mountain Bank; Sabraton, WV



EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1998 – Current Alpha Associates, Incorporated
1994 – 1998 West Virginia University Physical Plant
Engineering and Construction
1992 – 1994 West Virginia University Facilities Planning
Management

EDUCATION

UNDERGRADUATE: Pennsylvania State University
Bachelor of Architecture; 1992
Bachelor of Science in Architecture; 1991

QUALIFICATIONS

LICENSE: Registered Architect: West Virginia; Maryland
NCARB Certified
Leadership in Energy and Environmental Design Accredited
Professional

AFFILIATIONS

PROFESSIONAL: American Institute of Architects
West Virginia Society of Architects
The Council of Educational Facility Planner International
U.S. Green Building Council

CIVIC: Main Street Morgantown Board of Directors; Past President
Main Street Morgantown Design Committee; Member
Chestnut Ridge Park Board; Past President





REBECCA J. KEY, AIA,
NCIDQ, LEED - AP
ASSOCIATE
rkey@alphaaec.com

SUMMARY

Ms. Key has worked in the architectural field for 30 years. Ms. Key is Project Architect/Manager for numerous architectural designs at Alpha Associates, Inc. She 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:

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

PROFESSIONAL HIGHLIGHTS

Educational Facilities:

- WVU South Agricultural Sciences; Morgantown, WV
- Prichard Hall Renovation; Fairmont State College; Fairmont, WV
- Washington High School; Jefferson County, WV
- WVU CRRB Renovation, 5th and 7th Floors; Morgantown, WV
- WVU Boreman Hall; Boreman Bistro; Morgantown, WV
- WVU Hatfields Restaurant; Morgantown, WV

Financial Institutions:

- Clear Mountain Bank; Glenmark Centre; Morgantown, WV
- Clear Mountain Bank Renovation; Bruceeton Mills, WV
- Centra Bank; Wharf District; Morgantown, WV

Industrial Facilities:

- Hart Field Airport Maintenance Facility; Morgantown, WV
- Norwood Fire Station; Morgantown, WV
- FMW Composites, Inc.; Bridgeport, WV
- Hart Field Airport Terminal Renovation; Morgantown, WV

Medical Facilities:

- Ruby Hospital Emergency Room Expansion; Morgantown, WV



REBECCA J. KEY, AIA,
NCIDQ, LEED - AP
ASSOCIATE
rkey@alphaaec.com

Historic Renovation:

- Cass Scenic Railroad Clubhouse Renovation; Cass, WV
- Berkeley Springs Bath House Renovation; Berkeley Springs, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2000 - Current	Alpha Associates, Incorporated
	1983 - 1999	Environmental Planners and Associates, LTD; President
	1978 - 1983	Webster Clothes; Director of Store Planning

EDUCATION

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

QUALIFICATIONS

LICENSE: Registered Architect
West Virginia, Maryland, Washington DC, New York,
Virginia, Pennsylvania
National Council of Interior Design Qualifications Certificate
Holder
Leadership in Energy and Environmental Design Accredited
Professional

AFFILIATIONS

PROFESSIONAL:	American Institute of Architects; Member AIA Liveable Communities; Board Member
CIVIC:	Fairmont, WV ICC Board of Appeal; Board Member





BRADLEY CASDORPH, PS, PE
STAFF ENGINEER,
PROFESSIONAL
SURVEYOR
bcasdorph@alphaaec.com

SUMMARY

Mr. Casdorph joined the Alpha Associates team in 2004 and currently works as a project engineer in the Morgantown office. He has 29 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 administrative supervision and inspection, as well as boundary and construction surveying.

Mr. Casdorph has a verifiable track record for the successful completion of multi-faceted projects by coordinating personnel and resources, developing manageable deadlines, and building positive consensus with architects, engineers, local officials, governing agencies, and clients while maintaining costs. He is skilled in the ability to analyze problems, develop and simplify procedures, and find innovative solutions.

PROFILE

Broad-based responsibilities in the following areas:

- Airport Planning and Design
- Airport Signage and Lighting
- Highway Design
- Hydrology & Hydraulic Studies
- Site Plan Development
- Construction Specifications, Permits
- Topographic Mapping, GPS (RTK, Geodetic Control)
- Land Surveying, ALTA/ACSM Land Title Survey

PROFESSIONAL HIGHLIGHTS

CIVIL ENGINEERING PROJECTS:

- Platinum Properties – Waterfront Conference Center; Morgantown, WV
- Morgantown Municipal Airport – Runway Safety Area; Morgantown, WV
- Morgantown Municipal Airport – Ramp Renovation and Deicing Facility; Morgantown, WV
- McKee Crossing – 120 Acre Subdivision; Martinsburg, WV
- Davisson Estates – 60 Acre Subdivision; Clarksburg, WV
- Monongalia General Hospital – East Parking Area; Morgantown, WV
- Applebee's Restaurant; Morgantown, WV



CIVIL ENGINEERING PROJECTS (continued):

- Morgantown Municipal Airport Airside Signage and Lighting; Morgantown, WV
- Morgantown Municipal Airport – Airport Certification Manual; Morgantown, WV
- West Virginia University Area 81, Parking Area Improvements; Morgantown, WV
- Morgantown Municipal Airport Air Rescue and Fire Fighting Vehicle Procurement; Morgantown, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 2004 – Current Alpha Associates, Incorporated
1979 – 2004 Triad Engineering, Incorporated

EDUCATION

GRADUATE: West Virginia University
Soil Mechanics and Foundation Design; 1982

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; May 1979

QUALIFICATIONS

LICENSE: Professional Engineer: West Virginia
Professional Surveyor: West Virginia
Certified Private Pilot

AFFILIATIONS

PROFESSIONAL: West Virginia Society of Professional Surveyors (WVSPS); Member
WVSPS – Mountain Regional Chapter; President
West Virginia Society of Professional Engineers (WVSPE); Affiliate
Aircraft Owners and Pilots Association (AOPA); Member



Client References

Recently Constructed Projects

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

Don Reinke
Mon County Development Authority
PO Box 188
Morgantown, WV 26507
304-296-6684

**John Sommers, Senior Construction
Projects Manager**
West Virginia University
PO Box 6572
Morgantown, WV 26505
304-293-2856

Glen Kelly
Morgantown Municipal Airport
100 Hart Field
Morgantown, WV 26505
304-291-7461

Brian Thomas
Clear Mountain Bank
PO Box 205
Bruceton Mills, WV 26524
304-379-2265

Jay Rogers
City of Fairmont
200 Jackson Street
Fairmont, WV 26555
304-366-6211

