

# Hornor

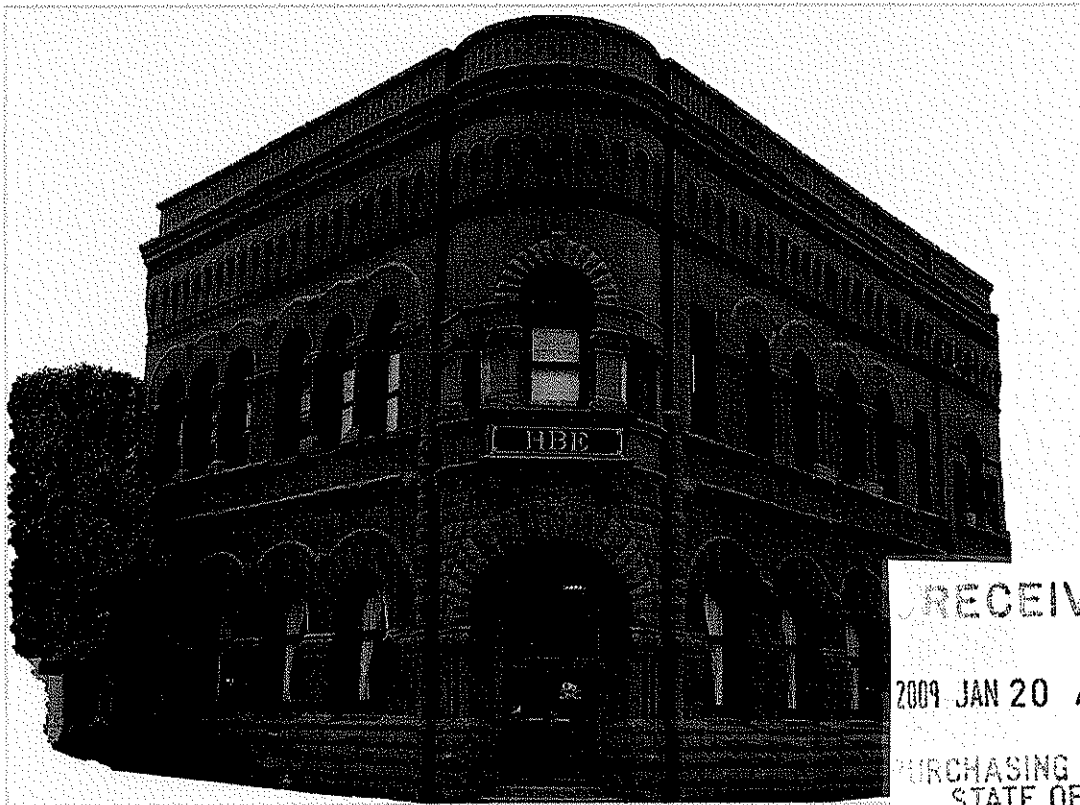
*Since  
1902*

# Bros. Engineers

Civil, Environmental and Consulting Engineering

140 S. Third Street • P.O. Box 386 • Clarksburg, West Virginia 26302  
Phone (304) 624-6445 • Fax (304) 624-6448 • E-Mail: Eng@HBE1902.com • www.HornorBrosEng.com

1902    *107 YEARS OF ENGINEERING EXCELLENCE*    2009



**EXPRESSION OF INTEREST  
BROWNTON (MCCORD)  
LANDSLIDE DESIGN**

**Buyer CB-23, Requisition #DEP 14515**

**Opening Date: 01/21/2009, Opening Time: 1:30**

# Hornor

Since  
1902 **Bros. Engineers**

*Civil, Environmental and Consulting Engineering*

Post Office Box 386 • Clarksburg, West Virginia 26302 • (304) 624-6445 • Fax (304) 624-6448 • www.HornorBrosEng.com

January 16, 2009

**VIA FEDERAL EXPRESS**

304-558-2157

Environmental Protection Department of  
Office of AML&R  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304

c/o Department of Administration  
Purchasing Division  
Attention: Chuck Bowman  
2019 Washington Street East, Bldg. 15  
P.O. Box 50130  
Charleston, WV 25305-0130

**RE: Expression of Interest  
RFQ #DEP 14515  
Brownnton (McCord) Landslide Design  
Barbour County, WV**

Dear Mr. Bowman:

Hornor Brothers Engineers is pleased to provide this response to your RFQ for professional engineering services for the referenced project. Attached are one original, one convenience copy and one copy on a CD. Hornor Brothers Engineers is a full service civil engineering and survey firm that has been in continual business for over 100 years. Our firm is experienced in designs for site development, grading and drainage which are the key elements of this project.

In September 2008 we completed the design and participated in the pre-construction conference for the Stanley Subsidence II AML Enhancement project in Harrison County for which we were the designers of record. We worked closely on that project with personnel from the AML office in Philippi, as well as Danny Pritt in Charleston. We are interested in expanding our practice into more of the AML reclamation projects, especially those near our office in Clarksburg. The referenced project is located approximately 20 miles from our office, and we have visited the site.

If there is a need for sub-surface investigation, we would propose to use NGE, formerly known as Novel Geo-Environmental, as our geotechnical subconsultant. They are well known to the AML office, having performed geotechnical services on many projects throughout the state.

Mr. Chuck Bowman  
Department of Administration  
Purchasing Division  
January 16, 2009  
Page 2

If selected for the project, we would be able to begin work immediately. We appreciate your consideration of our qualifications and look forward to the opportunity to work with the West Virginia Department of Environmental Protection on this important project.

If you should have any questions about the information provided, please let me know.

Yours truly,

HORNOR BROTHERS ENGINEERS

A handwritten signature in black ink, appearing to read "Trey Hornor". The signature is written in a cursive style with a large, sweeping initial "T".

Trey Hornor, P.E.  
PRESIDENT

TH:jmw  
Enclosure  
File: Proposals, WVDEP, AML, Brownnton Landslide Design



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  
**DEP14515**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**CHUCK BOWMAN**  
**304-558-2157**

**RFQ COPY**  
**TYPE NAME/ADDRESS HERE**

Hornor Brothers Engineers  
 P.O. Box 386  
 Clarksburg, WV 26302-0386

**ENVIRONMENTAL PROTECTION**  
**DEPARTMENT OF**  
**OFFICE OF AML&R**  
**601 57TH STREET SE**  
**CHARLESTON, WV**  
**25304**      **304-926-0499**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
12/17/2008				

BID OPENING DATE: **01/21/2009**      BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-29		
<p><b>BROWNTON (MCCORD) LANDSLIDE DESIGN</b></p> <p><b>EXPRESSION OF INTEREST</b></p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ENGINEERING DESIGN SERVICES AND CONSTRUCTION MONITORING SERVICES AT THE BROWNTON (MCCORD) LANDSLIDE PROJECT IN BARBOUR COUNTY, WV, PER THE FOLLOWING BID REQUIREMENTS AND ATTACHED SPECIFICATIONS.</p> <p><b>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID AND IS TERMINATED WITHOUT FURTHER ORDER.</b></p> <p>***** THIS IS THE END OF RFQ DEP14515 ***** TOTAL: _____</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Paul A. Hornor*      TELEPHONE: 304-624-6445      DATE: January 15, 2009  
 TITLE: President      FERN: 55 01917150      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. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. 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.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this Contract may be deemed null and void, and terminated without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) 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.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** 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. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** 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

Revised September 26, 2008

**EXPRESSION OF INTEREST**  
**BROWNTON (McCord) LANDSLIDE**  
**Requisition #DEP14515**

**Part 1**                      **GENERAL INFORMATION**

**1.1 Purpose:**

The Acquisition and Contract Administration Section of the Purchasing Division "State" is soliciting Expression(s) of Interest (EOI) for the West Virginia Department of Environmental Protection (WVDEP), Office of Abandoned Mine Lands & Reclamation (AML), from qualified firms to provide architectural/engineering services as defined in section two (2) and three (3) and construction monitoring services during the construction phase of the project as defined by the **Scope of Work**. Construction Inspection by the firm will be at the option of WVDEP/AML.

**1.2 Project:**

The mission or purpose of the project described in sections 2 & 3 is to provide design services for the following:

**Brownton (McCord) Landslide:**

Install wet mine seals at portal locations.

Install conveyance pipes, culverts and channels.

Relocate and grade displaced material from slide.

Regrade, condition, reforest and revegetate all areas disturbed during construction.

**1.3 Format:**

All responses should be submitted in a loose-leaf, three ring binder. The response should be presented in concise format which defines the corporation history and the experience, qualifications, and performance data of the firm's staff as requested by the AML Consultant Qualification Questionnaire (CQQ), Attachment "B" and the AML and Related Project Experience Matrix (RPEM). Attachment "C".

Electronic copies of the above referenced documents Attachment "B" and Attachment "C" are available online for registered vendors at: <http://www.state.wv.us/admin/purchase/newbul.htm>.

**1.4 Inquiries:**

Additional information inquiries regarding this EOI must be submitted in writing to the State Buyer with the exception of questions regarding proposal submission, which may be oral. The deadline for written inquiries is identified in the Schedule of Events, Section 1.16. All inquiries of specification clarification must be addressed to:

Chuck Bowman, Buyer  
Purchasing Division  
P.O. Box 50130  
Charleston, WV 25305-0130  
Fax: (304) 558-4115  
Email: charles.a.bowmanjr@wv.gov

The firm, or anyone on the firm's behalf, is not permitted to make any contact whatsoever with any member of the evaluation committee. Violation may result in rejection of the EOI. The State Buyer named above is the sole contact for any and all inquiries after this EOI has been released.

**1.5 Vendor Registration:**

Firms participating in this process should complete and file a *Vendor Registration and Disclosure Statement* (Form WV-1) and remit the registration fee. Firm is not required to be a registered vendor in order to submit an EOI, but the **successful firm must register and pay the fee prior to the issuance of an actual contract.**

**1.6 Oral Statements and Commitments:**

Firm must clearly understand that any verbal representations made or assumed to be made during any oral discussions held between firm's representatives and any State personnel are **not binding.** Only the information issued in writing and added to the Expression of Interest specifications file by an official written addendum is binding.

**1.7 Economy of Preparation:**

EOI's should be prepared simply and economically, providing a straightforward, concise description of firm's abilities to satisfy the

requirements of the EOI. Emphasis should be placed on completeness and clarity of content. Example projects referred to in a firm's EOI's submittal should address projects that are similar in scope to that of the EOI. **Firms must complete the CQQ and RPEM as included in Section 4.2 of this EOI. (Proposals must be no more than 100 pages).**

**1.8 Labeling of the Sections:** The response sections should be labeled for ease of evaluation.

**1.9 Submission:**

1.9.1 State law requires that the original expression shall be submitted to the Purchasing Division. All copies to the Purchasing Division must be submitted **prior** to the date and time stipulated as the opening date. All expressions will be date and time stamped on the Purchasing Division official time clock to verify time and date of receipt.

1.9.2 Firms mailing expressions should allow sufficient time for mail delivery to ensure timely arrival. The Purchasing Division **CANNOT** waive or excuse late receipt of an expression which is delayed and late for any reason according West Virginia State Code §5A-3-11. Any EOI received after the bid opening time and date will be immediately disqualified in accordance with State law and the Legislative Rule 148-CSR-1.

**Submit:**

One original plus one convenience copy and one copy on CD to:

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

The outside of the envelope or package(s) should be clearly marked:

Buyer: CB-23  
Req #: DEP14515  
Opening Date: 01/21/2009  
Opening Time: 1:30 pm

**1.10 Rejection of Expressions:**

The State shall select the best value solution according to §5G-1-3 of the West Virginia State Code. However, the State reserves the right to accept or reject any or all expressions and to reserve the right to withdraw this



Expression of Interest at any time and for any reason. Submission of, or receipt by the State of Expressions confers no rights upon the firm nor obligates the State in any manner.

**1.11 Incurring Costs:**

The State and any of its employees or officers shall not be held liable for any expenses incurred by any firm responding to this EOI for expenses to prepare, deliver, or to attend the short-list interviews.

**1.12 Addenda:**

If it becomes necessary to revise any part of this EOI, an official written addendum will be issued by the State to all potential firms of record.

**1.13 Independent Price Determination:**

A contract will not be considered for award if the negotiated price was not arrived at independently without collusion, consultation, communication, or agreement as to any matter relating to prices with any competitor.

**1.14 Price Quotations:** No "price" or "fee" quotation is requested or permitted in the response.

**1.15 Public Record:**

**1.15.1 Submissions are Public Record.**

All documents submitted to the State Purchasing Division related to purchase orders/contracts are considered public records. All EOIs submitted by firms shall become public information and are available for inspection during normal official business hours in the Purchasing Division Records and Distribution center after the expressions have been opened.

**1.15.2 Written Release of Information.**

All public information may be released with or without a Freedom of Information request, however, only a written request will be acted upon with duplication fees paid in advance. Duplication fees shall apply to all requests for copies of any document. Currently the fees are \$0.50/page, or a minimum of \$10.00 per request, whichever is greater.

**1.15.3 Risk of Disclosure.**

The only exemptions to disclosure of information are listed in West Virginia Code §29B-1-4. Primarily, only trade secrets as submitted by a firm are the only exemption to public disclosure. The submission of any information to

the State by a firm puts the risk of disclosure on the firm. The submission of any information to the State by a vendor puts the risk of disclosure on the vendor. The State does not guarantee non-disclosure of any information to the public.

**1.16 Schedule of Events:**

Release of EOI..... 12/18/2008  
EOI Opening Date..... 01/21/2009

**1.17 Mandatory Pre-bid Conference:**

Not applicable

**1.18 Bond Requirements:**

Not applicable

**1.19 Purchasing Affidavit:**

West Virginia State Code §5A-3-10a (3) (d) requires that all firms submit an Affidavit regarding any debt owed to the State and licensing and confidentiality certifications. The Affidavit must be signed and submitted prior to award. It is preferred that the Affidavit be submitted with the EOI.

**PART 2**

**OPERATING ENVIRONMENT**

**2.1 Location:**

**Directions to Brownton (McCord) Landslide:**

From Philippi travel on 119 north to 76. Turn left on to 76 and travel along 76 through Galloway. Turn left on to CR-16 and travel 1.4 miles passing through Brownton to Pepper Road / CR16-2. Turn left on to Pepper Road / CR16-2 and travel .45 miles to Lloyd McCords driveway on the right. The slide is located on the hill to the South West of Mr. McCord's ho use.

Location Map is attached (Attachment A1).

**2.2 Background:**

Firms are to be licensed Architectural/Engineering Firms (A/E) and should be familiar with, and have a successful track record of design of similar projects. The anticipated contract will be for "full-service" A/E design. Aspects of the design are to include, but not be limited to, Civil, Structural, Geological and Hydrological.

The successful A/E will be responsible for **Design** of the following:

**Brownton (McCord) Landslide:**

Landslide caused by the lubricating effects of mine drainage has adversely impacted a portion of Mr. McCord's pasture. Drainage from the former (Glory Mining Company) deep mine surfaces near the upper edges of the slide (Eastern and Western edges of scarp), then flows onto the area below. Flow is approximately 2-3 gpm. The lower section was covered with wetland plants and saturated with water. The scarp was 4-5 feet in height and the bulge at the toe was similar in extent. Mr. McCord relies on his farm and its productivity as a primary source of income. Having a portion of it damaged and essentially unusable lowers his income potential. He would like the slide repaired so the land can again become productive.

Preliminary design documents will be due 60 days from the issuance of the Purchase Order.

**PART 3                    PROCUREMENT SPECIFICATIONS**

**3.1    General Requirements:**

Firm must submit a completed CQQ (Attachment "B") and RPEM (Attachment "C") as per Section 4.2

**3.2    Project Description:**

**Scope of Work (Brownton (McCord) Landslide):**

Install wet mine seals at portals locations.

Install conveyance pipes, culverts and channels.

Relocate and grade displaced material from slide.

Regrade, condition, reforest and revegetate all areas disturbed during construction.

**3.3    Special Terms and Conditions:**

3.3.1    *Bid and Performance Bonds:* Not Applicable

3.3.2 *Insurance Requirements:* \$1,000,000 Professional Liability with the WVDEP listed as additional insured. # DEP14515 must be listed on Insurance Certificate.

3.3.3 License Requirements: Workers Compensation Certificate upon award.

**3.4 General Terms and Conditions:**

By signing and submitting the EOI, the successful firm agrees to be bound by all the terms contained in Section Three (3) of this EOI.

**3.4.1 Conflict of Interest:**

Firm affirms that it, its officers or members or employees presently have no interest and shall not acquire any interest, direct or indirect which would conflict or compromise in any manner or degree with the performance or its services hereunder. The firm further covenants that in the performance of the contract, the firm shall periodically inquire of its officers, members and employees concerning such interests. Any such interests discovered shall be promptly presented in detail to the Agency.

**3.4.2 Prohibition Against Gratuities:**

Firm warrants that it has not employed any company or person other than a bona fide employee working solely for the firm or a company regularly employed as its marketing agent to solicit or secure the contract and that it has not paid or agreed to pay any company or person any fee, commission, percentage, brokerage fee, gifts or any other consideration contingent upon or resulting from the award of the contract. For breach or violation of this warranty, the State shall have the right to annul this contract without liability at its discretion, and/or to pursue any other remedies available under this contract or by law.

**3.4.3 Certifications Related to Lobbying:**

Firm certifies that no federal appropriated funds have been paid or will be paid, by or on behalf of the company or an employee thereof, to any person for purposes of influencing or attempting to influence an officer or employee of any Federal entity, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan, or cooperative agreement.

If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee or any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the firm shall complete and submit a disclosure form to report the lobbying.

Firm agrees that this language of certification shall be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub recipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this contract was made and entered into.

*3.4.4 Vendor Relationship:*

The relationship of the firm to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by the parties to this contract. The firm as an independent contractor is solely liable for the acts and omissions of its employees and agents.

Firm shall be responsible for selecting, supervising and compensating all individuals employed pursuant to the terms of this EOI and resulting contract. Neither the firm nor any employees or contractors of the firm shall be deemed to be employees of the State for any purposes whatsoever.

The Firm shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension or other deferred compensation plans, including but not limited to Workers' Compensation and Social Security obligations, and licensing fees, etc. and the filing of all necessary documents, forms and returns pertinent to all of the foregoing.

The Firm shall hold harmless the State, and shall provide the State and Agency with a defense against all claims including but not limited to the foregoing payments, withholdings, contributions, taxes, social security taxes and employer income tax returns.

The firm shall not assign, convey, transfer or delegate any of its responsibilities and obligations under this contract to any person,

corporation, partnership, association or entity without expressed written consent of the Agency.

**3.4.5 Indemnification:**

The firm agrees to indemnify, defend and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person or firm performing or supplying services, materials or supplies in connection with the performance of the contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the firm, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use or disposition of any data used under the contract in a manner not authorized by the contract, or by Federal or State statutes or regulations; (3) Any failure of the firm, its officers, employees or subcontractors to observe State and Federal laws, including but not limited to labor and wage laws.

**3.4.6 Contract Provisions:**

After the most qualified firm is identified, and fee negotiations are concluded, a formal contract document will be executed between the State and the firm. The order of precedence is the contract, the EOI and the firm's response to the EOI.

**3.4.7 Governing Law:**

This contract shall be governed by the laws of the State of West Virginia. The firm further agrees to comply with the Civil Rights Act of 1964 and all other applicable laws (Federal, State or Local Government) regulations.

**3.4.8 Compliance with Laws and Regulations:**

The firm shall procure all necessary permits and licenses to comply with all applicable laws, Federal, State or municipal, along with all regulations, and ordinances of any regulating body.

The firm shall pay any applicable sales, use, or personal property taxes arising out of this contract and the transactions contemplated thereby. Any other taxes levied upon this contract, the transaction, or the equipment, or services delivered pursuant here to shall be borne by the contractor. It is clearly understood that the State of West Virginia is exempt from any taxes regarding performance of the scope of work of this contract.

**3.4.9 Subcontracts/Joint Ventures:**

The State will consider the firm to be the sole point of contact with regard to all contractual matters. The firm may, with the prior written consent of the State, enter into written subcontracts for performance of work under this contract; however, the firm is totally responsible for payment of all subcontractors.

**3.4.10 Term of Contract:**

This contract will be effective (date set upon award) and shall extend until the scope of work is complete or for one (1) consecutive twelve (12) month period. The contract may be renewed upon mutual consent for two (2) consecutive years one (1) year periods or until such reasonable time as may be necessary to obtain a new contract or to complete work.

**3.4.11 Non-Appropriation of Funds:**

If the Agency is not allotted funds in any succeeding fiscal year for the continued use of the service covered by this contract by the West Virginia Legislature, the Agency may terminate the contract at the end of the affected current fiscal period without further charge or penalty. The Agency shall give the firm written notice of such non-allocation of funds as soon as possible after the Agency receives notice. No penalty shall accrue to the Agency in the event this provision is exercised.

**3.4.12 Contract Termination:**

The State may terminate any contract resulting from this EOI immediately at any time the firm fails to carry out its responsibilities or to make substantial progress under the terms of this EOI and resulting contract. The State shall provide the firm with advance notice of performance conditions, which are endangering the contract's continuation. If after such notice the firm fails to remedy the conditions contained in the notice, within the time contained in the notice, the State shall issue the firm an order to cease and desist all work immediately.

The State shall be obligated only for services rendered and accepted prior to the date of the notice of termination. The contract may also be terminated upon mutual agreement of the parties with thirty (30) days prior notice.

**3.4.13 Changes:**

If changes to the original contract become necessary, a formal contract change order will be required. Prior to any work being performed, the change must be negotiated and approved by the State, the Agency and the firm. An

approved contract change order is defined as one approved by the Purchasing Division and approved as to form by the West Virginia Attorney General's Office prior to the effective date of such amendment. **NO CHANGE SHALL BE IMPLEMENTED BY THE FIRM UNTIL THE FIRM RECEIVES AN APPROVED WRITTEN CHANGE ORDER.**

**3.4.14 *Invoices, Progress Payments, & Retainage:***

The Firm shall submit invoices, in arrears, to the Agency at the address on the face of the purchase order labeled "Invoice To" pursuant to the terms of the contract. Progress payments may be made at the option of the Agency based on percentage of work completed if so defined in the final contract. Any provision for progress payments must also include language for a minimum 10% retainage until the final deliverable is accepted.

If progress payments are permitted, firm is required to identify points in the work plan at which compensation would be appropriate. Progress reports must be submitted to Agency with the invoice detailing progress completed or any deliverables identified. Payment will be made only upon approval of acceptable progress or deliverables as documented in the firm's report. Invoices may not be submitted more than once monthly and State law forbids payment of invoices prior to receipt of services.

*The firm will invoice for completed work on an approved WVDEP form.*

**3.4.15 *Liquidated Damages:***

According to West Virginia State Code §5A-3-4(8), firm agrees that liquidated damages shall be imposed at the rate of N/A per workday, for failure to provide deliverables at the agreed upon date identified in the final contract. This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue to any other additional remedy to which the State or Agency may have legal cause for action including further damages against the firm.

**3.4.16 *Record Retention (Access & Confidentiality):***

Firm shall comply with all applicable Federal and State of West Virginia rules and regulations, and requirements governing the maintenance of documentation to verify any cost of services or commodities rendered under this contract by the firm. The firm shall maintain such records a minimum of five (5) years and make available all records to Agency personnel at firm's location during normal business hours upon written request by Agency within 10 days after receipt of the request.



Firm shall have access to private and confidential data maintained by Agency to the extent required for firm to carry out the duties and responsibilities defined in this contract. Firm agrees to maintain confidentiality and security of the data made available and shall indemnify and hold harmless the State and Agency against any and all claims brought by any party attributed to actions of breach of confidentiality by the firm, subcontractors, or individuals permitted access by the firm.

#### **PART 4                    EVALUATION & AWARD**

##### **4.1    Evaluation and Award Process:**

- a)    Expressions of Interest will be evaluated and awarded in accordance with §5G-1-3 "Contracts for architectural and engineering services; selection process where total project costs are estimated to cost two hundred fifty thousand dollars or more."

"In the procurement of architectural and engineering services for projects estimated to cost two hundred and fifty thousand dollars or more the director of purchasing shall encourage such firms engaged in the lawful practice of the profession to submit an expression of interest, which shall include a statement of qualifications, and performance data and may include anticipated concepts and proposed methods of approach to the project. All such jobs shall be announced by public notice published as a Class II legal advertisement in compliance with the provisions of article three [§59-3-1et seq.] A committee comprised of three to five representatives of the agency initiating the request shall evaluate the statements of qualifications and performance data and other material submitted by the interested firms and select three firms which in their opinion are the best qualified to perform the desired service. Interviews with each firm selected shall be conducted and the committee shall conduct discussions regarding anticipated concepts and the proposed methods of approach to the assignment. The committee shall then rank in order of preference no less than three professional firms deemed to be the most highly qualified to provide the services required, and shall commence scope of service and price negotiations with the highest qualified professional firm for architectural or engineering services or both. Should the agency be unable to negotiate a satisfactory contract with the professional firm considered to be the most

qualified, at a fee determined to be fair and reasonable, price negotiations with the firm of second choice shall commence. Failing accord with the second most qualified professional firm, the committee shall undertake price negotiations with the third most qualified professional firm. Should the agency be unable to negotiate a satisfactory contract with any of the selected professional firms, it shall select additional professional firms in order of their competence and qualifications and it shall continue negotiations in accordance with this section until an agreement is reached."

b) The evaluation criteria and assigned point values are as follows:

- A. WV Registered Professional Engineers (Civil or Mining)  
In the Primary Office: 20 points
  
- B. Reclamation Engineering design experience of the Primary Office's WVRPE as it relates to the specific project problem Areas: 25 points
  
- C. Available WV-AML Design Teams within the Primary office (A Design team should consist of one Project Engineer (Civil or Mining), one CAD person and availability of other support personnel as required by the particular project): 20 points
  
- D. The Oral Interview (See Section 4.3 of this EOI): 35 points

4.2 (a) AML Consultant Qualification Questionnaire (CQQ) must be completed to be eligible (See Attachment "B").

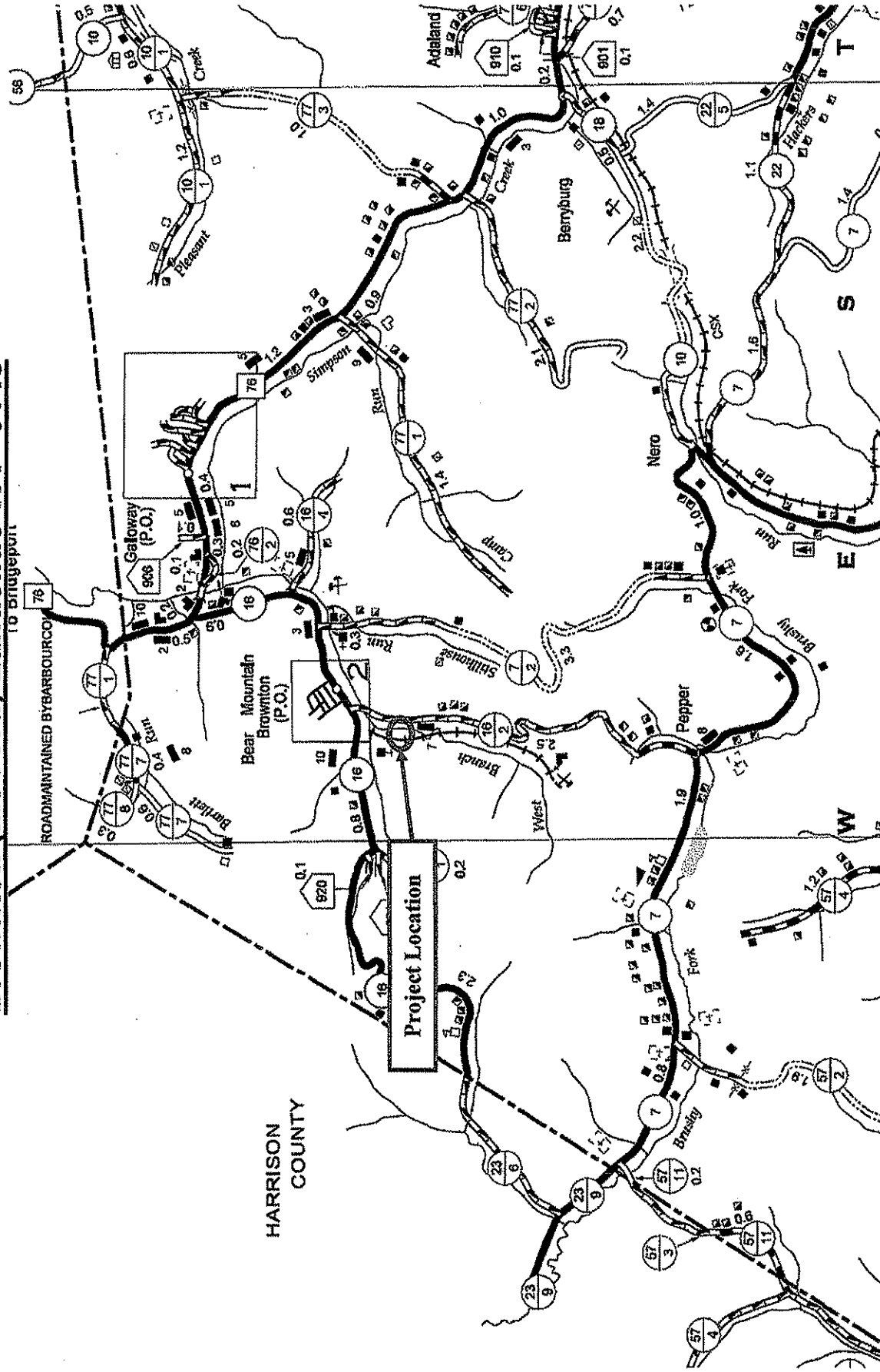
(b) AML and Related Project Experience Matrix (RPEM) must also be completed to be eligible (See Attachment "C").

4.3 Interviews as stated in 4.1 "Evaluation and Award Process" will be conducted with the three firms selected as the most qualified by the WVDEP Selection Committee. The Committee will schedule the interviews.

The format for the interviews will be a 15-30 minute PowerPoint presentation consisting, at a minimum, of the following:

- Corporate/personnel experience as it relates to the project or projects
- Proposed project management plan
- Key personnel available for the proposed work
- Proposed subcontractors (mapping, geotechnical, etc.)
- Product quality control
- Project cost control

**Project Location Map**  
**Brownnton (McCord) Landslide WV-6145**

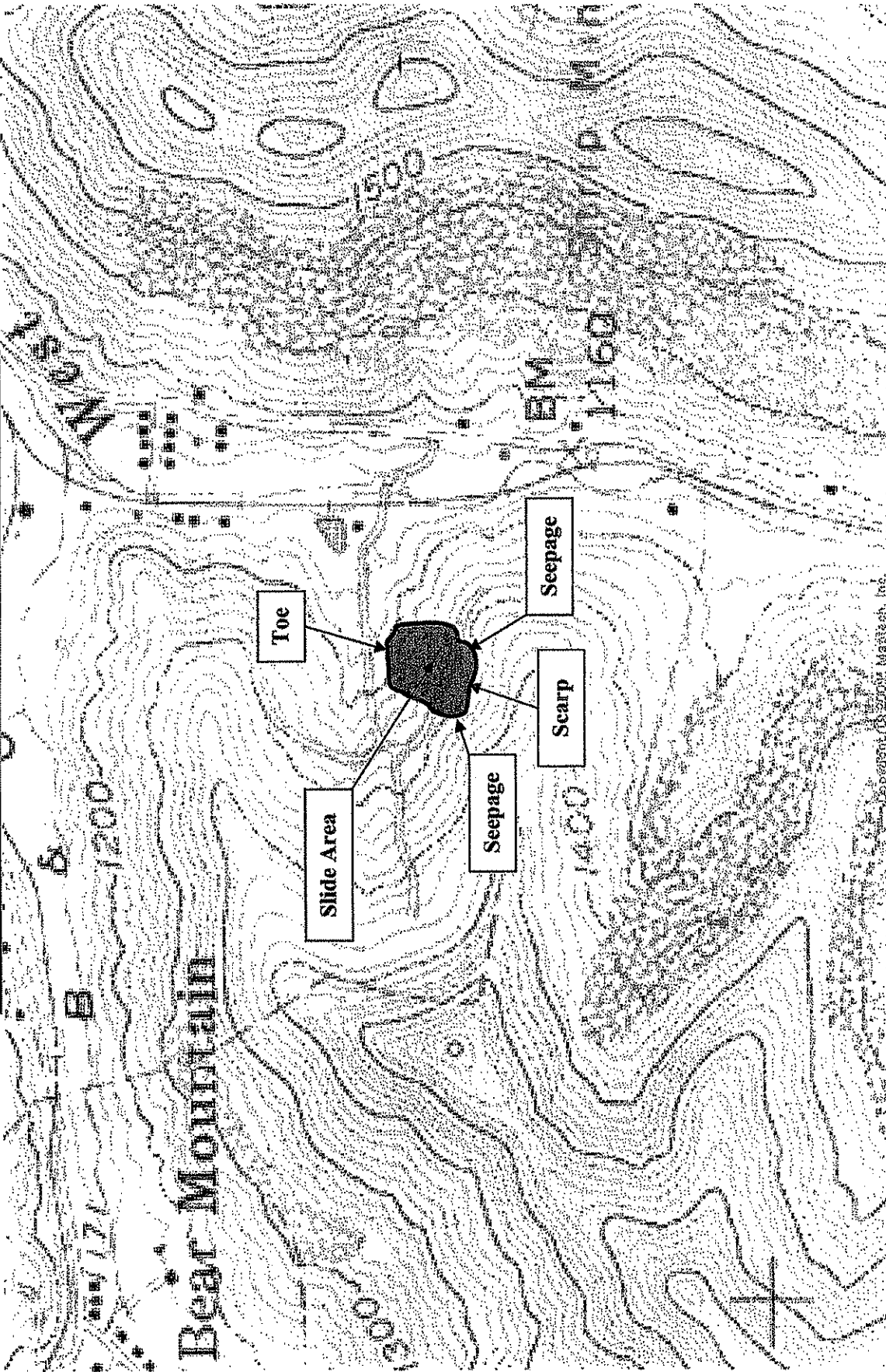


HARRISON COUNTY

**Brownnton Quad**  
**Latitude: 39° 12' 45.29"**

**Barbour County**  
**Longitude: 80° 09' 28.12"**

**Project Location Map**  
**Brownton (McCord) Landslide WV- 6145**



**Brownton Quad**  
**Latitude: 39° 12' 45.29"**

**Scale: 1 inch = 550 Feet**

**Barbour County**  
**Longitude: 80° 09' 28.12"**

027

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE Attachment "B"**

PROJECT NAME Brownston (McCord) Landslide Design		DATE (DAY, MONTH, YEAR) 15, January, 2009		FEIN 550197150	
1. FIRM NAME Hornor Brothers Engineers		2. HOME OFFICE BUSINESS ADDRESS P.O. Box 386, Clarksburg, WV 26302-0386		3. FORMER FIRM NAME N/A	
4. HOME OFFICE TELEPHONE 304-624-6445		5. ESTABLISHED (YEAR) 1902		6. TYPE OWNERSHIP Individual Partnership Joint-Venture 6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES NO X	
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE Hornor Brothers Engineers/P.O. Box 386, Clarksburg, WV 26302-0386/Paul A. Hornor III/Eleven (11)					
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Paul A. Hornor III, P.E., President		8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS John W. Hornor, P.S., Survey Manager			
9. PERSONNEL BY DISCIPLINE					
2	ADMINISTRATIVE	—	ECOLOGISTS	—	LANDSCAPE ARCHITECTS
—	ARCHITECTS	—	ECONOMISTS	—	MECHANICAL ENGINEERS
—	BIOLOGIST	—	ELECTRICAL ENGINEERS	—	MINING ENGINEERS
2	CADD OPERATORS	—	ENVIRONMENTALISTS	—	PHOTOGRAMMETRISTS
—	CHEMICAL ENGINEERS	—	ESTIMATORS	—	PLANNERS: URBAN/REGIONAL
2	CIVIL ENGINEERS	—	GEOLOGISTS	—	SANITARY ENGINEERS
1	CONSTRUCTION INSPECTORS	—	HISTORIANS	—	SOILS ENGINEERS
1	DESIGNERS	—	HYDROLOGISTS	—	SPECIFICATION WRITERS
—	DRAFTSMEN	—		—	
				3 SURVEYORS	
				TRAFFIC ENGINEERS	
				OTHER	
				11 TOTAL PERSONNEL	
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: 2					
*RPS other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.					
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A					

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Confidential Qualification Questionnaire".

NAME AND ADDRESS:  N/A	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____
NAME AND ADDRESS:	SPECIALTY:	WORKED WITH BEFORE Yes _____ No _____

12. Is your firm experienced in Abandoned Mine Lau

Remediation/Mine Reclamation Engineering?

**YES** Description and Number of Projects: Three (3) projects, Stanley Subsidence II AML Enhancement Project, Harrison County (under construction); Century-Volga PSD Brushy Fork Waterline Extension Project, Barbour County (under final design); Summit Park PSD Waterline Replacement Project, Harrison County (Preliminary Design Phase).

**NO**

B. Is your firm experienced in Soil Analysis?

**YES** Description and Number of Projects:

**NO**

C. Is your firm experienced in hydrology and hydraulics?

**YES** Description and Number of Projects: We have performed waterline pipe hydraulic analysis as part of the design process for more than 50 water system expansion or replacement projects. We have also performed hydrological studies of pre and post runoff and storm water management for several projects. The most recent of these is the new United Hospital Center currently under construction in Harrison County. Please see the site development section of our company profile for additional projects that required hydrological and hydraulic analysis associated with surface and storm water management.

**NO**

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

**YES** Description and Number of Projects:

**NO** Our firm does not have in-house aerial photography. However, we assist in providing aerial photography using a third party source on some of our projects. We typically work with Keddal Aerial Mapping. We also have an in-house land surveying crew that provides feature location and contour surveys.

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

**YES** Description and Number of Projects: Waterline design comprises the biggest part of our business. Hornor Brothers has experience with the design and project administration for more than 50 new or replacement waterline projects. Please see the waterline section of our company profile for a detailed description and photographs of more recent projects which are attached as a part of this proposal.

**NO**

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

**YES** Description and Number of Projects:

**NO**



<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
<p>NAME &amp; TITLE (Last, First, Middle Int.) Paul A. Hornor III, President</p>	<p>YEARS OF AML DESIGN EXPERIENCE: One (1)</p>	<p>YEARS OF EXPERIENCE YEARS OF AML RELATED DESIGN EXPERIENCE: 23</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 23</p>
<p>Brief Explanation of Responsibilities:</p> <p>Paul A. Hornor III is responsible for the management and execution of most of the firm's assignments. Primary activities include the overall planning, design and project management of water, sewer, and land development projects in West Virginia.</p>			
<p>EDUCATION (Degree, Year, Specialization) BS, 1982, Civil Engineering</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS: WV Society of Professional Engineers; American Society of Civil Engineers; National Society of Professional Engineers; WV Rural Water Association; American Water Works Association; American Council of Engineering Companies of WV; WV Association of Land Surveyors</p>			
<p>13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)</p>			
<p>NAME &amp; TITLE (Last, First, Middle Int.) Thomas D. Corathers, P.E.</p>	<p>YEARS OF AML DESIGN EXPERIENCE: 0</p>	<p>YEARS OF EXPERIENCE YEARS OF AML RELATED DESIGN EXPERIENCE: 25</p>	<p>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 25</p>
<p>Brief Explanation of Responsibilities: Thomas D. Corathers, Project Manager, is responsible for the general oversight of the office engineering and technical work. His primary activities include planning, design, review and project management of land development, drainage, site design, sidewalk, streetscape and paving, storm water management and earthwork projects.</p>			
<p>EDUCATION (Degree, Year, Specialization) BSET, 1982, Civil Engineering Technology</p>			
<p>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS National Society of Professional Engineers; WV Association of Land Surveyors</p>			

**13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)**

<p><b>NAME &amp; TITLE (Last, First, Middle Int.)</b> John W. Hornor, Survey Manager</p>	<p><b>YEARS OF AML DESIGN EXPERIENCE:</b> One (1)</p>	<p><b>YEARS OF EXPERIENCE</b> YEARS OF AML RELATED DESIGN EXPERIENCE: 16</p>	<p><b>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:</b> 16</p>
<p><b>Brief Explanation of Responsibilities:</b> John W. Hornor is responsible for the management and execution of all of the field surveying services for the firm. Primary activities include site reconnaissance, coordination with the owner, courthouse property research, delegating work to the field survey crew(s), plat and narrative preparation, and coordination for aerial mapping.</p>			
<p><b>EDUCATION (Degree, Year, Specialization)</b> West Virginia University 1980-1984 Civil Engineering and Preparatory Courses</p>			
<p><b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> WV Association of Land Surveyors</p>			

REGISTRATION (Type, Year, State)  
Professional Surveyor 1990, WV #1955

**13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)**

<p><b>NAME &amp; TITLE (Last, First, Middle Int.)</b></p>	<p><b>YEARS OF AML DESIGN EXPERIENCE:</b></p>	<p><b>YEARS OF EXPERIENCE</b> YEARS OF AML RELATED DESIGN EXPERIENCE:</p>	<p><b>YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:</b></p>
<p><b>Brief Explanation of Responsibilities</b></p>			
<p><b>EDUCATION (Degree, Year, Specialization)</b></p>			
<p><b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b></p>			

REGISTRATION (Type, Year, State)



15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Stanley Subsidence II AML Enhancement Project Harrison County, WV	Shiloh Development 7 Maple Lake Bridgeport, WV 26330	Complete project reclamation design and mapping	\$250,000	Design - 100% Construction - 50%
Adrian PSD Waterline Ext. Project Upshur County, WV	Adrian PSD P.O. Box 87 French Creek, WV 26218	Complete project design and construction phase engineering, observation and administration.	\$5,512,823	Design - 100% Construction - 10%
Century-Volga PSD Waterline Ext. Project (Brushy Fork) Barbour County, WV	Century-Volga PSD Route 1, Box 78 Philippi, WV 26416	Complete project design and construction phase engineering, observation and administration. This project is partially funded by AML.	\$1,998,000	Design - 100% Construction will start in 2009
Doddridge County Water Study Doddridge County, WV	Doddridge County Commission 300 Court Street West Union, WV 26456	Preparation of preliminary engineering report.	N/A \$20,000 preliminary design fee	75%
Mannington PSD Water Distribution System Marion County, WV	Mannington PSD P.O. Box 205 Mannington, WV 26582	Complete project design and construction phase engineering, observation and administration.	\$4,263,590	Design - 95% Construction - will start in 2009 or 2010
Town of West Union Greenwood Water Project Waterline Extension Doddridge County, WV	Town of West Union P.O. Box 5 West Union, WV 26456	Complete project design and construction phase engineering, observation and administration.	\$1,005,713	Design - 100% Construction - will start in 2009
Whitmer Water Association Water Treatment and Distribution Project Randolph County, WV	Whitmer Water Association P.O. Box 23 Whitmer, WV 26296	Complete project design and construction phase engineering, observation and administration.	\$2,827,841	Design - 100% Construction - will start in 2009
TOTAL NUMBER OF PROJECTS: 7			TOTAL ESTIMATED CONSTRUCTION COSTS: \$ 15,857,967	



17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
City of Clarksburg Business District Streetscape Project	City of Clarksburg 222 West Main Street Clarksburg, WV 26301	\$ 426,750.	2007- 2008	Yes
City of Clarksburg Phase IV Streetscape Project 3 <sup>rd</sup> and 4 <sup>th</sup> Streets	City of Clarksburg 222 West Main Street Clarksburg, WV 26301	\$ 451,189	2006- 2007	Yes
City of Weston Streetscape Project Main Street	City of Weston 102 West 2 <sup>nd</sup> Street Weston, WV 26452	\$ 164,305	2007	Yes
City of Bridgeport Streetscape Project Phase IV	City of Bridgeport P.O. Box 1310 Bridgeport, WV 26330	\$ 288,721	2006- 2007	Yes
City of Clarksburg Streetscape Project Phase III	City of Clarksburg 222 West Main Street Clarksburg, WV 26301	\$ 317,634	2006- 2007	Yes
Town of West Union Doddrige Co. High School Water and Sewer Extension Project	Town of West Union P.O. Box 5 West Union, WV 26456	\$ 1,005,212	2006- 2007	Yes
Century Volga PSD Route 119 Waterline Replacement Project	Century-Volga PSD Route 1, Box 78 Phillippi, WV 26416	\$ 59,260	2006	Yes
Bingamon PSD Waterline Replacement Project	Bingamon PSD P.O. Box 87 Wyatt, WV 26463	\$ 1,145,318	2006	Yes
Mannington PSD Consol Energy Waterline Replacement Project	Mannington PSD P.O. Box 205 Mannington, WV 26582	\$ 123,318	2006	Yes

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Wetzel County PSD No. 1 Phase III Waterline Extension Project	Wetzel County PSD No. 1 P.O. Box 456 Reader, WV 26167	\$ 3,091,369	2006-2007	Yes
Huttonsville PSD Water System Expansion Project	Huttonsville PSD P.O. Box 277 Mill Creek, WV 26280	\$ 5,234,375	2004-2006	Yes
City of Bridgeport Streetscape Project Phase III	City of Bridgeport P.O. Box 1310 Bridgeport, WV 26330	\$ 330,496	2005-2006	Yes
City of Morgantown Streetscape Project Wharf District	City of Morgantown 389 Spruce Street Morgantown, WV 26505	\$ 651,329	2005	Yes
Adrian PSD Waterline Extension Project Phase IV	Adrian PSD P.O. Box 87 French Creek, WV 26218	\$ 2,778,538	2004-2005	Yes
Clarksburg Water Board Waterline Replacement Project Pike Street	Clarksburg Water Board 1001 S. Chestnut Street Clarksburg, WV 26301	\$ 566,897	2004	Yes
Century-Volga PSD Waterline Extension Project Phase III	Century-Volga PSD Route 1, Box 78 Philippi, WV 26416	\$ 1,226,910	2003-2004	Yes
Town of West Union Waterline Replacement and Storage Tank Project	Town of West Union P.O. Box 5 West Union, WV 26456	\$ 607,957	2003	Yes
Clarksburg Water Board Waterline Replacement Project Main Street	Clarksburg Water Board 1001 S. Chestnut Street Clarksburg, WV 26301	\$ 320,102	2003	Yes





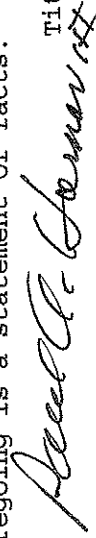
19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.

Hornor Brothers Engineers is a well-established civil engineering firm which operates primarily in north-central West Virginia. Over our many years of business, we have performed the design for all sizes of site development projects, from individual home sites to a 10,000,000 cubic yard excavation and embankment for the runway extension at Benedum Airport in Harrison County. We have completed the design, and construction is nearly complete, on \$15,000,000 worth of site development at the new UHC replacement project along Jerry Dove Drive and I-79 in Bridgeport.

Most of these projects incorporate designs for excavation, embankment, drainage (open and closed conduits), utilities, access roads, stormwater detention, sediment and erosion control and site restoration. These are many of the same components that would be a part of this and many other AML reclamation projects. We have just completed the design of an AML reclamation project for the Stanley Subsidence II site in Harrison County. In doing so we established a good working relationship with personnel in the AML offices in Phillippi and Charleston. Our related experience and close proximity to the project site would be important assets to the DEP on this project. If selected we would be able to begin work immediately.

20. The foregoing is a statement of facts.

Signature:



Title: President

Printed Name: Paul A. Hornor III

Date: January 15, 2009

**HORNOR BROTHERS ENGINEERS**

**Available WV-AML Design Team Within the Primary Office**

Project Engineer and Manager: Paul A. Hornor III, P.E. (Civil)  
Assisted by:  
Thomas D. Corathers, P.E. (Civil)

CADD Draftsman: Thomas B. Childers  
Joseph D. Robinson, E.I.

Engineering Technician: Richard B. Taylor

Project Survey Manager: John W. Hornor, P.S.

Survey Crew: Albert T. Larue  
Caleb D. Heise

Construction Inspector: Roger D. O'Quinn  
Richard B. Taylor

Other: Nila J. May, Administrative Support  
Jeanne M. Wyckoff, Administrative Support

STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

*West Virginia Code* §5A-3-10a provides that: 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.

**PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:**

*West Virginia Code* §21-1D-5 provides that: Any solicitation for a public improvement construction contract shall require each vendor that submits a bid for the work to submit at the same time an affidavit that the vendor has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. A public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

**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 materials, 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.

**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, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, 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.

**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. Vendors should visit [www.state.wv.us/admin/purchase/privacy](http://www.state.wv.us/admin/purchase/privacy) for the Notice of Agency Confidentiality Policies.

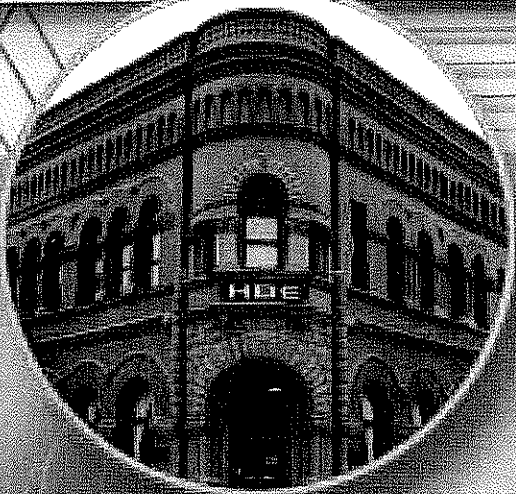
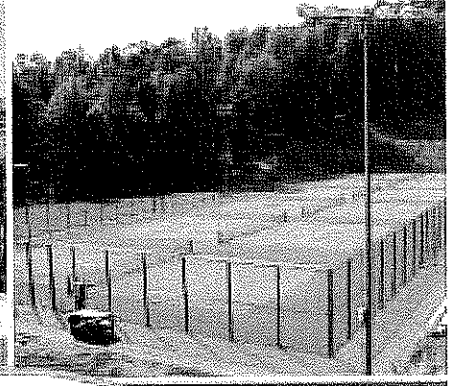
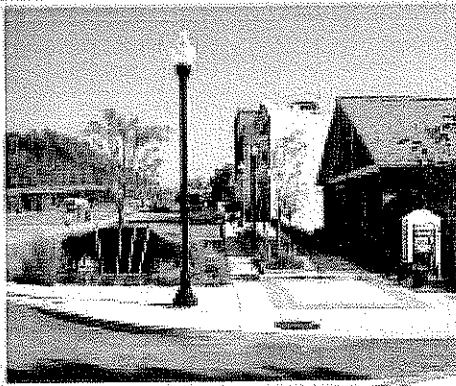
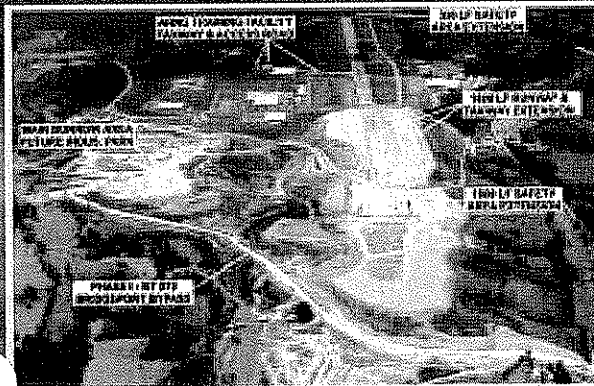
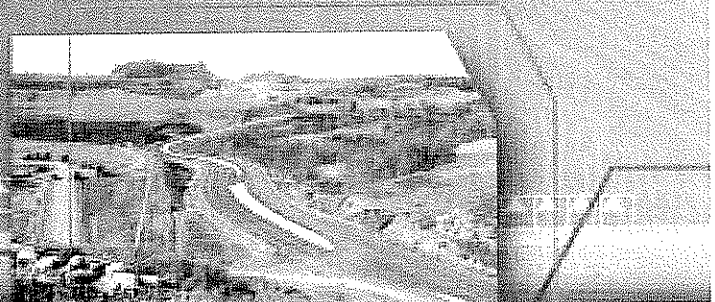
Under penalty of law for false swearing (West Virginia Code §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and is in compliance with the requirements as stated.

Vendor's Name: Hornor Brothers Engineers

Authorized Signature: *Paul A. Hornor III* Date: January 15, 2009

# Civil Engineering Solutions Powered By 100 Years of Experience

Family owned and operated since 1902, Hornor Brothers Engineers is the oldest engineering firm in West Virginia. We combine the comprehensive expertise of five Registered Professional Engineers and a dependable support staff with a thorough knowledge of north central West Virginia to provide our customers with value driven results. **100 years of experience is powerful... put it to work for you.**



- Specializing in:**
- Airport Facilities
  - Civil Engineering
  - Land Surveying and Mapping
  - Residential and Industrial Site Development
  - Roadways
  - Water and Sewer Systems
  - Drainage Systems
  - Project Management

## HORNOR BROTHERS ENGINEERS

HORNOR BROTHERS ENGINEERS - HORNOR BROTHERS ENGINEERS - HORNOR BROTHERS ENGINEERS - HORNOR BROTHERS ENGINEERS

140 S. Third Street • P.O. Box 386 • Clarksburg, WV 26302  
PH. (304) 624-6445 / Fax (304) 624-6448  
[www.HornorBrosEng.com](http://www.HornorBrosEng.com)

# **HORNOR BROTHERS ENGINEERS**

**140 South Third Street  
P.O. Box 386  
Clarksburg, West Virginia 26302**

Phone: 304/624-6445  
Fax: 304/624-6448  
Website: [www.HornorBrosEng.com](http://www.HornorBrosEng.com)  
EMAIL: [Eng@HBE1902.com](mailto:Eng@HBE1902.com)

Professional Engineering Services Since 1902

09/02/08

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# Hornor

Since  
1902

# Bros. Engineers

*Civil, Environmental and Consulting Engineering*

Main & Third Streets · P.O. Box 386 · Clarksburg, West Virginia 26302  
(304) 624-6445 · Fax (304) 624-6448 · www.HBE1902.com



## COMPANY PROFILE

### INTRODUCTION

The consulting firm of Hornor Brothers Engineers, located in Clarksburg, West Virginia, is a family owned and operated organization which was founded in 1902. Its principals are Paul Allen (Trey) Hornor III, Paul Allen Hornor, Jr. and John W. Hornor. For over 100 years the firm has practiced civil engineering as it relates to public works and the environment. Throughout its history, Hornor Brothers Engineers (HBE) has combined the expertise of an experienced, professional engineering staff with a thorough knowledge of north central West Virginia to provide our customers with value driven results. We remain flexible, yet qualified to meet the needs of our clients in an ever-changing world, and continue to uphold our high standards of service in providing effective engineering solutions.

Through professional and personal interaction, Hornor Brothers Engineers' staff is available to identify project requirements, coordinate timely reviews and manage work tasks and other issues that need to be addressed, so that quality service on time and within budget can be completed to the client's satisfaction.

### OVERVIEW OF ENGINEERING AND RELATED SERVICES

The firm specializes in land surveying, site development planning, the design and construction management of water and wastewater projects, airport development and other municipal and public works. We have considerable experience in working with most state and federal funding and regulatory agencies. The following is a complete list of the engineering and related services for which Hornor Brothers Engineers is qualified and capable.

Airport Facilities	Funding Applications	Municipal Engineering
Civil Engineering	General Consulting	Project Management
Coal-Related Consulting	Geographic Information Systems (GIS)	Pumping Facilities
Construction Inspection Services	Highways and Roads	Site Evaluations
Land Surveying & Mapping	Industrial Site Development Facilities	Subdivision Development
Drainage Systems	Infrastructure Investigations and Reports	Wastewater Collection Systems
Economic Feasibility Studies	Land Surveying and Mapping	Water Distribution and Storage

## LAND SURVEYING

Land surveying plays a major role in Hornor Brothers Engineers' scope of business. HBE has performed survey work for over 10,000 individual property owners and hundreds of commercial and industrial clients. These services include contour and feature location maps, lot and farm surveys, subdivisions, gas well locations, to name a few. These surveying capabilities compliment the firm's other areas of business, such as project design, and enable us to handle a maximum amount of project responsibility internally. *The service areas for all the firm's water system expansion projects are surveyed on the ground to produce highly detailed construction mapping.* HBE utilizes a handheld GPS unit, total station instruments with data collector and CADD capabilities, which help provide for timely, sharp, finished plats and drawings.

## MUNICIPAL PROJECTS

Hornor Brothers Engineers has performed a wide range of municipal services including the design and construction phase services for small dams and reservoirs, tennis courts, city streets, conventional sidewalks, drainage systems, and all the project components associated with downtown streetscape improvements. The firm has also prepared multiple parking lot project designs, for United Hospital Center, Fairmont State College, and the City of Clarksburg among others.

Our history of successive projects with Fairmont State College, the United Hospital Center, and the cities of Clarksburg and Bridgeport and others is a reflection of our quality of performance in this area of development. See the following representative photographs and descriptions for several of the firm's various municipal projects.

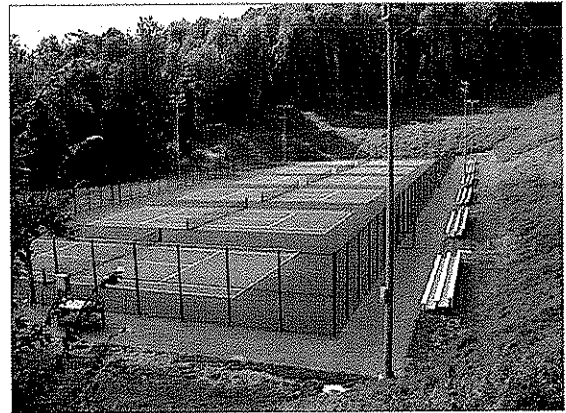
### FAIRMONT STATE COLLEGE STUDENT PARKING EXPANSION PROJECT

Project Cost: \$394,000; Completed: 1997



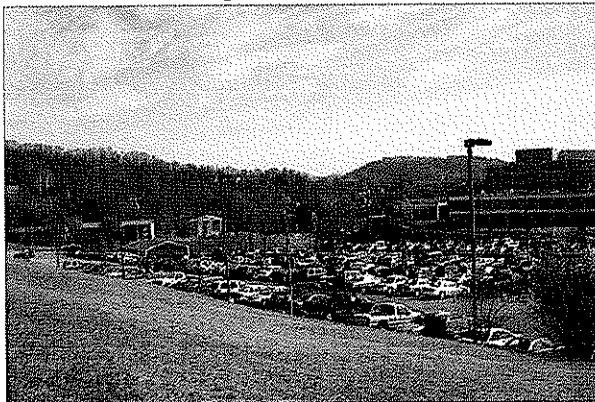
### FAIRMONT STATE COLLEGE NEW TENNIS COURTS PROJECT

Project Cost: \$553,000; Completed: 1999



### UNITED HOSPITAL CENTER EMPLOYEE PARKING EXPANSION PROJECTS (Phases 1&2)

251 New Spaces; Total Construction Cost: \$718,000  
Completed 1996 & 1999



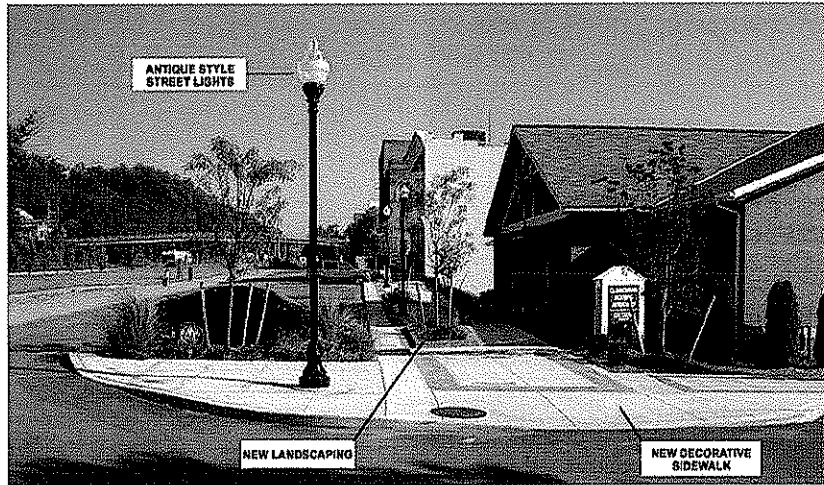
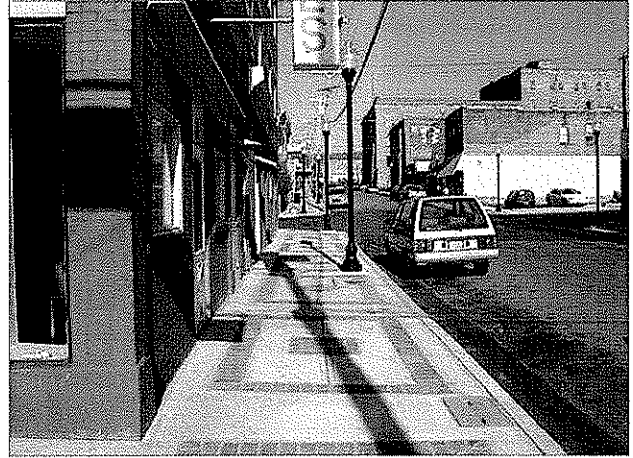
### UNITED HOSPITAL CENTER RETAINING WALL

Completed 2000

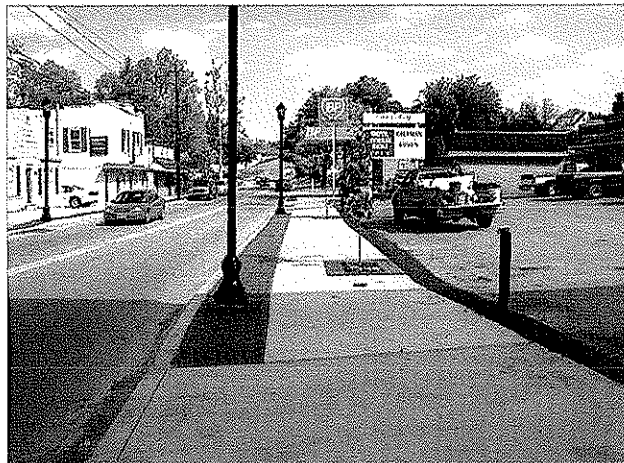




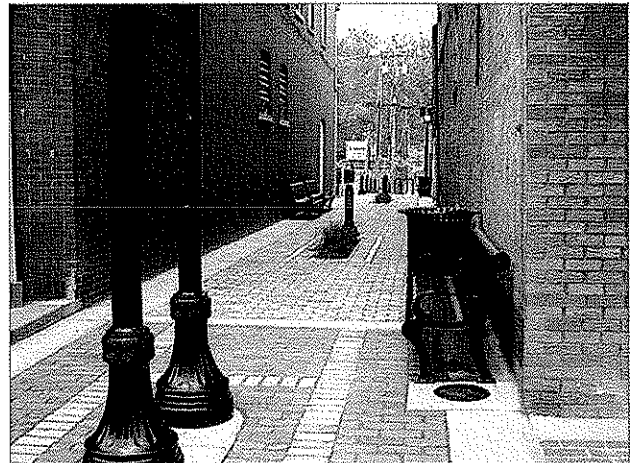
**CITY OF CLARKSBURG – GLEN ELK STREETScape PROJECT**  
Project Cost = \$500,000; Completed: 2001



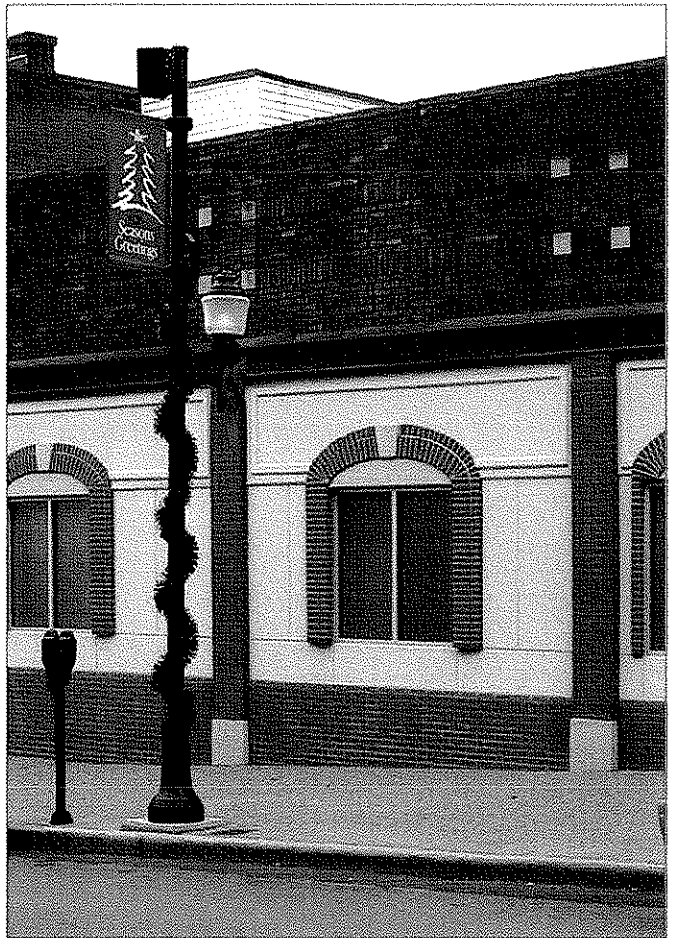
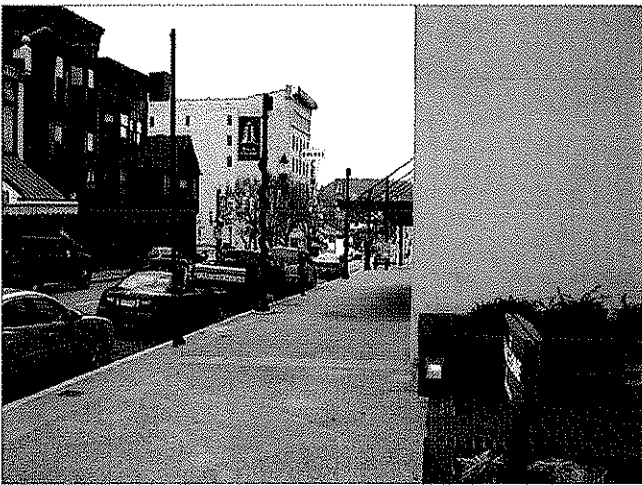
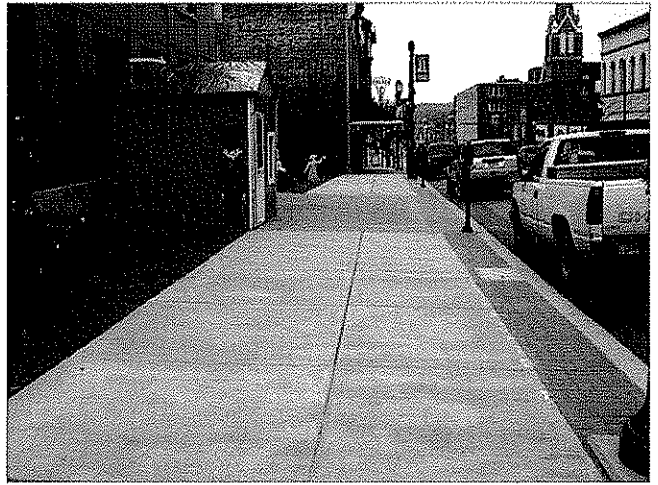
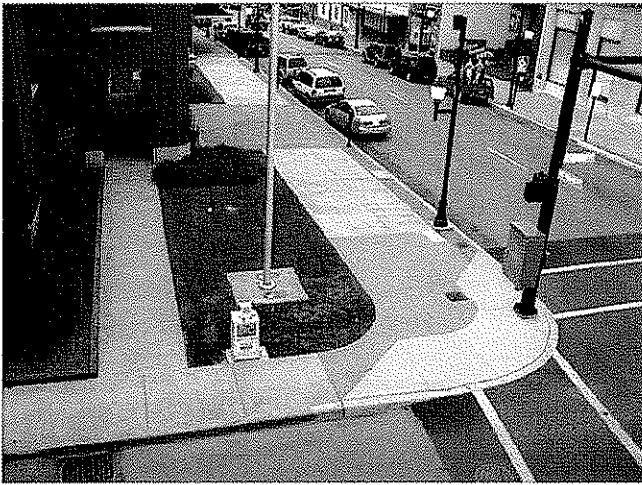
**CITY OF BRIDGEPORT  
MAIN STREET REVITALIZATION PROJECT  
(PHASE II)**  
Project Cost = \$250,000; Completed 2003



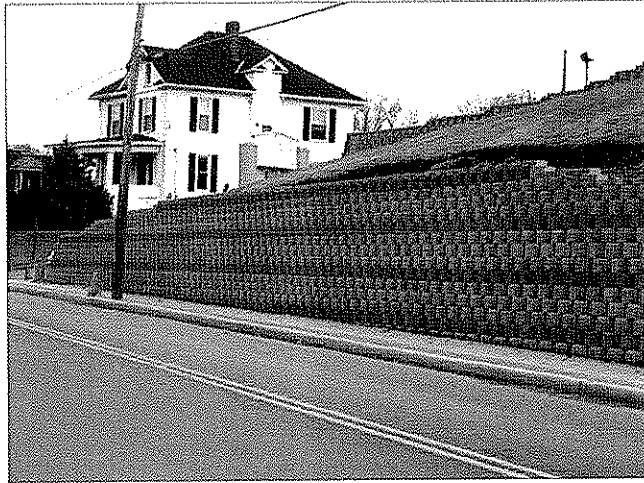
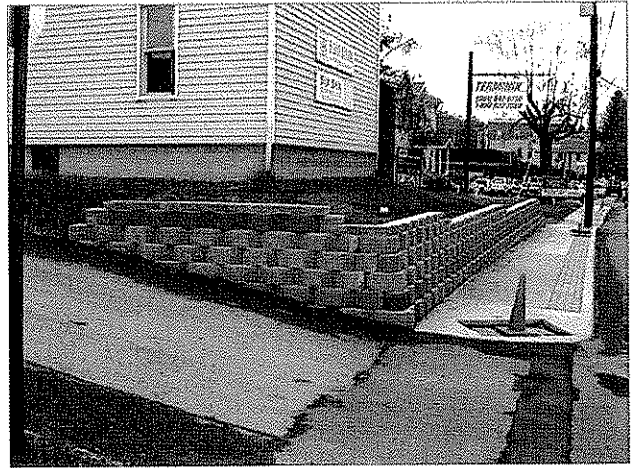
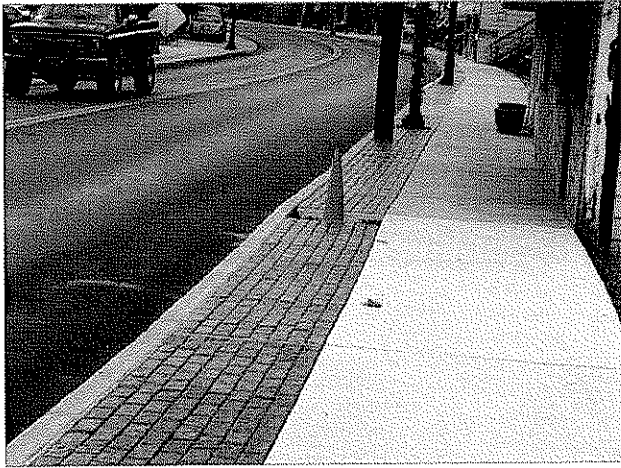
**CITY OF WESTON  
BANK STREET IMPROVEMENT PROJECT**  
Project Cost = \$128,000; Completed 2003



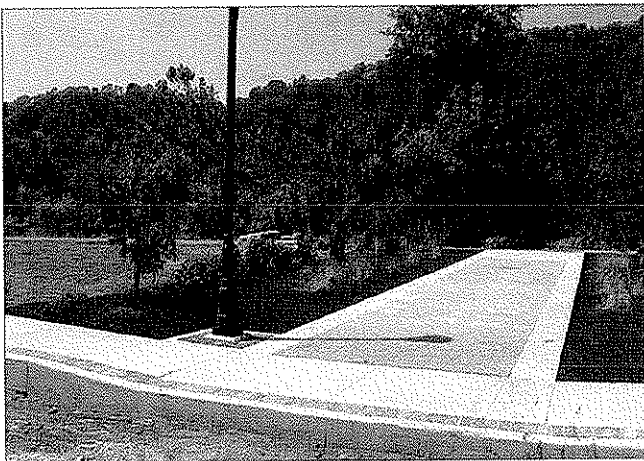
**CITY OF CLARKSBURG**  
**MAIN STREET REVITALIZATION PROJECT PHASE 2**  
Project Cost = \$450,000; Completed 2005



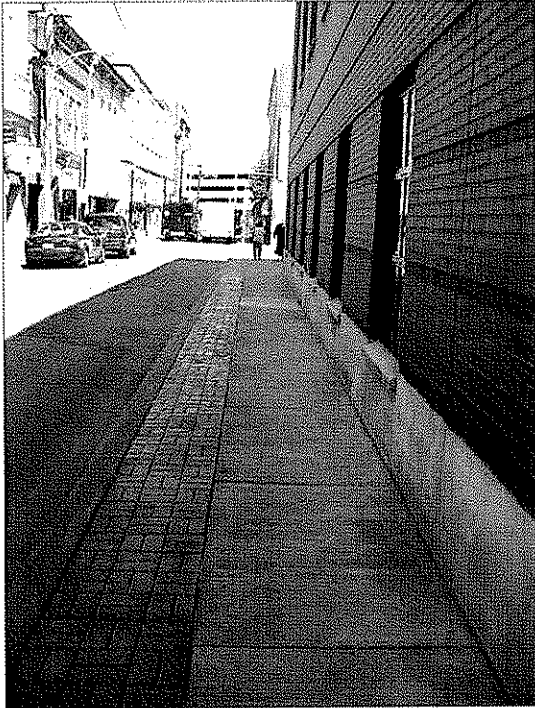
**CITY OF BRIDGEPORT  
MAIN STREET REVITALIZATION PROJECT (PHASE III)**  
Project Cost = \$326,000; Completed 2005



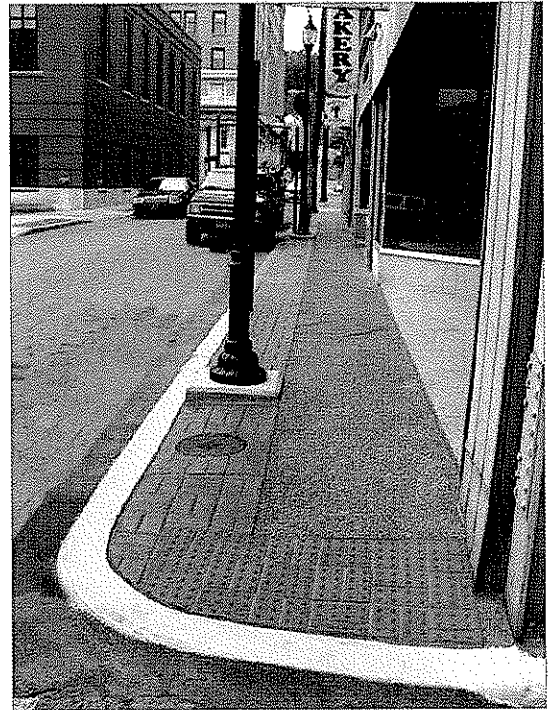
**CITY OF MORGANTOWN  
CLAY STREET STREETScape PROJECT**  
Project Cost = \$693,000; Completed 2005



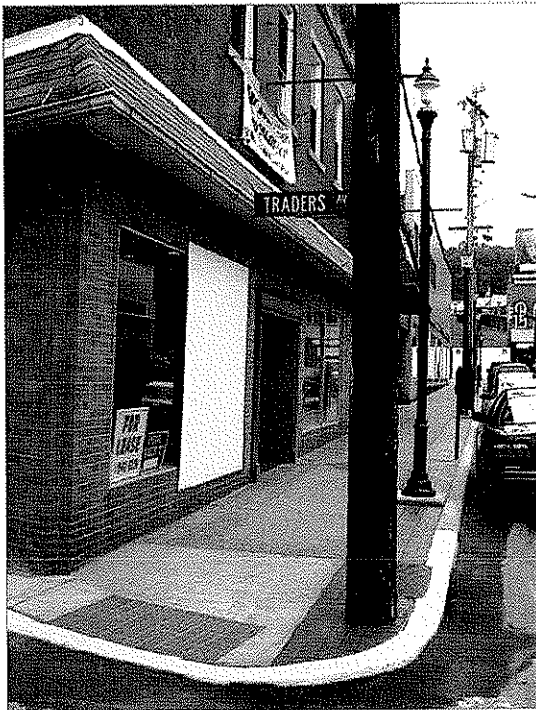
**CITY OF CLARKSBURG STREETScape IMPROVEMENT PROJECT  
MAIN STREET – PHASE 3  
Project Cost = \$331,000; Completed: 2006**



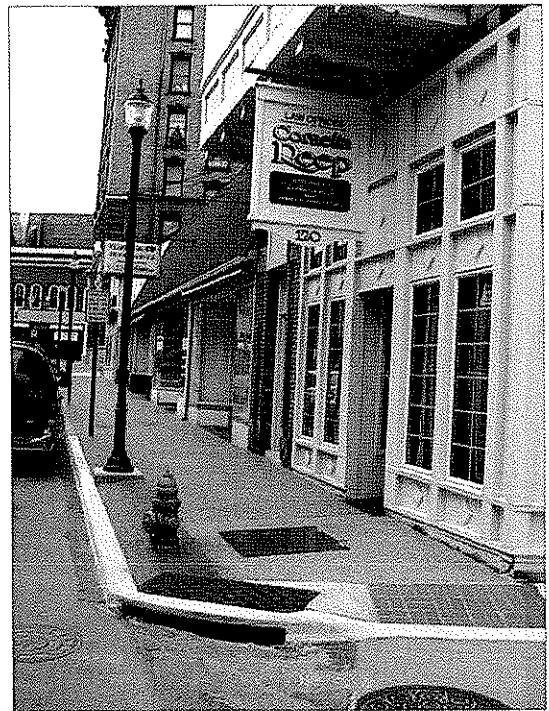
**East Side of South Third Street**



**West Side of South Third Street**

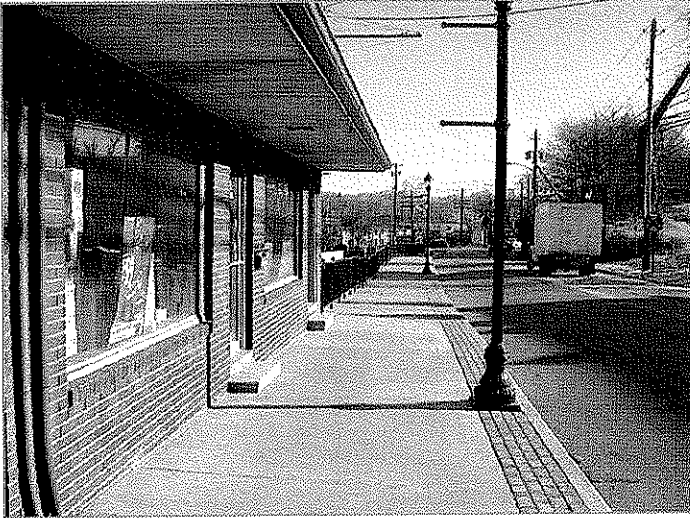


**East Side of South Fourth Street**



**West Side of South Fourth Street**

**CITY OF BRIDGEPORT  
MAIN STREET REVITALIZATION PROJECT (PHASE IV)**  
Project Cost = \$290,000; Completed 2006



**Sidewalk Along North Side of Main Street**



**Safety Rail Along North Side of Main Street**

## **SITE DEVELOPMENT**

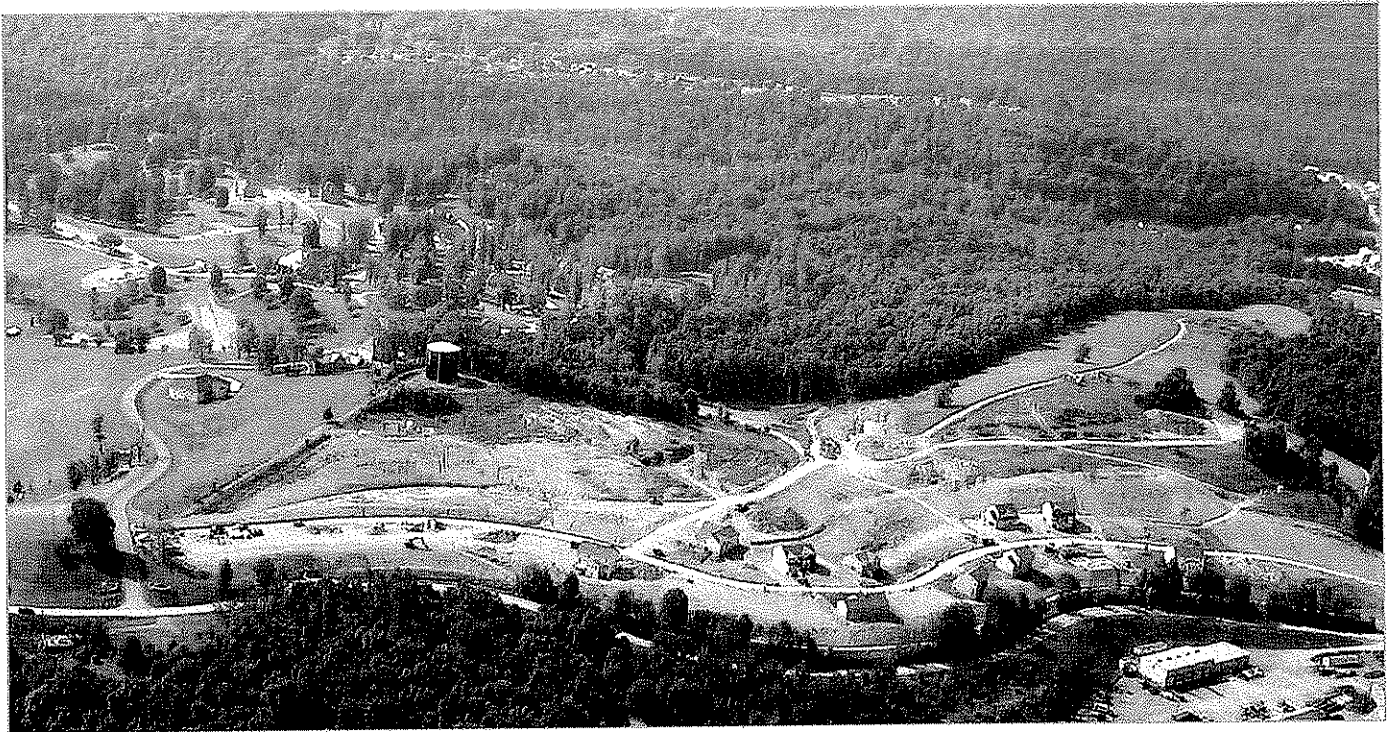
Hornor Brothers Engineers also provides complete engineering services for the development of industrial parks and residential subdivisions. Our services include staking out the lots and designing the earth moving, streets, sidewalks, drainage systems, and water and sewer systems for the industrial or residential client. Hornor Brothers Engineers has been involved in the development of numerous industrial parks and subdivisions around north-central West Virginia. Sometimes this requires the complete turnkey services described above, and in other cases just the layout of lots or the design of water and wastewater systems. A listing of recent and/or larger, recognizable site development projects includes the following:

<b>Subdivision Projects</b>	<b>County</b>	<b>Industrial/Commercial Site Projects</b>	<b>County</b>
Crystal Ridge	Harrison	UHC New Hospital Site	Harrison
Heritage Farms	Harrison	Fed Ex Site	Harrison
Deerbrook	Barbour	Harrison-Marion Regional Airport	Harrison
Bennett Manor	Harrison	Benedum Airport Industrial Park	Harrison
Auburn Village	Harrison	Midway Industrial Park	Harrison
Heavenly Trails	Marion	Lewis County Industrial Park	Lewis
Timber Ridge	Marion		

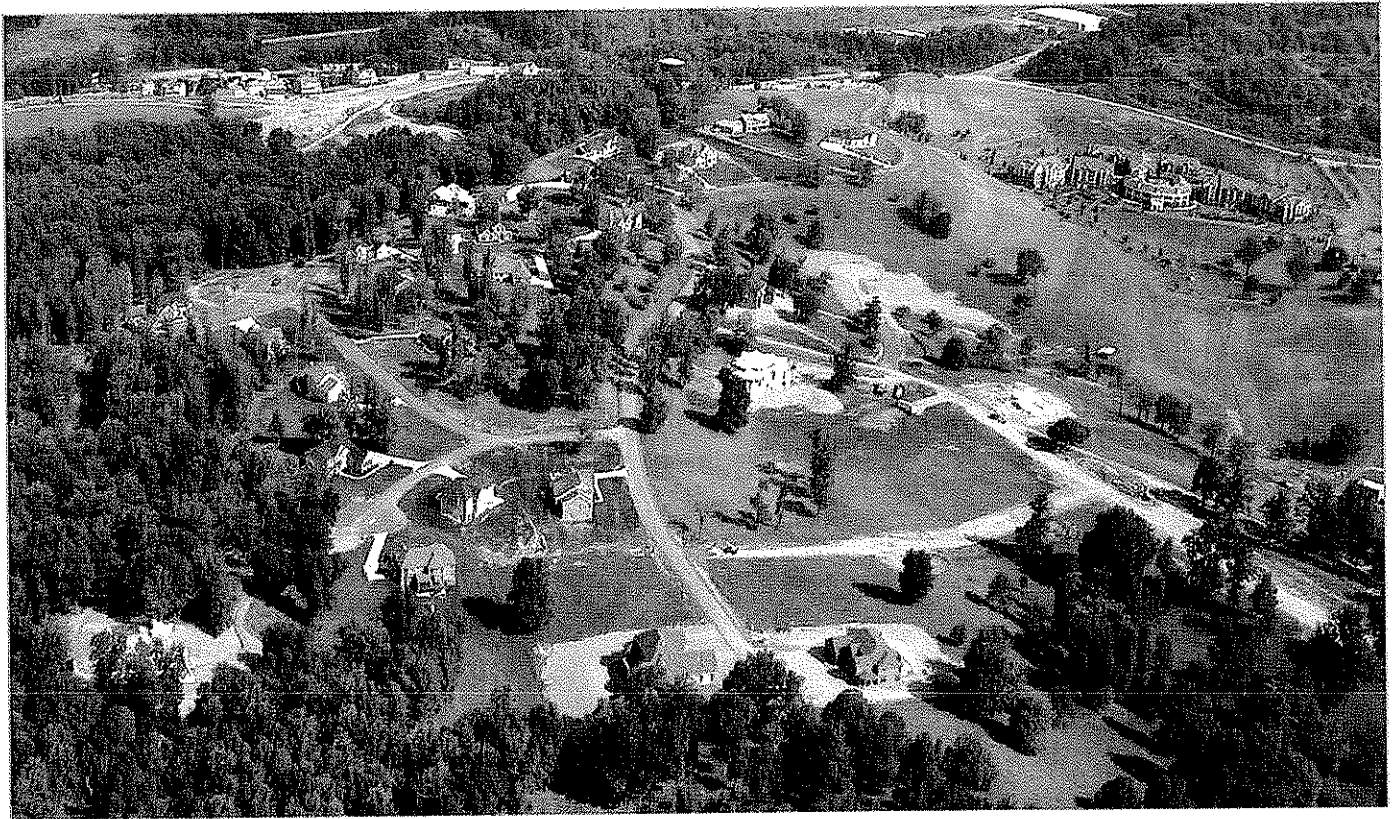
See the following representative photographs and descriptions for several of the firm's various site development projects.



**FED EX GROUND DISTRIBUTION FACILITY  
HARRISON COUNTY, WEST VIRGINIA  
COMPLETED DECEMBER 2006**

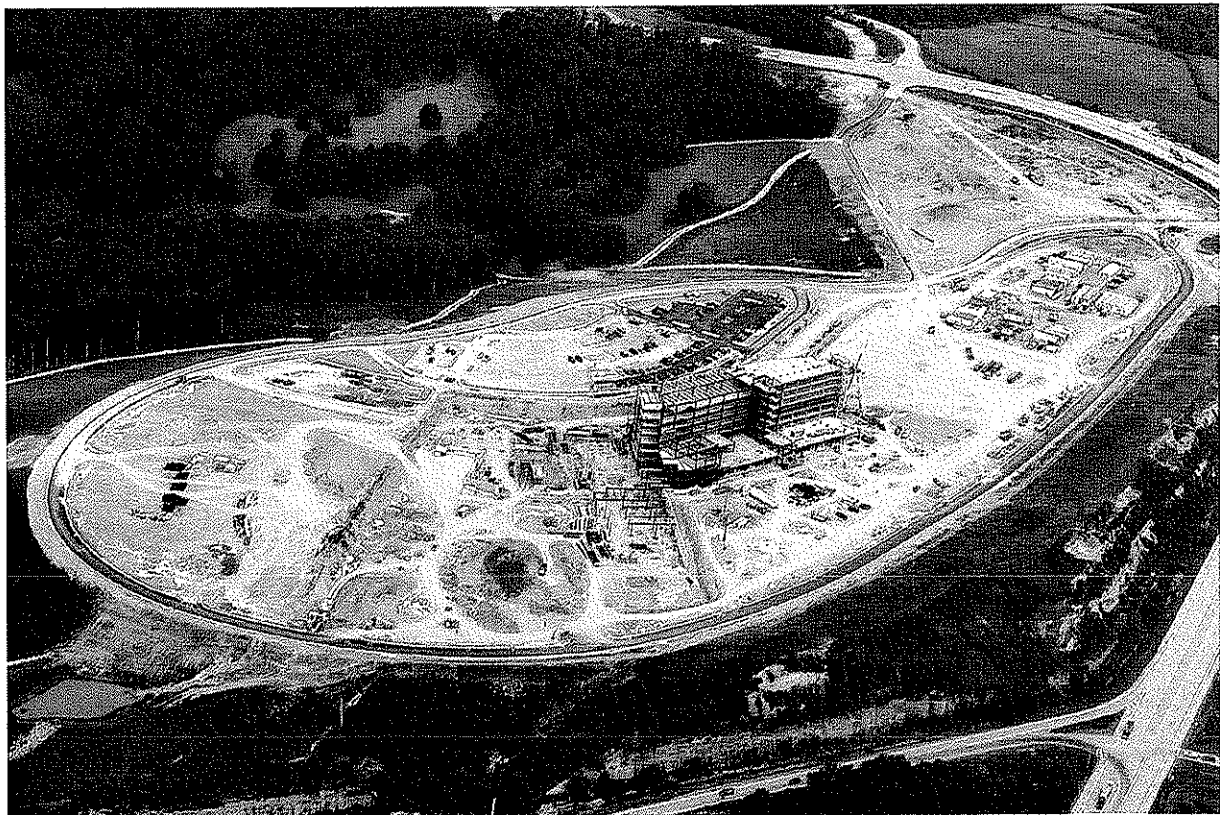


**CRYSTAL RIDGE RESIDENTIAL DEVELOPMENT  
BRIDGEPORT, WV**



**HERITAGE FARMS RESIDENTIAL DEVELOPMENT  
BRIDGEPORT, WV**

**UHC REPLACEMENT HOSPITAL SITE DEVELOPMENT  
BRIDGEPORT, WEST VIRGINIA  
2006 – 2008**





## HARRISON – MARION REGIONAL AIRPORT - BRIDGEPORT, WEST VIRGINIA

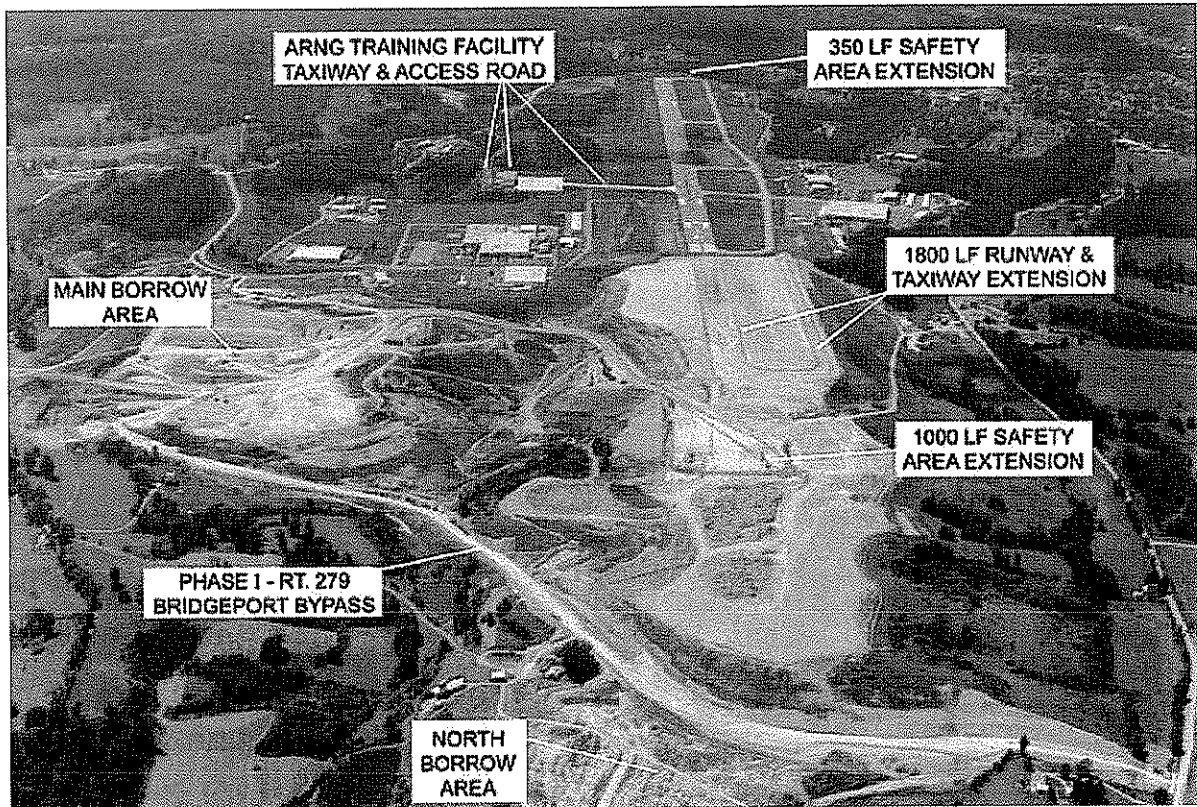
Hornor Brothers Engineers has a rich and long history of over 65 years with the Harrison-Marion Regional Airport, which began as the Harrison County Airport in 1937. As the airport changed over the years, Hornor Brothers Engineers was the firm predominantly responsible for the improvements and additions to the facility. The years of 1960-1975 were the main development years for the airport. During this period of time there were nine major construction projects. From 1977 to 1995 there were 15 smaller projects, all funded primarily by the Federal Aviation Administration.

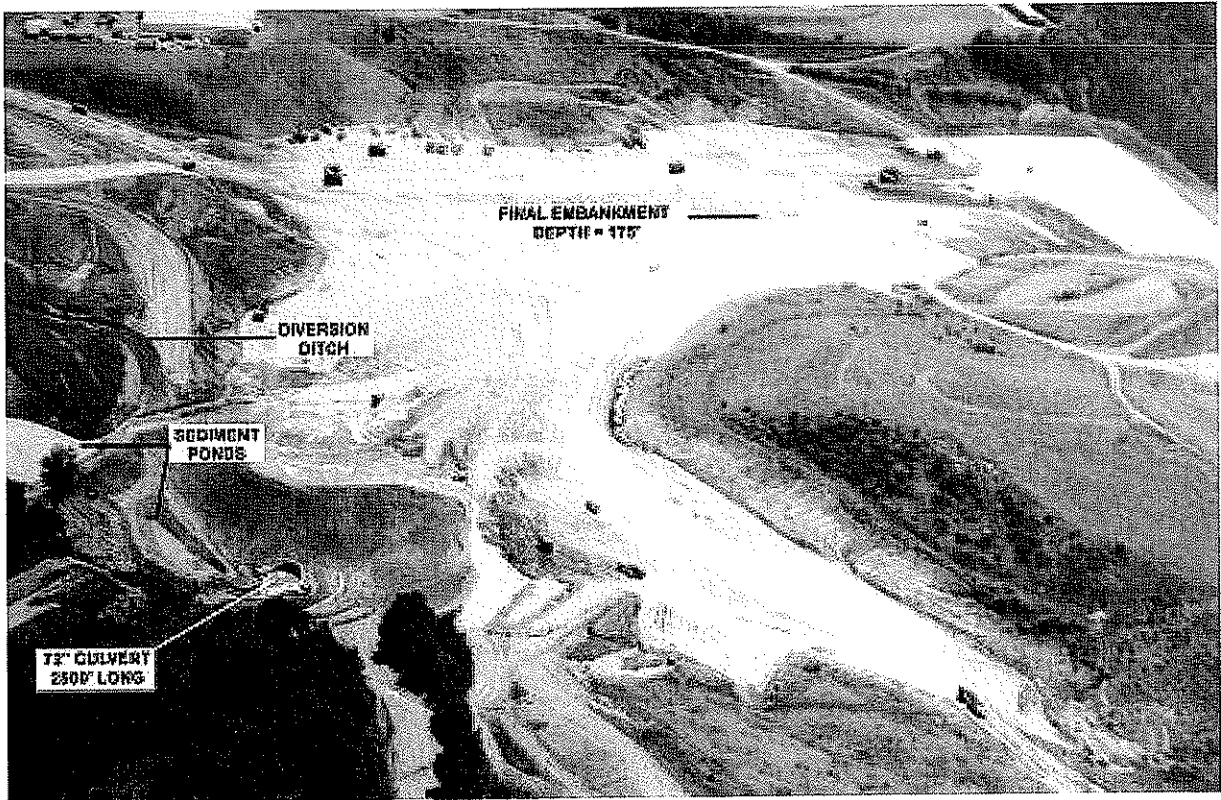
In 1993, Benedum Airport Authority embarked on a large and ambitious project to extend its main runway and parallel taxiway. Major design components of the project included a 10,000,000 cubic yard excavation and embankment; a 2,500 foot long, 72-inch structural steel culvert; runway and taxiway pavement and lighting; repaving the existing runway; fencing; utility line relocations; storm drainage system and a new instrument landing system.

The Benedum Airport Authority also hired Hornor Brothers Engineers to provide engineering design, inspection and construction management services for the construction of a 4,400 foot long (0.833 miles) access highway. This section of highway is known as Route 279, North Bridgeport Bypass.

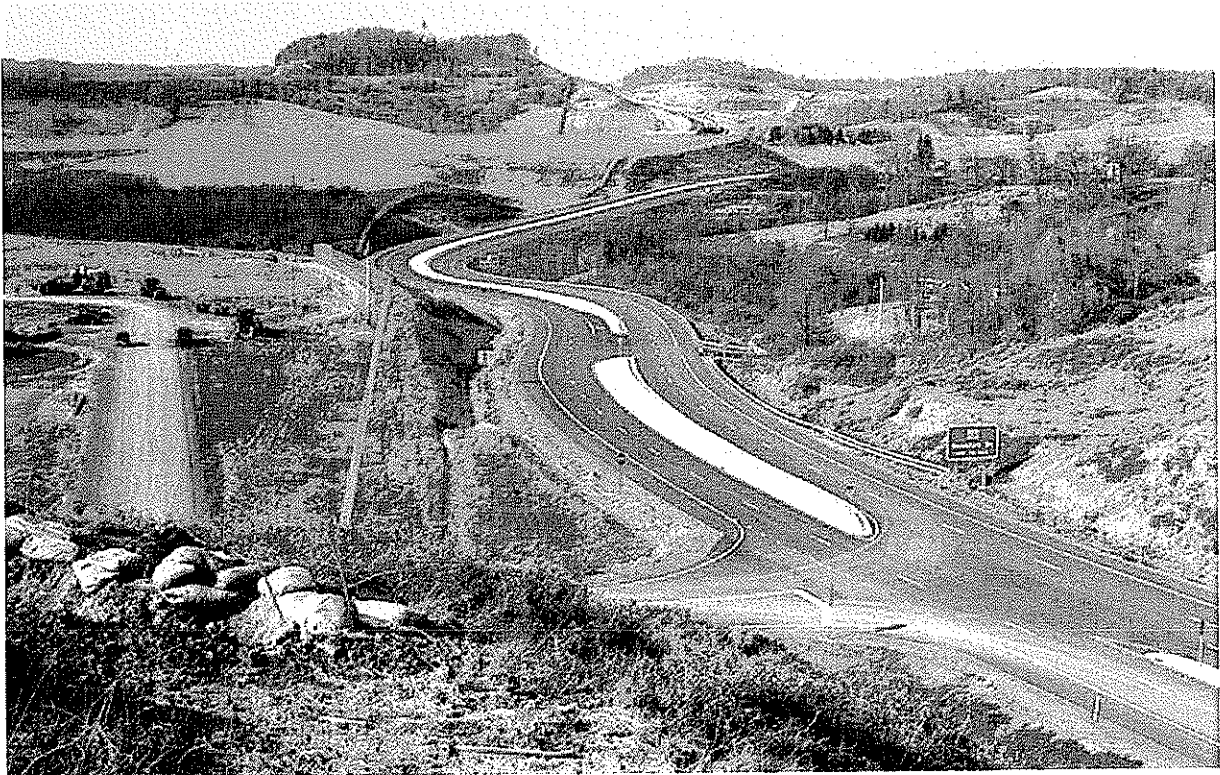
Also, the West Virginia Army National Guard (ARNG) hired Hornor Brothers Engineers to provide all phases of engineering design and inspection for the construction of the Eastern ARNG Aviation Training Site Fixed Wing Detachment at Benedum Airport. This facility consisted of a 37,200 sq. ft. training facility hangar with classroom, administrative and aircraft maintenance space, flexible and rigid paving for aircraft parking, new taxiway access to the main runway and the existing Tee Hangars, all supporting utilities, drainage structures and new access highway from U.S. Route 50. Following are pictures of the above referenced projects.

### BENEDUM AIRPORT VARIOUS PROJECTS

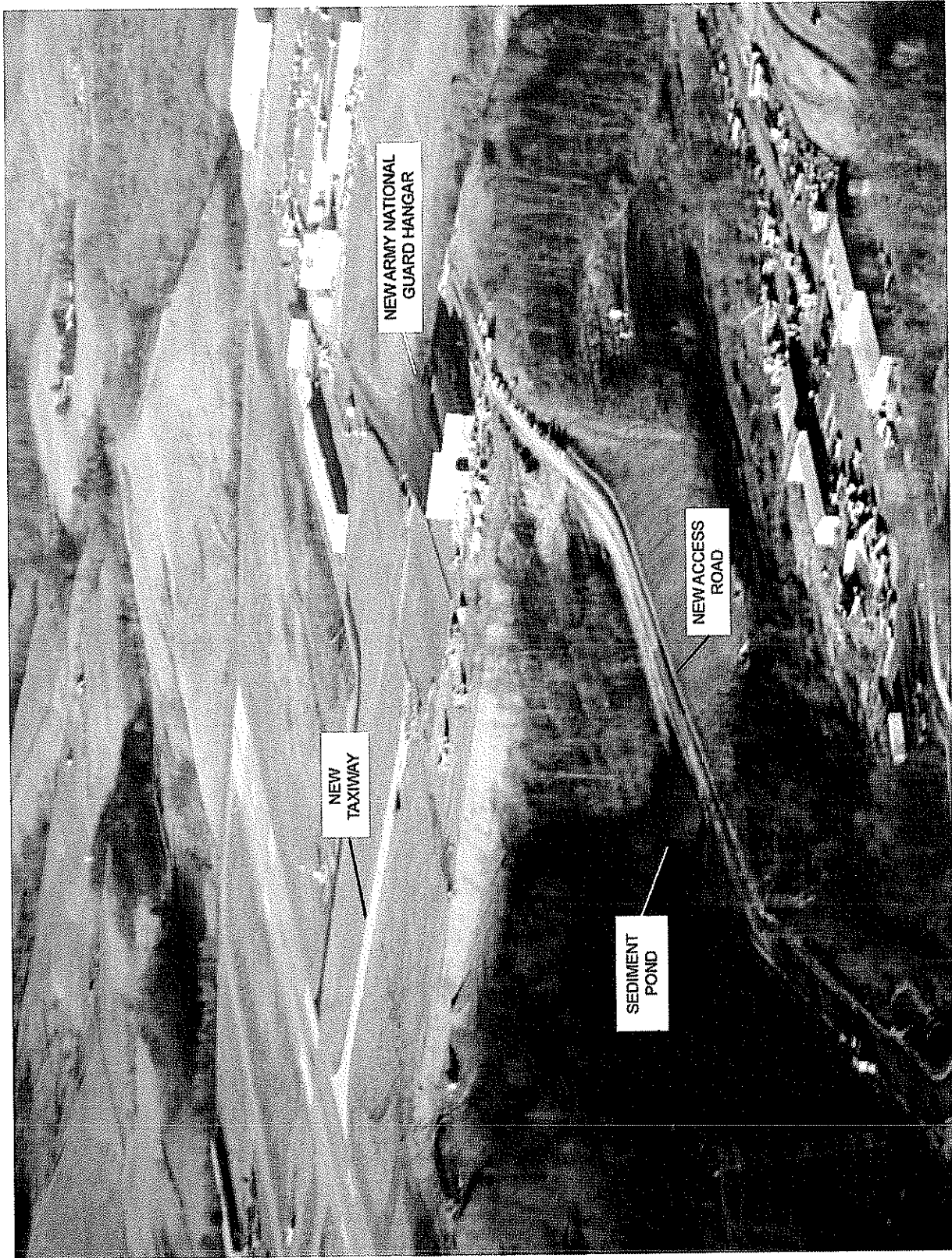




**BENEDUM AIRPORT RUNWAY EXTENSION PROJECT - 1999**



**ROUTE 279, NORTH BRIDGEPORT BYPASS - COMPLETED IN 2000**



**EASTERN ARNG FIXED WING TRAINING SITE AT BENEDUM AIRPORT  
PHOTO TAKEN: 1995; COMPLETED: 1996**

## **WATER PROJECTS**

In the last 40 years, water distribution and design has comprised a large portion of Hornor Brothers Engineer's business. Water projects have ranged in size from small line extensions on existing systems, to the development of complete water facilities where there was no central system. HBE specializes in the redesign and rehabilitation of aging, undersized systems that have been unable to keep up with subsequent growth.

The firm offers services in the area of water resources that include expertise in feasibility studies, funding applications, design, construction inspection, project management and start-up. See pictures of various water facilities and construction activity associated with some of our larger projects on the following pages.

A comprehensive list of the larger projects whose design and construction inspection Hornor Brothers Engineers has completed in more recent years includes the following:

<b>CLIENT/PROJECT</b>	<b>YEAR COMPLETED</b>	<b>TOTAL COST</b>
Huttonsville Public Service District, Randolph County	2006	\$ 6,500,000
Bingamon Public Service District, Harrison County	2006	\$ 1,300,000
Century-Volga Public Service District, Barbour County (3 <sup>rd</sup> Project)	2005	\$ 1,900,000
Adrian Public Service District, Upshur County (4 <sup>th</sup> Project)	2004	\$ 3,485,000
Town of West Union, Doddridge County	2003	\$ 810,000
Mt. Hope Water Association, Upshur County (5 <sup>th</sup> Project)	2002	\$ 3,500,000
Montana Water Association, Marion County	2002	\$ 930,000
Adrian Public Service District, Upshur County (3 <sup>rd</sup> Project)	2001	\$ 3,100,000
Gilmer County Public Service District, Gilmer County (3 <sup>rd</sup> Project)	2000	\$ 1,300,000
Wetzel County Public Service District No. 1, Wetzel County (2 <sup>nd</sup> Project)	1999	\$ 2,700,000
Century-Volga Public Service District, Barbour County (2 <sup>nd</sup> Project)	1999	\$ 2,800,000
Adrian Public Service District, Upshur County (2 <sup>nd</sup> Project)	1997	\$ 2,800,000
Gilmer County Public Service District, Gilmer County (2 <sup>nd</sup> Project)	1995	\$ 1,812,000
Haymond Public Service District, Taylor County (2 <sup>nd</sup> Project)	1994	\$ 175,000
Clarksburg Water Board, Harrison County	1993	\$ 4,400,000
Wetzel County Public Service District No. 1, Wetzel County	1993	\$ 736,000
Tri-County Water Association, Harrison, Marion and Taylor Counties	1990	\$ 1,588,000

Current projects in various stages of design or construction and their projected completion dates include the following:

CLIENT/PROJECT	PROJECTED COMPLETION DATE	TOTAL COST
Town of West Union, Doddridge County High School, Doddridge County	2007	\$1,360,000
Wetzel County Public Service District No. 1, Wetzel County (3 <sup>rd</sup> Project)	2007	\$3,825,000
Mt. Hope Water Association, Upshur County (6 <sup>th</sup> Project)	2008	\$ 175,000
Whitmer Water Association, Randolph County	2008	\$3,428,000
Adrian Public Service District, Upshur County (5 <sup>th</sup> Project)	2008	\$6,516,000
Town of West Union, Greenwood Extension, Doddridge County	2008	\$1,127,000
Mannington Public Service District, Marion County	2009	\$5,056,000
Century-Volga Public Service District, Barbour County (4 <sup>th</sup> Project)	2009	\$2,300,000

### ADRIAN PUBLIC SERVICE DISTRICT, UPSHUR COUNTY

Part of Phase III Water Project

Total Project Cost = \$3,100,000; Completed 2001



50 GPM Wilsontown Booster Station



43,000 Gallon Salem Ridge Water Storage Tank

The Adrian Public Service District has been a valued client of Hornor Brothers Engineers for over 25 years. As part of a master plan, the original system was designed with adequate capacity to serve the above Phase III project. Since the completion of Phase III we have also finalized a fourth phase of Adrian's waterline system which consisted of approximately 130,000 feet of 8", 6", 4" and 2" waterlines, two new water storage tanks and booster pump stations, and we are currently in design and awaiting funding on the Phase V project.

**CENTURY-VOLGA PUBLIC SERVICE DISTRICT, BARBOUR COUNTY**  
Total Project Cost = \$2,800,000; Completed: 1999



150 GPM Water Booster Station Located in Audra State Park  
Phase II

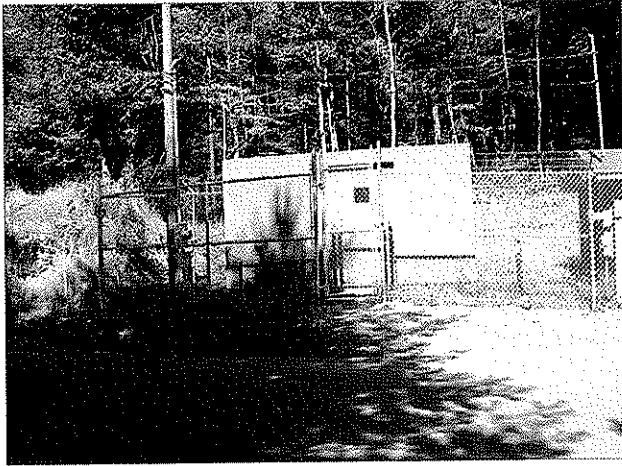


100,000 Gallon Storage Tank on Talbott Road  
Near U.S. Route 33 (Phase II)

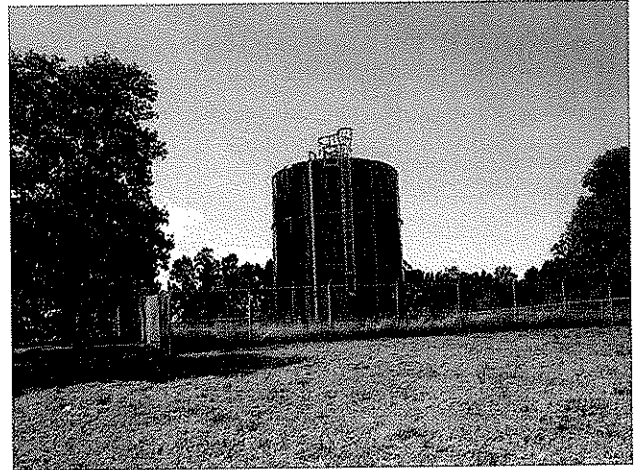
Century-Volga Public Service, another well-established client, has also utilized the expertise and experience of Hornor Brothers Engineers over the past 20 years. The pictures on this page illustrate a booster station and water storage tank built during the Phase II project in 1999.

Since then the construction of Phase III, a \$1,900,000 project consisting of approximately 76,000 feet of 6", 4" and 2" waterlines has been completed and placed into operation, serving approximately 138 customers.

**MT. HOPE WATER ASSOCIATION, UPSHUR COUNTY**  
Total Project Cost = \$3,500,000; Completed 2002  
Part of Phase V Water Project



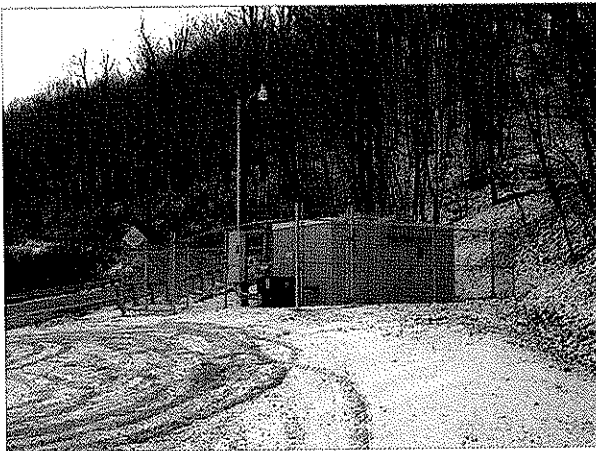
150 GPM Little Sand Run Booster Station



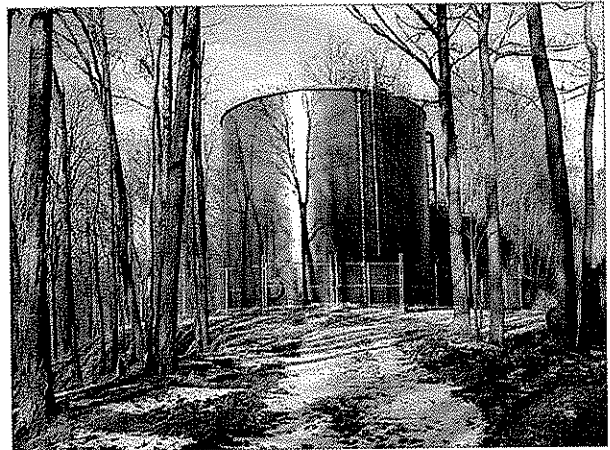
105,000 Gallon Water Storage Tank on  
Tallmansville Road Near Mt. Carmel Church Road

The Mt. Hope Water Association has been a valued client for over 35 years. The illustrations above are representative of a project which connected onto the end of the Association's existing system, which consists of four previous projects all designed by Hornor Brothers Engineers. The system began in 1970 and now has over 1000 customers.

**WETZEL COUNTY PUBLIC SERVICE DISTRICT NO. 1**  
Total Project Cost = \$2,700,000; Completed 1999



250 GPM Water Booster Station on Route 20



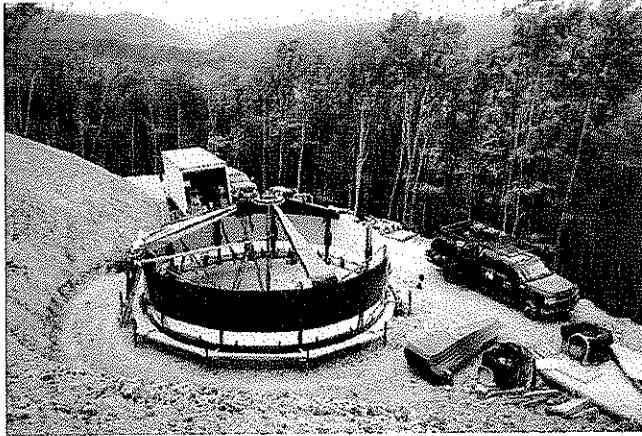
388,000 Gallon Storage Tank  
Off Route 20 West of Reader

The project illustrated above consisted of approximately 99,000 feet of 8", 6", 4" and 2" waterlines and serves 350 customers. Hornor Brothers designed the existing system with this Phase II project in mind. Treated water for the District is provided from the City of New Martinsville. We are currently beginning construction on Phase III, a \$3,600,000 project, which will serve an additional 268 customers upon completion.

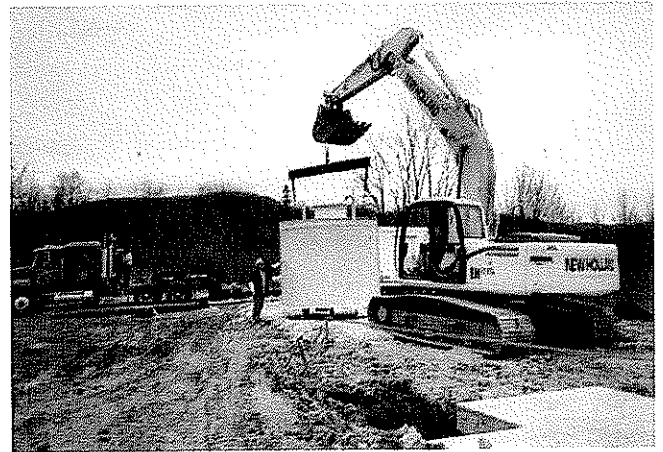
**HUTTONSVILLE PUBLIC SERVICE DISTRICT, RANDOLPH COUNTY**

Total Project Cost = \$6,500,000; Completed 2006

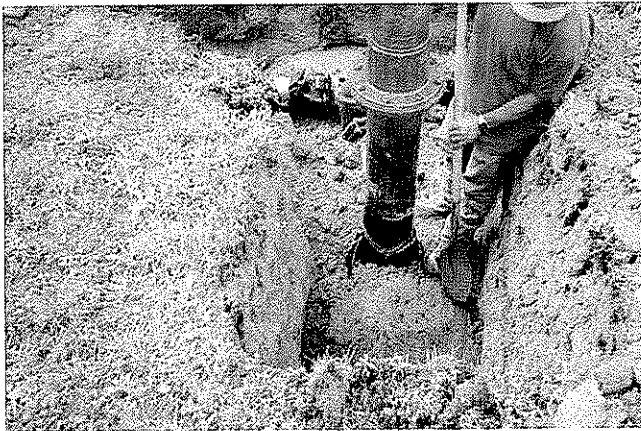
390 New Customers: 175,000 ft. of Waterline



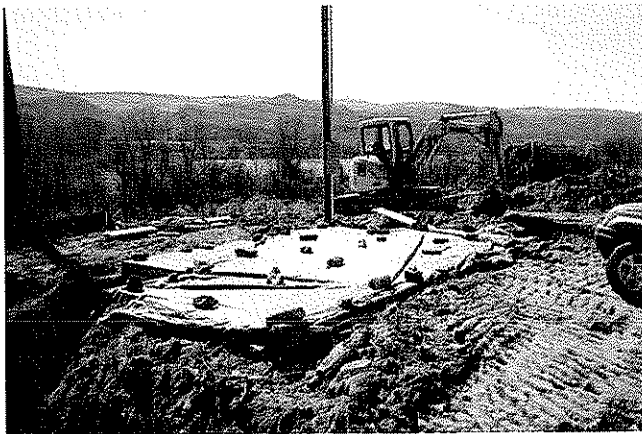
158,000 Gallon Becky's Creek Storage Tank and Site Under Construction



Background – New Master Meter Station  
Foreground – Foundation for Chemical Feed Station



Typical Thrust Blocks for Tee and Hydrant Assembly



Foundation Construction for 200 gpm  
Georgetown Road Booster Station



Connection of 10" HDPE River Crossing Pipe  
(Directionally Drilled) to 10" C-900 Pipe  
at Tygart Valley River



**MONTANA WATER ASSOCIATION**  
Total Project Cost = \$930,000; Completed 2002



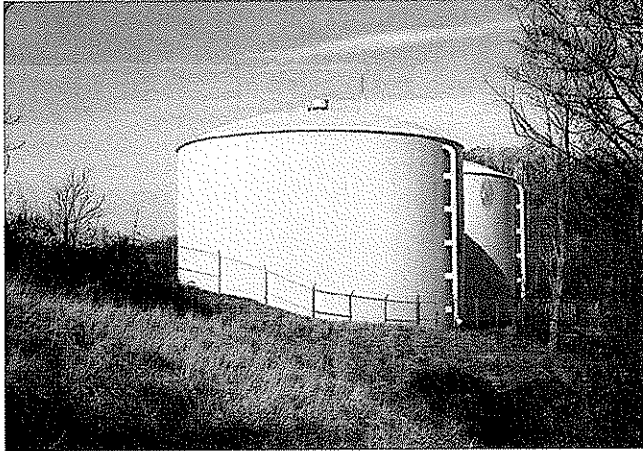
The Montana Water Association Project was comprised of the replacement of undersized waterlines and the addition of this storage tank and a new water booster pump station. The larger lines and tanks also provided reliable fire protection to a 40year old water system which had never had it before.

**BINGAMON PUBLIC SERVICE DISTRICT**  
Total Project Cost = \$1,300,000; Completed 2006



The Bingamon Public Service District water system improvement project was comprised of the replacement of approximately 20,000 ft. of old and undersized waterlines. A new 100,000 gallon water storage tank was included, as well as fire protection for the communities of Peora and Wyatt. Additionally, the PSD's two main booster pumping stations were refurbished and fitted with greater pumping capacity.

## CLARKSBURG WATER BOARD



Total Project Cost = \$4,400,000; Completed 1994  
Two 1,000,000 Gallon Storage Tanks  
Part Of FBI Water Project

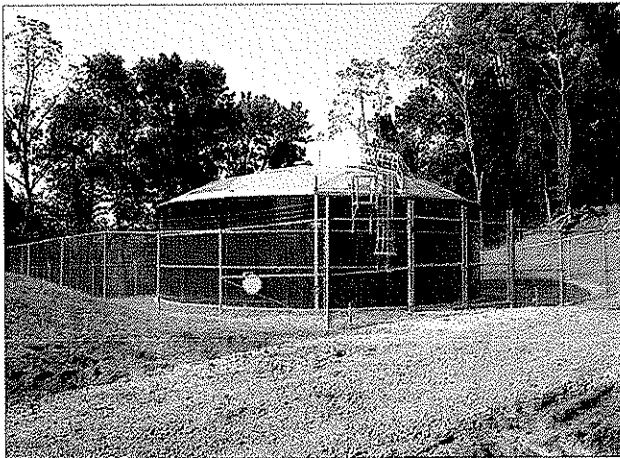


Completed in 2003  
Main Street Waterline Replacement Project  
New 12" Ductile Iron Pipe Installation

The Clarksburg Water Board extended its waterline north from Clarksburg for the purpose of connecting to the following six major customers in 1994: Enlarged Hepzibah PSD, City of Bridgeport, FBI Fingerprint Identification Complex, City of Shinnston, Summit Park PSD and Tri-County Water Association. The extension consisted of 62,000 feet of 20", 16", 12" and 8" ductile iron pipe. Also included were three 1,000,000 gallon water storage tanks, approximately 30 new residential customers and a 2,000 GPM booster station.

The Clarksburg Water Board distribution system had 8" existing waterlines along Main Street and Pike Street in Clarksburg that were over 110 years old. Carrying capacity had diminished, maintenance had increased, and the Board decided to replace these lines with new 12" ductile iron pipe. Two separate waterline extension projects, one in 2003 and another in 2004 accomplished the replacement and upgrading of those antiquated lines. The replacement involved complex excavation and line placement to work around the many other utilities inherent with a downtown area.

## TOWN OF WEST UNION



Total Project Cost = \$810,000; Completed 2003  
New 250,000 Gallon Storage Tank Behind High School

The Town of West Union obtained a West Virginia Infrastructure and Jobs Development Council loan to make various improvements to its existing municipal water system, including the replacement of old and undersized waterlines, non-functioning valves and fire hydrants and its original water storage tank. Interestingly, the new 250,000 gallon tank constructed as a part of this project, replaced an existing concrete storage tank previously designed by Hornor Brothers Engineers nearly 70 years earlier.

We are currently in the construction phase of a waterline and sewerline expansion project for the new Doddridge County high school which will be completed in 2007.

# **PROFESSIONAL STAFF RESUMES**

# Hornor

Since 1902 **Bros. Engineers**  
Civil, Environmental and Consulting Engineering

Main & Third Streets · P.O. Box 386 · Clarksburg, West Virginia 26302 ·  
(304) 624-6445 · Fax (304) 624-6448 · www.HBE1902.com

## PROFILE

### EDUCATION

B.S., Civil Engineering, West Virginia University, 1982

### REGISTRATION

Professional Engineer, West Virginia, 1987  
Professional Surveyor, West Virginia, 1995

### AFFILIATIONS

West Virginia Society of Professional Engineers (WVSPE)  
American Society of Civil Engineering (ASCE)  
National Society of Professional Engineers (NSPE)  
West Virginia Rural Water Association

### EXPERIENCE

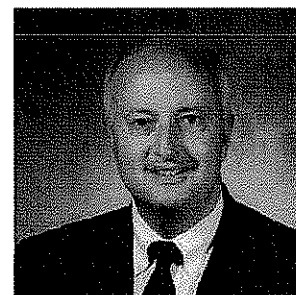
Years Experience with HBE: 23  
Years Experience with Other Firms: 3

Trey Hornor, President of Hornor Brothers Engineers, combines over 20 years of design expertise with his family owned and operated company of over 100 years to help meet the needs of clients in north central West Virginia area. He upholds the highest standards in providing reliable, professional service to our customers with value driven results.

### CURRENT RESPONSIBILITIES

As President of the firm, Trey is responsible for the management and execution of most of the firm's engineering assignments, assuring professional work and timely execution. Primary activities include the overall planning, design and project management of water, sewer, and land development project in West Virginia.

**Paul A. Hornor III, P.E.**  
**President**



### PROJECTS

Trey has been involved with the development and design of the following completed projects:

#### Water Systems

PROJECT	COUNTY	
Adrian Public Service District	Upshur	5 Projects
Tri-County Water Association	Marion	
Gilmer County Commission (Kanawha Drive Water Project)	Gilmer	
Sun Valley Public Service District	Harrison	
Wetzel County Public Service District No. 1	Wetzel	3 Projects
Clarksburg Water Board	Harrison	FBI Project
Gilmer County Public Service District	Gilmer	2 projects
Century-Volga Public Service District	Barbour	3 Projects
Bingamon Public Service District	Harrison	
Huttonsville Public Service District	Randolph	
Town of West Union	Doddridge	3 Projects
Mannington Public Service District	Marion	
Whitmer Water Association	Randolph	

#### Sewer Systems

Design and overall project management of several sanitary systems, including a \$7,000,000 collection and treatment project for the Lumberport Area Public Service Sewer District in Harrison County.

#### Miscellaneous

Design and/or project oversight of land development projects comprised of earthwork and embankment, drainage, paving, erosion and sediment control and restoration. Completed projects include parking lots, residential subdivisions, commercial sites and airport development.

# Hornor

Since 1902 **Bros. Engineers**  
Civil, Environmental and Consulting Engineering

Main & Third Streets · P.O. Box 386 · Clarksburg, West Virginia 26302 ·  
(304) 624-6445 · Fax (304) 624-6448 · www.HBE1902.com

## PROFILE

### EDUCATION

B.S.E.T. Civil Engineering, Fairmont State College,  
1982

### REGISTRATION

Professional Engineer, West Virginia, 1999  
Professional Surveyor, West Virginia, 1990

### EXPERIENCE

Years Experience with HBE: 25  
Years Experience with Other Firms: 0

Tom Corathers, Project Manger for HBE has served the company in various capacities during his tenure. He is experienced and knowledgeable in the surveying, design, estimating and management of projects. Tom works closely with our clients, maintaining high standards, while providing reliable, professional service.

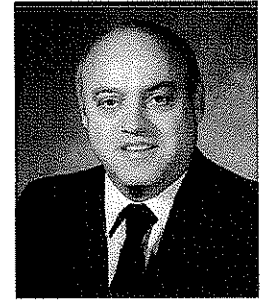
### AFFILIATIONS

National Society of Professional Engineers (NSPE)  
West Virginia Association of Land Surveyors

### CURRENT RESPONSIBILITIES

As Project Manager, Tom is responsible for the general oversight of the office engineering, and technical and surveying work. His primary activities include planning, design, review and project management of land development, drainage, site design, sidewalk, streetscape and paving projects.

**Thomas D. Corathers P.E., P.S.**  
Project Manager



### PROJECTS

Tom has been involved with the development, design and project management of the following projects:

Sewer Projects	County
Lumberport Area Public Sewer Service District	Harrison
John Brennan, Route 50, Quik Mart Store	Taylor
Heritage Farms Subdivision	Harrison
Valley View Subdivision	Harrison

Streetscape Projects	County
City of Clarksburg Streetscape (4 projects)	Harrison
City of Bridgeport Streetscape (3 projects)	Harrison
City of Weston Streetscape (2 projects)	Lewis
City of Morgantown	Monongalia

Land Development/Subdivision Projects	County
UHC New Hospital Site	Harrison
Highland Court	Harrison
Crystal Ridge	Harrison
Heritage Farms	Harrison
Bennett Manor	Harrison
Auburn Village	Harrison
Heavenly Trails	Marion
Timber Ridge	Marion
Meadow Point	Harrison

Paving and Drainage Projects	County
United Hospital Center (6 projects)	Harrison
Fairmont State College (5 projects)	Marion
Harrison County Board of Education (2 projects)	Harrison
Town of Lost Creek (2 projects)	Harrison

### MISCELLANEOUS

Design and/or project oversight of earthwork slide correction and concrete and block retaining wall projects. As a former survey manager for the firm, Tom provides advice and counsel on surveying related issues as the need arises.

# Hornor

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## PROFILE

### EDUCATION

B.S. Civil Engineering, West Virginia University, 2004

### REGISTRATION

FE/EIT

### EXPERIENCE

Years Experience with HBE: 2 years

Years Experience with Other Firms: 2.5

Joseph Robinson, Design Engineer has a broad knowledge and experience in the following areas:

Work Experience	Details
Subdivision Design	Site grading, sanitary sewer, storm sewer, water, roads, sediment and erosion control and hydrology (HydroCAD 7.0 and TR 55 Method)
Structural Design	Pile and concrete foundations including grade beams, and timber and engineered wood beam design and connections thereof.
Design and Drafting	Drafting with LDD and Civil 3D; plan, profile and details
Engineering Management	Site plan, concept, forest conservation, wetlands, plat, planning and zoning, city, county and state review agencies
Site Design	Paving, sidewalks, curbs, drainage, utilities, erosion and sediment control

### AFFILIATIONS

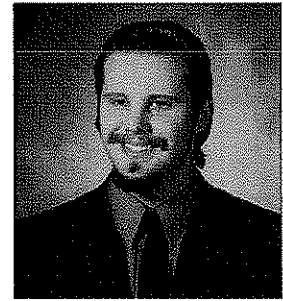
American Society of Civil Engineers (ASCE)

American Concrete Institute (ACI)

### CURRENT RESPONSIBILITIES

As Design Engineer, Joseph is responsible for the technical design and calculations for infrastructure and site development associated with residential, commercial and industrial projects.

**Joseph D. Robinson EIT**  
Design Engineer



### PROJECTS

Joseph is currently involved with the development and design of the following projects:

Sewer Projects	County
Heritage Farms Subdivision	Harrison

Land Development/Subdivision Projects	County
UHC New Hospital Site	Harrison
Heritage Farms	Harrison
City of Bridgeport – Public Safety Sub-Station Site	Harrison

Paving and Drainage Projects	County
United Hospital Center (2 projects)	Harrison
Heritage Farms	Harrison

Streetscape Projects	County
City of Clarksburg, Business District Improvements - 2007	Harrison
City of Glenville Sidewalk Replacement Project	Gilmer

### MISCELLANEOUS

Computer Skills include: Microsoft Office, AutoCAD 2006, Autodesk Land Development Design (LDD) 2004 and Civil 3D 2006, Risa2D, EPANet, FEMap, HydroCAD 7.0, Windows Environment.

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## PROFILE

### EDUCATION

West Virginia University 1980-1984  
Civil Engineering & Preparatory Courses

### REGISTRATION

Professional Surveyor, West Virginia, 1990

### AFFILIATIONS

West Virginia Association of Land Surveyors

### EXPERIENCE

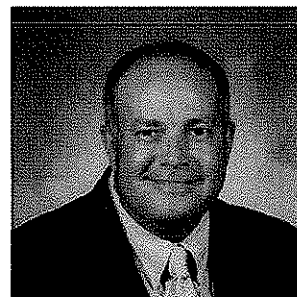
Years Experience with HBE: 16  
Years Experience with Other Firms: 2

John Hornor, Survey Manager, has experience which includes waterline construction inspector duties and AutoCad operator experience for survey plats, water system mapping and site development drawings. John is also experienced as a field survey party chief for all types of land surveys, including property and topographic surveys, Alta surveys, elevation certificates, and construction stakeout.

### CURRENT RESPONSIBILITIES

John directs the work of a three-person field survey crew, which includes meeting with clients to review the scope of work, courthouse research, site visits and the preparation of plats and descriptions. He also oversees the field survey operations for water and sewer projects and subdivision layout.

**John W. Hornor, P.S.**  
Surveyor Manager



### PROJECTS

John has been involved in the surveying aspect of Hornor Brothers Engineers' property, land and municipal development and waterline projects, including the following:

Project	County
Charles Pointe – Various Site Development Surveys	Harrison
Highland Ridge Subdivision and Property Stakeout	Taylor
Clarksburg Water Board – Surveying and Mapping of Dam Sites	Harrison
Crystal Ridge Development/Dan Ryan Builders	Harrison
Jones Development/Fed Ex Ground	Harrison
NRCS Elkwater Fork Dam Project	Randolph
Glimcher Group/Home Depot	Harrison
Bridgeport, Clarksburg, Weston & Morgantown Streetscape Projects	Various
Heritage Farms Subdivision and Property Stakeout	Harrison
Land Management Group	Marion
Hardy County Dam Project for NRCS	Hardy
Water Project Mapping for Whitmer Water Association, Town of West Union, Adrian PSD, Huttonsville PSD and others	Various
Casco – Toys 'R Us	Harrison
United Hospital Center – Various Projects	Harrison
Fairmont State College – Various Projects	Marion

## **REFERENCES**



## **WATER AND SEWER REFERENCES**

### **ADRIAN PUBLIC SERVICE DISTRICT**

Don Killingsworth, Chairman  
P.O. Box 87  
French Creek, WV 26218  
Phone (304) 924-6107; Home (304) 472-0879  
Virgil K. Greenleaf, Past Chairman  
Phone (304) 472-4878

### **BINGAMON PUBLIC SERVICE DISTRICT**

Rusty Kuhens, Operator  
P.O. Box 87  
Wyatt, WV 26463  
Phone (304) 592-0778

### **CENTURY-VOLGA PUBLIC SERVICE DISTRICT**

Linda Rice, General Manager  
Route 1, Box 72  
Philippi, WV 26416  
Phone (304) 457-5735

### **LUMBERPORT AREA PUBLIC SERVICE SEWER DISTRICT**

John Kissella, Treasurer  
P.O. Box 249  
Lumberport, WV 26386-0249  
Phone (304) 592-2083 (Work)

### **MT. HOPE WATER ASSOCIATION**

Larry Farnsworth, President  
Route 2, Box 355-G  
Buckhannon, WV 26201  
Phone (304) 472-0704

### **RURAL UTILITIES SERVICE**

David E. Satterfield, State Engineer (Retired)  
153 Mingo Street  
Morgantown, WV 26505  
Phone (304) 296-8034

### **TOWN OF WEST UNION**

Etta Stadler, City Clerk  
P.O. Box 5  
West Union, WV 26456  
Phone (304) 873-1400

### **WETZEL COUNTY PUBLIC SERVICE DISTRICT NO. 1**

Forrest Tennant, Chairman  
P.O. Box 36  
Reader, WV 26167  
Phone (304) 386-4578  
Keith Nelsen, Manager, Phone (304) 386-4870

## **MUNICIPAL/SITE DEVELOPMENT REFERENCES**

### **CITY OF BRIDGEPORT**

Mr. Randy Spellman  
Director of Community Development  
P.O. Box 1310  
Bridgeport, WV 26330  
Phone (304) 842-8218

### **CITY OF CLARKSBURG**

Mr. Anthony Bellotte, Director of Public Works  
902 N. Third Street  
Clarksburg, WV 26301  
Phone (304) 624-1681

### **NORTH CENTRAL WEST VIRGINIA AIRPORT**

James Griffith, Airport Manager  
2000 Aviation Way  
Bridgeport, WV 26330  
Phone (304) 842-3400

### **WYK ASSOCIATES, INC.**

William E. Yoke  
205 Washington Avenue  
Clarksburg, WV 26301  
Phone (304) 624-6326

### **FAIRMONT STATE COLLEGE**

Larry Lawrence, Director of Facilities  
1201 Locust Avenue  
Fairmont, WV 26554  
Phone (304) 367-4295

### **UNITED HOSPITAL CENTER**

Geoff Marshall, Vice President  
Engineering Support Services  
P.O. Box 1680  
Clarksburg, WV 26302-1680  
Phone (304) 624-2227

### **HERITAGE FARMS SUBDIVISION**

William E. Morton, Developer  
Route 3, Box 12  
Bridgeport, WV 26330  
Phone (304) 842-2303

### **LANG BROTHERS, INC.**

Rob Lang, President  
Crystal Ridge Subdivision  
P.O. Box 910  
Bridgeport, WV 26330  
Phone (304) 842-5402