

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

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

Proc Folder: 375545

Doc Description: Parks-A/E Services for Tomlinson Run Bathhouse

Proc Type: Central Contract - Fixed Amt					
Date Issued	Solicitation Closes	Solicitat	on No	Version	
2017-09-14	2017-10-17 13:30:00	CEOI	0310 DNR1800000002	1	

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

US

VENDOR

Vendor Name, Address and Telephone Number:

Associates, Inc. Pround Avenue

oraphytown, wv 26501

Archaelma aldes

FOR INFORMATION CONTACT THE BUYER

Brittany E Ingraham (304) 558-2157

brittany.e.ingraham@wv.gov

Signature X

FEIN# 55-0516286

DATE 10-16-17

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

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the
Contract Administrator and the initial point of contact for matters relating to this Contract.
(Name, Title)
(Printed Name and Title)
200 Prairie Avenue Morgantown, WV
(Address)
(304) 296-8216/(304) 296-8216
(Phone Number) / (Fax Number)
rick.colebank a) thin Kalphatirst com
(email address)
CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation
ullough wvOASIS, I certify that I have reviewed this Solicitation in its entirety: that I understand
the requirements, terms and conditions, and other information contained herein; that this hid
offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the
product of service proposed meets the mandatory requirements contained in the Solicitation for
product or service proposed meets the mandatory requirements contained in the Solicitation for
that product or service, unless otherwise stated herein; that the Vendor accepts the terms and
conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this
conditions contained in the Solicitation, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute
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ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

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

Addendum Numbers Received: (Check the box next to each adden	ndum received)	
Addendum No. 1 Addendum No. 2 Addendum No. 3 Addendum No. 4 Addendum No. 5	☐ Addendum No. 6 ☐ Addendum No. 7 ☐ Addendum No. 8 ☐ Addendum No. 9 ☐ Addendum No. 10	
discussion held between Vendor's	n the receipt of addenda may be cause for real representation made or assumed to be made representatives and any state personnel is not added to the specifications by an official	le during any oral
Alpha Association	ciates Inc.	
Authorized Signature		
10-16-0		
Date		

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

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

WITNESS THE FOLLOWING SIGNATURE:

' [^] 209 Praitie Avenue Morgantown, WV 26501

"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 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 exceed five percent of the total contract amount.

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







WV DNR

Tomlinson Run State Park Bathhouse

October 17, 2017 1:30PM

EXPRESSION OF INTEREST











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October 17, 2017

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

ATTN: Brittany E. Ingraham, Buyer

RE: CEOI 0310 DNR1800000002

A/E Services for Tomlinson Run Bathhouse

Dear Ms. Ingraham,

Alpha Associates, Incorporated is pleased to submit this Expression of Interest to provide architectural and engineering services for a new group camp bathhouse at Tomlinson Run State Park that will serve approximately 100 persons. Alpha's experience in the area combined with our unparalleled level of expertise makes us the perfect partnering firm for the State and WV DNR on this project.

Throughout our more than 48 years of providing architectural and engineering services, Alpha has partnered with the State and WV DNR on several projects, including our ongoing projects at Tygart Lake State Park and the Spring Run Fish Hatchery. Included in this response, you will find other projects Alpha has completed with the WV DNR and other similar projects. These projects include new construction and renovations/additions of similar size and purpose facilities.

Alpha is a West Virginia owned and operated architectural and engineering design firm with a unique combination of in-house design services that allow us to complete all aspects of design. Alpha offers design services from two convenient locations with our corporate headquarters located in Downtown Morgantown and our Eastern Regional Office located in Martinsburg.

For this project we have partnered with Miller Engineering to provide MEP design services. Alpha and Miller have partnered on many projects over the years. Miller is conveniently located minutes away from Alpha's Morgantown office, allowing us to provide the WV DNR with a communicative, cohesive design team.



Thank you again for the opportunity to submit this Letter of Qualification. We appreciate your consideration and look forward to working with you on this upcoming project at Tomlinson Run State Park. We are committed to providing the State and WV DNR with a team that surpasses every expectation. If you have any questions or wish to further discuss our qualifications, please contact me at (304)296-8216 extension 102.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

Richard A. Colebank, PE, PS

President and COO

rick.colebank@thinkalphafirst.com













FIRM NAME

Alpha Associates, Incorporated

OFFICE LOCATIONS

209 Prairie Avenue Morgantown, West Virginia 26501

535 West King Street Martinsburg, West Virginia 25401

INCORPORATED

1969; Morgantown, WV

FIRM PRINCIPALS

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

NUMBER OF EMPLOYEES

22 Employees

SERVICES

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



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





PROJECT MANAGEMENT AND QUALITY CONTROL

Alpha Associates, Incorporated is an Architecture and Engineering firm that provides services in the areas of Architecture, Structural Engineering, Civil Engineering, Surveying, Construction Administration, and Project Management. Alpha's architects and engineers have recent, relevant project experience that enables your project to be completed on time and within budget.

Alpha is a principal driven company with a staff that is large enough to handle any size project, yet small enough to provide the personal detail and supervision to successfully complete your project. We are available to you long after the completion of your project. Our staff is committed to working with an established project time frame and budget.

Alpha works under a project management system wherein each project is assigned a project manager and a principal of the firm. Internal bi-weekly project management meetings serve as a tool to discuss the preceding weeks' activities, planned activities, project budgets, and estimated time schedules and personnel utilization. Adherence to this process helps to insure that a client's concerns are addressed in a timely fashion aiding in the delivery of a successful project.

Prior to releasing projects for bidding, each project receives a Principal's review. The Principal-in-Charge of the project and the Project Manager conduct the review, which involves a complete evaluation of all internally produced and consultant produced construction documents. Alpha's construction administration staff performs a second assessment to examine constructability and coordination issues from the perspective of the construction field staff.

In addition to project management meetings, design principals have weekly team meetings to review all project schedules and all personnel utilization resulting in the overall best use of personnel in order to complete all projects on time.

Your project benefits from the unique combination of convenient access, extensive experience, key owner/principal commitment, and a competitive price structure. Select Alpha Associates, Incorporated for a well coordinated, timely and high quality project.





COST AND SCHEDULE CONTROL

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 few actually achieve the results Alpha has over the years. One of the determining factor is the tools the firms utilize to produce the budgets. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

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

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

Successful project management depends upon consensus regarding work efforts, milestones and goals. The Alpha team has found that the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations regarding the efforts required by the respective disciplines. In addition to guiding the efforts of the design team, the work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals. Adherence to the schedule is the responsibility of the Project Manager. The Project Manager must insure the team members, including the owner have bought into the schedule and are maintaining their respective duties.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiated, available fee, and prior experiences on similar projects. Characteristic of the client, its organization, or the involvement of a construction manager and his responsibility for document review must also be considered.

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





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

Determining a project schedule is a task that must be done with all parties involved in the process. Once the design process begins, a very detailed, realistic project schedule can be developed and communicated to all involved.

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

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

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





RESOURCES AND SOFTWARE

Resources

Alpha Associates, Incorporated is prepared to commit staff resources the State of West Virginia and WV DNR. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of the Tomlinson Run State Park Bathhouse Project.

Software

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

- ➤ AutoCAD 17
- REVIT (Editions up to 2018)
- ➤ Civil 3D
- ➤ RISA 3D
- ➢ RISA Floor
- > RISA Foundation
- MathCAD
- Autodesk Suite
- Enercalc
- AutoTURN

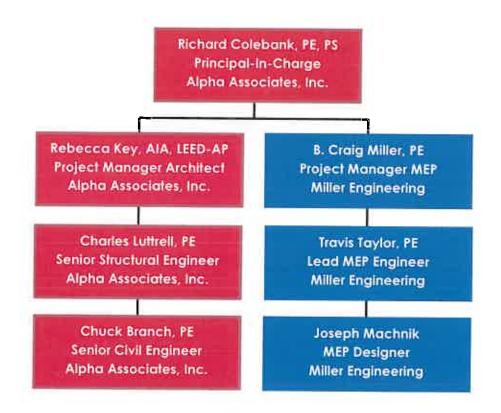








All work to be performed for the Tomlinson Run Bathhouse will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 22 includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support staff that are available to assist with any potential project need.













SUMMARY

Richard A. Colebank, PE, PS President and COO

Mr. Colebank is President and Chief Operating Officer of Alpha. He has been with Alpha Associates, Incorporated since 1985, starting as a staff engineer and progressing through the ranks from Project Manager to his current position. Mr. Colebank has worked with diverse clients such as WVU, City of Morgantown, WVDOH, WVU Foundation, and the Morgantown Municipal Airport, as well as numerous other public and private clients. Since 1988, Mr. Colebank has been the Principal-In-Charge of the Civil Engineering projects developed at Alpha. In his current capacity, Mr. Colebank provides financial and administrative guidance for the day-to-day operations of the company while continuing to manage projects.



PROFILE

Broad-based responsibilities in the following areas:

- Project Management
- Business Operations and Financial Management
- * Quality Assurance/Quality Control
- Civil Engineering Project Management and Design
- New Business Development
- Expert Testimony and Investigation

PROFESSIONAL HIGHLIGHTS

Project Manager:

- NETL B-3 Area 150 North Labs Renovation, Morgantown; WV
- WVU Research Park; Morgantown, WV
- WVU Reedsville Farm Redevelopment; Morgantown, WV
- West Virginia State Office Building; Clarksburg, WV
- Jane Lew Truck Stop; Jane Lew, WV
- Grant County Bank Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- WVU College of Physical Education and Sports Science/Student Health Center; Morgantown, WV
- WVDOH Arnettsville Bridge Replacement; Monongalia County, 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









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 Certified Remote Pilot

AFFILIATIONS

- Former NSPE/PEPP Governor of WV
- American Red Cross Regional Chairman
- University High School Foundation; Charter Member; President
- Morgantown Area Chamber of Commerce; Past Chairman
- WVU College of Civil and Environmental Engineering Visiting Committee
- WVU College of Business and Economics MBA Advisory Committee



Contact

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





ALPHA RESUMES



Charles Branch, PE | Principal, Civil Engineer

SUMMARY

As Chief Engineer for site development and planning projects, Mr. Branch is a vital part of the design process at Alpha. His involvement spans from strictly civil engineering projects, to the design of large scale educational projects and medical facilities. Mr. Branch acts as peer review for young engineers in the firm on issues ranging from storm water management to site design. Mr. Branch is also involved in commercial and residential development design, roadway and bridge design and utilities layout.



PROFILE

Broad-based responsibilities in the following areas:

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

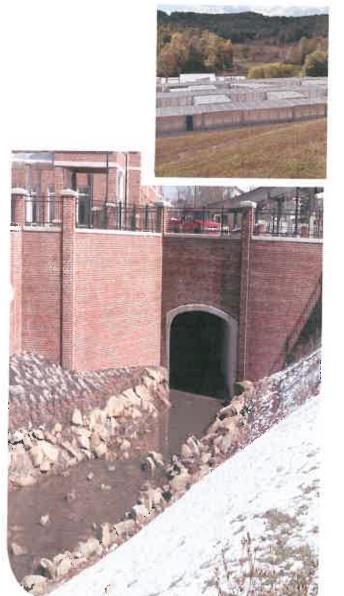
PROFESSIONAL HIGHLIGHTS

Civil Engineer/Project Manager:

- Jane Lew Truck Stop; Jane Lew, WV
- Clarksburg State Office Building; Clarksburg, WV
- WVU Reedsville Farm Redevelopment; Morgantown, WV
- Freedom Automotive Group Dealerships; Morgantown, WV
- Freedom Kia; Clarksburg, WV
- WVU Parking Lot 81 Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Alumni Center Storm Water Management; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV
- Blackshere Bridge; Mannington, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV
- Fairmont Federal Credit Union; Bridgeport, WV









Charles Branch, PE

Principal, Civil Engineer

EMPLOYMENT HISTORY

1992 - Current Alpha Associates, Incorporated 1988-1992 Reimer, Muegge, & Associates, Inc.

EDUCATION

West Virginia University Bachelor - Civil Engineering; 2000 Fairmont State College Bachelor Architectural Engineering Technology; 1988

QUALIFICATIONS

• License: Professional Engineer: West Virginia

AFFILIATIONS

- WV Society of Professional Engineers
- National Society of Professional Engineers



Contact

Charles B. Branch 304.296.8216 800.640.8216

chuck.branch@thinkalphafirst.com





ALPHA RESUMES



SUMMARY

Charles B. Luttrell, PE | Principal, Structural Engineer

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

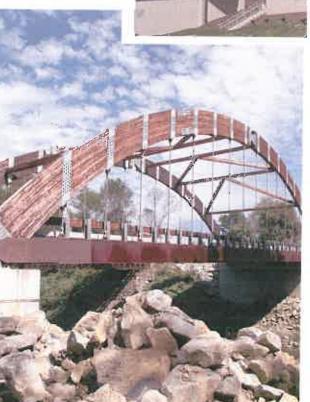
Structural Engineer:

- Freedom Automotive Group 3 Dealerships; Morgantown, WV
- Hazel Ruby McQuain Equine Education & Resource Center; WVU
- WVDOH Arnettsville Replacement Bridge; Morgantown, WV
- Clarksburg State Office Building; Morgantown, WV
- Grant County Bank Addition & Renovation; Petersburg, WV
- South Berkeley Fire Station; Inwood, WV
- Alumni Center Structural Framing and Foundation; WVU
- Engineering Science Building, East Wing Addition, WVU
- Hazel Ruby McQuain Amphitheater Roof; Morgantown, WV
- West Buckeye Bridge; Core, WV
- Washington High School; Charles Town, WV
- WVU Coliseum Structural Inspection; Morgantown, WV
- WVU Coliseum Scoreboard Hoist Project; Morgantown, WV
- Alderson Broaddus College, Rex Pyles Arena Deck; Philippi, WV
- Mountaineer Middle School Renovation; Morgantown, WV
- Salem International Building Inspections; Salem, WV
- Monongalia County Sheriff's Building; Morgantown, WV
- South High Street Bridge, Morgantown, WV
- Ices Ferry Bridge, Morgantown, WV











Charles B. Luttrell, PE | Principal, Structural Engineer

EMPLOYMENT HISTORY

1996 - Current Alpha Associates, Incorporated

1995-1996 Larry D. Luttrell, PE, Ph D 1991-1994 West Virginia University

1990-1991 WVU Constructed Facilities Center

EDUCATION

West Virginia University

Masters - Structural Engineering; 1995 Bachelor - Civil Engineering; 1993

QUALIFICATIONS

• License: Professional Engineer: West Virginia, Pennsylvania

AFFILIATIONS

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

Research Experience

- Cold Formed Steel Deck Research
 - ✓ Fastener Failures
 - ✓ Edge conditions/failures
 - ✓ Buttoned overlap sheer failures
- Composite Cold Formed Steel and Concrete Deck Research
 - ✓ Line load behavior/failures
 - ✓ Concentrated load behavior/failures
 - ✓ Web crippling
 - ✓ Punch failures



Contact

Charles B. Luttrell 304.296.8216 800.640.8216 hinkalphafirst.com

charlie.luttrell@thinkalphafirst.com









SUMMARY

Rebecca Key, AIA, LEED-AP Architect, Associate

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



PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

- Mountaineer Middle School Renovation; Morgantown, WV
- Pineville Elementary School; Pineville, WV
- West Virginia State Office Building; Clarksburg, WV
- Monongalia County Sheriff's Department; Morgantown, WV
- WV Regional Technology Park Building 770 Renovation; Charleston,
 WV
- Jane Lew Truck Stop; Jane Lew, WV
- FMW Composites Rubber Autoclave; Bridgeport, WV
- FMW Composites Clean Room Renovation; Bridgeport, WV
- FMW Composites Processing Facility Shell Building; Bridgeport, WV
- FMW Composites Processing Facility Plant; Hazelton, WV
- National Energy & Technology Labs Process Gases Feasibility Study;
 Morgantown, WV
- National Energy & Technology Code Analysis; Morgantown, WV
- WV DNR Spring Run Fish Hatchery Roof Replacement; Petersburg, WV
- WVDOH District 2 Headquarters Roof Replacement; Huntington, WV
- WVDOH District 2 Moisture Investigation; Huntington, WV
- Monongalia County Family Court Renovation; Morgantown, WV
- White Hall Municipal Building; White Hall, WV
- West Virginia State Office Building; Parkersburg, WV
- Clear Mountain Bank; Morgantown, WV
- 57 Middleway Pike Commercial Building; Inwood, WV
- Chestnut Ridge Research Building 5th & 7th Floors; Morgantown, WV
- Camden Family Health; Weston, WV
- Hoods Pharmacy; Follansbee, WV









Rebecca Key, AIA, LEED-AP

Architect, Associate

EMPLOYMENT HISTORY

2000 – Current Alpha Associates, Incorporated 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
- Leadership Kanawha Valley Class of 2014



Contact

Rebecca Key 304.296.8216 800.640.8216

rebecca.key@thinkalphafirst.com





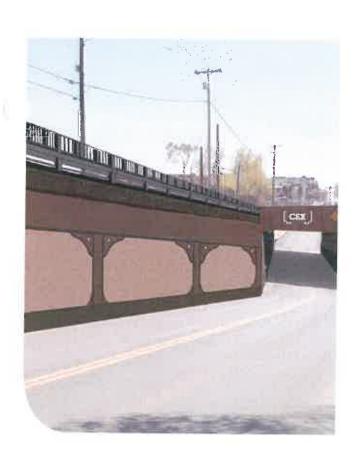
ALPHA RESUMES



Matthew T. Echard, PE | Structural Engineer, Associate

SUMMARY

Mr. Echard joined Alpha Associates, Inc. in early 2016 with a strong belief that his clients deserve intelligent, performance-based and value-oriented solutions. Drawing on experience working across the United States, Europe, and the Middle East, Mr. Echard returned to West Virginia to provide world-class service in a historically underserved region while making positive contributions to the future growth of his home state. Mr. Echard places a large value on the collaborative work process, believing that a building's form and function are derived from many contexts.



PROFILE

Broad-based responsibilities in the following areas:

- Structural Engineering
- Structural Forensics
- Project Management

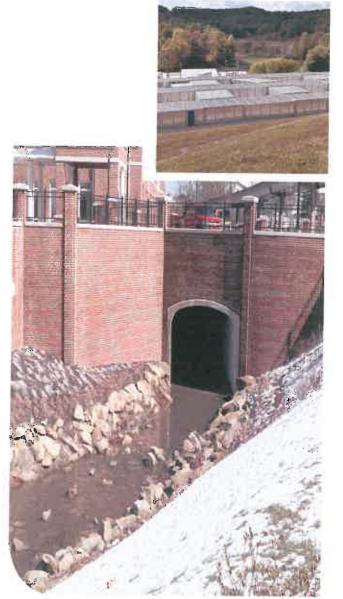
PROFESSIONAL HIGHLIGHTS

Structural Engineering:

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









Matthew T. Echard, PE Structural Engineer

EMPLOYMENT HISTORY

2016-Current Alpha Associates, Incorporated

2010-2015 Echard ingenieurBüro

2006-2009 **Buro Happold Consulting Engineers**

2003-2006 RISA Technologies, Inc. 2000-2003 Zaldastani Associates, Inc.

EDUCATION

Massachusetts Institute of Technology Masters - Engineering & Environmental Mechanics 2002 West Virginia University Bachelors of Science - Civil Engineering 2000

QUALIFICATIONS

- License: Professional Engineer: West Virginia, California
- California OES SAP Evalutor

AFFILIATIONS

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

Publications

- Echard, M. and Tonis, D. Convergent Design Methodology for Bio-Science Labs: Architectonic and Performative Structural Considerations Using the Geilinger Composite Column Solution. Proceedings of ICSA2010 - First International Conference on Structures and Architecture Guimarães, Portugal, July 2010, Taylor & Francis.
- •Echard, M. Structural Analysis and Design Within a BIM Framework. EASEC 10 - East Asia Structural Conference, Bangkok, Thailand, August 2006.



Contact

Matthew T. Echard 304.296.8216 800.640.8216 matthew.echard@thinkalphafirst.com





ALPHA RESUMES



Bradley Casdorph, PE, PS | Civil Engineer

SUMMARY

Mr. Casdorph joined the Alpha Associates, Incorporated team in 2004 and currently works as a project engineer in the Morgantown office. He has 36 years of professional experience with roadway design, storm sewer design, airport airside renovation and design, storm water management including conveyance and detention, environmental permitting, project administration supervision and inspection, as well as boundary and construction surveying.



PROFILE

Broad-based responsibilities in the following areas:

- Airport Planning and Design
- Highway Design
- Hydraulic and Hydrology Studies
- Site Plan Development
- Land Surveying

PROFESSIONAL HIGHLIGHTS

Civil Engineering:

- Platinum Properties Waterfront Conference Center; Morgantown, WV
- Hart Field Runway Safety Area; Morgantown, WV
- Hart Field Ramp Renovation and Deicing Facility; Morgantown, WV
- Hart Field Signage and Lighting; Morgantown, WV
- Hart Field Airport Certification Manual; Morgantown, WV
- Hart Field Air Rescue and Fire Fighting Vehicle Procurement, WV
- WVU Lot 81 Parking Area Improvements; Morgantown, WV
- WVU Animal Facilities Annex, Engineering Retrofit; Morgantown, WV
- McKee Crossing 120 Acre Subdivision; Martinsburg, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- Davisson Estates 60 Acre Subdivision; Morgantown, WV
- Mon General Hospital East Parking Area; Morgantown, WV
- Applebee's Restaurant, Site Plan; Morgantown, WV
- WVU CPASS/Student Health; Morgantown, WV
- WVU Research Park- 100 Acre ALTA/ACSM Survey; Morgantown, WV
- WVU Museum; Morgantown, WV









Bradley Casdorph, PE, PS | Civil Engineer

EMPLOYMENT HISTORY

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

EDUCATION

West Virginia University Masters - Soil Conditions and Foundation Design; 1982 Bachelor - Civil Engineering; 1979

QUALIFICATIONS

• License: Professional Engineer: West Virginia Professional Surveyor: West Virginia Certified Private Pilot

AFFILIATIONS

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





Contact

Bradley Casdorph 304.296.8216 800.640.8216

brad.casdorph@thinkalphafirst.com





B. Craig Miller, PE

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

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

<u> Project Role: Relationship Manager - Primary Point of Contact</u>

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

Professional Proiect Highlights

- WVU Recreation Center Indoor Pool Owner's Engineer
- WVU Life Sciences Building and Student Recreation Center Owner's Engineer
- Camp Virgil Tate
- Mapletown High School HVAC Replacement
- Advanced Surgical Hospital
- Holly River State Park Primary Electric Service Replacements Phase | & II
- Beech Fork State Park MEP New Construction Design
- WVU Willowdale Walkway

Professional History

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

Education

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

Licenses and Certifications

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





Travis Taylor, PE

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

planning and MEP design through construction administration.

<u> Project Role: Lead MEP Engineer</u>

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

Professional Project Highlights

- Krepps Park ADA Upgrades
- Holly River State Park Primary Electric Service Replacements Phase ! & !!
- Beech Fork State Park Lodge Design Development
- Pipestem Lodge McKeever Lodge HVAC Piping Replacement
- WV Veterans Memorial Restoration
- Bobtown Elementary School HVAC Upgrades

Professional History

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

2006-2006 Schlumberger Field Engineer Trainee - MWD

Education

2006 West Virginia University, BS – Mechanical Engineering

Licenses and Certifications

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





Jack Jamison

Jack brings 15 years as an electrical/building inspector and over 25 years of experience in the commercial electrical construction industry. His knowledge and experience are valuable resources to Miller's complete assessment process.

Project Role: Code and Construction Specialist

- Facility Review, Code Research, and Project Evaluation
- Field Observations and Issue Resolutions

Professional Project Highlights

- Board Member of the WV Code Officials
- Founder and Secretary of the West Virginia Division of the International Association of Electrical Inspectors
- IAEI Ohio Chapter Membership Chair

Professional History

2010- Present Miller Engineering, Inc. Code and Construction Specialist

1999-2010 Megco Inspections Chief Inspector 1972-1998 Master Electrician

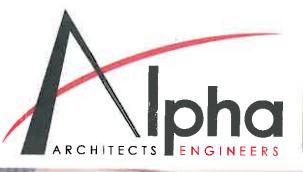
Jamison Electrical Construction

Education

Fairmont State College, BS-Engineering Technology-Electronics

Licenses and Certifications

- Master Code Professional, IAEI Master Electrical Inspector, Class C Electrical Inspector WV, PA, MD, & OH
- ICC Commercial Building, Building Plans, Commercial Plumbing, Residential Energy, and Accessibility Inspector/Examiner
- WV Master Electricians License
- NCPCCI-2B, 2C, 4B, 4C: Electrical & Mechanical General/Plan Review
- OSHA 30 Hour Course: General Industry
- NFPA Code Making Panel 14 NEC 2014 Edition













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 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 4th 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









The Augusta | 2008

Architectural Case Study

The Augusta Residential Complex Morgantown, WV

Alpha Associates, Incorporated completed the design and construction of this residential tower located in Morgantown, WV. The project consisted of two buildings and is approximately 148,000 SF. Included in the buildings are:

- 158 Student Housing Units for 296 **Occupants**
- Mix of 2 Bedroom/2 Bath Units & 1 Bedroom/1 Bath Units
- Includes Central Lobby
- Multi-story Mid Rise Development
- 2 Buildings 5 to 7 Levels
- 3 Elevators
- **Parking Garage**
- Fully Landscaped Courtyard
- Leasable Rental Space

This residential housing complex was recently purchased by West Virginia University.

Project Contact:

Joseph Patten PO Box 6570 Morgantown, WV 26506 304-293-5876

Augusta



At a Glance

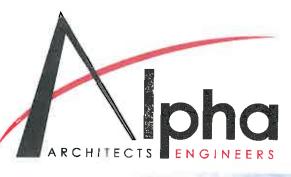
CLIENT: McCoy 6 Properties

LOCATION: Morgantown, WV

COMPLETION DATE: 2008

SIZE: 148,000 sq. ft.

CONSTRUCTION COST: \$32,000,000











Student Leader Housing | Multiple Projects

Residential Case Study

West Virginia University - Student Leader Housing

Morgantown, WV

This project was part of West Virginia University's "Operation Jumpstart" program, providing housing units to accommodate Resident Faculty Leaders. Alpha provided architectural and engineering services for program review and the design of campus housing units, which included four different sites.

The units, designed to utilize modular construction, are located adjacent to the Tower Dormitories as well as Arnold, Boreman and Stainaker Halls.

The total built/renovated area approximately 32,000 square feet and includes six single family, five bedroom residences, an office support building, six two-car garages, conference/meeting facilities, and computer and fitness center.

Project Contact:

WVU Facilities Management PO Box 6572 Morgantown, WV 26506 304-293-5463



At a Glance

CLIENT: West Virginia University

LOCATION: Morgantown, WV

COMPLETION DATE: 1998

SIZE: 32,000 sq. ft.

CONSTRUCTION COST: Multiple Projects and

Phases











Vehicle Maintenance Facility 2009

Architectural Case Study

EPTA Vehicle Maintenance Facility Alterations and Additions Martinsburg, WV

Alpha provided architectural and engineering services for the Eastern Panhandle Transit Authority Vehicle Maintenance Facility in Martinsburg, WV.

The Scope of Work included a 1550 square feet addition and a 2400 square foot renovation of the existing facility. Due to funding, the time constraints on this project were very tight.

The work included:

- Selective Demolition
- Three New Offices
- New Workroom and Storage Room
- New Toilets and Training Room
- Carpet Removal and Replacement

Project Contact:

Belinda Rollins 446 Novak Drive Martinsburg, WV 25405 304-263-0876



At a Glance

CLIENT: WV Depart of Public

Transit

LOCATION: Martinsburg, WV

COMPLETION DATE: 2009

SIZE: 3,950 square feet

CONSTRUCTION COST: Private Client









Wood Technology Center | 2005

Architectural Case Study

Wood Technology Center

Elkins, WV

The West Virginia Wood Technology Center offers continuing education students training and technical support. Alpha Associates, Incorporated provided design and construction administration for 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 topfinishing of wood quality projects produced in the wood shop.

Project Contact:

Robbie Morris 10 11th Street #1 **Elkins, WV 26241** 304-637-0803



At a Glance

CLIENT: Randolph County

Development Authority

LOCATION: Elkins, WV

COMPLETION DATE: 2005

SIZE: 7,470 SF

CONSTRUCTION COST: \$436,000







ALPHA EXPERIENCE



Prichard Hall 2001

Educational Case Study

Fairmont State College - Prichard Hall Fairmont, WV

Alpha Associates, Incorporated provided Architectural and Engineering Services for Fairmont State College for the renovation of a 1963 Co-Ed Dormitory. Design of ADA compliant entrance ramp and main entrance into the building were included in this project. Interior renovations of the 1,466-SF space included lobby, vending area, computer lab, TV lounge, poolroom, and ADA compliant restroom facilities.

Alpha's design staff chose large format porcelain tile for the exterior finish material of the landings in the entry. Utilizing this format allows for a slip resistant surface and provides a contrast from the sidewalk and ramp surface to the entry area of the building.

Project Contact:

Larry Lawrence 1201 Locust Avenue Fairmont, WV 26554 304-304-367-4295



At a Glance

CLIENT: Fairmont State College

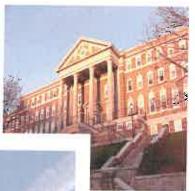
LOCATION: Fairmont, WV

COMPLETION DATE: 2001

SIZE: 1.466 SF

CONSTRUCTION COST: \$240,000











Stainaker Hall 1993

Educational Case Study

West Virginia University - Stalnaker Hali 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











WV Regional Tech Park Building 770 Est. 2015

Architectural Case Study

WV Regional Tech Park-Building 770 Renovation South Charleston, WV

Alpha Associates, Incorporated currently working with HDR on the renovation of Building 770 at the WV Regional Tech Park in South Charleston. The project is the core and shell of a vacant and unoccupied laboratory building. Design work included the selective demolition and removal of HVAC, piping systems, and corridor ceilings. In addition, Alpha's team performed a full roof replacement, limited masonry work as it related to infill, repair of mortar joints, and structural settlement. Construction is currently underway for this project, and the estimated completion date is September of 2015.

Project Contact:

Jim King 1018 Kanawha Blvd., East Charleston, WV 25307 304-558-0281



At a Glance

CLIENT: WVHEPC

LOCATION: South Charleston, WV

COMPLETION DATE: Est. September 2015

SIZE: 128,900 Sq. Ft.

CONSTRUCTION COST: \$11.478 Million



Descriptions of Past Projects Completed - Pool Repair

Tomlinson Run State Park

New Manchester, WV

Services Provided:

- Mechanical
- Plumbing
- Pool Systems

Estimated Budget: \$850k
Facility Area: 15,000 ft²
Owner: West Virginia Division

of Natural Resources





Project Contact: Brad Leslie, PE WVDNR Parks and Recreation (304) 558-2764 ext. 51826

The existing pool was constructed in approximately 1980 by a local pool contractor. The owner indicated they were experiencing significant leaking and could not determine the precise cause. Additionally, the pool was experiencing significant cracking at the tops of the pool walls. The water slide was reportedly difficult to keep in operation due to various maintenance issues. The pool also had a rather unique CMU (concrete block) and tension rod wall configuration which was evaluated for the potential to perform an extensive repair. As part of the repair, the owner wished to significantly alter the depth profile of the pool and make the pool ADA accessible. The repair also included the installation of a new filtration system, gutter system, PVC liner and addressed several longer term maintenance concerns.



Project Experience – Beach and Bathhouse

Tygart Lake State Park

Grafton, WV

Services Provided:

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

Estimated Budget: \$995k Facility Area: 4 acres

Owner: West Virginia Division of

Natural Resources





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

Previously the beach area was nothing more than a concrete slab prone to algae infestation creating a slip hazard. Paths and recreation areas were illdefined, lacking clear flow or direction and did not contribute to natural surroundings. After a site review, an overall plan was developed by Miller Engineering and is now a successfully completed project. The State Park is a popular recreation destination for Morgantown area residents. The beach area and access, volleyball, horse shoe, grilling and bath house were all renovated. The kitchen received code compliant updates and additional electric capacity to add a concession stand in the future.



REFERENCES

Jim King
WV Higher Education Policy Council
1018 Kanawha Boulevard, East, Suite 700
Charleston, WV 25301-2800

304-558-0281 ext. 206

Brad Leslie

WV DNR

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

David Hildreth State of West Virginia

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

(304) 558-2541

Frank Blackwell, Executive Director West Virginia School Building Authority 2300 Kanawha Boulevard, East Charleston, WV 25311

Scott Owen, Project Manager West Virginia University Design & Construction 979 Rawley Lane PO Box 6572 Morgantown, WV 26506 (304) 293-7478 "Alpha Associates have a proven record of customer satisfaction and successful client delivery with our organization. We would be confident in our recommendation in support of Alpha."

J. Paul Walden
West Virginia University

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

Robert Hammel, Former Director Morgantown Municipal Airport

