



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 1

[List View](#)

[General Information](#) [Contact](#) [Default Values](#) [Discount](#) [Document Information](#) [Clarification Request](#)

Procurement Folder: 1603639

Procurement Type: Central Purchase Order

Vendor ID: 000000201753

Legal Name: ALPHA ASSOCIATES INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 05/19/2025

Response Time: 15:42

Responded By User ID: Mia Larkin

First Name: Mia

Last Name: Larkin

Email: Mia.Larkin@thinkalphafirst.co

Phone: 3042370289

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2500000003

Published Date: 5/2/25

Close Date: 5/20/25

Close Time: 13:30

Status: Closed

Solicitation Description: A&E - Sleepy Ck WMA New Shooting Range

Total of Header Attachments: 1

Total of All Attachments: 1



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: 1603639
Solicitation Description: A&E - Sleepy Ck WMA New Shooting Range
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2025-05-20 13:30	SR 0310 ESR05192500000007125	1

VENDOR
000000201753
ALPHA ASSOCIATES INC

Solicitation Number: CEOI 0310 DNR2500000003
Total Bid: 0
Response Date: 2025-05-19
Response Time: 15:42:31
Comments:

FOR INFORMATION CONTACT THE BUYER
Joseph (Josh) E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor
Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

Design and Contract Administration of Sleepy Creek WMA Shooting Range New Construction.



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: 1603639

Doc Description: A&E - Sleepy Ck WMA New Shooting Range

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2025-05-02	2025-05-20 13:30	CEOI 0310 DNR2500000003	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code:

Vendor Name : Alpha Associates, Incorporated

Address : 209 Prairie Avenue Morgantown WV 26501

Street : 209 Prairie Avenue

City : Morgantown

State : WV

Country : US

Zip : 26501

Principal Contact : Richard A. Colebank, PE, PS; President, COO

Vendor Contact Phone: (304) 296-8216

Extension: 102

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III

(304) 558-2306

joseph.e.hageriii@wv.gov

Vendor
Signature X

 FEIN# 55051628

DATE 5/19/2025

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

MAY 21 2025

West Virginia Division of Natural Resources

CEOI 0310 DNR25000000003 - A&E -
Sleepy Ck WMA New Shooting Range



209 Prairie Avenue
Morgantown, WV 26501

Phone/Fax 304-296-8216

Toll Free 800-640-8216

www.thinkALPHAfirst.com

About Alpha Associates, Inc.

Alpha's clients are served by a local, unique combination of professionals who provide top-notch architectural design, civil engineering and structural engineering. The Alpha design experience begins with the design staff listening, interpreting, reviewing and designing what you, the client, wants. The conclusion of the design process is not the end of Alpha's involvement in your project. Alpha's staff will stay involved until your project is constructed.

Throughout Alpha's decades of practice, our architects and engineers work closely, making history every day. With support from the Alpha Team, one can truly create a sense of place and a proper environment for the built atmosphere.

Architecture

Commercial
Public
Private
Residential

Engineering

Enhance
Conservational
Leadership

Surveying

Accurate
Clearly Communicated
State-of-the-Art





“Creating client-focused designs with quality and value that are sustainable and cost-effective”

Locations:

209 Prairie Avenue
Morgantown, WV 26501
304-296-8216

535 West King Street
Martinsburg, WV 25401
304-264-0051

Website:

thinkalphafirst.com

Employees:

21

Webster’s dictionary defines Alpha as “the first, the beginning”. In the case of Alpha, the beginning was 1969 and the location was Morgantown, West Virginia. Since 1969, Alpha has earned a reputation for producing exceptional architectural and engineering designs for high profile organizations. By 1995, Alpha’s client base had grown, demanding the need for a second location. The Eastern Panhandle of West Virginia was selected, and the planning began.

The Eastern Regional Office is located in Historic Downtown Martinsburg and is conveniently located to serve clients in West Virginia, Maryland, Virginia and Pennsylvania. We continue to raise the bar with a design studio of cross-disciplined professionals that embrace technology and innovation while treating you, the client, with respect and dignity.

As you travel through the region, you will find Alpha’s influence on the built environment, especially in West Virginia. Alpha’s local project success reflects an architectural studio which encourages creativity and flexibility. Continuing the focus of success, Alpha’s architectural and engineering teams are experts with the planning of solutions for complex issues even before facing them head-on. Alpha’s team consists of industry leaders, consistently being called upon for advice and guidance for the future. Alpha Associates, Inc. will surpass all expectations while maximizing the client’s, your, vision.

With our client-first mission, we design spaces for now and the future.

Key Personnel

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.

Organization and Management



Richard Colebank
PE, PS, PRESIDENT & COO
PRINCIPAL IN CHARGE



Charles Branch
PE, SENIOR PRINCIPAL
CIVIL ENGINEER



Matthew Echard
PE, PRINCIPAL &
STRUCTURAL ENGINEER



Charlie Luttrell
PE, SENIOR PRINCIPAL LEAD
STRUCTURAL ENGINEER



Rebecca Key
AIA, LEED AP DIRECTOR
OF ARCHITECTURE



Bradley Casdorph
PE, PS CIVIL ENGINEER

Statement of Qualifications

Alpha Associates, Incorporated is a local, West Virginia based Architectural/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. Alpha's work is diverse and includes clients in commercial, educational, and government facilities, developers and private organizations.

Since 1969, Alpha's team provided architectural/engineering design services throughout the State and surrounding areas. For over 55+ years, we have worked with numerous local, state, and federal government entities on multiple projects of varying sizes and types. No project is too big or too small for us. Our team of licensed architects and engineers have recent, relevant experience with land assessment, civil/site planning, schematic and design layout, document preparation, and construction/bid administration to complete projects seamlessly.

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 take every step necessary to successfully complete and surpass a given project. We act in the client's best interest.

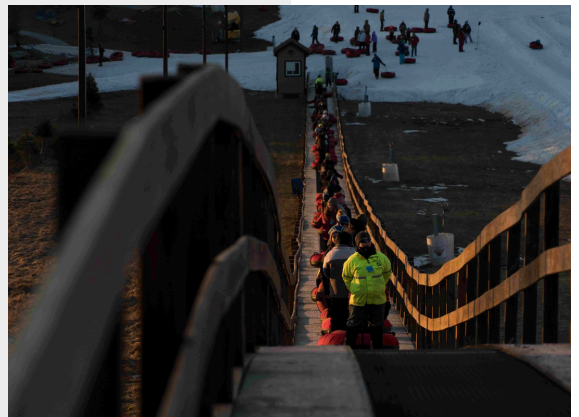
Everyone at Alpha, no matter the given role, all work towards the same goal of achieving success for not the project but the client too. Our principals are involved with all projects from the earliest stages through to the final completion and even beyond. They will consistently update you on your projects by using effective communication tools to manage the projects and all involved parties. Our skilled staff of architects, engineers, surveyors and administrative personnel at Alpha are professionals dedicated to providing superior services to the State of West Virginia and surrounding areas. While our staff is large enough to handle any size project, our firm is also capable of being small enough to give each and every one of our projects the individual attention to details it deserves. Alpha's local and unique approach to projects ensures success for all our clientele.



Funding Experience

Throughout our 55 years of business, Alpha Associates, Incorporated has worked with multiple funding agencies on projects, including State and Federal dollars. Our funding experiences includes:

- State and Federal ARRA Funds
- West Virginia Infrastructure Loan Program
- HUD Grants and Loans
- West Virginia Economic Development Grants and Loans
- Transportation Enhancement Grants
- West Virginia State Historic Preservation Office Funds
- Small Cities Block Grants
- Tax Increment Financing
- BIG Grant (Boating Infrastructure Grant)
- USDA Rural Development/Rural Utility Service - Grants and Loans
- ARC
- School Building Authority of West Virginia
- WV DEP Revolving Loan Fund
- WV Bureau of Health Clean Water Loan Fund
- Private Bond Sales



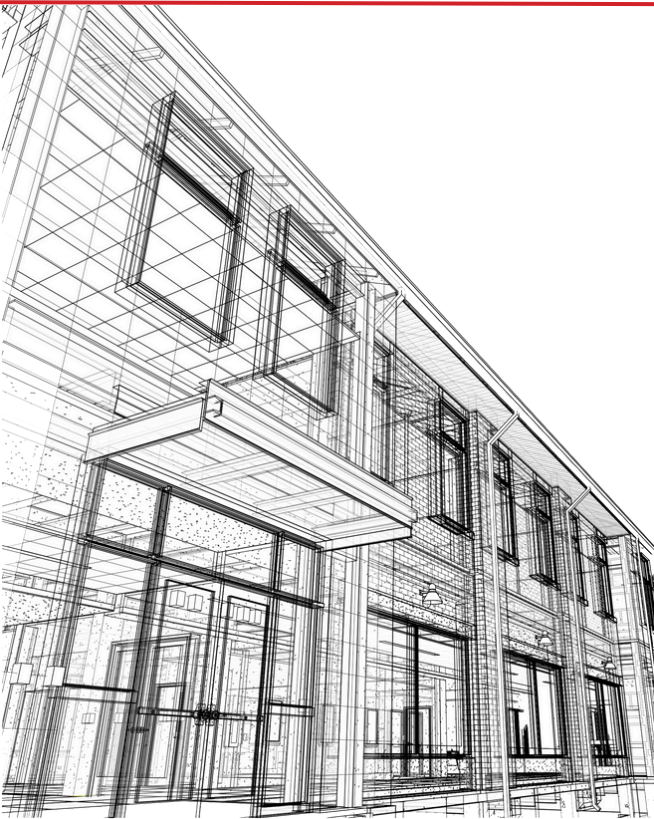
Capacity & Software

Our Capabilities

Alpha Associates, Incorporated is prepared to commit staff and resources to your 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 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 feeds 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:

- 
- Autodesk Suite
 - Autodesk Revit
 - Bentley Open Bridge Modeler & Designer
 - Enercalc
 - AutoTURN
 - TopCON GR5 GPS System
 - TopCON Total Station with Reflector-less Capabilities
 - Carlson Surveyor & Data Collector
 - AutoCAD22
 - REVIT (Editions up to 2022)
 - Civil 3D
 - RISA 3D
 - RISA Foundation
 - MathCAD Prime
 - DJI Phantom 4 RTK Drone
 - Office 365
 - Autodesk Civil 3D

LEED/Sustainability

As the intellectual landscape of the new century becomes more and more environmentally conscious, there is increasing demand to see this attitude reflected in the “built environment” with which we surround ourselves. The measure of a project’s success is increasingly dependent on its environmental, as well as economic and social innovation. A truly holistic approach to sustainable design must recognize the impacts of every design choice on natural and cultural resources. Aside from being attractive and enjoyable for humans, sustainable projects promote biological diversity, contribute to the quality of the air and water and reduce the impacts of construction and human use to help preserve the planet for future generations.

Alpha Associates, Incorporated understands the importance of sustaining the environment for future generations. Alpha works closely with the client to determine the level of environmental impact that the project will have. For example, Alpha works very hard to preserve and reuse equipment and building materials where necessary. Projects that have been designed include reuse of elements from stained glass windows to commercial cafeteria equipment.

Our Design Team will make sure your facility is designed with cost effective, energy conserving features. Where appropriate, we provide the ability to obtain any level of LEED Certification that you may desire, or we can simply utilize the principals of sustainable design to benefit your project.

The firm currently has three professional staff members who are LEED Accredited Professionals. We have two projects that are LEED registered; The FBOP Hazelton Facility and the new State Office Building in Clarksburg, WV.



Alpha's Scheduling Expertise

Project Track Record

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; however, the determining factor is the tools a firm utilizes to achieve the budgets, in regards to funds at that time. Alpha utilizes a number of both traditional & modern tools 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

Successful Project Management/Schedule

Successful project management depends on consensus regarding work efforts, milestones and goals. Our team has found the development of detailed work plans, which delineate tasks and deliverables for each project phase, in consort with the client and full project team, is the most effective approach with establishing expectations of 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 the Owner and user reviews, comments and/or approvals.

Developing an overall project schedule is a critical task that must take account of many factors: building type, owner's desired occupancy, scope of work & level of documentation, whether contract(s) is bid or negotiable, available fee, and experiences on similar projects. Once the design process begins, a comprehensive, realistic project schedule can be developed and communicated to all involved.

In a world where "time is money", the schedule of a project is as important as controlling the cost. Alpha works diligently to control the budget of a project and avoid the "scope creep" which can occur.

Alpha's Unique In-House Features

Alpha's in-house cost estimators combined with our excellent relationships with contractors throughout the State provides 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 which can be carried through each of the project phases. At each phase, the estimate is updated to include a more detailed evaluation for enhanced accuracy. When updating estimates, specific increases or decreases can be identified allowing the owner to make informed decisions on important budget issues for the project.

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



Meet the Alpha Team

Management

Richard A. Colebank
PE, PS
President & COO

Richard W. Klein
PE, PS
Chairman

Civil Engineering

Charles Branch
PE, Senior Principal
Senior Civil Engineer

Bradley Casdorff
PE, PS
Civil Engineer

Tom Simpson
PE, Civil Engineer

David Costello Jr.
PS, Manager of Surveying

Julie Frazee
Engineering Technician

Kevin McClung
Engineering Technician

Barbara Kerns
Survey Crew Representative

Nick Perry
Survey Crew

Architecture

Rebecca Key
AIA-LEED-AP
Director of Architecture

Todd Lewis
AIA Associate
Architectural Technician

Alex Hail
Construction Administration

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

Mia Larkin
Marketing Coordinator

Kim Coomler
Administrative Assistant



Richard A. Colebank, PE, PS

P R E S I D E N T A N D C O O

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 Master of
Business Administration; **1999**

Bachelor - Civil Engineering; **1982**

QUALIFICATIONS

License(s): Professional Engineer: West
Virginia, Maryland, Pennsylvania, and
Virginia Professional Surveyor: West
Virginia Certified Private Pilot FAA 107
Drone Pilot Certification

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 managing projects.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Project Manager

- Morgantown Municipal Airport Access Rd; Morgantown, WV
- Mon General Access Rd; Morgantown, WV
- WVU Reedsville Farm Redevelopment; Reedsville, WV
- Monongalia General Hospital Access Road; Morgantown, WV
- 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

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 & Environmental Engineering Visiting Committee
- WVU College of Business & Economics MBA Advisory Committee
- WVU 2023 Academy of Civil Engineers



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye 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

Richard A. Colebank

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 10346

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, this 23rd day of Feb. in the year of our Lord One Thousand Nine Hundred and Eighty-Eight and of the State the One Hundred Twenty-Fourth.

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Frank L. Gaddy

By
Secretary: Kenneth H. Means
President: Robert B. Scott



Charles Luttrell, PE

SENIOR PRINCIPAL &
STRUCTURAL ENGINEER

EMPLOYMENT HISTORY

1996-Current Alpha Associates, Inc.

1995-1996 Larry D. Luttrell, PE, PhD

1991-1994 West Virginia University

1990-1991 WVU Constructed Facilities
Center

EDUCATION

MA Structural Engineering **1995**

BA Civil Engineering **1993**

QUALIFICATIONS

License: Professional Engineer: West
Virginia, Pennsylvania

RESEARCH EXPERIENCE

Cold Formed Steel Deck Research: Fastener
Failures Edge Conditions/Failures Buttoned
Overlap Shear Failures

Composite Cold Formed Steel & Concrete Deck
Line Load Behavior/Failures Concentrated Load
Behavior/Failures Web Crippling Punch Failures

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.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Project Manager

- 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

AFFILIATIONS

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

27 Bon Fair Street



Rebecca Key, AIA, LEED AP

DIRECTOR OF
ARCHITECTURE

EMPLOYMENT HISTORY

2000-Current

Alpha Associates, Inc.

1983-1999

Alexander Key & Associates

1978-1983

Webster Clothes; Director of Store Planning

EDUCATION

BA Architecture | 1977

Coursework in Furniture Design 1986-87

AFFILIATIONS

- American Institute of Architects
- West Virginia Society of Architects
- Fairmont, WV ICC Board of Appeal; Board Member
- US Green Building Council
- AIA Liveable Communities
- Leadership Kanawha Valley Class of 2014

QUALIFICATIONS

- **License:** Professional Architect: Maryland, New York, Virginia, Washington DC, and West Virginia
- NCIDQ Certified (Interior Design) Leadership in Energy and Environmental Design Accredited Professional
- Meet Standards of Secretary of the Interior for Historic Architecture

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.

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Education:

- North Elementary School Connector; Morgantown, WV
- Mountaineer Middle School; Morgantown, WV
- Pineville Elementary School; Pineville, WV
- Washington High School; Charles Town, WV

Historic Renovations:

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

Recreation:

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

Dormitory & 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
- Norwood Fire Station; Morgantown, WV
- WV State Office Building 25; Parkersburg, WV

The Board of Architects



of West Virginia.

No. 2693

This Certifies that Rebecca Jean Key of Baltimore
in the State of Maryland, 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 26th
day of September 1994

Will E. Johnson President.
E. Keith Pearson Secretary.



Bradley Casdorph, PE, PS

CIVIL ENGINEER

EMPLOYMENT HISTORY

2004-Current

Alpha Associates, Inc.

1979-2004 Triad

Engineering, Inc.

EDUCATION

MA Soil Conditions & Foundation Design

1982

BA Civil Engineering 1979

AFFILIATIONS

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

QUALIFICATIONS

- License: Professional Engineer: West Virginia
- Professional Surveyor: West Virginia
- Certified Private Pilot
- Certified FAA Part 107 Remote Pilot

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 & Design
- Highway Design
- Hydraulic & Hydrology Studies
- Site Plan Development
- Land Surveying, including 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



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come Greeting

"Know Ye" 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 16618

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



Given 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

Leonard D. Timms, Jr.

Richard E. Dlynas

Bhupen S. Shukla

William E. Viersen



Charles Branch, PE

SR. PRINCIPAL & CIVIL ENGINEER

EMPLOYMENT HISTORY

1992-Current

Alpha Associates, Inc.

1988-1992

Reimer, Muegge & Assoc., Inc.

EDUCATION

West Virginia University

Bachelors - Civil Engineering

2000

Fairmont State College

Bachelors -Architectural Engineering

1988

AFFILIATIONS

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

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

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
- WVDOT Martinsburg Train Station Corridor Streetscape; Martinsburg, WV
- WVDOT 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

QUALIFICATIONS

License(s): Professional Engineer: West Virginia



STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting.

Know Ye 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

Charles B. Branch

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 15056

(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,
this 13th day of February in the year of our Lord 2002
and of the State the One Hundred Thirty-Eighth

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Ed. Rickhoff

By

Frank D. Goddy

L. J. Burns, Jr.

Lucretia

[Signature]

Alpha Experience

Ongoing & Completed Projects with the WVDNR

Hawks Nest State Park & Pipestem State Park – New Aerial Tramways

Ansted, WV | Pipestem, WV

Alpha Associates, Incorporated is currently engaged with the WVDNR as engineer of record to provide a more both Hawks Nest State Park and Pipestem Resort with a more accommodating aerial tramway system for guests. Alpha is providing full services with plans to tie the new development into the existing lodge buildings and create ADA compliant access to the new terminals.

Alpha's designs of the new aerial tramways feature significant improvements over the original, including larger six-person gondolas and a freight car to transport larger objects such as kayaks and bicycles.

Project Contact:

Brad Leslie, Project Engineer

WVDNR

brad.s.leslie@wv.gov

304.389.7663



Coopers Rock State Forest – Pedestrian Overlook Bridge Renovations Morgantown, WV

The WVDNR engaged Alpha to perform a structural assessment of the overlook pedestrian bridge at Cooper Rock State Forest. Over several years, Alpha has consulted with WVDNR/PEM to develop a design befitting to the iconic state park while making immediate repairs to keep visitors safe.

Project Contact:

Brad Leslie, Project Engineer
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304.389.7663



Canaan Valley Resort Buildings 1, 4 & 5 – Demolition Project

Davis, WV

Alpha Associates, Incorporated provided demolition plans for the existing buildings 1, 4 and 5 at Canaan Valley Resort. The reclamation plans included creating two (2) levels of grassed, accessible, open spaces that can be used for outdoor activities.



Project Contact:

Guy Nisbet, Assistant Dir. of Business & Technical Services
National Association of State Procurement Officials (NASPO)
guy.l.nisbet@wv.gov
304.558.2596

Coopers Rock State Forest – Portable Water Supply & Distribution System **Morgantown, WV**

Alpha designed a new portable water supply and distribution system for Coopers Rock State Forest. The current well, storage tank, and pump systems were deficient and in need of replacement. The upgraded system serves as the Forest Superintendent's residence, the Assistant Superintendent's residence, as well as the Forest Office Building.



Project Contact:

Brad Leslie, Project Engineer
WVDNR
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Watters Smith Memorial State Park

Jane Lew, WV

Alpha Associates, Incorporated prepared demolition plans for the existing pool at Watters Smith Memorial State Park. As part of the reclamation, Alpha completed the architectural and site design for a large pavilion that the park will rent to the public for use of gatherings such as wedding receptions, family reunions, and company picnics.



Alpha also developed a structural engineering plan to straighten and stabilize the historic Farm Barn located within the Historical Restoration and Interpretive Area of the park.

Project Contact:

Carolyn Mansberger, Retired Project Manager
WVDNR
Lost Creek, WV
304.745.3081

Cacapon State Park – Old Lodge Renovation

Berkeley Springs, WV

Alpha Associates, Incorporated was tasked by the WVDNR and Cacapon State Park to rehabilitate the Old Inn (also known as the Old Lodge). The project upgraded the HVAC and allowed for the removal of temporary window AC units from the rooms. The windows, sashes, and shutters were restored using stored parts or in-kind parts. HVAC furnaces were installed in the partial basement and outdoor condensers were installed on the west-end of the building with refrigerant linesets groups and run up the exterior face of the building to the attic. Two (2) fireplaces were converted from wood to gas fire units and one wood burning fireplace was upgraded with an electronic draft controller.



Interior wall work included removal of ca. 1970 panels and painted panels to reveal the original rustic log appearance. The modifications applied to the bathroom layouts in the three (3) bedrooms include the removal of existing hall entrances and the relocation and/or construction of new walls and doors. Lighting fixtures were replaced to be a more period appropriated fixture, and, to the south of the building, Alpha provided an installation of a buried propane tanks and associated pipework.

The Old Inn at Cacapon State Park is eligible for the National Register of Historic Places by the West Virginia Division of Culture and History and it was determined that the renovations made did adversely affect the historic characteristics of the building.

Project Contact:

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Bald Knob Overlook Evaluation

Cass, WV

At the request of Matt Yeager, Deputy Chief of Planning, Engineering and Construction for WV State Parks, and Marshall Markely, Superintendent of Cass Scenic Railroad State Park, Alpha visited the Bald Knob Observation Deck in 2023. The purpose of the site visit was to perform the site work for a limited structural evaluation of the deck.



It was determined that the observation deck at Bald Knob has exceeded its structural life span and is now seriously dangerous to continue to use. There were no repair options and/or short-term solutions given; however, Alpha provided some good options for a new observation area at this location. The front of the hill could be terraced with low retaining walls and hardscape. This solution would be economical and very durable. A new observation deck could be built. If it was set back a little from the current one it could be built at the same deck elevation without having such tall columns. If it was set in the same location but built slightly lower than the current deck, the approach section could be launched from grade and provide handicapped accessible access

Project Contact:

Brad Leslie, Project Engineer

WVDNR

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304.389.7663



Canaan Valley Resort Tubing Conveyor

Davis, WV

The Canaan Valley Tube Park is situated on the eastern side of State Route 32 and north of Slope Road within the southeastern portion of Canaan Valley State Park. Planned improvements to the park included excavation of on-site material at the crest of the run and placement of fill to create a berm on the northeastern side of the tube run, resulting in a more well-defined run area.



Project Contact:

Sam England, General Manager
Canaan Valley Resort
englands@canaanrestort.com
304.866.4121

Tygart Lake State Park – Boat Ramp(s) Renovations

Grafton, WV

The project at Tygart Lake was designed to greatly improve the existing boating facilities. The two existing ramps were widened and lengthened to better access the lake and extend the boating season. Parking lot circulation was expanded to allow better access and the small existing gravel lot was enlarged to accommodate 110 parked vehicles and trailers.



Overall, the project has greatly improved the recreational opportunities for the public and provided an efficient, effective boating facility.

Project Contact:

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**For inquiries,
contact us.**



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