

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: 516519

Doc Description: Overhead Door and Concrete-Metal Ramp Design EOI

Proc Type: Central Purchase Order

Date Issued Solicitation Closes Solicitation No Version 2018-11-21 2018-12-11 CEOL 0603 ADJ1900000012 13:30:00

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV

25305

RECEIVED

2018 DEC 10 PM 12: 04-

VENDOR

US

Vendor Name, Address and Telephone Number:

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

FOR INFORMATION CONTACT THE BUYER

Stephanie L Gale (304) 558-8801

stephanie.l.gale@wv.gov

Signature X

Mes 4600 FEIN# 550516286

DATE 12/6/18

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

Page: 1

FORM ID: WV-PRC-CEOI-001

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

Richard A. Colebank, President & COO	
(Name, Title)	
Milalut	
(Printed Name and Title)	_
209 Prairie Ave, Morgantown, WV 26501	
(Address)	
<u>304-296-8216/304-296-8</u> 245	
(Phone Number) / (Fax Number)	_
rick.colebank@thinkalphafirst.com	
(email address)	

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contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated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

_Alpha Associates, Inc		
(Company)		
And Collect		
(Authorized Signature) (Representative Name, Title)		
Richano A. Colebank President & Lot		
(Printed Name and Title of Authorized Representative)		
12/6/18		
(Date)		
304-296-8216/ 304-296-8245		
(Phone Number) (Fax Number)		

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

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

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

Addendum Numbers Received: (Check the box next to each addendum received)	zived)
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 represent	ipt of addenda may be cause for rejection of this bid tation made or assumed to be made during any oral atives and any state personnel is not binding. Only to the specifications by an official addendum is
Alpha Associates, Inc	
Company	
Authorized Signature	
12/6/18 Date	
NOTE: This addands 1	

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

West Virginia Ethics Commission Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Alpha Associates, Inc	Address: 209 Prairie Ave, Morgantown, WV 26501
Authorized Agent: Richard A. Colebank	Address:
Contract Number: CEOI 0603 ADJ1900000012	Contract Description: Overhead Door and Concrete-Metal
Governmental agency awarding contract: West Virginia	Paran Danian
☐ Check here if this is a Supplemental Disclosure	
List the Names of Interested Parties to the contract which are entity for each category below (attach additional pages if ne	e known or reasonably anticipated by the contracting business
Subcontractors or other entities performing work or ✓ Check here if none, otherwise list entity/individual nat	r service under the Contract
2. Any person or entity who owns 25% or more of cont Check here if none, otherwise list entity/individual nar	tracting entity (not applicable to publicly traded entities)
Richard A. Colebank Richard W. Klein	
3. Any person or entity that facilitated, or negotiated services related to the negotiation or drafting of the Discherk here if none, otherwise list entity/individual name.	the terms of, the applicable contract (excluding legal applicable contract)
11111	
Signature: lulellellel	Date Signed : _ 12/6/18
Notary Verification	
State of West Virginia , Cour	nty of Upshur
i, <u>Kayla Facemire</u> entity listed above, being duly sworn, acknowledge that the penalty of perjury.	, the authorized agent of the contracting business Disclosure herein is being made under oath and under the
Taken, sworn to and subscribed before me this 6th	December , 2018.
To be completed by State Agency: Date Received by State Agency: Date submitted to Ethics Commission: Governmental agency submitting Disclosure;	Notary Public's Signature OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC Kayla D Facemire PO Box 1083 Buckhannon, WV 26201 My Commission Expired and Section 2017

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

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

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

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has 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 definquent 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, fallure 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 of a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Alpha Associates, Inc	
Authorized Signature:	n L. Pars. & Coo Date: 12/6/18
State of West Virginia	
County of Upshur to-wit:	
Taken, subscribed, and sworn to before me this 6	day of <u>December</u> , 20 18.
My Commission expires September 19 OFFICIAL SEAL STATE OF WEST VIRGINIA FRE NOTARY PUBLIC Kayla D Facemire PO Box 1083 Buckhannon, WV 26201	NOTARY PUBLIC COLLARS
My Commission Expires Sep. 19, 2023	Hurchasing Affidavit (Revised 01/19/2018)





WV Army National Guard

Overhead Door and Concrete-Metal Ramp Design

December 11, 2018 1:30PM CEOI 0603 ADJ1900000012

EXPRESSION OF INTEREST











December 11, 2018

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

Attn: Stephanie Gale

RE: CEOI 0603 ADJ1900000012 Overhead Door and Concrete-Metal Ramp Design

Dear Ms. Gale,

Alpha Associates, Incorporated is pleased to submit our qualifications to provide architectural and engineering services for the Overhead Door and Concrete-Metal Ramp Design located at the Rock Branch Warehouse Facility in Poca, West Virginia. We have established a strong team for this important project. Alpha's past experience with similar projects, and our existing relationship with the General Services Division make us the perfect design partner on this important design project.

Since 1969, Alpha has partnered with numerous Federal, State, and local governments to provide architectural and engineering services for projects around West Virginia, including numerous projects for the state of West Virginia. Alpha has also completed renovation projects of varying types and sizes, including the Clarksburg State Office Building, and currently working on Building 25 in Parkersburg and the Miner's Health and Safety Building in Oak Hill. Previous work designed by Alpha ranges from small renovations of less than 200 square feet to large and very complicated renovations. These larger projects required not only architectural design but significant structural and mechanical and electrical modifications.

Design Team

Alpha is a West Virginia owned and operated architectural and engineering design firm with locations in Morgantown, and Martinsburg. Our 24-person professional staff includes architects, civil and structural engineers, surveyors, cost estimators, construction representatives, landscape designers, interior designers, and technicians. The personnel that will be dedicated to your project are highly qualified professionals and support staff with the technical expertise



to meet and exceed expectations of this project. This project will be managed and produced in Alpha's Morgantown Office. Our staff will be available to be onsite within approximately a day's notice as needed. This allows us to offer the WV Purchasing Division a cohesive design team for a seamlessly completed project.

Project Understanding

The Department of Administration is looking to partner with a firm to design and develop construction documents to renovate two overhead coiling doors and provide a concrete or metal entrance/exit ramp at one of these door locations. This facility will house military assets from various agencies. These two overhead coiling doors will need to be designed for a maximum horizontal clearance of no less than 16 feet and a maximum vertical clearance of no less than 16 feet. New exterior/interior lights may be required. The concrete metal ramp will need to withstand no less than 50,000 lbs.

Summary

The Alpha Team is looking forward to continuing to build an already successful relationship with the Purchasing Division and the State of West Virginia by providing excellent service at affordable costs. Our dedicated team of professionals will make your project a priority. If you would like to further discuss this upcoming project, please contact me at (304) 296-8216 ext. 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 and COO Richard W. Klein, PE, PS; Chairman and CEO Charles B. Luttrell, PE; Principal Charles B. Branch, PE; Principal

NUMBER OF EMPLOYEES

24 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.





STATEMENT OF QUALIFICATIONS

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Alpha Associates, Incorporated is an Architectural and Engineering design firm that provides services in the areas of Architectural Design, Civil Engineering, Structural Engineering, Landscape Design, Interior Design, Construction Administration, Project Management, and Surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technical tools, dedicated principals and highly skilled staff members.

Since 1969, Alpha has provided architectural and engineering design services throughout the state of West Virginia. We have worked with many local, state, and federal government entities on numerous Building renovation projects of varying sizes and types. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar type facilities.

Alpha's philosophy has always been to provide exemplary services for fair fees. We have always believed that the best way to succeed as a business is to go above and beyond the basic requirements of our contracts and do everything necessary to successfully complete the given project. What is best for the client is inevitably best for us too.

Everyone at Alpha, from the President to the administrative staff, all work towards the goal of completing successful projects. Our principals are involved with projects from the earliest stages right through final completion and beyond. They will consistently update you on your project by using effective communication tools to manage the projects and all the involved parties. Our skilled staff of twenty two (24) architects, engineers, surveyors and administrative personnel all work diligently towards producing the drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for 49 years because we are a professional organization dedicated to providing superior architectural and engineering design services to our clients. While our staff is large enough to handle any size project, we are also small enough to give each and every one of our projects the individual attention to detail that will make them successful projects for our clients.





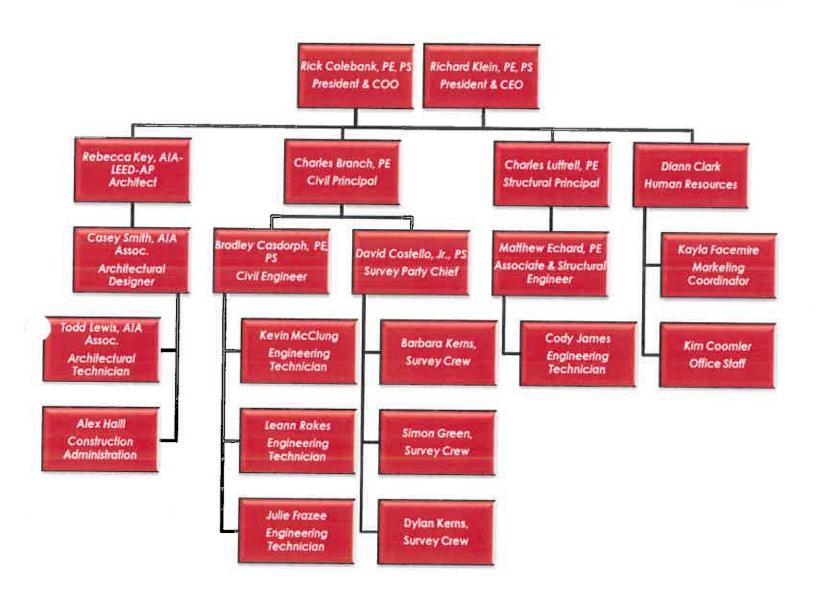
All work to be performed for the West Virginia Purchasing Division will be managed out of Alpha's Morgantown office. In addition to your dedicated Project Team, Alpha's staff of 24 includes engineers, architects, architectural designers, interior designers, landscape designers, technicians, and support staff that is available to assist with any potential project need.















COST AND SCHEDULE CONTROL

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budget. Many A/E firms can claim the same successes few actually achieve the results Alpha has over the years. One of the determining factor is the tools the firms utilize to produce the budgets. Alpha utilizes a number of tools, both traditional and modern to exceed our clients' expectations.

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

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

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

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

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





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

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

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

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

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







Capacity

Alpha Associates, Incorporated is prepared to commit staff resources to the overhead door and concrete-ramp design project. Alpha has the qualified and experienced personnel, administrative support, along with the production equipment and resources to ensure the successful completion of this project. We are confident in our ability to provide the West Virginia Purchasing Division with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations of the State by committing any resources necessary to meet the project schedule.

Software

The project team incorporates the latest computer and software capabilities required to complete the working drawings and specifications for this project. Our cost accounting system is top-of-the-line and we have the ability to differentiate fees according to task. We have 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 18
- > REVIT (Editions up to 2018)
- ➢ Civil 3D
- ➤ RISA 3D
- ➤ RISA Floor
- RISA Foundation
- ➤ MathCAD

- Autodesk Suite
- > Enercalc
- ➤ AutoTURN
- TopCon GR5 GPS System
- ➤ TopCon Total Station with Reflectorless Capabilities
- Carlson Surveyor & Data Collector





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



PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Project Manager:

- WVU Research Park; Morgantown, WV
- Federal Bureau of Prisons Hazeiton Medium Security Prison
- WV Medal of Honor Recipients Plaza; Hazelton, WV
- North Fork Hughes River Recreation Facilities; Ritchie County, WV
- WVDOH I-77 Welcome Center; Williamstown, WV
- Ices Ferry Bridge; Morgantown, WV
- Monongalia General Hospital Expansion; Morgantown, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- Morgantown Municipal Airport Access Road; Morgantown, WV
- West Virginia State Office Building; Clarksburg, WV
- WVU College of Physical Education and Sports Science/Student Health Center; Morgantown, WV

Indefinite Delivery/Indefinite Quantity Contracts:

- Morgantown Municipal Airport Open End Contract
- West Virginia Division of Highways Open End Contract
- National Energy Technology Laboratories Open End Contract
- West Virginia University Open End Contract
- United States Postal Service Open End Contract











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

EMPLOYMENT HISTORY

1985 - Current Alpha Associates, Incorporated 1983-1985 Charles Townes and Associates, P.C. 1983

US Army Corps of Engineers

EDUCATION

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

QUALIFICATIONS

• License: Professional Engineer: West Virginia, Maryland, Pennsylvania, Virginia

Professional Surveyor: West Virginia

Certified Private Pilot

AFFILIATIONS

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



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.



Broad-based responsibilities in the following areas:

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

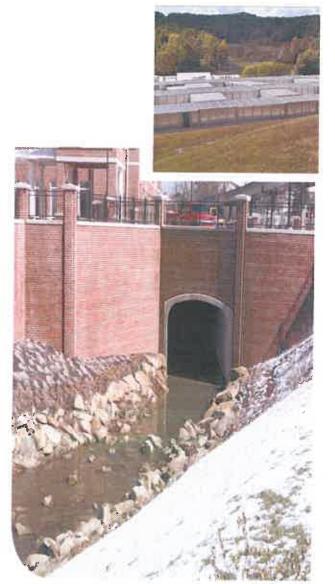
PROFESSIONAL HIGHLIGHTS

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

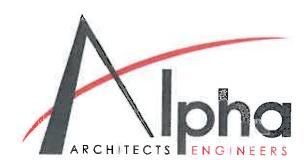
AFFILIATIONS

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



Contact

Charles B. Branch 304.296.8216 800.640.8216 chuck.branch@fhinkalphafirst.com



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.



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











1996 - Current Alpha Associates, Incorporated

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

1990-1991 WVU Constructed Facilities Center



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 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

Education

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

Historic Renovations

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

Recreation

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

Dormitory and Multi-Family

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

Municipal & State Government

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







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



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

QUALIFICATIONS

- License: Registered Architect: West Virginia, Maryland, Washington DC, New York, Virginia, Pennsylvania
- NCIDQ Certified (Interior Design)
- Leadership In Energy and Environmental Design Accredited **Professional**
- Meet Standards of Secretary of the Interior for historic architecture

AFFILIATIONS

- American Institute of Architects
- West Virginia Society of Architects
- Fairmont, WV ICC Board of Appeal; Board Member
- U.S. Green Building Council
- AIA Liveable Communities
- Marion County Chamber of Commerce
- Leadership Kanawha Valley Class of 2014



Contact

Rebecca Key 304.296.8216 800.640.8216 rebecca.key@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







ALPHA RESUMES

Bradley Casdorph, PE, PS | Civil Engineer



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@hinkalphafirst.com







Matthew T. Echard, PE | Structural Engineer, Associate

SUMMARY

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

EMPLOYMENT HISTORY

2016-Current	Alpha Associates, Incorporated
2010-2015	Echard ingenieurBüro
2006-2009	Buro Happold Consulting
	Engineers
2003-2006	RISA Technologies, Inc.

Zaldastani Associates, Inc.

EDUCATION

2000-2003

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)

PROFILE

Broad-based responsibilities in the following areas:

- Structural Engineering
- Structural Forensics
- Project Management

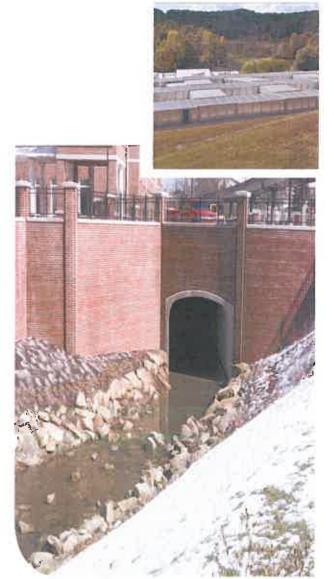
PROFESSIONAL HIGHLIGHTS

Structural Engineering:

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







ALPHA RESUMES

Matthew T. Echard, PE | Structural Engineer

EMPLOYMENT HISTORY

2016-Current Alpha Associates, Incorporated 2010-2015 Echard ingenieurBüro

2006-2009 **Buro Happold Consulting Engineers** 2003-2006 RISA Technologies, Inc.

2000-2003 Zaldastani Associates, Inc.

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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@thinkalphatirst.com



Multi-Purpose Building









District Seven Headquarters | 2018

Architectural Case Study

Department of Highways District Seven Multi-Purpose Building and Lab Weston, WV

The project, currently in the Design Development Phase, consists of creating and providing construction documents for two facilities. Both facilities are located at the new Headquarters for District 7 WVDOH campus just outside of Weston, WV.

The first is a new concrete and asphalt testing laboratory on a previously prepared site pad. The building is planned to be approximately 5000 sq. ft., single story, all masonry building, with a wood truss roof.

The second facility, known as Multi-Purpose Building, consists of 4 different departments, separated by internal partitions and structure. Each department shall have their own high-bay area for variously sized transportation vehicles and storage. Administrative areas shall be located on a second level, with direct connection to the department they serve. Commonly utilized spaces shall be centrally located and accessible to all occupants without having to traverse another department. The building shall be approximately 31,000 sq. ft.

Project is planned for public bidding Fall 2018.

Project Contacts:

Joshua Smith **WVDOH Project Manager** 304-887-2325



At a Glance

CLIENT: WV Division of Highways

LOCATION: Weston, WV

COMPLETION DATE: 2019

Mulli-Purpose Big-31 000 sq. ft.

Lab- 5,000 sq.ft.

CONSTRUCTION COST: TBD











Sheriff's Building | 2011

Architectural Case Study

Monongalia County Sheriff's Building Morgantown, WV

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

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

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

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

Project Contacts:

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

or Robert Doyle 243 High St. Morgantown, WV 304-291-7268

MONORGANIA CULTY



At a Glance

CLIENT: Mon County

Commission

LOCATION: Morgantown, WV

COMPLETION DATE: 2011

SIZE: 31.655 sq. ft.

CONSTRUCTION COST: \$7.9 Million











District One Headquarters | 2006

Transportation Case Study

Department of Highways District One Headquarters Feasibility Study

Charleston, WV

Alpha's study investigated four potential options for rehabilitating the 4.48 acre location along Smith Street. The site contained four major buildings and several smaller buildings.

Option 1 - Proposed the renovation of the existing office building, the removal of various satellite or accessory structures and equipment shed. The Red Brick building Shawnee/Ruffner building would remain in place in their existing condition.

Option 2 – Proposed the same as option 1 with one exception. The Red Brick buildings would be renovated.

Option 3 - Proposed the demolition of all buildings except for the Shawnee/Ruffner Building which would be renovated.

Option 4 - Proposed the demolition of all buildings except for the Red Brick building which would be renovated.

Project Contact:

Anthony Carovillano 1334 Smith Avenue Charleston, WV 25301 304-558-3001



At a Glance

CLIENT: WV Division of Highways

LOCATION: Charleston, WV

COMPLETION DATE: 2006

SIZE: 4.48 Acres

4 Major Buildings

CONSTRUCTION COST: N/A











Maintenance Building 2005

Architectural Case Study

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 highbay 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.

Project Contact:

Jackie Marhefka 100 Hart Field Road Morgantown, WV 26505 304-291-7461



At a Glance

CLIENT: City of Morgantown

LOCATION: Morgantown, WV

COMPLETION DATE: 2005

SIZE: 8,000 SF

CONSTRUCTION COST: \$850,000











ARFF Building | 2003

AKIT BUILDING

Architectural Case Study

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

Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services this 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 in the building.

Project Contact:

Jackie Marhefka 100 Hart Field Road Morgantown, WV 26505 304-291-7461



At a Glance

CLIENT: City of Morgantown

LOCATION: Morgantown, WV

COMPLETION DATE: 2003

SIZE: 7,000 SF

CONSTRUCTION COST: \$1 Million



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS MA

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of the State of Mist Hirginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Charles B. Branch

Done, in Punsuamen on Acquerent Vasuer In un by land, hereby write that he having submitted sutisfactory evidence of his ability and aperience; is a

REGISTERED PROFESSIONAL ENGINEER:

Registration Aumber

To Basto and use such title in the practice of his profession, subject to the conditions prescribed by law.



Stormunder the hand and the Seal of the Board at the Capitol in the City of Charleston, this water day of February in the year of our Lord 2002 and of the State the Constitution Sightle

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

By Franki Holly

B. J. J. James Ja

Lake



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to behom these presents shall come Greeting

That The State Board of Registration for Professional Engineers
of the State of West Virginia, reposing special confidence in
the Intelligence, Integrity and Discretion of

Bradley H. Casdorph

DOES IN PURSUANCE OF AUTHORITY VESTED IN IT

by law hereby certify that he having submitted satisfactory evidence of his ability and experience is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.



Silvers under the hand of the Sud of the Beard at the Capitol in the City of Charleston, This 29th chay of December in the year of our Land 2005 "and of the State the One Alembred Fronty-Second

Members of the Board

Lever & Timm. J. Richa Ellynes

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all to whom these presents shall come. Greeting

Thin in De That Che Stale Board of Engineers, for Professional Cogineers,

of the State of West Virginia, reposing special confidence in the Intelligence: Integrity and Discretion of

Richard A. Colebank

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REGISTERED PROFESSIONAL, ENGINEER:

Registration Number

To Bold and use such title in the practice of his profession, subject to the conditions presoreled by law.



Citizen under the hand and the Lead of the Board at the Cantol in the City of Charleston this 2 and day of Fiel inthe Nine Hundred and Eighty-Eight and of the State the One Shandsed Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Front Goddy Kenneth H. Manne Robert Black



PSTATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Matthew T. Kchard

DOES IN PURSUANCE OF AUTHORITY VESTED IN

> by law hereby certify that he having submitted satisfactory evidence of his ability and experience is a

EGISTERED PROFESSIONAL ENGINEER

Registration Number

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.

Bitten under the hand of the Seal of the Board at the Capitol in the City of Charleston, This 17th day of August in the year of our Lord 2012 and of the State the One Hundred Forty-Ninth

Members of the Board

Senor De Timms J.

Richar Ellynae

Bhapan S. Shifa William & Jensey



of West Dinginia.

This Certifies that Reversa Jean Nev of Baltimore in the Haterof Marylano having successfully passed an examination before the Bourd of Architects of the Hater of West Virginia, and being otherwise qualified, is hereby authorized to practice Architecture in all its branches in the State of West Virginia.



Witness the signatures of the President and Lecretary of the Board of Architects of West Virginia and the seal of said Board, this ____26th, _day.of_September__1994-_

Well	Presidont
	Secretary



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND

Coall to whom these presents shall come, Genetica

Timom Or That Che State Stand of Engineering for Prolemical Engineers, of the Aute of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Charles B. Luttrell

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REGISTERED PROFESSIONAL ENGINEER:

Registration Annher

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STATE EDARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

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CERTIFICATE OF Authorization

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

The West Virginia State Board of Registration for Professional Engineers having verified the person in responsible charge is registered in West Virginia as a professional engineer for the noted firm, hereby certifies

> ALPHA ASSOCIATES, INC. C00012-00

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

has complied with section \$30-13-17 of the West Virginia Code governing the issuance of a Certificate of Authorization. The Board hereby notifies you of its certification with issuance of this Certification of Authorization for the period of:

January 1, 2018 - December 31, 2019

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

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATES OFFICE PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION

IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COAL UNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BUALD PRESIDENT



REFERENCES

Jim King WV Higher Education Policy Council 1018 Kanawha Boulevard, East, Suite 700 Charleston, WV 25301-2800 304-558-0281 ext. 206

Bill Clark, Executive Director Region 9 Planning and Development Council 400 West Stephen Street Suite 301 Martinsburg, West Virginia 25401 304-263-1743

David Hildreth State of West Virginia 1409 Greenbrier Street Charleston, WV 25305 304-558-0510

Brad Leslie

Division of Natural Resources 324 4th Avenue South Charleston, WV 25303 304-558-2764 304-367-1687

Damien Davis, City Engineer City of Morgantown 389 Spruce Street Morgantown, WV 26505 304-284-7412

"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

