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Welcome, Robert M Ross Solicitation Response(SR) Dept: 0511 ID: ESR09282200000001612 Ver.: 1 Function: New Phase: Final Modified by batch ; 09/29/2022	Procurement Budgeting Accounts Receivable Accounts Payable
Header () 1	
General Information Contact Default Values Discount Document Information Clarification Request	Eist View
Procurement Folder: 1102081	SO Doc Code: CEOI
Procurement Type: Central Purchase Order	SO Dept: 0511
Vendor ID: 000000201753	SO Doc ID: BSS230000001
Legal Name: ALPHA ASSOCIATES INC	Published Date: 9/16/22
Alias/DBA:	Close Date: 9/29/22
Total Bid: \$0.00	Close Time: 13:30
Response Date: 09/28/2022	Status: Closed
Response Time: 15:42	Solicitation Description: A/E SERVICES FOR CHILDREN'S CRISIS CENTER
Responded By User ID: Diann.Clark	Total of Header Attachments: 1
First Name: Heather	Total of All Attachments: 1
Last Name: Fox	
Email: heather.fox@thinkalphafi	
Phone: 304-296-8216	



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

#### State of West Virginia Solicitation Response

Proc Folder:	1102081				
Solicitation Description:	A/E SERVICES FOR CHILDREN'S CRISIS CENTER				
Proc Type:	Central Purchase Order				
Solicitation Closes	Solicitation Response Version				
2022-09-29 13:30		SR 0511 ESR09282200000001612	1		

VENDOR					
000000201753 ALPHA ASSOCIATES IN	с				
Solicitation Number:	CEOI 0511 BSS2300000001				
Total Bid:	0	Response Date:	2022-09-28	Response Time:	15:42:49
Comments:					

FOR INFORMATION CONTACT THE BU Crystal G Hustead (304) 558-2402 crystal.g.hustead@wv.gov	YER		
Vendor Signature X	FEIN#	DATE	
All offers subject to all terms and cond	itions contained in this solicitation		

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Line	Comm Ln Desc		Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Architectural enginee	ering				0.00
Comm	ı Code	Manufacturer		Specifica	ition	Model #
811015	508					

#### Commodity Line Comments:

#### **Extended Description:**

Expression of Interest Children's Crisis Center



### **EXPRESSION OF INTEREST**

## **ARCHITECTURAL/ENGINEERING SERVICES**

## **CHILDRENS CRISIS CENTER**

### CEIO 0511 BSS230000001

Public Notice Date: September 9, 2022

Submission Date: September 28, 2022

0



CONTACT

Address

Richard Colebank, President & COO Alpha Associates, Incorporated 209 Prairie Ave. Morgantown, WV 26501 Phone & Fax

Phone: 304-296-8216 Fax: 304-296-8245 Online

Email: rick.colebank@thinkalphafirst.com

Website: www.thinkALPHAfirst.com



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

#### State of West Virginia Centralized Expression of Interest Architect/Engr

Proc Folder: Doc Descriptic		1102081 A/E SERVICES FOR CHILDREN'S CRISIS CENTER				
Brog Tunner	Control Duration O. I					
Proc Type:	Central Purchase Order					
Date Issued	Solicitation Closes	Solicitation No	Version			

<b>BID RECEIVING I</b>	LOCATION		
BID CLERK			
DEPARTMENT OF	F ADMINISTRATION		
PURCHASING DI	VISION		
2019 WASHINGTO	ON ST E		
CHARLESTON	WV 25305		
US			

VENDOR	1 1 1		
Vendor Customer Code:			
Vendor Name: Alpha Associates,	Incor	porated	
Address :			
Street : 209 Prairie Ave.			
City: Morgantown			
state: West Virginia	Country :	USA	Zip: 26505
Principal Contact : Charles Branch			
Vendor Contact Phone: 304-296-8216		Extension: 115	

FOR INFORMATIC Crystal G Hustead	N CONTACT THE B	UYER	
(304) 558-2402			
crystal.g.hustead@	wv.gov		

Vendor Signature X C18 B. baccon

FEIN# 550516286

DATE 09/29/2022

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) Charles Branch, Senior Principal

(Printed Name and Title)

(Address) 209 Prairie Ave. Morgantown, WV 26501

(Phone Number) / (Fax Number) 304-296-8216 / 304.296.8245

(email address) chuck.branch@thinkalphafirst.com

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through *wv*OASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Alpha Associates, Incorporated

(Company)

(Authorized Signature) (Representative Name, Title) Charles Branch, Senior Principal (Printed Name and Title of Authorized Representative) (Date) 304-296-8216 / 304.296.8245 (Phone Number) (Fax Number) chuck.branch@thinkalphafirst.com

(Email Address)

Revised 07/01/2022

#### ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: BSS230000001

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)

[x]	Addendum No. 1	[	]	Addendum No. 6
[x]	Addendum No. 2	[	]	Addendum No. 7
[]	Addendum No. 3	[	]	Addendum No. 8
[]	Addendum No. 4	[	]	Addendum No. 9
[]	Addendum No. 5	[	]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Alpha Associates, Inc. Company

Authorized Signature

09/29/2022 Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing. Revised 6/8/2012

## TABLE OF CONTENTS.

### **SECTION A**

#### General Information

A.1	Letter of Interest	1-2
A.2	Firm Profile	03
A.3	Statement of Qualifications	04

## SECTION B

#### **Technical Expertise**

B.1	Staffing Plan	05
B.2	Team Organization	06
B.3	Schedule and Budget	07
B.4	Capacity and Software	08

### SECTION C

**Management and Staffing Capabilities** 

09-15

### SECTION D

**Project Experience** 

16-21

### **SECTION E**

#### **Project References**

E.1	Licenses and Certifications
E.2	References

22-28 29



September 29, 2022

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

Attn: Crystal Hustead

#### RE: CEOI 0511 BSS230000001 Children's Crisis Center

Dear Ms. Hustead,

Alpha Associates, Incorporated team is pleased to submit our qualifications to provide architectural and engineering services for the new Children's Crisis Center in Elkins, WV. We have established a strong team for this important project. Alpha's past experience with similar projects makes us a perfect teaming partner for you on your renovation project.

Since 1969, Alpha has partnered with numerous Federal, State, and local governments to provide architectural and engineering services for projects around West Virginia. We have accomplished many building designs including very complex designs with multiple buildings and different types of building materials. Previous work designed by Alpha ranges from small renovations of less than 200 square feet to large new builds. 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 21-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 from Alpha's Corporate Office located in Morgantown, West Virginia.



#### Project Understanding

The WV department of Health and Human Resources is seeking Architectural and engineering services for a 12-16 bed children's behavioral and mental facility located in Elkins, WV.

#### Summary '

The Alpha Team is looking forward to building a successful relationship with the department of Health and Human Resources 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. 115.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

HARLES B. BRANCH

Charles B. Branch, PE Senior Principal <u>chuck.branch@thinkalphafirst.com</u>





# WELCOME TO ALPHA ASSOCIATES, INC.

### **FIRM PROFILE**

Contract Role: Prime Architect & Engineer

#### Address

209 Prairie Avenue Morgantown, West Virginia 26501

535 West King Street Martinsburg, West Virginia 25401

#### **Principals**

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

#### Services Architectural Design Civil Engineering

## **STATEMENT OF QUALIFICATIONS.**

Alpha Associates, Incorporated is a West Virginia based architectural and engineering design firm that provides services in the areas of architectural design, interior design, construction administration, civil engineering, structural engineering, landscape design, project management and surveying. Our clients benefit from our unique combination of extensive design and construction experience, advanced technological tools, dedicated principals and highly skilled staff members. Our work is diverse and includes clients in commercial, educational and government facilities, developers and private organizations.

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 projects of varying sizes and types. Our team of engineering professionals has recent, relevant experience in the preparation of civil/site plans and infrastructure planning and design. In this proposal, you will find examples that showcase the Alpha Team's exceptional project experience on similar types of projects.

Alpha had the knowledge and understanding in design and construction to complete this project seamlessly, from the initial project inspections to the development of plans. The Alpha team will be you expert for this project.

Alpha's philosophy has always been to provide exemplary services to 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 the projects from the earliest stages right through the 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 one (21) architects, engineers, surveyors and administration personnel all work diligently towards producing drawings and specifications that will deliver our clients successful projects, completed on time and within budget.

Alpha has thrived for over 52 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.

# **KEY PERSONNEL.**

## TO BE ASSIGNED TO YOUR PROJECT

All work performed for the Children's Crisis Center will be managed out of Alpha's Morgantown office. In addition to your dedicated project team, Alpha's staff of 21 includes engineers, architects, architectural designers, technicians and support staff that are available to assist you with any potential project need.



Richard A. Colebank PE, President & COO Principal in Charge



Rebecca Key AIA, LEED AP Director of Architecture



Charles Branch PE, Senior Principal Senior Civil Engineer



Charles Luttrell PE, Senior Principal Senior Structural Engineer



Matthew Echard PE, Principal Structural Engineer

## MEET THE ALPHA TEAM.

MAN	<b>NA</b>	GERS	
111/1			

Richard W. Klein PE, PS Chairman & CEO Richard A. Colebank PE, PS President & COO

#### ARCHITECTURE

Rebecca Key AIA-LEED-AP Director of Architecture Casey Smith AIA Associate Architectural Designer

Todd Lewis AIA Associate Architectural Technician Alex Haill Construction Administration

#### **CIVIL ENGINEERING**

Charles Branch PE, Senior Principal Senior Civil Engineer Bradley Casdorph PE, PS Civil Engineer

Tom Simpson PE Civil Engineer David Costello Jr. PS Manager of Surveying

Julie Frazee Engineering Technician Terry Higgins Field Representative Kevin McClung Engineering Technician Barbara Kerns Survey Crew Tyler Collins Survey Crew

#### STRUCTURAL ENGINEERING

Charles Luttrell PE, Senior Principal Senior Structural Engineer Matthew Echard PE, Principal Structural Engineer Cody Antoon Engineering Technician

#### OFFICE ADMINISTRATION

Heather Fox Business Manager Molly Miller Marketing Coordinator Kim Coomler Administrative Assistant

## SCHEDULE AND BUDGET.

Alpha Associates, Incorporated has an excellent track record of producing projects on time and within the Owner's budges. Many A/E firms can claim the same successes, but the determining factor is the tools the firms utilize to achieve the budgets, both in regards to funds at the time. Alpha utilizes a number of tools, both traditional and modern to exceed our client's expectations.

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

- Preferred construction method
- Changes to project scope
- Unique construction elements

The Alpha Team had an excellent track record of meeting project deadlines. Alpha recently completed construction on a project in Morgantown that went from design to completion in just over 12 months. This project was completed for a private developer that had a construction cost in excess of \$20 million.

Successful Project management depends on consensus regarding work efforts, milestones and goals. The team had found the development of detailed work plans, which delineate tasks and deliverables for each project phase, in concert with the client and full project team, is the most effective means of establishing expectations about efforts requires by the respective disciplines. In addition to guiding the efforts of the design team, the work plan sets forth specific time frames and decision points for Owner and user reviews, comments and approvals.

Developing an overall project schedule is a critical task that must take into account many factors: building type, owner's desire for occupancy, scope of work and level of documentation, whether contract(s) is bid or negotiates, available fee, and experiences on similar projects. 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 works diligently to control the budget of the project. The best way to control the cost of a project is to avoid the "scope creep" that can occur.

Alpha's in house cost estimators, combined with an excellent relationship with contractors throughout the area will provide the client with the most 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 enhances. During these updated estimated, specific increases or decreases can be identified allowing the owner to make informed decisions moving forward on 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 AND SOFTWARE.**

## **OUR CAPABILITIES**

Alpha Associates, Incorporated is prepares to commit staff and resources to your project. Alpha has the qualified and experiences 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 you with a committed and dependable design team. Our multidisciplinary design team is prepared to meet and exceed the expectations for your project by committing any resources necessary to meet the project schedule.

### **USING THE LATEST SOFTWARE**

The project team incorporates the latest computer and software capabilities required to complete the working drawings and specifications of 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:

- AutoCAD22
- REVIT (Editions up to 2022)
- Civil 3D
- RISA 3D
- RISA Floor
- RISA Foundation
- MathCAD
- DJI Phanton 4 RTK Drone

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



1985-Current | Alpha Associates, Inc. 1983-1985 | Charles Townes & 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- State Board

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

## RICHARD A. COLEBANK

### PE,PS; PRESIDENT & COO

2 304-296-8216 | 800-640-8216

rick.colebank@thinkalphafirst.com

#### SUMMARY

Mr. Colebank is President and Chief Operating Officer at Alpha. He has been with Alpha Associates, Inc. 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 by 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.

#### **PRO**FILE

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 Principal:

Morgantown Municipal Airport Access Road; Morgantown, WV Mon General Access Road; Morgantown, WV WVU Reedsville Farm Redevelopment; Reedsville, WV Monongalia General Hospital Access Road; Morgantown, WV WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, WV WV State Office Building; Parkersburg, WV College of Physical Activity & Sports Science; Morgantown, WV WVDOH Open End Engineering Contract; WV WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV Clarksburg State Office Building; Clarksburg, WV Jane Lew Truck Stop; Jane Lew, WV Grant County Bank Addition & Renovation; Petersburg, WV South Berkeley Fire Station; Inwood, WV

#### ALPHA ASSOCIATES, INCORPORATED



#### EMPLOYMENT HISTORY

2000-Current | Alpha Associates, Inc. 1983-1999 | Alexander Key and Associates

1978-1983 | Webster Clothes; Director of Store Planning

#### EDUCATION

University of Maryland Bachelor of Architecture; 1977

Maryland Institute College of Art Coursework in Furniture Design; 1986-1987

#### QUALIFICATIONS

License: Registered Architect: Maryland, New York, Pennsylvania, Virginia, Washinton DC, West Virginia

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** 

Leadership Kanawha Valley Class of 2014

## **REBECCA KEY**

### AIA, LEED-AP; DIRECTOR OF ARCHITECTURE

304-296-8216 | 800-640-8216

rebecca.key@thinkalphafirst.com

#### SUMMARY

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, Inc. 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 ever-growing skyline of Morgantown, Charleston, Bridgeport, and other areas around the state.

#### **PRO**FILE

Broad-based responsibilities in the following areas:

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

Project Management

#### **PROFESSIONAL HIGHLIGHTS**

Education: Ridgedale Elementary; Morgantown, WV Mountaineer Middle School; Morgantown, WV Pineville Elementary; Pineville, WV Washington High School; Chares Town, WV Historic Renovations: Cass Scenic Railroad- Clubhouse Renovation; Cass, WV Berkeley Springs Bathhouse; Berkeley Springs, WV Hawks Nest State Park Picnic Pavillion; 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 Apartments 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; Parkersburg, WV

#### ALPHA ASSOCIATES, INCORPORATED



EMPLOYMENT HISTORY 2016-Current | Alpha Associates, Inc.

2014-2016 | MSES Architects

2011-2014 | Blackwood Associates

2007-2009 | Vandalia Heritage Foundation

#### EDUCATION

Boston Architectural College Master of Architecture

Fairmont State University Bachelor- Architecture 2009

## <u>CASEY SMITH</u>

### AIA ASSOC.; ARCHITECTURAL DESIGNER

304-296-8216 | 800-640-8216

🖂 casey.smith@thinkalphafirst.com

#### SUMMARY

Mr. Smith has been employed with Alpha Associates, Inc since 2016. He has worked on several architectural projects including multi-million dollar projects and public sector clients. Mr. Smith came to Alpha with an impressive background in educational, commercial, and local government facilities. He has offered assistance in project management, using his background to further improve the quality of each project he is involved with. Mr. Smith has been an incredible asset to Alpha Associates and proves to be an asset in each of his projects.

#### **PRO**FILE

Broad-based responsibilities in the following areas: Architectural/Structural Construction Drawings Construction Administration Project Management Assistance

#### **PROFESSIONAL HIGHLIGHTS**

Construction Administration Projects: Cacapon State Park Lodge Renovation Los Mariachis New Restuarant; Morgantown, WV Freedom Ford Automotive Dealerships; Granville, WV Elkins Fordland; Elkins, WV Federal Group GSA VA Tenant Improvement Project Point Marion ADA Deck; Point Marion, PA Los Mariachis Renovation; Morgantown, WV WVU Hazel Ruby McQuain Education & Resource Center; Reedsville, WV Martinsburg Queen St. Underpass; Martinsburg, WV



EMPLOYMENT HISTORY 1992-Current | Alpha Associates, Inc.

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

## CHARLES B. BRANCH

### PE; SENIOR PRINCIPAL & CIVIL ENGINEER

304-296-8216 | 800-640-8216

C chuck.branch@thinkalphafirst.com

#### 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 Health Sciences Center Eastern Division: Martinsburg, WV WVDOH Martinsburg Train Station Corridor Streetscape; Martinsburg, WV WVDOH I-77 Welcome Center; Williamstown, WV WV Medal of Honor Recipients Plaza; Hazleton, WV Lewis County High School Bridge; Weston, WV Wyoming County Route 10 Relocation; Wyoming County, WV Fairmont Federal Credit Union; Bridgeport, WV Queen St Underpass; Martinsburg, WV Martinsburg Little League Fields: Martinsburg, WV



2004-Current | Alpha Associates, Inc. 1979-2004 | Triad Engineering, Inc.

#### 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 Certified FAA Part 107 Remote Pilot

#### **AFFILIATIONS**

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

## BRADLEY CASDORPH

### PE,PS; CIVIL ENGINEER

304-296-8216 | 800-640-8216

▶ brad.casdorph@thinkalphafirst.com

#### SUMMARY

Mr. Casdorph joined the Alpha Associates, Inc. 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, including the use of Aerial Drone Technology

#### PROFESSIONAL HIGHLIGHTS

Civil Engineering: WVDOH Arnettsville Bridge Replacement; Monongalia County, WV WV DOH Open Engineering Open End Contract; WV WVDOH Deckers Creek Pedestrian Bridge; Morgantown, WV Freedom Automotive Three Dealerships; Morgantown, WV Freedom Kia Clarksburg; Clarksburg, WV Morgantown Municipal Airport Access Road; Morgantown, WV Mon General Hospital Access Road; Morgantown, WV WVU - Lot 81 Parking Area Improvements: Morgantown, WV McKee Crossing - 120 Acre Subdivision; Martinsburg, WV WVU Reedsville Farm Redevelopment; Reedsville, WV Mon General Hospital - East Parking Area; Morgantown, WV Jane Lew Truck Stop; Jane Lew, WV Point Marion Borough; Point Marion, PA Clarksburg State Office Building; Clarksburg, WV WVU College of Physical Activity & Sports Sciences; Morgantown, WV VA Parking Lot SWM; Shepherdstown, WV Arcland RV Parking Lot SWM; Charles Town. WV

#### Surveying:

WVDOH Arnettsville Bridge Replacement; Monongalia County, WV Morgantown Municipal Airport Access Road; Morgantown, WV Mon General Hospital Access Road; Morgantown, WV Freedom Automotive Three Dealerships; Morgantown, WV Freedom Kia Clarksburg; Clarksburg, WV



1996-Current | Alpha Associates, Inc. 1995-1996 | Larry D. Luttrell, PE, PhD 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 Line Load Behavior/Failures Concentrated Load Behavior/Failures Web Crippling Punch Failures

## CHARLES B. LUTTRELL

### PE; SR. PRINCIPAL & STRUCTURAL ENGINEER

304-296-8216 | 800-640-8216

C charlie.luttrell@thinkalphafirst.com

#### SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold formed steel decks has been made a permanent part of the Steel Deck Institute's design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with 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.

#### **PRO**FILE

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

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, Clarksburg, 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 Shepherd University Pedestrian Underpass; Shepherdstown, WV Washington High School; Charles Town, WV WVU Coliseum Structural Inspection, Morgantown, WV Alderson Broaddus College, Rex Pyles Arena Deck; Phillipi, WV Monongalia County Sheriff's Building; Morgantown, WV South High Street Bridge; Morgantown, WV Ices Ferry Bridge; Morgantown, WV Matthews Foundry Structural Evaluation: Martinsburg, WV Martinsburg Little League Fields; Martinsburg, WV Martinsburg WWTP; Martinsburg, WV Queen St. Underpass; Martinsburg, WV Winchester & Western RR Rt. 11 Bridge; Martinsburg, WV



2016-Current | Alpha Associates, Inc. 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 Evaluator

#### **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 Guimaraes, 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.

## MATTHEW T. ECHARD

### PE; PRINCIPAL & STRUCTURAL ENGINEER

304-296-8216 | 800-640-8216

matthew.echard@thinkalphafirst.com

#### 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 in the United States, Europe, and the Middle-East, Mr. Echard returned to West Virginia to provide world-class service in a historically unde-served 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.

#### PR**O**FILE

Broad-based responsibilities in the following areas:

Structural Engineering Structural Forensics Project Management

#### PROFESSIONAL HIGHLIGHTS

Project Manager & Structural Engineer:

Westover Goodwill Structural Design; Morgantown, WV

Weyerhaeuser Roof Evaluation; Heaters, WV

Los Mariachis UTC; Morgantown, WV

WVU Creative Arts Center Performance Access; Morgantown, WV

WVU Mountain Lair Grid Iron Assessment; Morgantown, WV

Martinsburg Queen Street Underpass; Martinsburg, WV

Charles Town Water Plant Clearwell Emergency Repair; Charles Town, WV

## LEWIS COUNTY CLINIC Weston, WV; 2015



#### At a Glance:

CLIENT: Camden Family Health LOCATION: Weston, WV COMPLETION DATE: 2015 SIZE: 1,350 Square Feet CONSTRUCTION COST: \$390,320.00

#### Project Contact:

Meg Hickey Camden Family Health 10003 Webster Road Camden-On-Gauley, WV 26208 Alpha Associates, Incorporated provided architectural design, civil and structural engineering and surveying services for a new Health Clinic in Weston, WV.

The clinic services a rural population specializing in adolescent issues, leasing space from Lewis County High School.

The building is designed as a 1,350 square foot; one story building that will have several exam rooms and offices. The facility opened in August 2015.



## WVU CHILDREN'S HOSPITAL RONALD MCDONALD HOUSE FAMILY ROOM

Morgantown, WV; 2013



#### At a Glance:

CLIENT: Ronald McDonald House Charities LOCATION: Morgantown, WV COMPLETION DATE: 2013 SIZE: 1,400 Square Feet CONSTRUCTION COST: Private

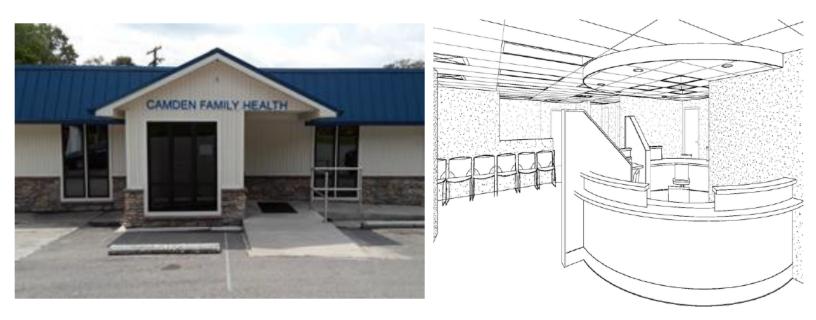
#### Project Contact:

Steve De Jesus Ronald McDonald House Charities 841 Country Club Drive Morgantown, WV 26505 Alpha Associates, Incorporated provided architectural design and construction administration services for the construction of a Ronald McDonald House Family Room at WVU Children's Hospital. The client previously occupied a suite of waiting rooms that were dark, uninviting, and not suited for handling larger groups. The goal was to open up the space to provide a welcoming, relaxing environment for families dealing with the illness of babies and small children. A dining area, kitchen, mother's room, restroom, waiting area, and reception area were all provided.



## CAMDEN-ON-GAULEY MEDICAL CENTER

Camden-On-Gauley, WV; 2015



#### At a Glance:

CLIENT: Camden Family Health LOCATION: Camden-On-Gauley, WV COMPLETION DATE: 2015 SIZE: 1,350 SQ.FT. CONSTRUCTION COST: N/A

#### Project Contact:

Meg Hickey Camden Family Health 10003 Webster Road Camden-On-Gauley, WV 26208 Alpha Associates, Incorporated provided architectural design services for renovation of an existing rural medical clinic. Emphasis was placed on ease of patient access while providing privacy for interaction of patients with medical clinic personnel at the point of entry. Other amenities included ADA compliant public toilet rooms, lobby renovation, new entrance and staff offices.

A circular reception desk was created that provided maximum efficiency for personnel and defined areas for appointment and payment consultation. Specific challenge of keeping the clinic operational during construction renovation involved phasing of the project.



## PHYSICIAN'S OFFICE CENTER – UNIVERSITY HEALTHY ASSOCIATES

Morgantown, WV



#### At a Glance:

CLIENT: University Health Associates LOCATION: Morgantown, WV COMPLETION DATE: Multiple Phases SIZE: Multiple Projects CONSTRUCTION COST: Multiple Projects

#### Project Contact:

Paul Chico P.O. Box 782 Morgantown, WV 26506 304-598-6834



Alpha provided architectural services to renovate portions of the first, second and third floors of the Physician's Office Center.

The eye clinic and dentistry clinic located on the first floor were completely renovated to accommodate the relocation of the Ear Nose and Throat Clinic from the second floor and to construct a new MRI Center. The project was phased so that all departments were minimally affected and still be able to fulfill patient needs.

The second floor was renovated to enlarge the existing Departments of Pediatrics and Orthopedics clinic spaces, as well as add an additional X-Ray room for the Radiology Department.

The third floor renovation included enlarging spaces, addition of casework, and selective demolition and remodeling for the Department of Medicine Clinics.

## EAST WHEELING SPORTS COMPLEX

### Wheeling, WV; 2014



#### At a Glance:

CLIENT: City of Wheeling, WV LOCATION: Wheeling, WV COMPLETION DATE: 2014 SIZE: Various Spaces CONSTRUCTION COST: \$2.1 Million

#### Project Contact:

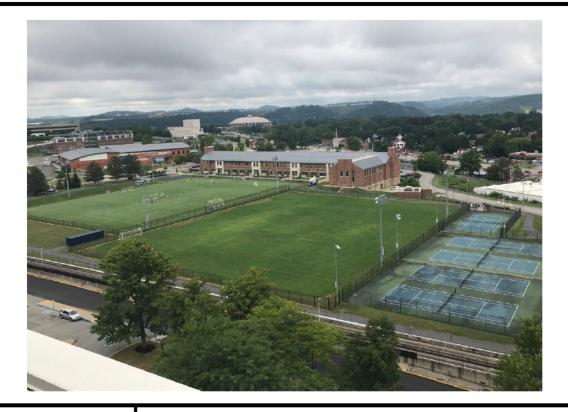
Conrad Slanina City Engineer-City of Wheeling 1500 Chapline Street Wheeling, WV 26003 304-234-3830 Alpha Associates, Incorporated completed designs for a recreation complex for the City of Wheeling. The project was completed on a one square block area in East Wheeling where the City had recently razed dilapidated structures. The project included an artificial turf field with markings for football, soccer, lacrosse and softball activities. The sloping site required heavy grading operations and a large segmental retaining wall to create the level surface for the field.

Field lighting, a prefabricated concrete restroom facility, basketball court and playground were also made a part of the project. Together, the amenities provide a recreational oasis for the residents of East Wheeling.



## WEST VIRGINIA UNIVERSITY EVANSDALE FIELDS

Morgantown, WV; 2011



#### At a Glance:

CLIENT: West Virginia University LOCATION: Morgantown, WV COMPLETION DATE: 2011 SIZE: Various Spaces CONSTRUCTION COST: \$3.1 Million

#### Project Contact:

Scott Owen PO Box 6572 Morgantown, WV 26506 304-293-7478



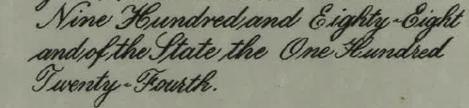
Alpha Associates, Incorporated completed the designs for student recreation facilities on the Evansdale Campus. The project included three separate sites on the on the Evansdale Campus including the former St. Francis Fields site, the Health Sciences Intramural Fields site and the Tennis Courts at the Towers Dormitory.

St. Francis Fields site improvements include the construction of one artificial turf soccer/flag football field and one natural turf soccer/flag football field, as well as a walking/jogging trail and five tennis courts for use by student recreation, intramural and club sports.

Improvements at the Health Sciences Center site include redevelopment and improvement of the existing intramural fields. The design also includes renovation of the existing Towers tennis courts.

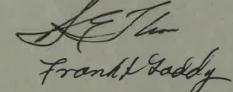
CERTIFICATE OF uthorizatio STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS The West Virginia State Board of Registration for Professional Engineers having verified the person in responsible charge is registered in West Virginia as a professional engineer for the noted firm, hereby certifies ALPHA 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, 2020 - December 31, 2021 providing for the practice of engineering services in the State of West Virginia. IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE. PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION. IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OI REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA UNDER ITS SEAL AND SIGNED BY THE PRESIDENT OF SAID BOARD BOARD PRESIDENT

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS It to whom these presents shall come. Greeting Enow De That the State Reard of Begietration for Professional Chaineses, of the State of West Virginia, reposing special confidence in the Intelligence. Integrity and Discretion of Richard A. Colebank DOBS, IN PURSUANCE OF AVIHORIAY VESTED IN by law, hereby certify that he having submitted satisfactory evidence of his ability and experience, is a REGISTERED PROFESSIONAL ENGINEER Registration Anmber (To Hold) and use such title in the practice of his profession, subject to the conditions prescribed by law. Given under the hand and the Seal of the Board at the Capitol in the Charleston. Citrof inthe day of Fel. year of our Lord One Thousand



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

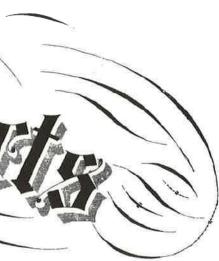
Robert Catt



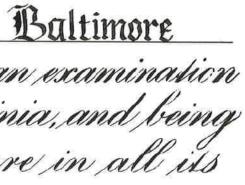
Sometary Moner Q. Jicken Kenneth H. Means R

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TRUMPING AR DITIGRA of Mest Virginia. This Certifies that Rebecca Jean Key Baltimore in the State of <u>Maryland</u>, having successfully passed an examination before the Board of Architects of the State 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 Secretary of the Board of Architects of West Virginia and the seal of said Board , this <u>26th</u> day of <u>September</u> 1994 President. Secretary.









STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

# Goall to whom these presents shall come, Greeting

Anow De That Cheshik Board of Begietration for Professional Confineers, of the State of West Virginia, reposing special confidence in the Intelligence. Integrity and Discretion of

## Charles B.Branch

Does, IN PURSUANCE OF AUTHORIATY VESTED IN HT

REGISTERED PROFESSIONAL ENGINEER

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



Le Reckly.

J. J. Jumes, Je That

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Given under the hand and the Seal

of the Board at the Capitol in the

this 18th day of February in the year of our Lord 2002 and of the State the One Hundred Thirty-Cighth

City of Charleston,

Frank & Hoday

FOR PROFES Lo all to whom these presents shall come Greeting "Knut Up 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 **RSUANCE OF AUTHORITY** by law hereby certify that he having submitted satisfactory evidence of his ability and experience is a GISTERED 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 29th day of December in the year of our Lord 2005 and of the State the One Hundred Forty-Second Members of the Board Genard Timms J. Richar Ellips

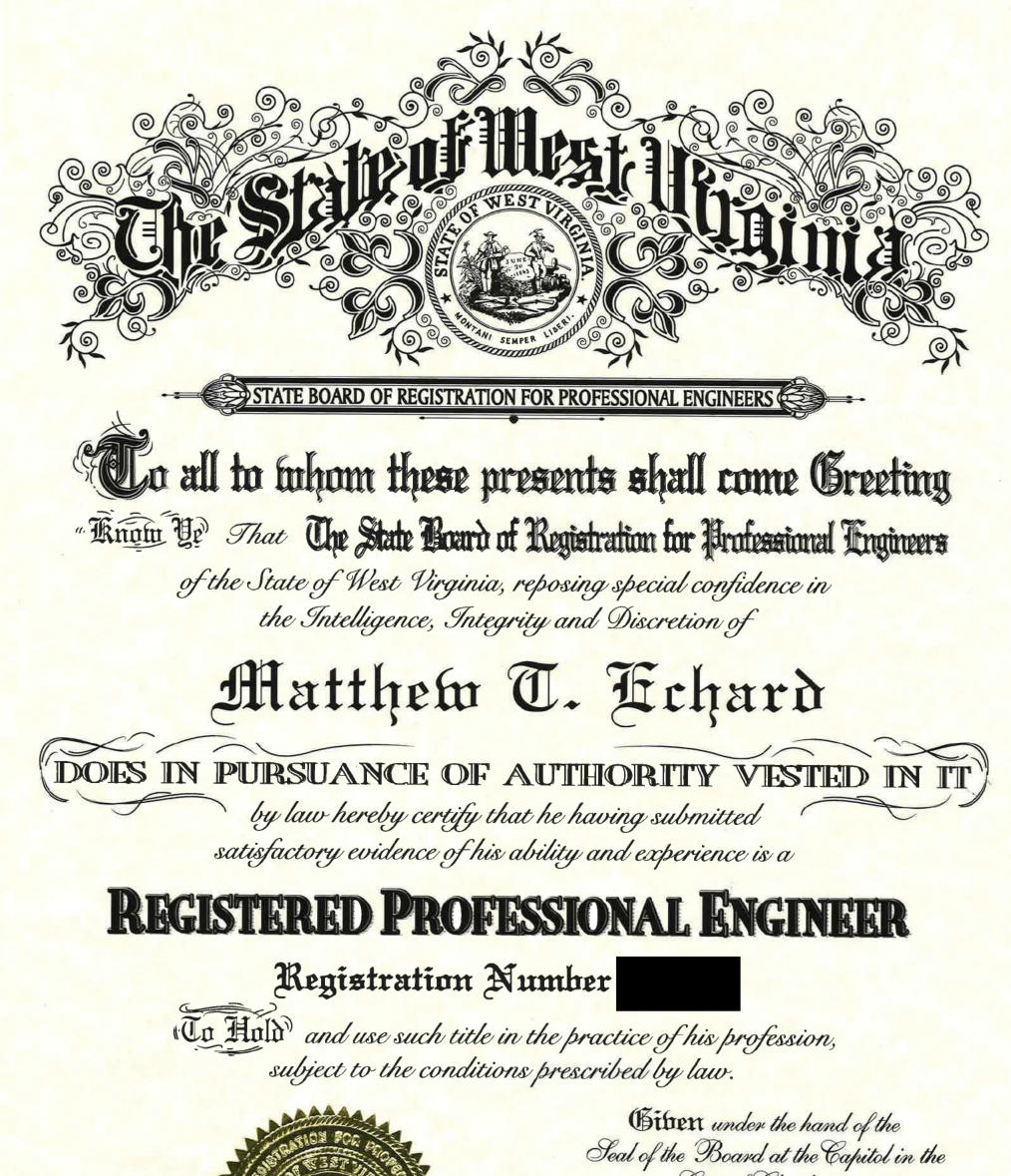
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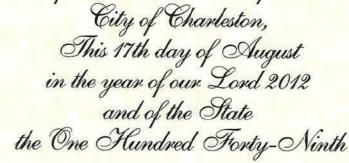


STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS Ito whom these presents shall come, Greeting Anow De That Che Shile Board of Registration for Professional Chaincers, of the State of West Virginia, reposing special confidence in the Intelligence. Integrity and Discretion of Charles B. Luttrell DOBS, IN PURSUANCE OF AVAILORIAN VESTED by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a REGISTERED PROFESSIONAL ENGINEER Registration Anmber (To Hold) and use such title in the practice of his profession, subject to the conditions prescribed by law. Given under the hand and the Seal of the Board at the Capitol in the City of Charleston! 28th dayof July in the this year of our Lord One Thousand Vine Hundred and Ninety-nine and of the State the One Hundred. Thirty-sixth. STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS Frankt Hiddy Gol Deckley

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### Members of the Board

Genard Timmens J. Richar Ellips

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# HEAR FROM OUR CLIENTS.

### **J. Paul Walden** West Virginia University

**Robert Hammel** 

**Former Director** 

Alpha Associates have a proven record of customer satisfaction and sucessful client delivery with our organization. We would be confident in our recommendation in support of Alpha.

**Morgantown Municipal Airport** 

Every aspect and detail of [Alpha's] planning,

exceptional and outstanding in every regard.

coordination, and completed projects have been

### References

#### Brad Leslie WV Parks and Recreation Division of Natural Resources 324 4th Avenue

South Charleston, WV 25303 304-558-2764

#### **Bill Clark, Executive Director**

Region 9 Planning & Development Council 400 West Stephen St Suite 301 Martinsburg, WV 25401 (304)-263-1743

#### **David Hildreth**

**State of West Virginia** 1409 Greenbrier Street

Charleston, WV 25305

#### Dirar Ahmad West Virginia Division of

**Highways** Building 5 1900 Kanawha Blvd., East Charleston, WV 25305-0430

Charleston, WV 2530 304-558-2830

#### Damien Davis, City Engineer City of Morgantown

389 Spruce Street Morgantown, WV 26505 304-284-7412