

**Presentation of Architectural & Engineering Qualifications
to the**

WEST VIRGINIA PURCHASING DEPARTMENT

DIVISION OF ENGINEERING & FACILITIES

**for
RFQ# DEFK11026**

**WV Army National Guard
Maintenance Building**

**THRASHER
ENGINEERING**

30 Columbia Boulevard
P.O. Box 1532
Clarksburg, WV 26301
304.624.4108 304.624.7831 Fax

thrasher@thrashereng.com
thrashereng.com

RECEIVED

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PURCHASING DIVISION
STATE OF WV

CLARKSBURG, WV □ CHARLESTON, WV □ BECKLEY, WV □ OAKLAND, MD

February 24, 2011

West Virginia Army National Guard
Division of Engineering and Facilities
c/o West Virginia Department of Administration
Purchasing Division
Building 15
2019 Washington Street, East
Charleston, West Virginia 25305-0130

**RE: *Expression of Interest for Architectural/ Engineering Services –
RFQ # DEFK11026 WV Army National Guard Maintenance Building***

To the Members of the Selection Committee:

Thrasher Engineering, Inc. appreciates the opportunity to express our interest in providing services to the West Virginia Army National Guard for a maintenance complex for the Coonskin Park area. We believe our architectural and engineering expertise and dedication to quality service will be beneficial to the West Virginia Army National Guard's project.

In addition to our technical and practical expertise, our team offers many qualifications that make us the right choice for your project, including:

- ❖ ***Experience with Pre-engineered Metal Building Design:***
Our team offers over thirty years of architectural design experience. We have designed offices for various public facilities and therefore are aware of the specific needs and are extremely sensitive to costs and budgets. Our abilities in this area are demonstrated in the Related Prior Experience section of this proposal.
- ❖ ***Full Service:*** Thrasher Engineering, Inc. offers the full civil engineering and architectural complement of services necessary for this project in-house. We will sub-contract the Mechanical-Electrical- Plumbing engineering services to Harper Engineering, a St. Albans based firm with whom we frequently work.
- ❖ ***Priority:*** Although our architectural design team has over forty years of combined experience, we are a young and growing firm. By virtue of that, our current work load will allow us to place the project as a priority. We will work as a team with you to determine your needs and design the rehabilitations to meet and exceed your expectations and the regulations required of state agencies.

- ❖ **Cost Accounting System:** Thrasher Engineering, Inc. does utilize a cost-accounting system that is capable of segregating and identifying accumulating costs for these type projects.

We are aware of, and comply with Title VI of the Civil Rights Act of 1954, Executive Order 11246, Section 109 of the Housing and Urban Development Act of 1968, Conflict of Interest Statement and Access to Records provisions and all other requirements as they relate to federal and state funded projects

Enclosed please find two (2) three ring binders containing our proposal along with a PDF file on compact disk, each containing *Qualifications Management and Staffing Capabilities, Related Prior Experience and References along with our No Debt affidavit and other required Bid Forms.*

We look forward to the opportunity to meeting with representatives of the West Virginia Army National Guard to discuss your needs and how Thrasher Engineering can provide the services necessary.

Sincerely,

THRASHER ENGINEERING, INC.



CRAIG BAKER, ASSOCIATE AIA
Project Manager



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
DEFK11026

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1

ADDRESS/PHONE/FAX/EMAIL/ATTENTION TO
TARA LYLE
304-558-2544

RFQ COPY
TYPE NAME/ADDRESS HERE

Thrasher Engineering, Inc.
 30 Columbia Boulevard
 Clarksburg, WV 26301

DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

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

DATE PRINTED 01/12/2011	TERMS OF SALE	SHIP VIA	F.B.I.	FREIGHT TERMS
BID OPENING DATE 02/24/2011		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						
<p align="center">EXPRESSION OF INTEREST (EOI)</p> <p>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 A MAINTENANCE COMPLEX FOR THE COONSKIN PARK AREA AT THE CHARLESTON ARMORY COMPLEX, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p>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.</p> <p>DEADLINE FOR ALL TECHNICAL QUESTIONS IS 02/07/2011 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>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE 	TELEPHONE 304-624-4108	DATE February 24, 2011	
TITLE Project Manager	FBN 55-0633596-6	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
DEFK11026

PAGE
2

ADDRESS (VENDOR RESPONSE TO ATTENTION ONLY)
TARA LYLE
304-558-2544

VENDOR

RFQ COPY
TYPE NAME/ADDRESS HERE

Thrasher Engineering, Inc.
 30 Columbia Boulevard
 Clarksburg, WV 26301

BUYER

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
01/12/2011				

BID OPENING DATE: **02/24/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	UNIT PRICE	AMOUNT
<p>SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>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.</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.: ----- DEFK11026 -----</p> <p>BID OPENING DATE: ----- 02/24/2011 -----</p> <p>BID OPENING TIME: ----- 1:30 PM -----</p>				

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-624-4108	DATE February 24, 2011
TITLE Project Manager	FON 55-0633596-6	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
DEFK11026

PAGE
3

ADDRESS FOR CORRESPONDENCE AND AUTHORIZATION
TARA LYLE
304-558-2544

RFQ COPY

TYPE NAME/ADDRESS HERE

Thrasher Engineering, Inc.
 30 Columbia Boulevard
 Clarksburg, WV 26301

RFQ COPY

**DIV ENGINEERING & FACILITIES
 ARMORY BOARD SECTION**

**1707 COONSKIN DRIVE
 CHARLESTON, WV
 25311-1099 304-541-6368**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
01/12/2011				

BID OPENING DATE: **02/24/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: 304-624-7831</p> <hr/> <p>CONTACT PERSON (PLEASE PRINT CLEARLY): Craig Baker</p> <hr/> <p>***** THIS IS THE END OF RFQ DEFK11026 ***** TOTAL:</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304-624-4108	DATE February 24, 2011
TITLE Project Manager	FAX 55-0633596-6	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

REQ NUMBER
DEFK11026

PAGE
1

ADDRESS (ADDRESS SHOULD BE TO ATTENTION OF)
TARA LYLE
304-558-2544

RFQ COPY

RFQ COPY
TYPE NAME/ADDRESS HERE

Thrasher Engineering, Inc.
 30 Columbia Boulevard
 Clarksburg, WV 26301

RFQ COPY

DIV ENGINEERING & FACILITIES
ARMORY BOARD SECTION

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	PERIOD YEARS
02/14/2011				

BID OPENING DATE: **02/24/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	UNIT 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.: DEFK11026 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: 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 304-624-4108	DATE February 24, 2011
TITLE Project Manager	FEIN 55-0633596-6	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

REG NUMBER
DEFK11026

PAGE
2

ADDRESS (CITY, STATE, ZIP, COUNTY, COUNTRY)
TARA LYLE
304-558-2544

RFQ COPY
TYPE NAME/ADDRESS HERE

Thrasher Engineering, Inc.
 30 Columbia Boulevard
 Clarksburg, WV 26301

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
02/14/2011				

BID OPENING DATE: **02/24/2011** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOF	CA 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 Thrasher Engineering, Inc COMPANY February 24, 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. 1</p>						
0001	1	JB		906-00-00-001		
<p>ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE 304-624-4108	DATE February 24, 2011
TITLE Project Manager	FRN 55-0633596-6	ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. DEFL1096

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 exceeds 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 §81-5-3), 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: Thrasher Engineering, Inc.

Authorized Signature: [Signature] Date: 2-23-11

State of West Virginia

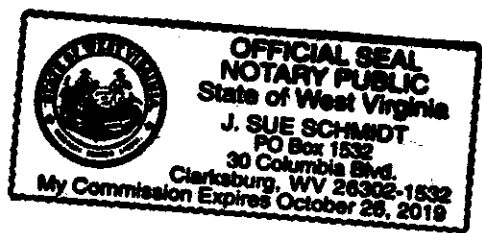
County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 23 day of February, 2011.

My Commission expires October 26, 2019.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

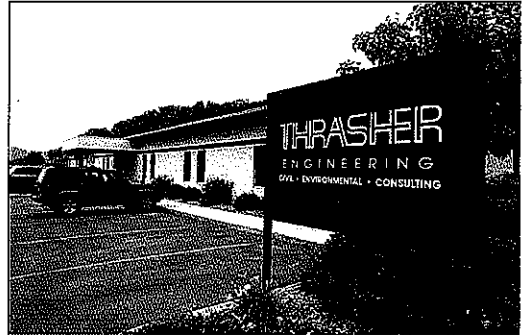


STATEMENT OF QUALIFICATIONS

Thrasher Engineering, Inc. provides the West Virginia Purchasing Division, on behalf of the West Virginia National Army Guard, the advantage of providing the full scope of services for professional Architectural / Engineering design services for a maintenance complex for the Coonskin Park area at the Charleston Armory Complex project under single corporate management.

Founded in 1983, Thrasher Engineering, a West Virginia owned and operated full-service company has provided engineering design and construction services for infrastructure throughout the State of West Virginia.

Throughout our 27-year history, Thrasher Engineering provided site development planning and engineering design services for many successful projects, working with numerous architectural firms and contractors. Based on that success, in 2004, we added architectural design to the scope of services we provide in-house.



ARCHITECTURAL / ENGINEERING QUALIFICATIONS

Exceptional customer service, versatility, quality and experience are the benefits realized by the selection of Thrasher Engineering.

Our architects bring over 40 years of experience to the project; a balance of aesthetics, functional design and maintainability is the base of their design. The civil engineering team, working with the architects, offers the structural, utilities, and landscape architecture segments.

In addition to our ability to provide the necessary services for architecture, civil engineering and field services under single corporate management, Thrasher Engineering, Inc.'s selection brings the following benefits to Kanawha County.

- ❑ We offer an approach to architectural projects different from that of other firms. Our engineering emphasis on the details of construction bidding documents for our design, in addition to the design itself, results in ***more accurate bids and fewer change orders - bringing cost savings to our clients.***
- ❑ Our proven abilities in the design and construction of structures to meet the needs of a variety of clients and our solid track record of site development engineering will be of great benefit as we will lend this expertise to the architectural design team.
- ❑ We offer ***a teamwork process.*** Our communication with the project owner is the key to providing design and construction services ***on-time and within budget.***

SERVICES

ARCHITECTURE

With over 40 years of combined experience, our architecture team bases their work on a balance of aesthetics with functional design and maintainability. Thrasher Engineering, Inc. offers the following services that relate to the project:

- ❖ **Project Management**
- ❖ **Space Analysis**
- ❖ **Preliminary Review and Final Design**
- ❖ **Regulatory Agency Permit Application**
- ❖ **Preparation of Construction and Bidding Documents**
- ❖ **Construction Inspection and Oversight**
- ❖ **Construction Administration**

The additional services Thrasher Engineering will offer in relation to the Guard's project include structural engineering, and construction management / inspection and materials testing.

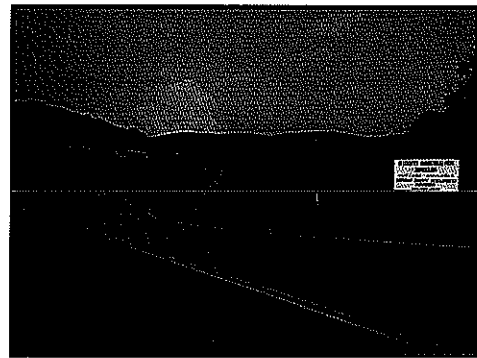


**First Central Bank
Bridgeport, WV**

SITE DEVELOPMENT

Over the past five years, Thrasher Engineering has planned, surveyed, designed and provided construction management services for over 30 site development projects for both public and private clients. Projects ranging from sites for residential housing to business and industrial parks to multi-purpose "live, work and play" communities are included in its range of site development projects.

Their objective in site development engineering is to go beyond just the engineering aspect of the project; they work as a team with clients to understand their present and future needs. With that information, the team works with them to evaluate site locations that best suit their short and long-term goals.



Thrasher Engineering provides the full spectrum of engineering services necessary to develop sites that provide the infrastructure needed:

- Site Selection and Evaluation
- Survey
- Roadways
- Sidewalks
- Utilities (water, sewer, storm sewer, gas, electric and telecommunications)

SURVEY

The Land Surveying department of Thrasher Engineering performs a wide range of services, not only in conjunction with engineering projects, but independently for both public and private clients. The types of surveys performed include:

- Construction layout for buildings, site development projects, highways, railroads, sanitary sewer systems and water and wastewater treatment plants
- Right-of-way/Easement surveying.
- Pre and post mine subsidence surveys
- GPS ground control surveys for aerial mapping
- Landfill closure surveys
- Topographic surveys
- Lake and river sounding surveys
- Boundary surveys
- ALTA/ACSM surveys
- Pre and post blasting surveys
- Aerial Photography



CONSTRUCTION MANAGEMENT

Knowledgeable and experienced personnel necessary to manage the construction phase are assigned to each of our projects.

Project managers and inspectors are experienced in all types of construction activities. From utilities, site development and storm water management to roads, bridges and airports, they apply construction management and inspection expertise to ensure successful projects. Both construction managers and inspectors have years of experience; many of whom are certified by the West Virginia Department of Transportation / Division of Highways for roadwork and materials testing.

Construction Management and Project Administration Services include:

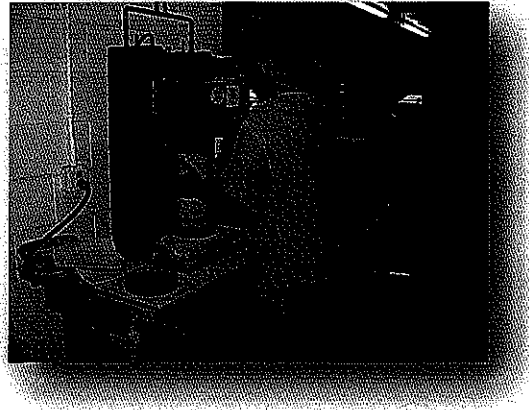
- Site Layout
- Construction Stakeout
- Inspection
- Quality Control

MATERIALS TESTING

Thrasher Engineering's Materials Testing Department is capable of performing a wide range of field and laboratory tests. The laboratory at our Clarksburg, WV office is certified both nationally and by the State of West Virginia. Additionally, engineers and technicians who perform tests both in the field and in the lab are certified by the State.

Services Include:

- Concrete Testing and Inspection
- Soil Testing and Inspection
- Aggregate Testing and Inspection
- Mortar and Grout
- Paint Coatings
- Sprayed-on Fireproofing
- Subsidence Inspecting
- Caisson and Piling Inspection
- Asphalt



***Concrete testing at the Clarksburg,
West Virginia Materials Testing
laboratory***

The firm's competence, specifically in the area of qualified construction observers has been demonstrated by recognition and awards presented for their performance.

These awards include the following from the West Virginia Department of Transportation / Division of Highways:

- 2006 – *Statewide Inspection - Engineering Excellence*
- 2004 – *Statewide Inspection - Engineering Excellence*
- 2005 - *Statewide Inspection - Engineering Excellence Finalist*
- 2002 - *Inspection Excellence - Specific Project - Meadowbrook Road*
- 2001 - *Inspection Excellence - Specific Project – South High Street Bridge*

Thrasher Engineering's WVDOH certified testing laboratory includes nuclear density gauges, gas detectors, and compression testing and proctor machines.

MANAGEMENT AND STAFFING CAPABILITIES

The expertise of the Thrasher Engineering team is a combination of education and experience; it is reflected in all aspects of our services. The firm is led by a talented group of principals and partners who are dedicated to the success of our projects and the satisfaction of our clients.

Serving as Principal-In-Charge, will be **Chad Riley, P.E.** He received his Bachelor of Science in Civil Engineering Technology from Fairmont State University and oversees architectural and site development projects, many of which include the design and construction of buildings. Mr. Riley has experience working with architects on the structural aspects of site development projects.

Craig Baker, Associate AIA, will serve as **Project Manager;** in this capacity, he will be your primary point of contact and be responsible for the administrative aspects including cost control, and project schedule. Mr. Baker received his B.S. in Architectural Engineering at Fairmont State University in 2001 and his A.S. in Architectural Engineering at Fairmont State University in 1999.

Lee Gustafson, AIA of will be the Senior Architect for this project. Mr. Gustafson is a graduate of the University of Cincinnati, with a Bachelor of Science degree in Architecture. Through his practice, Mr. Gustafson has extensive experience in the design and oversight of construction for numerous projects in Harrison County and surrounding counties. In this capacity he will design and oversee all work performed by any sub-consultants.

Serving as **Project Engineer** for structural and site development aspects will be **Jeff Gola, P.E.** He is a Summa Cum Laude graduate of West Virginia University where he received his Bachelor of Science Degree in Civil Engineering. He serves as both a Project Manager and Project Engineer for site development and structural projects for the firm.

In the capacity of **Manager of Materials Testing and Inspection** for Thrasher Engineering, **Aaron Denham** will be responsible for the assignment of testing personnel and quality control of materials and compaction testing during construction. He has 7 years of experience in the testing field, including FSU's parking garage, dormitory, student center and engineering technical building, along with all of the new facilities on the WVU Health Sciences campus. He has been with Thrasher Engineering since 2000 and holds a Bachelor of Science Degree from Fairmont State University with a B.S. Degree in Civil Engineering Technology.

Jason Harper, P.E., LEED of Harper Engineering will be responsible for oversight of design and construction for Mechanical-Electrical and Plumbing Services. Mr. Harper recently formed Harper Engineering after 10 years of experience with another West Virginia MEP firm. Working with Mr. Harper will be **Rick Standish, Scott Phillips and Mark King, P.E., LEED.**

The team will utilize the broad experience of Thrasher Engineering's staff of professional Engineers, CADD operators, construction managers, survey teams, testing personnel and administration staff to provide you with a successful project.

PROJECT TEAM MANAGEMENT AND STAFFING

Thrasher Engineering, Inc. has put together a team to address the West Virginia Army National Guard Project that has experience and technical knowledge that will allow for a successful, time- and cost-efficient project unsurpassed in West Virginia. This organizational chart is followed by personal profiles of each team member.

West Virginia Army National Guard

**Chad M. Riley, P.E. / Partner
Principal-In-Charge**

**Craig Baker, Associate AIA
Project Manager**

**Jeff Gola, P.E.
Site Development /
Structural Engineering**

**Lee O. Gustafson, AIA
Senior Architect**

**Aaron Denham,
Construction Management /
Materials Testing Manager**

**Jason Harper, P.E.
Harper Engineering, Inc.
Principal-In-Charge
Project Manager
HVAC Design**

**Thrasher Engineering
In-House Survey Services**

**Rick Standish
Electrical and Fire Alarm Design**

**Scott Phillips
Plumbing and Sprinkler System Design**

Mark King, P.E., LEED

Mr. Riley joined Thrasher Engineering in 1996 and became a partner in the firm in 2004. His past experience with the firm has included survey and construction management / inspection responsibilities; he now holds the responsibility of Site Development Manager and lead engineer for site development projects. The focus of these projects is for the development of industrial and business parks, multi-use developments and long-term, multi-phase infrastructure improvement and building projects. He has extensive experience in working with both Federal and State funding agencies, including the US Department of Commerce, Economic Development Authority and the State of West Virginia Development Office.

REPRESENTATIVE PROJECTS

Mr. Riley is currently, or has served, as Project Manager for numerous economic development projects throughout the State of West Virginia. In this capacity, he holds ultimate responsibility for client communication, engineering design, funding issues, construction document preparation, bidding, and construction management.

SITE DEVELOPMENT PROJECTS:

- FAIRMONT STATE UNIVERSITY: 10-YEAR INFRASTRUCTURE IMPROVEMENTS PROJECT:
 - Utilities, Roadways, Sidewalks, Storm Drainage, Utility Relocation
 - Parking Garage
 - Falcon Center (Student Activity Center)
 - Bryant Place Dormitory
- RALEIGH COUNTY MEMORIAL AIRPORT INDUSTRIAL PARK
- McDOWELL COUNTY PRISON
- PINECREST BUSINESS AND TECHNOLOGY PARK –RALEIGH COUNTY, WV
- WOLF CREEK PARK “LIVE, WORK AND PLAY” COMMUNITY – FAYETTE COUNTY, WV
- CHARLES POINTE DEVELOPMENT – BRIDGEPORT, WV
 - Mass Grading, Roadways, Sidewalks, Utilities
 - Conference Center
- WOOD PRODUCTS INDUSTRIAL PARK – MINGO COUNTY, WV
- PUTNAM COUNTY INDUSTRIAL PARK
- BELINGTON INDUSTRIAL PARK – BARBOUR COUNTY, WV
- FEDERAL BUREAU OF PRISONS
 - Glenville Correctional Institute – Gilmer County, WV
 - Canaan U.S. Penitentiary / Federal Prison Camp

EDUCATION

FAIRMONT STATE UNIVERSITY – Bachelor of Science, Civil Engineering Technology

REGISTRATIONS

- Registered Professional Engineer, State of West Virginia
- Registered Professional Engineer, State of Maryland
- WVDOH Certified Concrete Technician
- WVDOH Certified Compaction Technician

AFFILIATIONS

- Fairmont State University Technology Advisory Committee

Mr. Baker serves Project Manager for numerous public and private architectural projects throughout the State of West Virginia. In this capacity, he holds responsibility for client communication, scheduling, construction document preparation, bidding, and construction management.

- Rahall Center at the Woodlands (Beckley, WV)
- Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- Pea Ridge Public Service District Service Building
- Mon Valley Bank (Bridgeport and Martinsburg, WV)
- Horizon Church, Lost Creek, WV
- Cortland Acres Medical Records Department, Thomas WV
- Oak Hill Police Station, Oak Hill, WV
- Glenville State Convocation Center, Glenville, WV
- Morgantown AES Credit Union, Morgantown, WV
- Elkins Hospice Center, Elkins, WV
- GSA/ Co-op Office, Martinsburg, WV
- GSA / Public Defenders Office, Martinsburg, WV

REPRESENTATIVE PROJECTS

Past Experience (Other Firms):

- Fieldcrest Hall Renovations, West Virginia University, Morgantown WV
- Grant Franklin Jr. M.D Office Building, Fairmont WV
- Bridgeport City Building, Bridgeport, WV
- Therapy Services, Morgantown, WV
- Uniontown Senior Housing Facility, Uniontown, PA
- Willowdale Mixed Use Facility, Morgantown, WV
- F.B.I Fingerprint Facility, Fairmont, WV
- Med Express Urgent Care, Morgantown, WV
- Mon Schools Foundation Bus Garage, Morgantown, WV
- Burroughs Street Senior Housing Facility, Morgantown, WV
- Texas Roadhouse Restaurants, Morgantown, Clarksburg WV & Greensburg, Washington PA

EDUCATION

Bachelor of Science—Architecture Engineering Fairmont State University

AFFILIATIONS

- American Institute of Architects- Associate

LEE O. GUSTAFSON, AIA LEAD ARCHITECT



Prior to joining Thrasher Engineering in 2005, Mr. Gustafson a sole-proprietorship firm specializing in educational and health care facilities. Additionally, he provides architectural services for military installations, apartment complexes, office buildings and structures associated with Thrasher Engineering's site development projects.

A graduate of the University of Cincinnati, Mr. Gustafson brings over thirty years of experience to the team, with over twenty-five of those years designing and managing projects throughout the State of West Virginia.

RESPRESENTATIVE PROJECTS

- Rahall Center at the Woodlands
- Lumberport Volunteer Fire Department
- Spelter Volunteer Fire Department
- Shenandoah Office Park (2 Multi-Story Office Buildings – Martinsburg, WV)
- Mon Valley Bank (Bridgeport , Fairmont and Martinsburg, WV)
- Horizon Church, Lost Creek, WV
- Cortland Acres Medical Records Department, Thomas WV
- S.T.A.R Training Facility, Parkersburg, WV
- Glenville State Convocation Center, Glenville, WV
- West Virginia University Eye Institute; New Construction
- West Virginia University Ruby Memorial Hospital; Renovations
- Salem International University Randolph Hall, ADA Compliance and Fire Code Upgrades
- Erickson Alumni Center; New Construction
- Horizon Church and Education Complex; New Construction
- United Hospital Center; Renovation, ADA Compliance and Fire Code Upgrades
- William R. Sharpe, Jr. Hospital; Renovation, ADA Compliance and Fire Code Upgrades
- Grant County Nursing Home; New Construction, Additions and Renovations
- Tucker County Senior Center, New Construction
- Harrison County Board of Education

EDUCATION

Bachelor of Science, Architecture, 1975 - University of Cincinnati

REGISTRATION

- American Institute of Architects (AIA), State of West Virginia
- Certification, National Council of Architectural Registration

AFFILIATIONS

- West Virginia Society of Architects
- A.I.A. Committee on Architecture for Education
- A.I.A. Committee on Architecture for Health Care
- A.I.A. Committee on Architecture for Justice

Mr. Gola joined Thrasher Engineering in 1998 and serves as Project Engineer for the firm. He is responsible for the structural aspects and engineering design for all of the firm's WVDOT/DOH projects, as well as airport, site development, road, sidewalk, storm water management and demolition projects. Mr. Gola also performs hydrology studies and analysis in conjunction with projects and is experienced as a project inspector.

Mr. Gola is a Summa Cum Laude graduate of West Virginia University's College of Engineering and Mineral Resources.

REPRESENTATIVE PROJECTS

- Project Engineer - Site Development
- Fairmont State University; Storm water Management Project / Roadways / Sidewalks / Retaining Walls / Parking
- City of Bridgeport; Old Bridgeport Hill Storm water Collection System Upgrade
- Harrison-Marion Regional Airport; 20-Year Master Plan and Projects Involved with that Plan
- Raleigh County Memorial Airport
 - o Master Plan Update and Various Projects Involved in that Plan
 - o Raleigh County Memorial Airport Industrial Park
- City of Mannington; Demolition
- City of Pleasant Valley; Sidewalks
- Greystone Development
- Appalachian Timber Asphalt Company
- WVDOT/DOH Projects
- South High Street Bridge; Inspection
- Elizabeth Bridge; Inspection
- I-279 North Bridgeport Bypass; Temporary Pollution Control
- Indian Fork Bridge; Design and Hydraulic Analysis
- Corridor H; Design of Roadway and Bridges
- Musselman High School; Turn Lane Design
- Verner Bridge Replacement; Design and Analysis
- Jakes Run Bridge
- King Coal Highway

EDUCATION

Bachelor of Science, Civil Engineering, 1998 (Summa Cum Laude)

West Virginia University College of Engineering and Mineral Resources

ADDITIONAL TRAINING

- Surveying; Transportation Technology
- Highway Engineering; Water Quality Management
- Hydrology, Fluid Mechanics, Soil Mechanics
- Material, Structural Analysis, Concrete Foundation, Steel Design

REGISTRATIONS

- Registered Professional Engineer, State of West Virginia

AFFILIATIONS

- American Society of Civil Engineers
- City of Mannington Code Enforcement Appeal Board
- National Society of Professional Engineers
- Society of Military Engineers

**AARON DENHAM, MANAGER OF CONSTRUCTION MGMT /
INSPECTION / MATERIALS TESTING**



Mr. Denham joined Thrasher Engineering in 2000 and serves as Manager of Materials Testing and Inspection for the firm. He is responsible for quality control of materials and compaction testing for numerous federal, state and private projects, in addition to the field and laboratory testing. Thrasher Engineering's two materials testing laboratories are under Mr. Denham's supervision, as well. Additionally, he has managed both Quality Control and Quality Assurance Programs for many structural and federal aviation construction projects. Mr. Denham's staff includes over 30 project representatives and inspectors.

REPRESENTATIVE PROJECTS

STRUCTURES:

- Ruby Memorial Hospital
- Fairmont State University; Parking Garage, Activity Center, Student Dormitory
- American Woodmark; Plant Facility
- Institute for Software Research
- I-68 Welcome Center
- Coopers Rock Weigh Station
- Airport Authority Metal Equipment Storage Building; Lead Inspector & Testing
- Health Science Learning Center
- WV National Cemetery Expansion
- Institute for Scientific Research
- I-68 Welcome Center
- Stockmeier Urethanes

SITE DEVELOPMENT PROJECTS:

- Raleigh County Memorial Airport Industrial Park
- Fairmont State University: Utilities, Roadways, Sidewalks, Storm Drainage, Utility Relocation
- Robert C. Byrd Industrial Park – Hardy County, WV
- Kulseth Industrial Park – Marion County, WV
- I-79 Industrial Park – Marion County, WV
- Webster County Industrial Park
- Mingo County Industrial Park
- Putnam County Industrial Park

EDUCATION

B.S. Civil Engineering Technology, 1999 – Fairmont State University

REGISTRATIONS / CERTIFICATIONS

- WVDOH Compaction Inspector
- WVDOH Aggregate Technician/Inspector
- WVDOH Bituminous Inspector/Technician
- WVDOH Radiation Safety
- Troxler Basic Safety – Nuclear Compaction Gauge
- WVDOH Concrete Inspector/Technician
- WVDOH Aggregate Sampling Inspector

HE Harper Engineering

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JASON E. HARPER, PE, LEED

(304)-541-1390
jason@harperengwv.com

EDUCATION

- West Virginia University Institute of Technology Montgomery, WV
Bachelor of Science-Mechanical Engineering**

REGISTRATIONS/PROFESSIONAL AFFILIATIONS

- WV Licensed Professional Engineer**
- ASHRAE**

EXPERIENCE

Jason E. Harper, PE brings 5 years design experience to our firm. He has experience with HVAC and piping design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

REPRESENTATIVE PROJECTS

Summersville Readiness Center

Independence High School HVAC

Lewisburg Readiness Center

Liberty High School HVAC

WVARNG Fire Station

Grafton High School Addition

Mylan Pharmaceuticals Expansion

Robert Byrd Health Science Center

Raleigh Co. 911 Center

TMH MRI Addition- Ashton Place

RELATED PRIOR EXPERIENCE

As stated previously, Thrasher's experience cuts across a broad spectrum of sizes and clients. To best demonstrate how our experience best meets the needs of the West Virginia Army National Guard, we have focused our examples (included later in this qualifications statement) on projects involving civil and structural engineering, pre-engineered buildings, architectural design and construction management that will have comparable services required to successfully complete the Division's project.

The projects included for review include Horizons Church & Education Complex, Pea Ridge Public Service District, Mountaineer Food Bank, Spelter Volunteer Fire Department, Lumberport Volunteer Fire Department, Dominion Resources and North Central West Virginia Airport AARF Building.

CONCLUSION

Thrasher Engineering's philosophy of "*Successful Projects, Repeat Clientele*" is founded on the principle of client satisfaction and repeat business. We do what it takes to assure satisfaction and to ensure project success, and want to continue to work with the **West Virginia Army National Guard** to provide the necessary architectural and engineering services to your infrastructure.

HORIZONS CHURCH & EDUCATION COMPLEX, LOST CREEK, WV

This project encompassed the design of a new 26,000 square foot pre-engineered metal and masonry building for the Horizons Church, with 12,000 square feet for the 800 seat sanctuary and 14,000 for the Educational and Fellowship Wing. This includes classrooms, the Youth Recreation Center, a kitchen, a dining/café area, meeting rooms, a nursery, rest rooms, and the Youth Worship Center. The sanctuary and stage are fully equipped for a wide variety of multi-media productions.

Construction has just been completed for a new 22,000 square foot pre-engineered metal and masonry building addition.

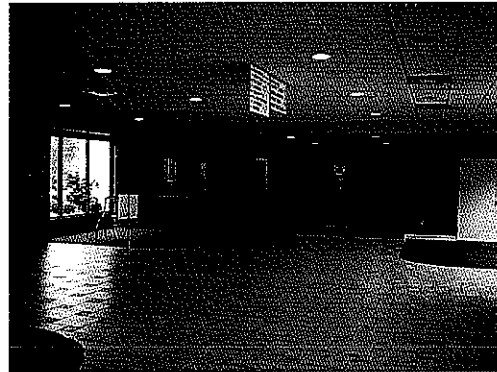
Client:
Horizons Church Complex

Location:
Rt 25 & Mount Clare Road
Lost Creek, WV 26385

Phone: (304) 745-5090

Budget:
\$3,000,000

Building Size:
48,000 Square Feet





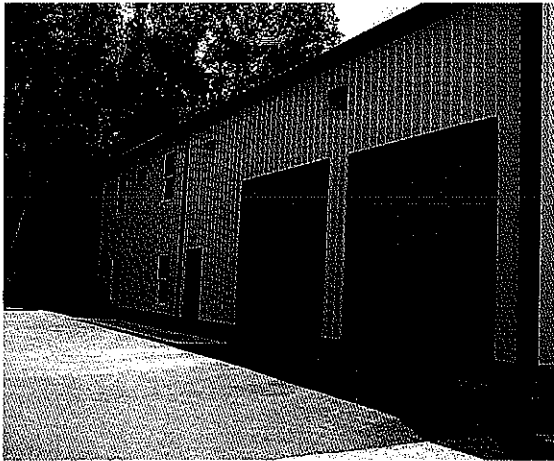
Administration Office

Scope of Services:

- Civil and structural engineering, architectural and interior design and construction oversight for a 2,624 Square foot administration and customer service building for the Pea Ridge Public Service District.
- Building design was masonry with metal roof.
- Interior included customer service area with payment window, administrative offices, break room with built-in cabinetry, conference room and restrooms.

Engineer's Construction Estimate: \$315,000

Construction Cost Low Bid: \$319,000.00



Service Building Extension

Scope of Services:

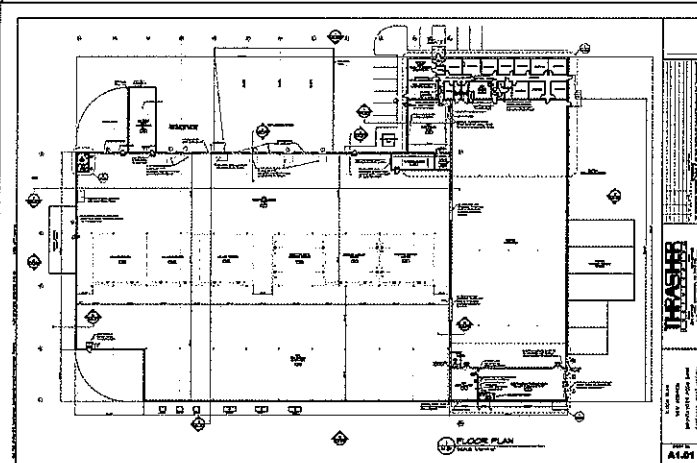
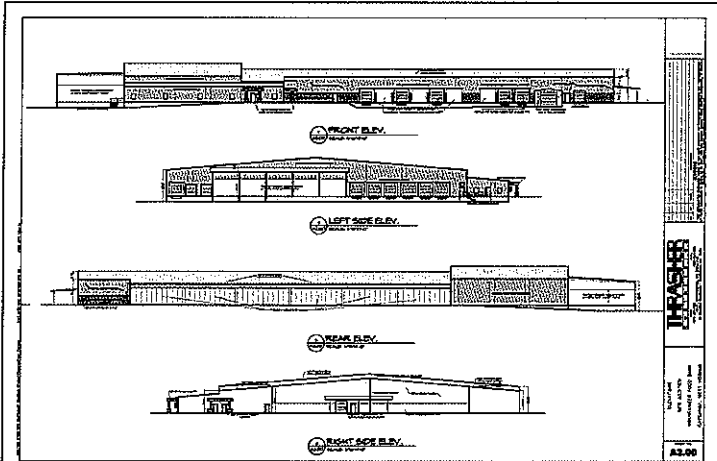
Civil and structural engineering, architectural and interior design and construction oversight for a 10,000 Square foot pre-engineered wood service building. The contract specification included all associated site utility construction including electrical, sewer, water, and telephone/data as well as replacement of roof on existing garage facility to match the new building.

Engineer's Construction Estimate: \$927,000.00

Construction Cost Low Bid: \$635,000.00



MOUNTAINEER FOOD BANK

**Client:**

Mountaineer Food Bank
484 Enterprise Drive
Gassaway, WV 26624

Contact:

Carla Nardella

Project Status:

In Design

Slated to start Construction March 2011

Building Size:

Warehouse: 36,000 Square Feet

Coolers / Freezers: 10,000 Square Feet

The Mountaineer Food Bank requested services for a facility expansion project. Thrasher Engineering is nearly tripling the size of their existing facility by adding more warehouse space. TEI is also creating additional cooler and freezer space of 10,000 square feet. The building is a pre-engineered steel frame structure with masonry accents. Five additional loading docks were added along with a vehicle service bay for providing maintenance on their fleet vehicles.

Scope of Services: This project includes preliminary plans and costs, preparation of construction plans and specifications for bidding, participation in the evaluation of bids received, and monitoring and inspection of construction activities to insure compliance with plans and specifications.

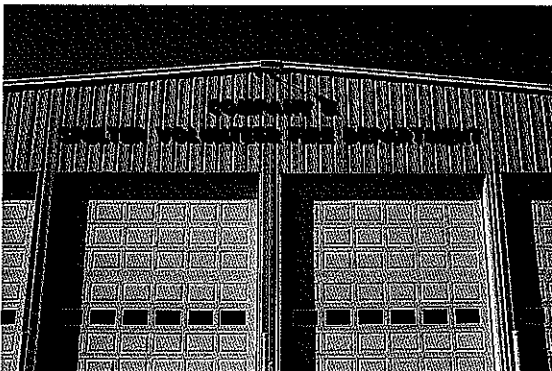
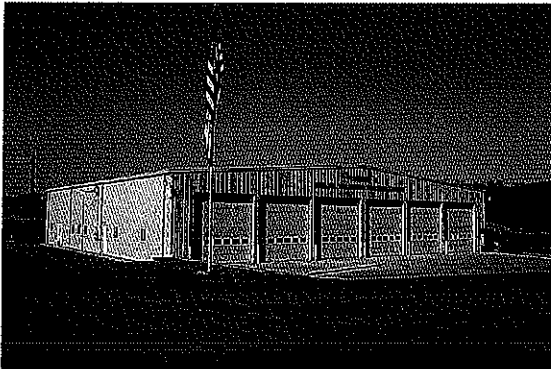
This project is scheduled to break ground in the summer of 2011.

SPELTER VOLUNTEER FIRE DEPARTMENT, SPELTER, WV

Scope of Services:

This project consists of designing the new Spelter Volunteer Fire Department Building. This building is a 10,000 sq. foot pre-engineered metal building. The scope of services provided for this project includes interior drawings and detailing.

Features and amenities of this building include six-vehicle garage to store fire rescue vehicles, apparatus storage, facilities and a community room.



Client:

Spelter Volunteer Fire Department
55 B Street Spelter, WV 26438

Phone: 304-622-8256

Location:

Harrison County, WV

Project Cost:

\$360,000

Building Size:

10,000 Square Feet

LUMBERPORT VOLUNTEER FIRE DEPARTMENT / COMMUNITY BUILDING

**Client:**

Lumberport, West Virginia
Lumberport Volunteer Fire Depart.
315 Main Street
Lumberport, WV 26386
(304) 584-4721

Wilbur Cook - Chief

Building Size:

6,260 Square Feet

This project consisted of planning, schematic design and development of contract and bidding documents for the new Lumberport Volunteer Fire Department building. Interior drawings and detailing were also included

This facility is a 6,260 square foot masonry and wood frame structure sitting on .26 acres. Features of this building include a 2,800 square foot garage and apparatus storage room. Amenities of this building include a bunk room, locker room, showers, cascade room offices and a recreation/meeting room used for community gatherings.



DOMINION RESOURCES – CLARKSBURG, WV

Administration Office and Warehouse

Scope of Services:

- Civil and structural engineering, architectural and interior design and construction oversight for a 3,200 Square foot administration and warehouse facility
- Building design was pre-engineered metal
- Interior includes offices, garage bays, storage areas and restrooms.
- Engineer's Construction Estimate: \$162,000.00**
- Construction Cost Low Bid: \$155,174.00**
- The project is complete.**

Client:

Dominion

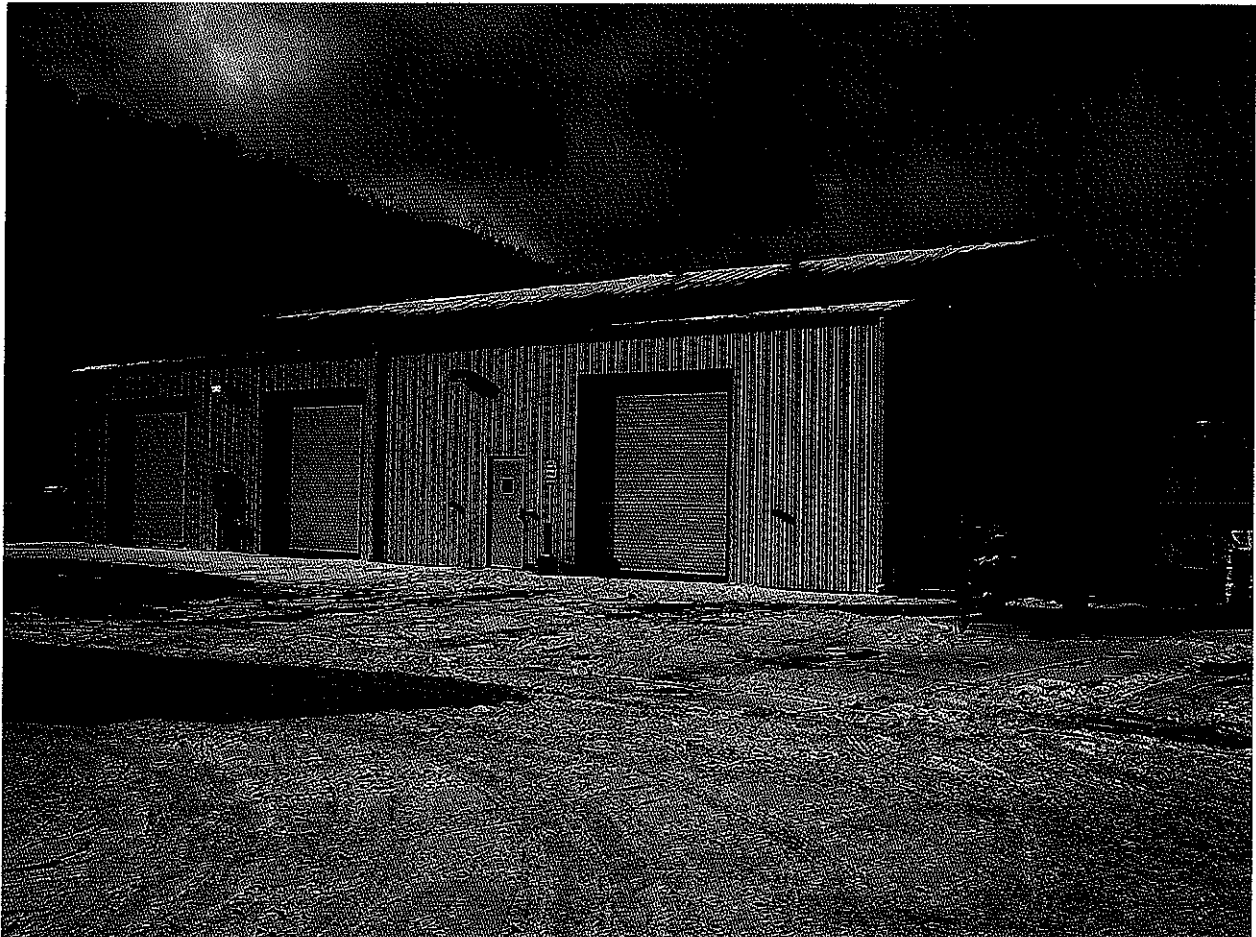
Warren Green

Dominion Resources Services Inc.

445 West Main Street

Clarksburg, WV 26301

Phone: (304) 669-4360



NORTH CENTRAL WEST VIRGINIA AIRPORT / BENEDUM AIRPORT AUTHORITY – AARF BUILDING

In 2006, TEI completed a 1.3 million dollar project consisting of site development work and the construction of an ARFF building at North Central West Virginia Regional Airport. The 8400 sq. ft. building houses two snow plows, a snow broom, a snow blower and a fire truck.

PROJECT OWNER'S INFORMATION –

**NORTH CENTRAL WV REGIONAL AIRPORT / BENEDUM
AIRPORT AUTHORITY
MR. RICK ROCK, ACTING GENERAL MANAGER
TELEPHONE NUMBER: 304-842-3200**

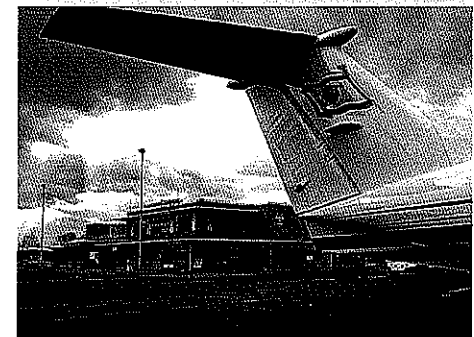
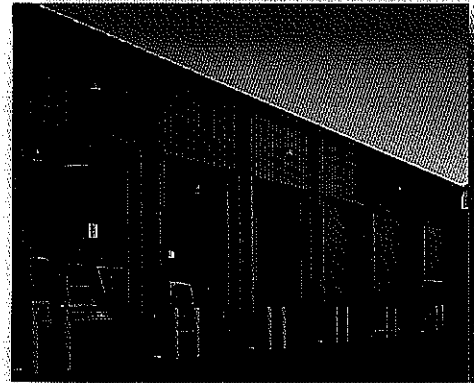
ADDITIONAL NORTH CENTRAL WEST VIRGINIA AIRPORT PROJECTS

NORTH CENTRAL WEST VIRGINIA AIRPORT 20-YEAR MASTER PLAN

AIP Project #3-54-0005-2301 –Thrasher Engineering has served as the Engineer for the North Central West Virginia Airport (formerly Harrison -Marion Regional Airport / Benedum Airport) for over seven years. The working team relationship we have established has allowed for on-going improvements to the facility.

The Development of this Plan Included:

- **Inventory of Existing Facilities**
- **Historic Data and Projections for Aviation Demand**
- **Demographic Trends**
- **Commercial Service Industry Trends**
- **Aviation Forecasts**
- **Demand / Capacity Analysis**
- **Accommodation Requirements**
- **Alternatives and Planned Layout**



REFERENCES

Thrasher Engineering has provided the highest level of technical expertise and customer service to clients throughout the state for 27 years. The majority of the firm's clients have used the firm for numerous projects over the years, adding credence to the firm's philosophy of "**Successful Projects, Repeat Clientele.**" The following references are some you may be very familiar with, while others are long-term clients we invite you to contact to learn more about our commitment to our clients.

- **Mayor Bill Hannabass** (304) 465-1992
Mayor of Oak Hill, WV
Oak Hill Police Station
- **Ms. Judy Radford** (304) 254-8115
Executive Director
4-C Economic Development Authority
Beckley, West Virginia
- **Mon Valley Bank**
Bridgeport Branch Office
Larry Mazza – Manager (304) 842-6700
- **Fayette County Commission**
Commissioner Ken Eskew (304) 574-1203
Mr. Dave Pollard
- **Fairmont State University**
Jim Decker, Construction Manager (304) 367-4861
Fairmont, WV
- **State of West Virginia Fire Commission**
Mr. Edsil Smith, Fire Marshall (304) 588-2191