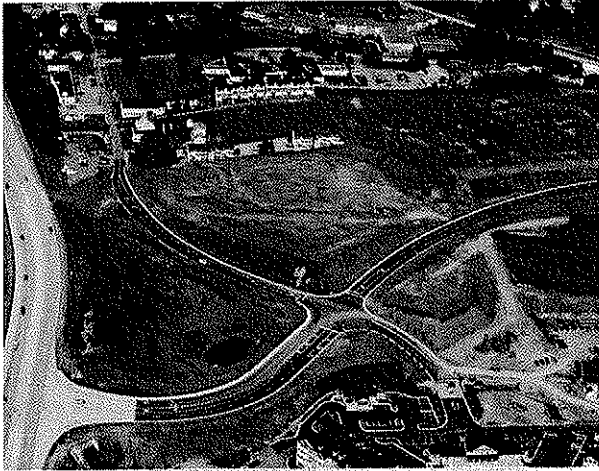
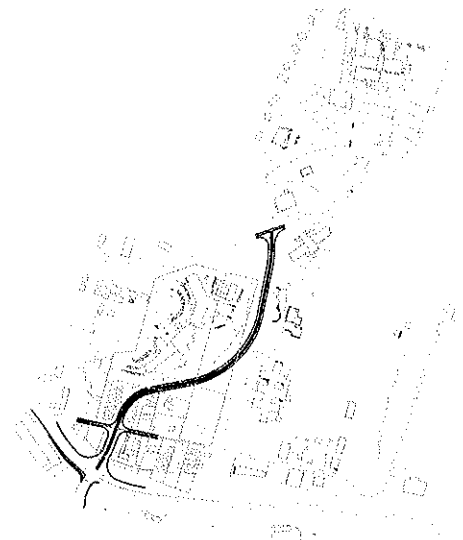
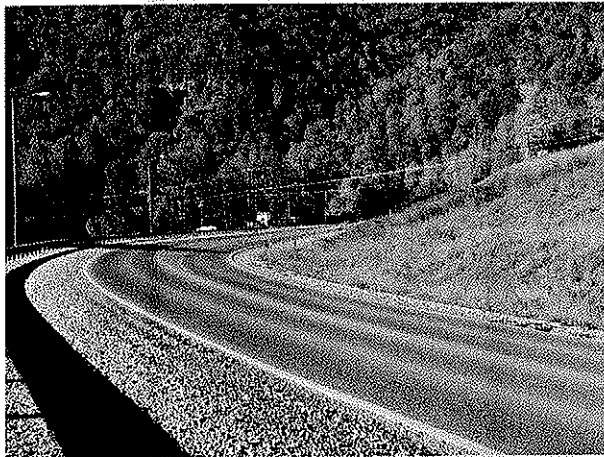
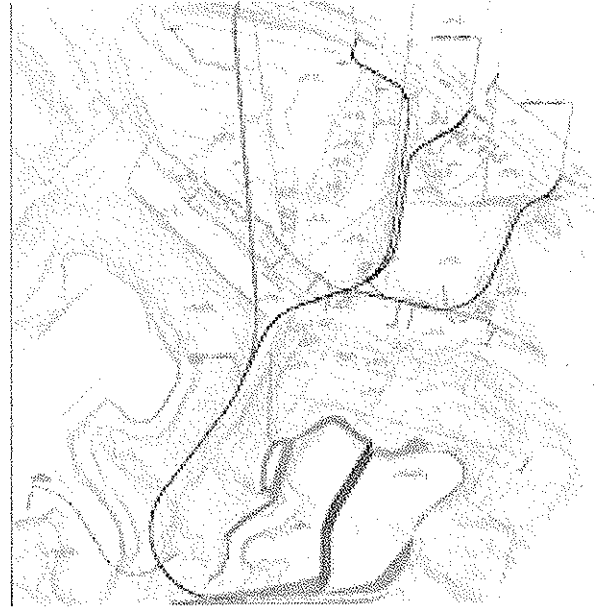


West Virginia Purchasing Division
Division of Engineering & Facilities
Access Road, Utility Upgrades & Rough Site Grading
January 25, 2011



EXPRESSION OF INTEREST



RECEIVED

2011 JAN 24 P 12: 15

PURCHASING DIVISION
STATE OF WV



ARCHITECTS • ENGINEERS • SURVEYORS



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

Request for Quotation

RFQ NUMBER
 DEFK11024

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 TARA LYLE
 304-558-2544

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.
 209 Prairie Avenue
 Morgantown, WV 26501

SHIP TO

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/14/2010				

BID OPENING DATE: 01/25/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL EXPRESSION OF INTEREST (EOI) THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, DIVISION OF ENGINEERING & FACILITIES, WV ARMY NATIONAL GUARD, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES FOR AN ACCESS ROAD, UTILITY UPGRADES AND ROUGH SITE GRADING TO THE CHARLESTON ARMORY COMPLEX, PER THE FOLLOWING BID REQUIREMENTS AND THE ATTACHED SPECIFICATIONS. BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER. CANCELLATION THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN. TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO TARA LYLE VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115 OR VIA EMAIL AT TARA.L.LYLE@WV.GOV.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304-296-8216	DATE 01-21-11
TITLE President & COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
5. Payment may only be made after the delivery and acceptance of goods or services.
6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).



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

**Request for
 Quotation**

RFQ NUMBER
 DEFK11024

PAGE
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF
 TARA LYLE
 304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.
 209 Prairie Avenue
 Morgantown, WV 26501

SHIP TO

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
12/14/2010				

BID OPENING DATE: 01/25/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UCP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 01/06/2011 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: -----TL/32-----</p> <p>RFQ. NO.: -----DEFK11024-----</p> <p>BID OPENING DATE: -----01/25/2011-----</p> <p>BID OPENING TIME: -----1:30 PM-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE 1-21-11
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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

Request for Quotation

RFQ NUMBER
 DEFK11024

PAGE
 3

ADDRESS CORRESPONDENCE TO ATTENTION OF
 TARA LYLE
 304-558-2544

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.
 209 Prairie Avenue
 Morgantown, WV 26501

SUPPLIER

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
12/14/2010				

BID OPENING DATE: 01/25/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-296-8216 ----- CONTACT PERSON (PLEASE PRINT CLEARLY): Richard A. Colebank, PE, PS ----- ***** THIS IS THE END OF RFQ DEFK11024 ***** TOTAL: _____						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Richard A. Colebank</i>	TELEPHONE 304-296-8216	DATE 1-21-11
TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

RFQ No. DEFK11024

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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 delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

Under penalty of law for false swearing (*West Virginia Code* §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Alpha Associates, Incorporated

Authorized Signature: [Signature] Date: 1-21-11

State of West Virginia

County of Monongalia, to-wit:

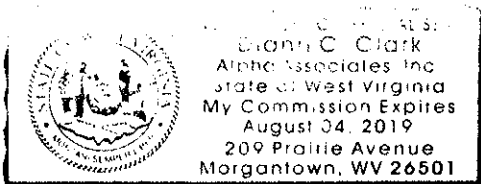
Taken, subscribed, and sworn to before me this 21st day of January, 2011.

My Commission expires Aug 4, 2019, 20 .

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]





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

Request for Quotation

RFQ NUMBER
DEFK11024

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
TARA LYLE 304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.
 209 Prairie Avenue
 Morgantown, WV 26501

VENDOR

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION

1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

SHIP TO

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/11/2011				

BID OPENING DATE: 01/25/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ARE ATTACHED.						
2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
EXHIBIT 10						
REQUISITION NO.: DEFK11024						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
X						
NO. 1						
NO. 2						
NO. 3						
NO. 4						
NO. 5						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE 304-296-8216	DATE 1-21-11
-----------	------------------------	--------------

TITLE President and COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE
-------------------------	-----------------	-----------------------------------

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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

Request for Quotation

RFQ NUMBER
 DEFK11024

PAGE
 2

ADDRESS CORRESPONDENCE TO ATTENTION OF
 TARA LYLE
 304-558-2544

RFQ COPY
 TYPE NAME/ADDRESS HERE

Alpha Associates, Inc.
 209 Prairie Avenue
 Morgantown, WV 26501

DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION
 1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-341-6368

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/11/2011				

BID OPENING DATE: 01/25/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>VENDOR MUST CLEARLY 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.</p> <p><i>[Signature]</i> SIGNATURE Alpha Associates, Inc. COMPANY January 21, 2011 DATE</p> <p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.</p> <p>REV. 09/21/2009</p> <p>END OF ADDENDUM NO. 2</p>						
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-296-8216	DATE 1-21-11
TITLE President & COO	FEIN 55-0516286	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



ARCHITECTS • ENGINEERS • SURVEYORS

January 25, 2011

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

ATTN: Ms. Tara Lyle

RE: DEFK11024 – Professional Engineering Design Services

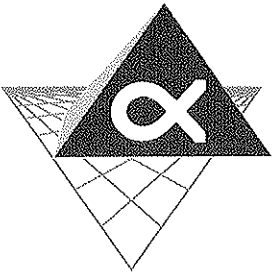
Dear Ms. Lyle,

Alpha Associates, Incorporated (Alpha) is very pleased to submit this Expression of Interest to provide engineering services for the design of an access road, utility upgrades and rough site grading to the Charleston Armory Complex. Over the past 41 years, Alpha has provided architectural/engineering services for various clients throughout our great state of West Virginia. We want to put our knowledge and experience to work for the WV Purchasing Division and the WV Army National Guard.

Alpha has designed miles and miles of highways, access road and bridges in West Virginia. We are currently working on the design and construction for two access roads in Morgantown, WV. These projects include an approximate 0.5 mile access road for Monongalia General Hospital and a 5500 feet access road for the Monongalia County Development Authority at the Morgantown Airport. You will find additional information on these projects, as well as other related projects included in the "Experience" section of this Expression of Interest.

Alpha's staff of 35 professionals and support personnel is ready to make your project a priority. You will be given a dedicated team of experts who will ensure the success of this project. All disciplines needed for this project: Civil Engineering, Structural Engineering, Surveying, Landscape Design and Construction Administration are all "in-house" functions at Alpha. Resumes for key personnel are included herein.

Working together with you as owner and operator, we will meet all of the requirements and codes set forth in a manner that is timely and cost effective. We will strive to complete your project in a way that is considerate of your resources. Alpha and our employees would like to be a part of this exciting



development for the WV Army National Guard. We look forward to sharing additional information with you in a formal interview.

Sincerely,

ALPHA ASSOCIATES, INCORPORATED

A handwritten signature in black ink, appearing to read "Richard A. Colebank".

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

Project Approach

Alpha Associates, Incorporated

I. Study and Preliminary Design

A. Traffic Study

A Traffic Impact Study will be prepared as necessary, in accordance with Chapter 6 and Appendix E of the State Highway Access Manual, dated January 2004. The most current versions of the Trip Generation Manual and Highway Capacity/Transit 7F software will be used. The Study will document the following at the existing intersection of Coonskin Drive and Commando Road and the proposed intersection of Coonskin Drive and the new Access Road.

1. Existing Conditions
2. Trip generation from the proposed future building
3. Trip assignment to and from the proposed future building and potential changes in traffic patterns due to the new road.
4. Traffic Signal warrant analysis at each intersection.
5. Proposed physical and operational improvements to the intersections to enhance levels of service.
6. Review and approval of appropriate agencies and officials.

Schedule: 30 days

B. Hydraulic and Hydrologic Analysis

Alpha will develop drainage area maps for the new Access Road, Building Site and surrounding watersheds to model the existing and proposed conditions using standard hydrologic modeling software. From the information obtained, Alpha will develop a storm water conveyance and maintenance strategy with the goal of developing an "Environmental Site Design" to reduce and attenuate peak rainfall. All storm water management design shall be in accordance with the Kanawha County regulations. Alpha will submit the storm water management plan to Kanawha County for review and approval in addition to review and approval by the Guard.

Alpha will design a storm drain conveyance system for the new Access Road and Building Site including inlet sizing and spacing, pipe selection and outfall design. Alpha will engineer a storm water management plan to provide quality and quantity control of storm water runoff from the proposed Access Road and Building Site.

Schedule: 30 days



C. Grading and Erosion/Sediment Control Plans

A grading plan will be prepared which minimizes overall disturbance, and to balance cut/fill on the site. Alpha will prepare an erosion and sediment control plan which effectively addresses temporary construction activities and permanent impacts. This plan will be submitted to the West Virginia Department of Environmental Protection for an NPDES Construction Activity Permit. A review of the need for a COE 404/401 permit will also be done. Any permits as needed will be done as a nationwide permit to minimize approval times.

Schedule: 10 days

D. Preliminary Entrance Design

Alpha will work closely with the West Virginia Army National Guard to develop a plan to maintain property access during construction, and avoid unnecessary disturbance to the existing surrounding buildings. The Access will be designed so that proper drainage is maintained and adequate curb returns are provided to accommodate all anticipated traffic.

The Access Road entrance will be designed to West Virginia Department of Transportation Division of Highways standards in accordance with WVDOH specifications, using information and recommendations from the Traffic Impact Study.

Schedule: 7 days

E. Construction Plan Submittals

Alpha will prepare interim submittals at 30%, 60% and 95% of the project for review by the West Virginia Army National Guard.

The 30% submittal will include general layout, line and grade of the proposed Access Road, preliminary roadway typical sections, preliminary Building Site grading, general strategies for storm water management, storm drainage, erosion and sediment control and temporary traffic control. Also included will be an engineer's opinion of construction costs.

Schedule: 30 days

The 60% submittal will include Building Site grading plans, a finalized alignment of the proposed Access Road, road cross sections and typical sections, storm drain inlet locations, storm water management and erosion and sediment control details, and evaluation of any alternatives. Also included will be an engineer's opinion of construction costs.

Schedule: 30 days



The 90% submittal will include complete typical sections, cross sections, a final Building Site grading plan, plans and profiles of the final Access Road alignment, as well as finalized plans and specifications for erosion and sediment control, storm water management, storm drainage, temporary traffic control and a final opinion of construction costs.

Schedule: 30 days

F. Study and Preliminary Design Schedule

The above Study and Preliminary Design tasks B through E shall take place concurrently. The Hydrologic and Hydraulic Analysis, Grading and Sediment Control Plan, Preliminary Entrance Design shall take place simultaneously. The total Preliminary Design Schedule shall be shall be 30 days. Should a Traffic Impact Study be necessary, it would require 30 days to complete outside of the Preliminary Design Schedule.

II. Final Design

A. Final Project Plans and Specifications

Alpha will prepare final construction documents including plans, specifications and contract documents. Alpha will obtain all permits necessary for construction, and prepare an engineer's final opinion of construction costs. Alpha will provide ten copies of all documents, for all phases of construction, to the Owner.

B. Final Design Schedule

Final project plans and specifications shall be complete and ready for bidding within 30 days after the approval of the preliminary design.

Schedule: 30 days

III. Bidding Phase

A. Obtaining Bids

Alpha will assist in obtaining bids from qualified contractors and distribute five additional sets of contract documents to plan rooms as specified by the Owner for the project.

Schedule: 15 days



B. Pre-Bid Process/Bid Questions

Alpha will attend a pre-bid conference for contractors, prepare meeting minutes of the pre-bid conference, answer contractor questions during the bid process and prepare addenda as necessary. During the selection process Alpha will assist the Owner in the selection of a contractor including verifying qualifications and references as needed.

Schedule: 15 days

C. Selection Process

During the selection process, Alpha will assist the Owner in the selection of a contractor and subcontractors, evaluation of bids and preparing the award of contract. After a contractor is selected, Alpha will assist the Owner in preparing all documents necessary for the contract agreement between the Owner and contractor and also assist in obtaining funding agency approvals.

Schedule: 15 days

IV. Construction Phase

A. Construction Representation

Alpha will act as the representative of the Owner to provide construction administration services. Alpha will work closely with the Owner to consult and advise the Owner on construction administration procedures during the construction process.

B. Site Visits

Alpha will make a minimum of Two (2) site visit monthly to inspect the contractor's work and evaluate progress. At each site visit, Alpha will inspect the quality of the contractor's work, ensure that the contract documents are being followed, and check the progress of construction. After each site visit, Alpha will prepare a written site report to inform the Owner. Should Alpha find fault or deficiencies in the work, Alpha will notify the Owner immediately and make recommendations. We will provide full-time inspection if desired by the Guard.

C. Construction Administration

Alpha will perform construction administration duties, including shop drawing review, answering requests for information, review of substitution requests, schedules and testing reports submitted by the contractor. Alpha will also process change order requests, including a cost evaluation and review applications for payment. A monthly inspection to review the application for payment will also be done.



D. Construction Progress Meetings

For the duration of the construction process, Alpha will conduct bi-weekly progress meetings. These meetings will take place at the construction site and will include representatives from the Owner, engineer, architect, and contractor. Alpha will produce written meeting minutes for distribution to all parties. One meeting will correspond to the review of pay applications.

E. Record Drawings

At the completion of the project, Alpha will prepare a set of record drawings in both hard copy and AutoCAD format. The record drawings shall reflect the compilation of changes and revisions made during construction, and will be made from information provided by the inspector and contractor.

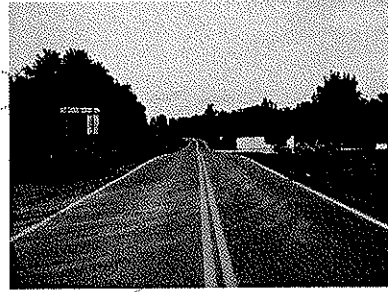
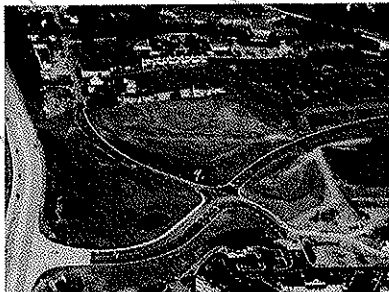
F. Schedule

Duration of construction administration services will extend until project construction is complete. Anticipated construction time is estimated to be 120-180 days.



Firm ProfileALPHA ASSOCIATES,
INCORPORATED
2011**Firm Profile**

Alpha Associates, Incorporated

Firm Name: Alpha Associates, Incorporated**Corporate Office:** 209 Prairie Avenue
Morgantown, West Virginia 26501**Eastern Regional Office:** 535 West King Street
Martinsburg, West Virginia 25401**Incorporated:** 1969; Morgantown, West Virginia**Firm Principals:** Richard A. Colebank, PE, PS; President and COO
Richard W. Klein, PE, PS; Chairman and CEO
James A. Davison, AIA; Vice President
Charles B. Luttrell, PE; Principal
Steven V. Buchanan, PE, PS; Principal
Matthew S. Breakey, AIA, LEED-AP; Principal
Charles B. Branch, PE; Principal**Number of Employees:** 35 Employees**Services:** Architectural Design, Civil and Structural
Engineering, Surveying, Construction Administration,
Landscape Design, Interior Design

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



ARCHITECTS • ENGINEERS • SURVEYORS

Civil Engineering Case Studies

Project Description

Monongalia General Hospital Access to Route 705 Morgantown, WV

Alpha Associates, Incorporated is currently providing design services for a new entrance onto WV Route 705 opposite Willowdale Road. This access will provide for a five lane direct connection for Monongalia General Hospital onto Rt. 705.

The project consists of a traffic impact analysis, intersection and signal design at the Willowdale intersection, and the design of an access road from Maple Drive to J.D. Anderson Drive.

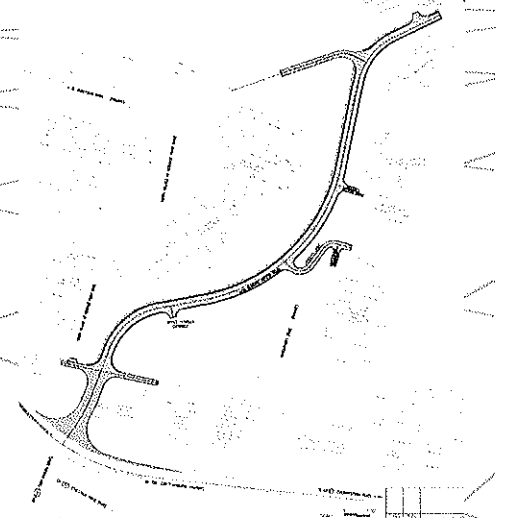
Alpha's design services include:

1. Preparation and approval of Traffic Impact Analysis.
2. Coordination with DOH District and Main Office.
3. Access road design from WV Rt. 705 to Mon General Hospital including Maple Drive connections.
4. Plans for closing of Maple Drive West at WV Rt. 705.
5. Design of necessary improvements on WV Rt. 705 including turn lanes, pavement marking, signal modifications, signage, and permitting.
6. Drainage design for all work including stormwater management as required.
7. Design of maintenance of traffic plans for all work.
8. Coordination with all utility companies for areas impacted.
9. Preparation of right of way documents.
10. Erosion and sediment control design.

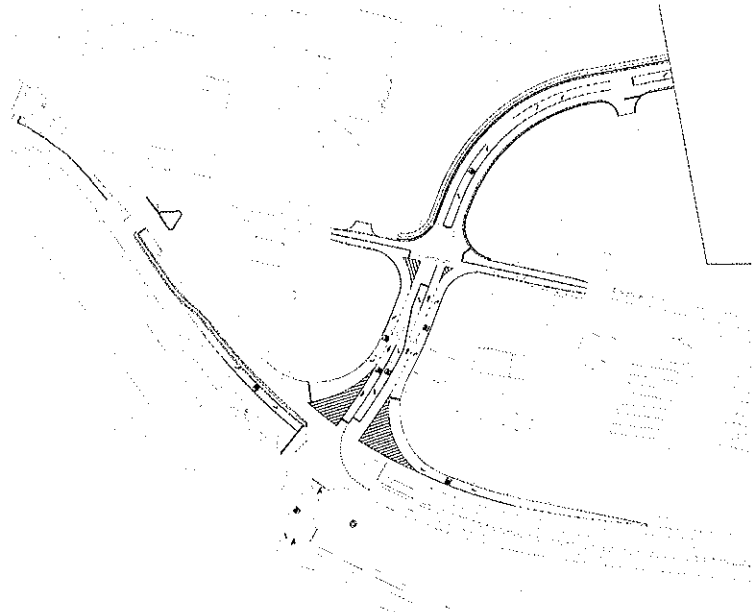
Alpha's services also included preparing the necessary documents to procure TIF Funding.

At A Glance..

- 1 Client:
Monongalia General Hospital
- 2 Location:
Morgantown, WV
- 3 Completion Date:
TBD
- 4 Size:
Approx. 0.5 Miles
- 5 Construction Cost:
Est. \$2.5 Million

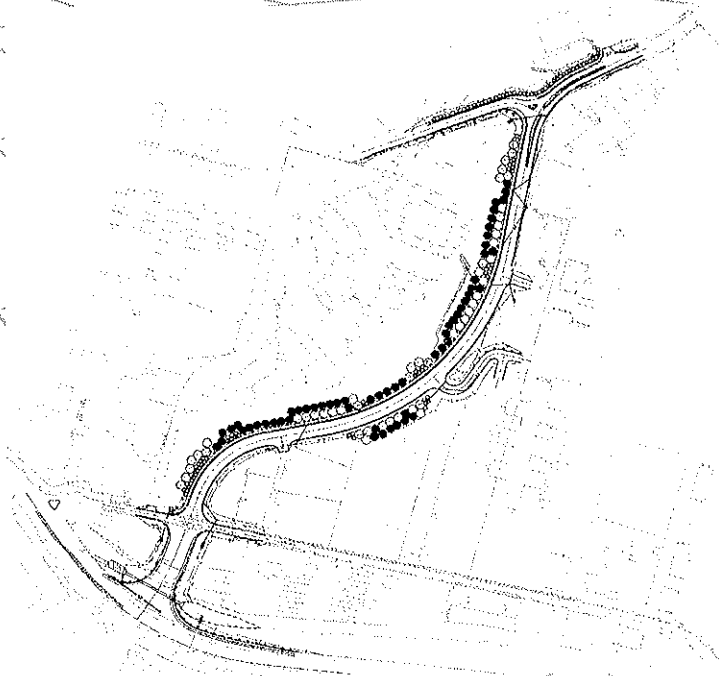


**Monongalia General Hospital Access to Route 705
Morgantown, WV**



At A Glance...

- 1 Client:
Monongalia General
Hospital
- 2 Location:
Morgantown, WV
- 3 Completion Date:
TBD
- 4 Size:
Approx. 0.5 Miles
- 5 Construction Cost:
Est. \$2.5 Million



Transportation Case Studies

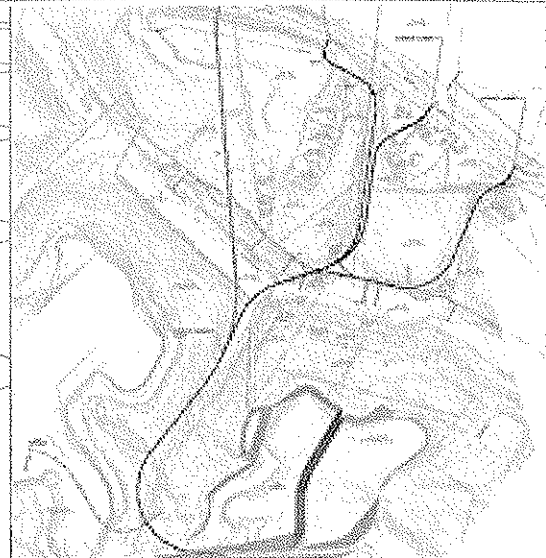
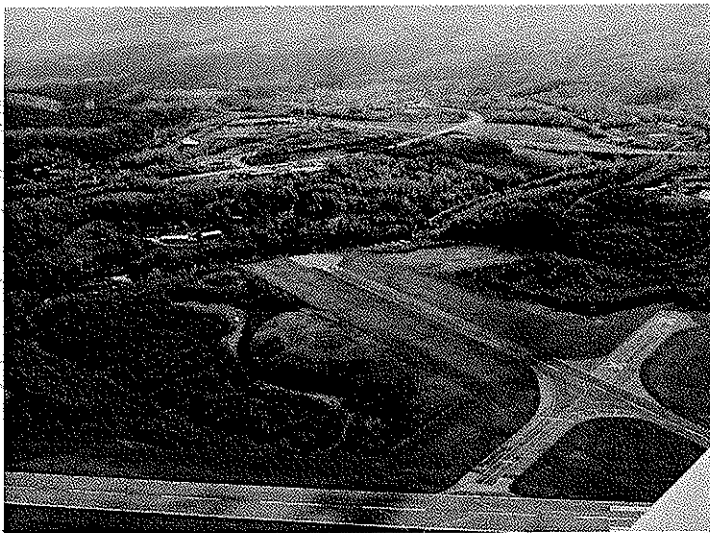
Project Description

Morgantown Municipal Airport Access Road **Morgan and Union Districts** **Monongalia County** **Morgantown, West Virginia**

Alpha Associates, Inc. is in the process of designing an access road from County Route 857 near the Glenmark Center intersection to the East side of the Morgantown Municipal Airport to serve a new US Army Reserve Center and a new airport business park.

At A Glance...

- 1 Client:
Monongalia County
Development Authority
- 2 Location:
Morgantown, WV
- 3 Completion Date:
TBD
- 4 Size:
5500 LF of Roadway
- 5 Construction Cost:
Est. \$4.5 Million



Master Plan Case Studies

Project Description

Beltline Redevelopment Plan Fairmont, West Virginia

Alpha Associates, Inc. is currently working on a Master Plan for the City of Fairmont which covers an area of the West Side, near West Fairmont Middle School and East West Stadium.

Alpha teamed with planners, Pashek Associates, with the goal of developing a plan for the area which will provide opportunities to grow business and commercial development in the neighborhood surrounding the School and Stadium.

The team performed extensive evaluations of the current conditions, including existing utilities, traffic patterns, pedestrian and vehicular circulation, existing land uses, the condition of existing properties, and current zoning.

Using the data gathered and input from public meetings and local stakeholders, a plan will be presented to maximize the potential of the current neighborhood, providing a goal for the community and the City of Fairmont to achieve with planned development.

At a Glance...

1

Client:
City of Fairmont

2

Location:
Fairmont, WV

3

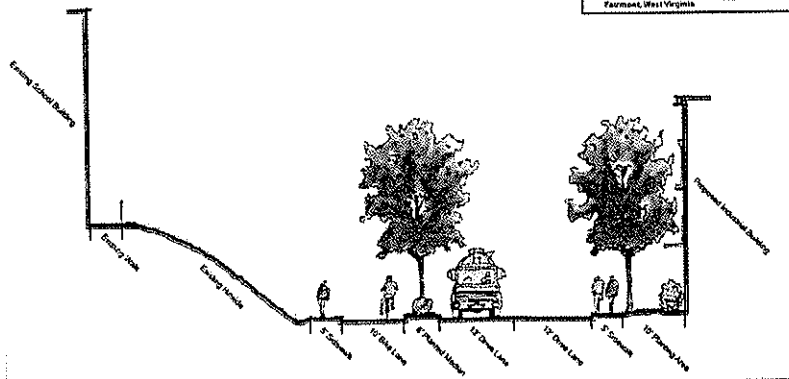
Completion Date:
Est. 2010

4

Size:
Multiple Areas

5

Construction Cost:
N/A

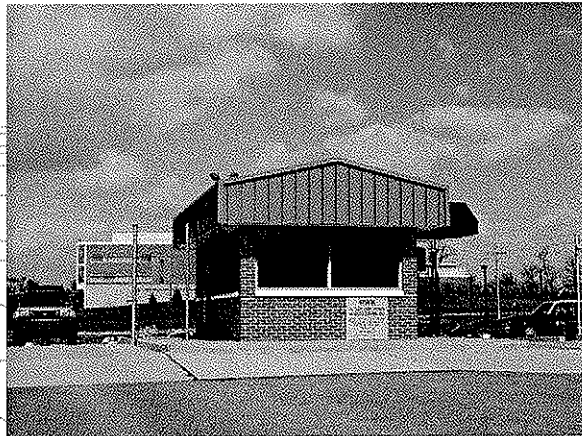


Government Case Studies

Project Description

Coast Guard Access Road Martinsburg, WV

This project involved constructing a new access road to the U.S. Coast Guard Operations System Center in Martinsburg, West Virginia. The project included approximately one-half mile of four-lane asphalt road and the one lane widening of 1,500 feet of State Rt 9. The project was amended to include a new guard building, a perimeter truck access road and additional parking.



At A Glance...

- 1 **Client:**
U.S. Coast Guard
Operations System
Center
- 2 **Location:**
Martinsburg, WV
- 3 **Completion Date:**
1999
- 4 **Size:**
N/A – Portion of Larger
Project
- 5 **Construction Cost:**
N/A – Portion of Larger
Project
- 6 **Project Relevance:**
 - Architectural design
 - Access road design
 - Federally funded



Higher Education/Civil Engineering

Project Description

**West Virginia University Research Park
Morgantown, WV**

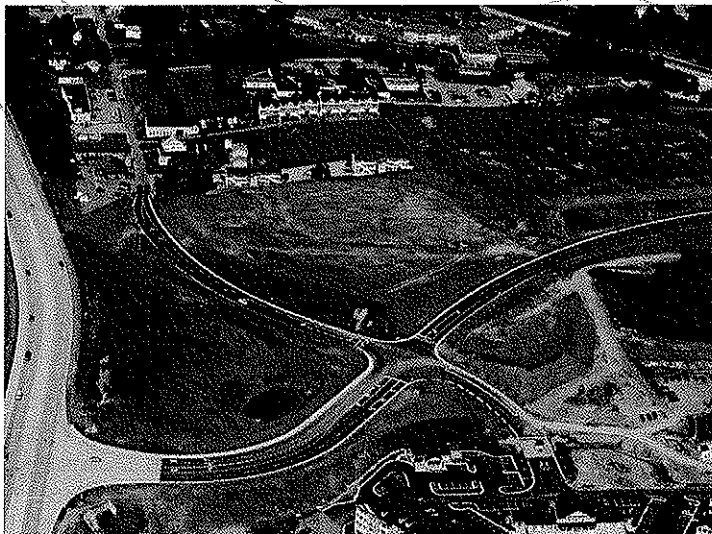
The WVU Research Park is located at the site of the former WVU Poultry Farm located on State Route 705 in Morgantown. The location was chosen to provide a separate research campus, while adjacent to other WVU campuses which allow a technological connection to be made with the remainder of the University system.

Over the past 10 years, congestion has continued to grow in Morgantown. Traffic congestion in Morgantown is most felt in the 705 Corridor, the home to the WVU Research Park. With more than 3000 additional vehicles projected in the area, traffic concerns were a priority for the Research Corporation, as well as the Design Team. Prior to the development of the WVU Research Park, the intersection of Maple Drive and Route 705 was virtually unusable during peak traffic hours with severe site distance problems.

With findings from a Traffic Impact Study, the Design Team began the design of two intersections, traffic control systems and 5250 feet of roadway. The project was designed to be bid and constructed in multiple phases. The multiple bid packages were utilized to more efficiently construct the project, as well as meet funding availability. Phase 1 of construction included a mass earthwork package that moved nearly 233,000 cy of earth to prepare for the roadway bases and future building pads. Phase 2 of construction included all utilities for the Research Park and related traffic control systems as well as stormwater management of the park and roadways.

At A Glance..

- 1 *Client:*
West Virginia University
Research Corporation
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2007
- 4 *Size:*
75 Acres
- 5 *Construction Cost:*
Approximately \$2.4
Million
- 6 *Project Relevance:*
 - Utility Installation and Relocation
 - Installation of Erosion and Sediment Control Features
 - Mass Grading
 - Storm Water Management



Engineering Case Studies

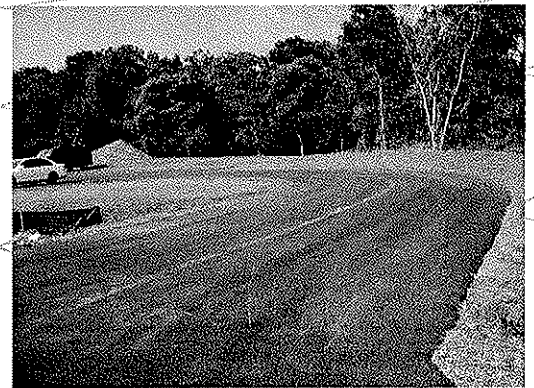
Project Description

Eastern Management Development Center Shepherdstown, WV

Preparation of Conditional Use Permit for the Jefferson County Planning Commission. Planning, design and preparation of Construction Documents for the Access Roads, Off-Site Water Line, Sanitary Sewer Line and for storm sewers and storm water management. We provided inspection and test monitoring for all water and sewer line construction. Alpha Associates, Incorporated also provided surveying and mapping for the above described work.

At A Glance...

- 1 *Client:*
Eastern Management
Development Center
- 2 *Location:*
Shepherdstown, WV
- 3 *Completion Date:*
1998
- 4 *Size:*
2,000 ft. 8" sewer line
1,600 ft. 12" water main
- 5 *Construction Cost:*
Private Client
- 6 *Project Relevance:*
 - Sanitary sewer
 - Construction Administration



Transportation Case Studies

Project Description

Burr-Bardane Industrial Park Road Jefferson County, WV

The design of this two-lane road is intended to provide improved access to the Burr-Bardane Industrial Park in Jefferson County by connecting Industrial Boulevard with West Burr Boulevard. The road is approximately a half-mile in length and had a construction cost of \$1,200,000.

Design of this road included drainage design, complete right of way plans, maintenance of traffic flow and permitting.



At A Glance...

- 1 **Client:**
West Virginia Division of
Highways
- 2 **Location:**
Jefferson County, WV
- 3 **Completion Date:**
2007
- 4 **Size:**
0.55 Miles 2-Lane Road
- 5 **Construction Cost:**
\$1.2 Million
- 6 **Project Relevance:**
 - Road Design
 - Drainage Design
 - Right of Way Plans
 - Maintenance of
Traffic Flow
 - Permitting



Transportation Case Studies

Project Description

Elkins Bypass Elkins, WV

The design of Elkins Bypass – Contract 06 is being performed for the West Virginia Division of Highways for a three-lane roadway known as Spur A from the proposed Elkins Bypass into existing US Route 33 in Randolph County near the City of Elkins. The total project length is slightly longer than 1 mile and includes a 1685-foot long bridge over the Tygart Valley River as well as improvements to existing US Route 33 and other intersection county routes. It is anticipated that the construction cost for this project will be approximately \$19 million. We are performing 100% of this section of the Elkins Bypass as a consultant.

At A Glance...

1	<i>Client:</i> West Virginia Division of Highways
2	<i>Location:</i> Elkins, WV
3	<i>Completion Date:</i> TBD
4	<i>Size:</i> 1 Mile
5	<i>Construction Cost:</i> Estimated \$19 Million



Civil Engineering Case Studies

Project Description

Monongalia General Medical Office Complex Site Work Morgantown, WV

Alpha Associates, Incorporated provided professional engineering services for the site of the new medical office complex for Monongalia General Hospital.

The project included coordination of hazardous materials evaluation performed by the owner's contractor, removal of asbestos and demolition of two houses and a two story office building. The demolition is currently underway.

The construction will include site work required for approximately 160,000 square feet of medical office building and associated parking.

At A Glance...

- 1 *Client:*
Monongalia General Hospital
- 2 *Location:*
Morgantown, WV
- 3 *Completion Date:*
2009
- 4 *Size:*
3.25 Acres
- 5 *Construction Cost:*
\$797,000
- 6 *Project Relevance:*
 - Demolition
 - Installation of Erosion and Sediment Control Features
 - Site Lighting
 - Site Landscape
 - Grading
 - Storm Water Management



Transportation Case Studies

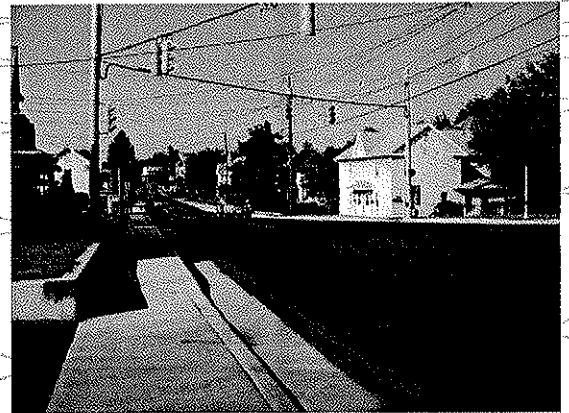
Project Description

**Rocky Lane Road
 Martinsburg, WV**

Alpha Associates, Incorporated provided the design of a new connection of Rocky Lane Road to Winchester Avenue (US Route 11) in the City of Martinsburg. The work included a new intersection, widening of Winchester Avenue to accommodate turning lanes, a new traffic signal, utility relocation, various roadway improvements including new sidewalks, curbs, gutters, retaining wall and a storm water management system were added.

At A Glance...

- 1 Client:
West Virginia
Division of Highways,
- 2 Location:
Martinsburg, WV
- 3 Completion Date:
2009
- 4 Size:
0.17 Miles
- 5 Construction Cost:
\$1,067,515.00



Utility Case Studies

Project Description

US Route 11 Wheatland Road Berkeley County, WV

The US Route 11 Wheatland Road Project included adding a middle turning lane for approximately 1½ miles at a location south of Martinsburg. Our work on this project included highway design, maintenance of the traffic design, waterline relocation, storm sewer design, storm water management design, sanitary sewer relocation, and coordination of electric and telephone relocation.

This project also included a highly complicated drainage and stormwater management system in a part of the county that has severe drainage problems. Maintenance of traffic was also significant on this very busy stretch of highway.

Approximately 3900 LF of 6" and 12" waterline and related appurtenances as well as meter pits and fire hydrants will be installed as part of this project. This project required the collaboration of the West Virginia Division of Highways, the City of Martinsburg and Berkeley County Public Service District.

Complete right of way plans were prepared for this project.

At A Glance..

1

Client:
West Virginia Division of Highways, District 5

2

Location:
Berkeley County, WV

3

Completion Date:
To be determined

4

Size:
1 ½ Miles

5

Construction Cost:
Estimated \$2.3 Million

6

Project Relevance:

- Collaboration of various community entities
- Utility Improvement and Relocation
- Roadway Design
- Right of way plans



Transportation Case Studies

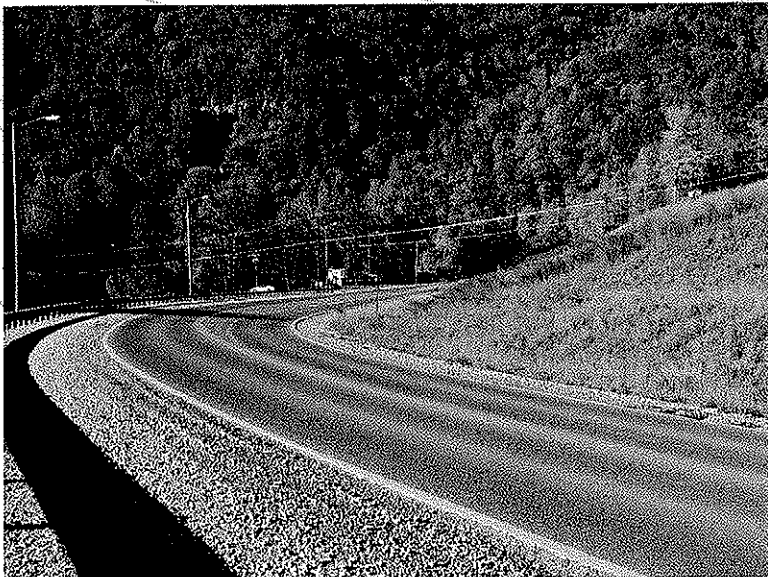
Project Description

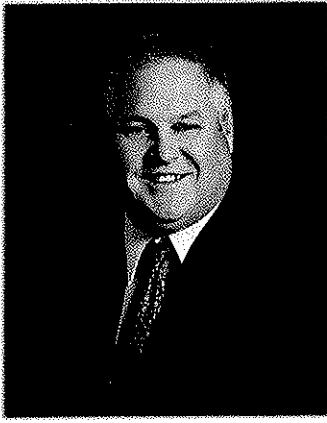
**Wyoming County Route 10 and 16 Relocation
Wyoming County, WV**

Alpha Associates, Incorporated provided design engineering, bid negotiation and construction phase services for 1,100-meter relocation of Route 10 in Wyoming County. The project was completed under a contract with the Wyoming County Board of Education, under the direction of the West Virginia Division of Highways. The project included more than 150,000 cubic meters of excavation, grading, drainage and bituminous concrete paving. Right of way planning included right of way questionnaires and deed and property descriptions. Scheduling and traffic control was crucial in allowing for construction of a high school in conjunction with the road project.

At A Glance...

- 1 Client:
West Virginia
Division of Highways
- 2 Location:
Wyoming County, WV
- 3 Completion Date:
1998
- 4 Size:
1,100 Meters
- 5 Construction Cost:
\$2 Million





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

SUMMARY

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

PROFILE

Broad-based responsibilities in the following areas:

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

PROFESSIONAL HIGHLIGHTS

Project Management:

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

Indefinite Delivery/Indefinite Quantity Contracts:

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



EMPLOYMENT HISTORY

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

CORPS OF ENGINEERS: 1983 US Army Corps of Engineers

EDUCATION

GRADUATE: West Virginia University
Masters – Business Administration; 1999

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1982

QUALIFICATIONS

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

AFFILIATIONS

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

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





CHARLES B. BRANCH, PE
PRINCIPAL
CIVIL ENGINEER
cbranch@alphaaec.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/Storm Water Management Design
- Site Engineering
- Project Management

PROFESSIONAL HIGHLIGHTS

Educational Projects:

- WVU Parking Lot 81 Renovations; Morgantown, WV
- WVU Doll's Run Burn Room; Morgantown, WV
- WVU Alumni Center Parking Lot; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- WVU Health Sciences Center Eastern Division; Martinsburg, WV

Highway Design:

- Blackshere Bridge; Mannington, WV
- I-68 Welcome Center; Hazelton, WV
- I-77 Information Center; Williamstown, WV
- Lewis County High School Bridge; Weston, WV
- Wyoming County Route 10 Relocation; Wyoming County, WV



Commercial Site Plans:

- West Virginia High Technology Consortium; Fairmont, WV
- Residence Inn; Morgantown, WV
- FFCU – Charles Pointe; Bridgeport, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 1992 – Present Alpha Associates, Incorporated
1988 – 1992 Reimer, Muegge, & Associates, Inc.

EDUCATION

UNDERGRADUATE: Fairmont State College
BS – Architectural Engineering Technology 1988
West Virginia University
BS – Civil Engineering 2000

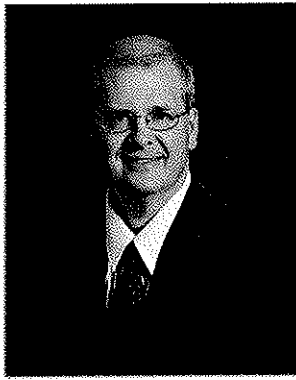
QUALIFICATIONS

LICENSE: Professional Engineer
West Virginia

AFFILIATIONS

CIVIC: Marion County Youth Soccer Association - Coach





STEVEN V. BUCHANAN, PE, PS
PRINCIPAL
CIVIL ENGINEER
sbuchanan@alphaaec.com

SUMMARY

Mr. Buchanan is a Civil Engineer and Principal at Alpha Associates, Incorporated. He has more than 25 years of experience working in municipal engineering, storm water management, site planning, hydrologic and hydraulic analysis, wastewater collection systems design, water distribution systems design, booster station design, highway engineering, and traffic engineering.

PROFILE

Broad-based responsibilities in the following areas:

- Highway Design
- Municipal Engineering
- Wastewater Collection
- Storm Sewer System Design
- Passive Acid Mine Drainage Treatment
- Site Engineering
- Project Management

PROFESSIONAL HIGHLIGHTS

PROJECT MANAGER:

- Borough of Point Marion Engineer; Point Marion, PA
- Monongalia County Board of Education Sewage Treatment Plants; Monongalia County, WV
- North Fork Hughes River Recreational Facilities; Ritchie County, WV
- WVDOH Rest Areas Sewage Treatment Plants; Berkeley, Braxton and Lewis Counties, WV
- WVU Law School Parking Lot; Morgantown, WV
- Uvilla - Shepherdstown Road Project; Jefferson County, WV
- Wheatland Road Widening and Utility Relocation Project; Berkeley County, WV
- Clay - Battelle High School Sewer Line Extension, Monongalia County, WV
- Grade Road Design Study; Berkeley County, WV



CIVIL ENGINEER:

- West Virginia Division of Highways I – 77 Welcome Center; Williamstown, WV
- West Virginia Medal of Honor Recipients Plaza; Preston County, WV
- South High Street Bridge; Morgantown, WV
- West Buckeye Acrow Bridge; Monongalia County, WV
- Elkins Bypass; Randolph County, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	1998 – Present	Alpha Associates, Incorporated
	1989 – 1998	Widmer Engineering, Incorporated
	1986 – 1989	Wiley and Wilson, P.C.
	1984 – 1986	Greiner Engineering Sciences, Incorporated
	Summer – 1983	West Virginia Department of Transportation, Division of Highways

EDUCATION

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 1984

QUALIFICATIONS

LICENSE: Professional Engineer:
West Virginia, Pennsylvania, Maryland, Ohio

Professional Surveyor:
West Virginia





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

SUMMARY

Mr. Luttrell has worked with Alpha Associates, Inc. since 1996. He is the chief structural engineer on all projects at Alpha. Before coming to Alpha, Mr. Luttrell's graduate work resulted in several contributions to the cold-formed steel deck industry. His new method of analysis for non-uniform loads on composite concrete and cold-formed steel decks has been made a permanent part of the *Steel Deck Institute's* design manual. Mr. Luttrell also worked on projects that involved pre-stressed timber bridge research with the West Virginia University Constructed Facilities Center. Since coming to Alpha, Mr. Luttrell has had a significant involvement in the effort to begin utilizing modern composite materials in practical bridge applications. Two recent Alpha bridge projects have been designed using these innovative materials.

PROFILE

Broad-based responsibilities in the following areas:

- Bridge Structural Design and Analysis
- Innovative Bridge Materials Applications
- Building Structural Design and Analysis
- Historical Restoration and Evaluations

PROFESSIONAL HIGHLIGHTS

STRUCTURAL ENGINEER:

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



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

EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	1996 – Current	Alpha Associates, Incorporated
	1995 – 1996	Larry D. Luttrell, PE, Ph D
	1991 – 1994	West Virginia University
	1990 – 1991	WVU Constructed Facilities Center

EDUCATION

GRADUATE:	West Virginia University MS – Structural Engineering; 1995
UNDERGRADUATE:	West Virginia University BS – Civil Engineering; 1993

QUALIFICATIONS

LICENSE:	Professional Engineer: West Virginia, Maryland, Pennsylvania
-----------------	---

AFFILIATIONS

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

RESEARCH EXPERIENCE

STRUCTURAL:	Cold Formed Steel Deck Research <ul style="list-style-type: none">• Fastener failures• Edge conditions/failures• Buttoned overlap shear failures Composite Cold Formed Steel and Concrete Deck Research <ul style="list-style-type: none">• Line load behavior/failures• Concentrated load behavior/failures• Web crippling• Punch failures
--------------------	--





BRADLEY D. MILLER, PS
PARTY SURVEY CHIEF
bmiller@alphaaec.com

SUMMARY

Mr. Miller has gained experience in all phases of surveying with numerous civil engineering and site development projects throughout West Virginia and Pennsylvania. These project surveys include highway construction, power plant construction, geodetic survey control, boundary, topographic, subdivision layout, waterline construction, sanitary sewer line construction and storm drainage structure layout.

PROFILE

Broad-based responsibilities in the following areas:

- Surveying Technology
- Surveying

PROFESSIONAL HIGHLIGHTS

SURVEYING:

- WVU Old College Park Apartments, Boundary Survey; Morgantown, WV
- WVU Lot 81 Improvement, Topographic Survey; Morgantown, WV
- WVU Rawley Avenue, Construction Easement Survey; Morgantown
- WVU Engineering Sciences Building, Topographic Survey; Morgantown, WV
- Chemtura Plant 3-D Pipe Survey; Morgantown, WV
- Power Plant Construction Surveying; Ft. Martin, WV
- Hart Field Airport – GPS Control Network, Boundary Survey and Various Construction Surveys in Monongalia County, WV.
- Augusta Project for McCoy 6, Boundary Survey; Morgantown, WV
- Greenbrier County Subdivision, Topographic and Boundary Survey; Lewisburg, WV
- Pittsburgh International Airport, GPS Control Network and Boundary Survey; Pittsburgh, PA
- PA Turnpike Commission – Findlay Connector, Stakeout References and Road Alignments; Washington County and Allegheny County, PA
- Penn DOT – Rt. 22 Widening Reconstruction, Stakeout References and Road Alignments; Indiana County and Cambria County, PA



EMPLOYMENT HISTORY

PRIVATE INDUSTRY:	2006 – Current	Alpha Associates, Incorporated
	1999 – 2006	Monaloh Basin Engineers
	1998 – 1998	Nemacolin Woodlands Resort & Spa
	1996 – 1998	Mon-Valley Surveying

EDUCATION

UNDERGRADUATE: West Virginia University
BS – Business Management – Human Resources, 1994

Potomac State College of West Virginia University
AA – Business and Economics, 1992

QUALIFICATIONS

LICENSE: Professional Surveyor:
West Virginia

AFFILIATIONS

West Virginia Society of Professional Land Surveyors





REBECCA MORRIS, PE
STAFF ENGINEER
rmorris@alphaaec.com

SUMMARY

Ms. Morris is a staff engineer in the Morgantown office. She has experience in performing roadway design, storm sewer design, storm water management and cost estimating. Ms. Morris provides professional civil engineering design services as part of Alpha's team, as well as cost estimating services for architectural and engineering projects.

PROFILE

Broad-based responsibilities in the following areas:

- Highway Design
- Site Plan Development
- Field Engineering/Inspection
- Traffic Engineering
- Cost Estimating
- Hydrologic and Hydraulic Studies

PROFESSIONAL HIGHLIGHTS

Civil Engineering:

- Hughes River Recreation Area; North Bend State Park; WV
- Rocky Lane Road; Martinsburg, WV
- WVU Research Park Site Design; Morgantown, WV
- Colonial Hills Subdivision Site Design; Jefferson County, WV
- Springfield Grade Road; Hampshire County, WV
- Mountaineer Middle School former University High School; Morgantown, WV
- WVU Engineering Sciences East Wing Addition; Morgantown, WV
- WVU Alumni Center; Morgantown, WV
- WVU Evansdale Redevelopment; Morgantown, WV
- Monongalia General Access Road; Morgantown, WV

Estimating:

- Hazel Ruby McQuain Riverfront Park Amphitheater Roof; Morgantown, WV
- Morgantown Municipal Airport AARF Building; Morgantown, WV
- Ruby Memorial Hospital Emergency Dept. Addition; Morgantown, WV
- National Energy Technology Laboratory; Morgantown, WV
- Fairmont Federal Credit Union, Clarksburg, WV
- Engineering Sciences Building Addition; Morgantown, WV
- University High School; Morgantown, WV



Estimating (continued):

- Walnut Street Building; Morgantown, WV
- Berkeley Springs Bath House; Berkeley Springs, WV
- Ridgeley Community Center; Ridgeley, WV
- Potomac State College Connecting Link; Keyser, WV
- Cheat Lake Elementary School; Morgantown, WV
- WVU ESB Nano Laboratory Renovation; Morgantown, WV
- WVU ESB 10th Floor Renovation; Morgantown, WV
- Fairmont State University President's House
- WVU CRRB 5th and 7th Fit-Outs; Morgantown, WV
- Ridgedale Elementary School Addition; Morgantown, WV
- Grafton High School Athletic Facilities; Grafton, WV
- Westside Athletic Facilities; Pineville, WV

Field Engineering:

- Morgantown Municipal Airport Signage and Lighting; Morgantown, WV
- Morgantown Municipal Airport De-Icing Containment; Morgantown, WV
- Point Marion Borough Water Street; Point Marion, PA
- Marion BOE Wastewater Treatment; Fairmont, WV

EMPLOYMENT HISTORY

PRIVATE INDUSTRY: 2000 – Current Alpha Associates, Incorporated

EDUCATION

UNDERGRADUATE: West Virginia University
BS – Civil Engineering; 2003

QUALIFICATIONS

LICENSE: Professional Engineer
West Virginia



MONONGALIA COUNTY DEVELOPMENT AUTHORITY

MORGANTOWN ENTERPRISE CENTER, 955 HARTMAN RUN ROAD, SUITE 200

P.O. BOX 188, MORGANTOWN, WEST VIRGINIA 26507-0188

(304) 296-6684 • (FAX) 296-6689

info@morgantown.org • www.morgantown.org



May 1, 2007

To Whom It May Concern:

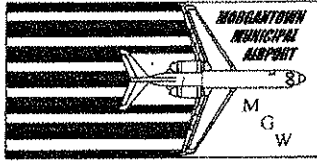
As Director of the Monongalia County Development Authority since 1992, I have worked with Alpha Associates directly as a client, and indirectly as a committee or board member on a variety of infrastructure and public service projects. I have always found the management and staff of Alpha Associates to be professional, reliable, and capable.

Yours truly,

A handwritten signature in cursive script that reads "Donald Reinke".

Donald Reinke, CEcD
Director

Greater Morgantown Has More... For Your Business!



Morgantown Municipal Airport

100 Hart Field Road
Morgantown, West Virginia 26505
(304) 291-7461
www.morgantownairport.com

Robert E. Hammel, Director
C: (304) 290-7461
robhammel@westco.net

May 1, 2007

MEMORANDUM FOR ALPHA Associates, Inc, ATTN: Mr. Richard Colebank,
President/CEO, 209 Prairie Avenue, Morgantown, WV 26505

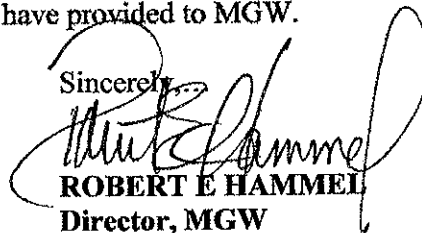
SUBJECT: Memorandum of Appreciation and Recommendation

On behalf of the management and staff of the Morgantown Municipal Airport (MGW), we wish to extend our sincere appreciation to your company for the absolute professionalism that your employees have demonstrated during the many years that you and your associates have served as MGW's contracted Architecture and Engineering (A&E) firm. Every aspect and detail of your planning, coordination, and completed projects have been exceptional and outstanding in every regard. The efforts of your airport designated staff, in tandem with their respective individual expertise, are considered to have been of the highest specialized caliber available within the civilian engineering and consultant community.

I want to specifically thank Mr. Brad Casdorff and Mr. Jeff Barr for their committed reliability, availability, and dedicated initiative in keeping the airport management and staff informed and updated in regard to project status and plans. Additionally, we'd like to personally thank Ms. Bobbie Hawkins for her noteworthy ability to maintain a very effective line of communication between the airport and your staff. These individuals, as well as yourself, are truly the rare type of professionals who not only have the propensity to do a job, but most importantly "do it well!"

Accordingly, we wish to thank you for a "job well done" and look forward to working with you in the future. With best regards, we sincerely hope that this letter can serve as a recommendation to your future clients and we are certainly willing to advocate your engineering excellence and the outstanding service that you have provided to MGW.

Sincerely,



ROBERT E HAMMEL
Director, MGW

CF:
MGW Advisory Committee Members

Client References

ALPHA ASSOCIATES,
INCORPORATED
Firm Profile

www.alpha

Client References**Recently Constructed Projects**

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

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

Jackie Marhefka, Director
Morgantown Municipal Airport
100 Hart Field Drive
Morgantown, WV 26505
304-291-7461

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

WVU Research Corporation
Mr. Russell Lorince
P.O. Box 6216
Morgantown, WV 26506
304-293-4806

