

**SEALED BID**

**Buyer: GN-23**  
**RFQ No.: DEP15789**  
**Bid Opening Date: 4/03/2012**  
**Bid Opening Time: 1:30 PM**

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

C/o Department of Administration  
Purchasing Division  
2019 Washington Street East  
P.O. Box 50130  
Charleston, WV 25305-0130



Allegheny Surveys, Inc.  
237 Birch River Road  
P.O. Box 438  
Birch River, WV 26610  
Ph: 1-800-482-8606  
Fax: 304-649-8608

RECEIVED

2012 APR -3 AM 10:11

WV PURCHASING  
DIVISION

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Land Surveyors, Mineral and  
Construction Consultants

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Surveying West Virginia  
Since 1988

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Marshall W. Robinson, PS  
Licensed in WV, VA, OH, KY and PA  
Dwayne D. Matheny, PS  
David W. King, PS  
Stacey O. Brown, PS  
Kenneth J. Plum, PS

Ben R. Singleton, PS  
Dwayne A. Hall, PS, SU  
Damon L. Wilkewitz, PS  
William G. Yetzer, PS  
Licensed in WV, CO and UT  
J. Randall Coots, RPF

April 2, 2012

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

C/o Guy Nisbet  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
PO box 50130  
Charleston, WV 25305-0130

RE: RFQ Number – DEP15789

Dear Mr. Nisbet:

Allegheny Surveys, Inc. appreciates the opportunity to provide this response to your RFQ for "CAD Services in Northern/Southern WV". Allegheny Surveys, Inc., established in 1988, is a full service surveying and CAD services firm with three offices throughout West Virginia, located in Birch River, Bridgeport and Alum Creek. Our firm currently has forty-seven (47) employees, in the three offices, and the capacity to field twelve (12) crews. It employs nine (9) licensed Professional Surveyors, a Registered Professional Forester and six (6) full-time CAD technicians. Our firm is highly qualified and experienced in performing the services you require, and meets all qualification requirements listed in the RFQ for these projects.

Following is the information to be included in the bid as described on Page 9 of the RFQ.

Section C- Qualification Requirements & Evaluation Factors

I. Offeror Qualification Requirements

1. Names of individuals performing work including years of CAD experience.

- Stacey O. Brown, 19 years
- Michele G. Frame, 16 years
- Christopher W. Renneman, 10 years
- Noah Gibson, 7 years

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237 Birch River Road P.O. Box 438  
Birch River, WV 26610  
Ph: 1-800-482-8606 Fax: (304) 649-8608  
E-mail: infobirch@alleghenysurveys.com

1413 Childress Road P.O. Box 108  
Alum Creek, WV 25003  
Ph: (304) 756-2949 Fax: (304) 756-2948  
E-mail: infoalumcreek@alleghenysurveys.com

172 Thompson Drive  
Bridgeport, WV 26330  
Ph: (304) 848-5035 Fax: (304) 848-5037  
E-mail: infobridge@alleghenysurveys.com



- Joseph R. Wardell, 5 years
  - Scott Brown, 4 years
  - Jason Gravely, 1 year
2. List of similar projects completed by your firm (included past five (5))
    - Eastern Arrow Corp., Inc. - Garden Ground Highwalls - Phase I - Fayette County, WV - Prepare cross-sections, site plans and volume calculations for as-built, 147.1 acres total
    - Green Mountain Company - Zebb's Creek Highwall #2 - Barbour, WV - Prepare as-built information for submittal, 8.6 acres
    - Cowgirl Up, Inc. - Saul's Run Carpenter Landslide - Lewis County, WV - Prepare cross-sections, site plans and volume calculations for as-built, 8.6 acres
    - Cowgirl Up, Inc. - Crooked Run Reclamation - Harrison County - Prepare cross-sections, site plans and volume calculations for as-built, 4.3 acres
    - Eastern Arrow Corp., Inc. - Barker Portals & Strip - Barbour County, WV - Prepare as-built mapping, cross-sections, volume calculations and reports, 17.6 acres
  3. List of similar projects currently working on.
    - Green Mountain Company - Squire's Creek Portals & Refuse - Preston County, WV - Prepare cross-sections and site plan, 4 acres ±
    - Cowgirl Up, Inc. - Birds Creek Reclamation - Preston County - Prepare cross-sections, site plans and volume calculations for as-built, 6.7 acres
    - Cowgirl Up, Inc. - Douglas Run Strip - Harrison County - Prepare cross-sections, site plans and volume calculations for as-built, 7.5 acres
    - Stanley Industries, inc. - Valley Bend Strip - Barbour County - Prepare cross-sections, site plans and volume calculations for as-built, 6.0 acres
  4. Name of Project Manager anticipated for this project.
    - Stacey O. Brown, PS
  5. Number of years your company has performed this type of work.
    - Allegheny Surveys, Inc. has performed numerous topographic surveys of various sizes over the last (22) years. These projects have included surveys for AML sites, airports, stream mitigation and enhancement, surface mines, land development and improvement projects, natural gas sites and government installations to name a few. These project have required topographic site plans, profiles, cross-sections and details. Although Allegheny Surveys, Inc. has not prepared development drawings for AML Projects in the past, several projects have required the use of these drawings for the as-built surveys of these sites. The CAD Technicians employed with this firm are capable of preparing these drawings and doing so in a timely fashion.

Enclosed is a copy of our qualifications packet detailing some of the projects that we have performed in the past, senior personnel, equipment and software. We appreciate the opportunity to provide you with this response to the RFQ. Should you have any questions or comments, please do not hesitate to contact me at (800) 482-8606.

Cordially,



Stacey O. Brown, PS



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

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

### INSTRUCTIONS TO BIDDERS

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





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

# Request for Quotation

RFO NUMBER
DEP15789

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
GUY NISBET 304-558-8802

RFO COPY

VENDOR  
\*401084549 304-649-8606  
Allegheny Surveys, Inc.  
PO Box 438  
237 Birch River Rd.  
Birch River, WV 26610

SHIP TO  
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	F.O.B.	FREIGHT TERMS
02/24/2012				

BID OPENING DATE: 04/03/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		205-05		
CAD SERVICES IN NORTHERN/SOUTHERN WV (OPEN-END)						
REQUEST FOR QUOTATION						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY THE WEST VIRGINIA DEPARTMENT OF ENVIROMENTAL PROTECTIO IS SOLICITING QUOTATIONS FROM QUALIFIED VENDORS TO PROVIDE "CAD" SERVICES FOR ABANDONED MINE LAND PROJECTS IN NORTHERN AND SOUTHERN COUNTIES OF WEST VIRGINIA. CAD SERVICES MAY BE REQUIRED PER THE ATTACHED SPECIFICATIONS, SCOPE OF WORK, BID REQUIREMENTS, TERMS AND CONDITIONS, AND ATTACHED BID SCHEDULE.						
DEP MAY AWARD CONTRACTS TO UP TO FOUR (4) VENDORS						
INQUIRES:						
WRITTEN QUESTIONS SHALL BE ACCEPTED THROUGH 3PM ON FRIDAY 16TH OF MARCH, 2012..... QUESTIONS MAY BE SENT VIA: USPS, FAX, COURIER OR EMAIL. IN ORDER TO ASSURE NO VENDOR RECEIVES AN UNFAIR ADVANTAGE, NO SUBSTANTIVE QUESTIONS WILL BE ANSWERED ORALLY. IF POSSIBLE, EMAIL QUESTIONS ARE PREFERRED. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL WRITTEN ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED.						
ADDRESS INQUIRES TO:						
GUY NISBET						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
<i>Guy Nisbet</i>	304-649-8606	4/2/12
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
Professional Surveyor	550732600	

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





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

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ADDRESS CORRESPONDENCE TO ATTENTION OF:

GUY NISBET  
304-558-8802

\*401084549 304-649-8606

Allegheny Surveys, Inc.  
PO Box 438  
237 Birch River Rd.  
Birch River, WV 26610

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	F.O.B.	FREIGHT TERMS		
02/23/2012						
BID OPENING DATE: 04/03/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
	DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON STREET, EAST CHARLESTON, WV. 25305 FAX: 304.558.4115 EMAIL: GUY.L.NISBET@WV.GOV  EXHIBIT 1  LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AWARD..... AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.  UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT BY THE STATE OF WEST VIRGINIA, ITS AGENCIES, OR POLITICAL SUBDIVISIONS, THE TERMS, CONDITIONS AND PRICING SET FORTH HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.  RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.  CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE					
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>[Signature]</i>		TELEPHONE 304-649-8606		DATE 4/2/12		
TITLE Professional Surveyor		FEIN 550732600		ADDRESS CHANGES TO BE NOTED ABOVE		

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





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T Allegheny Surveys, Inc.  
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Birch River, WV 26610

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	F.O.B.	FREIGHT TERMS		
02/23/2012						
BID OPENING DATE: 04/03/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.						
OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).						
INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COVERAGE OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF THE CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$1,000,000.00						
BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.						
REV. 9/98 EXHIBIT 10						
REQUISITION NO.: DEP15789						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
<i>Sty. Skan</i>		304-649-8606		4/2/12		
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		
Professional Surveyor		85073600				

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





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25304 304-926-0499

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02/23/2012						
BID OPENING DATE: 04/03/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
20. 1	.....					
NO. 2	.....					
NO. 3	.....					
NO. 4	.....					
NO. 5	.....					
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.						
VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.						
<div>..... SIGNATURE ..... COMPANY ..... DATE</div>						
NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE BID.						
REV. 09/21/2009						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE		TELEPHONE		DATE		
.....		304-649-8606		4/2/12		
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		
Professional Surveyor		55 0732600				

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





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TY Allegheny Surveys, Inc.  
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02/23/2012						
BID OPENING DATE: 04/03/2012		BID OPENING TIME 01:30PM				
LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<b>NOTICE</b>						
A SIGNED BID MUST BE SUBMITTED TO:						
DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:						
SEALED BID						
BUYER: GN-23						
RFQ. NO.: DEP15789						
BID OPENING DATE: 04/03/2012						
BID OPENING TIME: 1:30PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
(304) 649-8608						
CONTACT PERSON (PLEASE PRINT CLEARLY):						
STACEY BROWN						
SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE <i>Stacy Brown</i>			TELEPHONE 304-649-8606		DATE 4/2/12	
TITLE PROFESSIONAL Surveyor			FEIN 550732600		ADDRESS CHANGES TO BE NOTED ABOVE	

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



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ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION.						
***** THIS IS THE END OF RFQ DEP15789 ***** TOTAL:						\$72,000

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>[Signature]</i>	TELEPHONE 304-649-8606	DATE 4/2/12
TITLE Professional Surveyor	FEIN 550732600	ADDRESS CHANGES TO BE NOTED ABOVE

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



**CAD SERVICES OPEN-END CONTRACT  
NORTHERN & SOUTHERN COUNTIES OF WEST VIRGINIA  
DEP15789**

**Section A – Scope of Services**

**Background**

DEP is mandated by the Surface Mining Control and Reclamation Act of 1977, Public Law 95-87, to reclaim lands and water affected by coal mining that impose social and economic costs on residents, impair environmental quality, prevent or damage the beneficial use of land or water resources or endanger the health and safety of the public.

**Scope of Work**

The scope of work shall include the development of detailed Abandoned Mine Land Project Drawings consisting of cover sheets, existing conditions, reclamation plan, cross sections, profiles and details. In addition, services requested will include the performance of area, linear and volume calculations for the purpose of DEP engineering design. All work will be under the direction of, reviewed and signed by a DEP professional engineer. The work to be performed under the direction of the DEP engineer will be accomplished by exchange of electronic drawings as well as plotted copies, in addition to meetings on site or at an office location. The Offeror will provide CAD Operator(s) to complete these tasks under the review of a DEP engineer.

**Section B – Contractual Information & Requirements**

**I. Statement of Work**

The Contractor shall furnish all personnel, facilities, equipment, material, supplies, and services for all of the scope of work required in this contract.

**II. Location of Work**

The area of work shall include both the northern and southern coalfields across the entire State of West Virginia. Projects will be coordinated with engineers from the DEP offices located in Philippi, Oak Hill and Charleston.

### III. Ordering Procedure

- A. This is an indefinite quantity contract for the services specified in the Statement of Work and for the period set forth herein. Delivery or performance shall be made in accordance with the provisions of this contract.
- B. Work will be ordered by the DEP (Project Manager) by issuance of a Work Directive, which shall specify the location of the project site, the specified problem, the work to be performed and the time frame during which the work must be completed. The Contractor will then be responsible for contacting DEP to arrange a meeting to discuss the proposed project scope. DEP will provide base topographical mapping for the project and access to standard drawing formats and details. Upon completion of the meeting with a DEP representative, the Contractor will submit a cost proposal for the work requested, signed by a principal of the firm. The individual project cost proposal which contains the quantity estimates shall be in accordance with the unit prices provided in the response to this RFQ. Periodic site visits with the DEP may be required.

### IV. Delivery

- A. The Offeror shall prepare, submit and deliver all drawings and/or calculations as may be requested by the specific Work Directive within the time frame established for the project. The submission of all preliminary documents or required revisions must also be accomplished within said time frame. Additional time will be given for completion of any revisions and to provide time for billings. Such time to be defined as the performance period. If these time frames are not met, the DEP may refrain from issuing further Work Directives and if a Contractor persists in being late with submittals, the DEP may refuse to renew the Contractor's contract.
- B. The work and services to be performed under this contract shall be subject to continuous monitoring and inspection by the State's authorized representatives. Such inspection will, among other things, ensure compliance. Final inspection and acceptance will be made by the DEP (Project Manager) or authorized representative(s).
- C. In accomplishing services to fulfill the requirements of Work Directives, neither the Contractor nor his Subcontractor shall create any adverse environmental effects, and shall be responsible for compliance with all applicable local, state and federal environmental and occupational health and safety laws and regulations pertinent to the work.
- D. Any Contractor shall be ineligible to bid on any aspect of the construction phase of a project if it prepared any part or aided in the preparation of any part of the contract documents for construction.



- E. DEP may retain ten percent (10%) of the Offeror's invoices until such time as the Assistant Director is satisfied that all of the conditions of the contract have been met. The Offeror must be responsible for taking any and all such measures as are necessary to correct any defect(s) arising out of the contract which are proven to be as a result of error(s) in the mapping. Such corrective action(s) shall be performed to the satisfaction of the Assistant Director.

#### V. Cost and Payments

- A. Payment to the contractor will be made on the basis of the items and unit prices outlined in the Purchase Order.
- B. The Offeror shall invoice after the completion of work specified in the Work Directive and after submission of all required work when the performance period is less than thirty (30) days. Invoices may be submitted monthly when the performance period exceeds 30 days. The State may retain 10 percent of each invoice to guarantee that all of the conditions of the contract have been met. This retainage may be held for a period of six (6) months and shall run from the date that construction on a project commences. However, final payment (except for any retainage which may be held) will only be made after all work and reports specified in a Work Directive and this contract are delivered and accepted by the State. All invoices shall show labor, travel, other expenses incurred during the billing period and the work yet to be accomplished. Invoices showing costs not clearly identifiable will not be paid. No payment(s) will be authorized for any work incurred as a result of any error on the part of the Contractor.

### Section C – Qualification Requirements & Evaluation Factors

#### I. Offeror Qualification Requirements

The Offeror shall demonstrate the capability of providing senior level CAD services.

During the performance of this contract, the Contractor agrees to follow and obey all Federal and State Laws and Regulations, etc.

The Offeror must meet the requirements listed below in order to be considered qualified to perform the work designated by this RFQ. Successful Offerors should have the following professional capabilities or staff available at the time of the bid:

- Professional Computer Aided Drafting Capabilities;
- Minimum eight (8) years CAD experience;

- Must demonstrate that employee (s) designated have participated in preparation of drawings on a minimum of five (5) AML Reclamation Projects;
- Adequate Computer Aided Design Capabilities (AutoCAD Version Release 17 or Engineer approved alternate);
- Capacity to process and complete multiple projects within the designated time frames

Vendors must submit the following at the time of bid:

1. Names of individuals performing work including years of CAD experience.
2. List of similar projects completed by your firm and each individual offered in this RFQ (included past five (5)).
3. List of similar projects currently working on.
4. Name of Project Manager anticipated for this project.
5. Number of years your company has performed this type of work.

II. The Contractor will be required to have knowledge or experience in the following areas:

A. Development of AML Project drawings including cover sheet, existing conditions, reclamation plan, grading and drainage layout, details and profiles.

III. All work prepared under this contract will be performed under the direction and reviewed by a Professional Engineer employed by the DEP and his or her stamp and signature will be affixed to the cover sheet of all contract documents.

IV. On certain projects the Contractor shall obtain additional umbrella insurance liability coverage for no less than \$ 1,000,000.00 for bodily injury and property damage for each occurrence, and not less than \$ 1,000,000.00 aggregate. This coverage will be over and above the standard insurance coverage required on all projects, which is \$ 1,000,000.00 for bodily injury and property damage for each occurrence and not less than \$ 1,000,000.00 aggregate. Successful bidders will be required to provide a Certificate of Insurance or some form of certified proof that this insurance can be obtained on demand prior to the issuance of this contract. All employees of the Contractor and of Subcontractors engaged in the work of this contract shall be covered by West Virginia Workers' Compensation Insurance. Certificates shall be provided to DEP by the Contractor and Subcontractors showing compliance with the Workers' Compensation Laws of West Virginia.

\*DEP may award contracts to up to four (4) vendors.



**CAD SERVICES (OPEN-END CONTRACT)  
NORTHERN & SOUTHERN COUNTIES OF WV  
DEP15789  
BID SCHEDULE**

The DEP reserves the right to request additional and supporting documentation regarding unit prices when the unit price appears to be unreasonable.

[illegible]

\*These are estimated quantities for bidding purposes only.

Rev 09/08

## State of West Virginia

**VENDOR PREFERENCE CERTIFICATE**

Certification and application\* is hereby made for Preference in accordance with *West Virginia Code*, §5A-3-37 (Does not apply to construction contracts). *West Virginia Code*, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the *West Virginia Code*. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Resident Vendor Preference, if applicable.

1. **Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,

Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or,

Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or,

2. **Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

3. **Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,

4. **Application is made for 5% resident vendor preference for the reason checked:**

Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

5. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,

6. **Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid, or (b) assess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency or deducted from any unpaid balance on the contract or purchase order.

By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information deemed by the Tax Commissioner to be confidential.

Under penalty of law for false swearing (*West Virginia Code*, §61-5-3), Bidder hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: ALLEGHENY SURVEYS, INC

Signed: [Signature]

Date: 4/2/12

Title: Professional Surveyor

\*Check any combination of preference consideration(s) indicated above which you are entitled to receive.



RFO No. DEP 15789STATE OF WEST VIRGINIA  
Purchasing Division**PURCHASING AFFIDAVIT**

West Virginia Code §5A-3-10a states: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

**DEFINITIONS:**

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

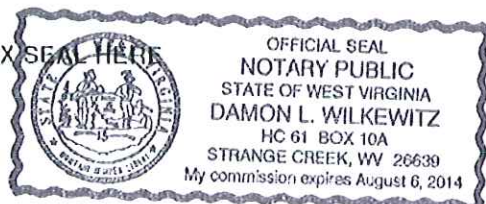
"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

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

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

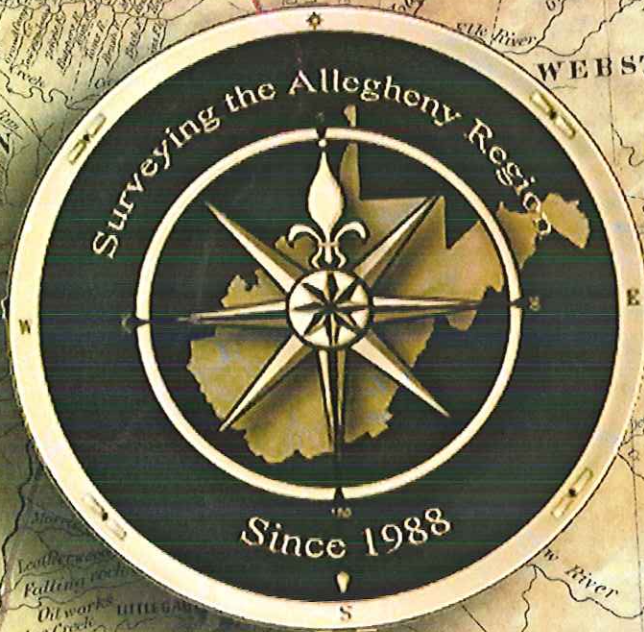
**WITNESS THE FOLLOWING SIGNATURE**Vendor's Name: ALLEGHEMY SURVEYS, INC.Authorized Signature: [Signature] Date: 4/2/12State of WEST VIRGINIACounty of NICHOLAS, to-wit:Taken, subscribed, and sworn to before me this 2<sup>nd</sup> day of APRIL, 2012My Commission expires AUGUST 6, 2014.

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]



# Allegheny Surveys, Inc.







***Allegheny Surveys, Inc***  
Surveying the Allegheny Region since 1988

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## *Company Overview*

Section 1

Originally founded in 1988 in Birch River, West Virginia as Allegheny Land Surveying, Allegheny Surveys, Inc. (incorporated in 1994) is a land-surveying firm that for many years provided the coal and timber industries with their surveying and mapping needs.

The firm specializes in large boundary surveys, often of several thousand acres, underground and surface mine surveys, construction surveys and topographic surveying. It has undertaken many large projects, including a nearly completed 27,000 acre boundary survey, and has had numerous long-term clients who have remained faithful to it for years. In 1995, the firm undertook to learn to utilize GPS technology in its services, and has become a leader in that field since that time. It has performed extensive GPS control surveys all over West Virginia and also in Kentucky, Indiana, Illinois and Maryland.

The owner of the firm is Marshall Robinson, who has been a licensed professional surveyor in West Virginia since 1988, in Virginia, Kentucky and Ohio since 2005 and in Pennsylvania since 2009. Originally appointed by Governor Underwood to serve on the State Board of Examiners of Land Surveyors in 2000, he was re-appointed by Governor Wise in 2003 to serve a second three-year term. He is a former member of the Board of Directors of the West Virginia Association of Land Surveyors and served as its president in 1993. He has extensive experience in mining and construction surveys, GPS control surveys, well location surveys and, especially, boundary surveys. He has given numerous seminars on boundary conflict and resolution, right-of-way and easement issues and GPS applications to land surveying.

Allegheny Surveys currently has forty-seven employees, in three offices, and the capacity to field twelve crews. It employs nine licensed Professional Surveyors and one Registered Professional Forester.

In 2003, the company expanded by establishing an office in Weston, in northern West Virginia. In June of 2008, this office was moved farther north, to Bridgeport, to better accommodate its client base.

In May of 2008, Allegheny Surveys purchased the assets and hired all eleven employees of Lincoln Land Consultants, a surveying firm located near Alum Creek, just a few minutes southwest of the State Capitol in Charleston.

Since March of 2011, Allegheny Surveys has been providing High Definition Scanning (HDS) services to its clients. This technology has been used on a wide range of projects where it has proved to be an advantage in the areas of safety, speed and accuracy.





# Natural Resources



## *Natural Resource Surveys*

Section 2

Allegheny Surveys has maintained a strong presence in the natural resource arena since its founding. It has provided all surveying services relevant to oil, gas and coal production throughout the state. Most of its senior party chiefs and managers have high levels of experience in providing the industries with their production needs.

Our services include:

- Surface Mine Surveying
- Underground Surveying and Mapping
- CBM Well Surveys and Permits
- Pipeline Surveys and Mapping
- Shallow Well Location Surveys and Mapping
- Cathodic Protection Division-Close Interval Surveys







**Real Estate**





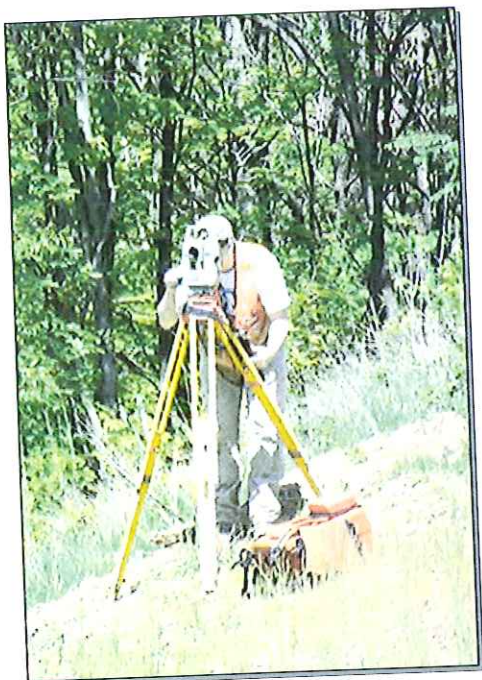
## *Real Estate Surveys*

Section 3

Allegheny Surveys works closely with timber management firms, lumber companies, realtors, corporate land owners, law firms and private landowners to meet their property location needs.

Our services include:

- Boundary Surveys
- Subdivision Surveys



- City Lot Surveys
- ALTA-ACSM Surveys
- Photogrammetric Surveys





# Construction





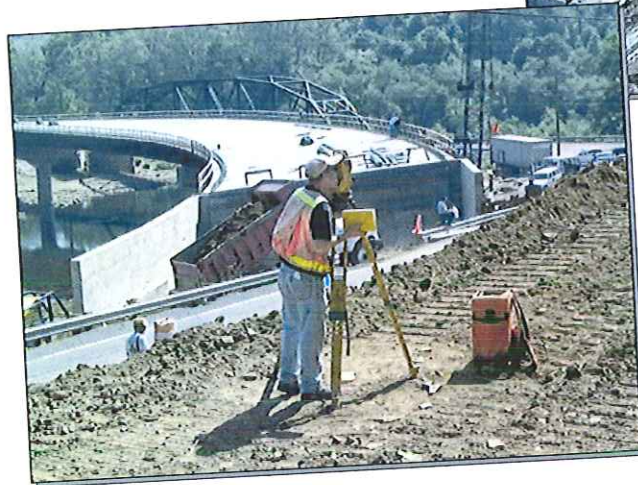
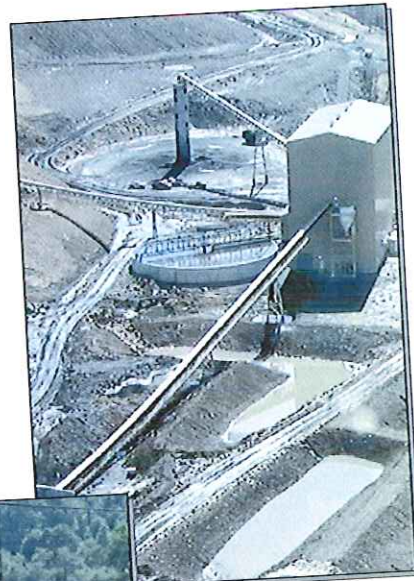
## Construction Surveys

Section 4

Allegheny Surveys has on its staff several senior party chiefs and managers highly trained and proficient in the performance of the various types of surveys required for site development and site construction. It meets the needs of its various clients on numerous projects that span the state.

Our services include:

- Bridge and Road Construction Surveys
- Site Development Surveys
- Topographic Site Surveys







**High Definition Scanning (HDS)**





## High Definition Scanning (HDS)

Section 5

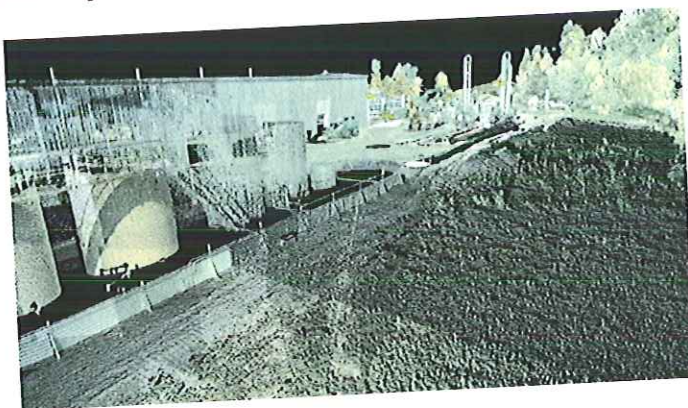


Since March of 2011, Allegheny Surveys has been providing ground-based High Definition Scanning (HDS) services to its clients. Using a Leica C10 ScanStation with Cyclone Software, a highly accurate scan can be made of a large project site in a fraction of the time that it would take field crews to survey it conventionally. Scans can be done in a single day and a detailed topographic map produced quickly and efficiently by exporting the information into AutoCAD.

Since utilizing HDS technology, Allegheny Surveys has produced mapping for its clients of pond certifications, gas well pads, compressor stations, coal stockpiles, roads, highwalls, construction sites and underground mines.

There are three basic advantages to using HDS:

- Safety - HDS can scan large areas from a single position without having to place field personnel in harm's way.
- Speed - With just a few set-ups, large areas can be scanned in just a few hours. Additionally, having millions of points scanned at the site reduces the amount of drafting time.
- Accuracy - Millions of points scanned by HDS produce a much denser "data-intensive" map than what could be located by a field crew taking one location shot at a time.







## ***Major Projects***

Exhibiting Company Performance Since 2000

Section 6

### **I. Beech Ridge Wind Farm**

1. Client: Invenergy, LLC
2. Location: Beech Ridge, western Greenbrier County, West Virginia
3. Contract awarded: December 1, 2006
4. Project cost: \$303,000
5. Project Description:

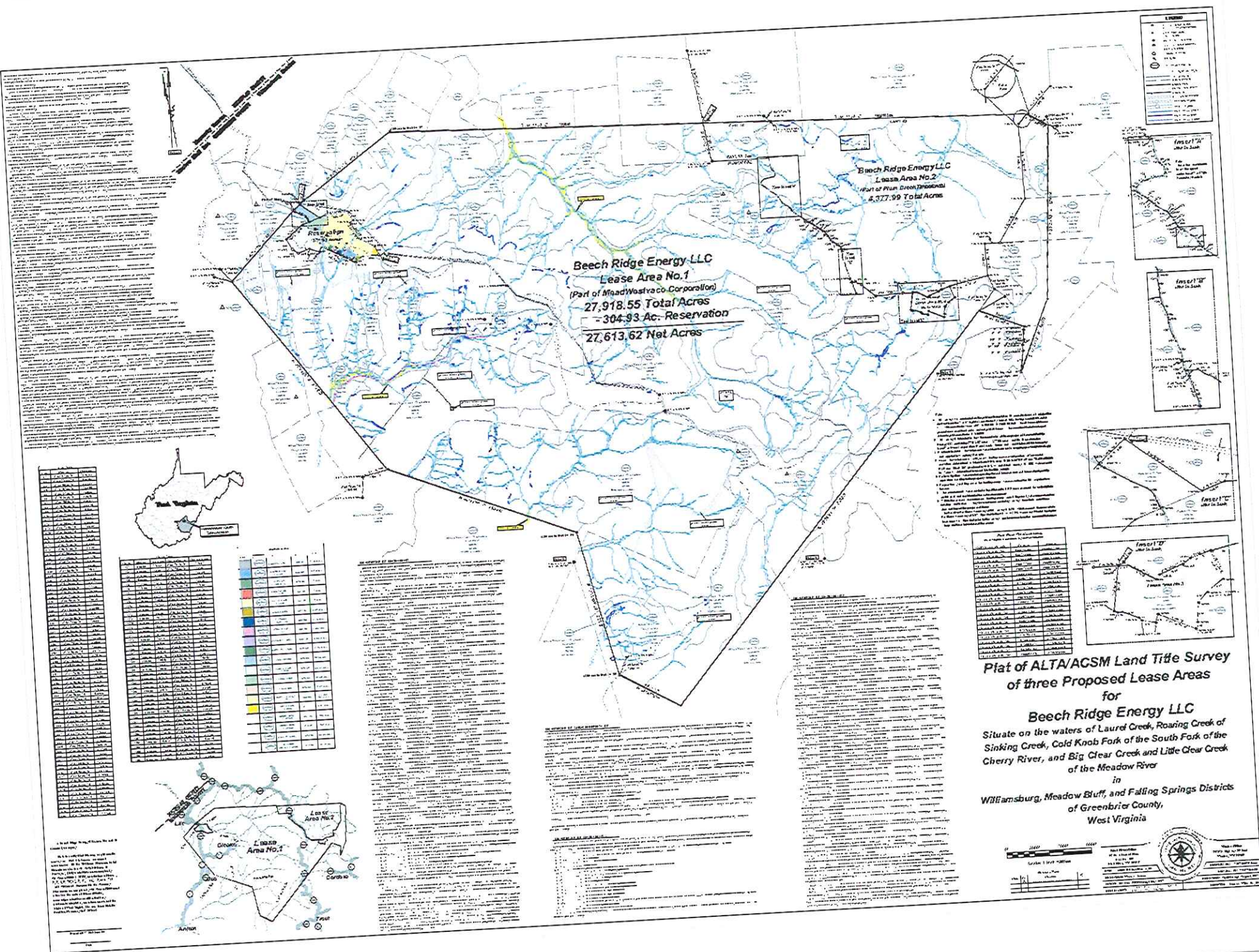
The location by survey of a **27,000 acre lease area** that included the delineation of **27 miles** of interior and exterior conventionally surveyed boundary lines as well as the survey of a **15 mile long power line easement**. This easement was 100' in width and required the defining and certification of all boundaries that the power line crossed. It also required the staking of all powerline deflections (PI's) and the flagging of clearing limits. Both the Lease survey and the transmission line easement survey were performed as ALTA-ACSM land title surveys. This meant that the entire survey had to be performed to rigid positional tolerances and required the location of numerous features encountered during the survey.

A GPS network of 32 control points were placed along the perimeter of the lease and along the power line easement. This network was tied to the National Geodetic Survey's High Accuracy Reference Network (HARN) using four dual-frequency survey-grade GPS receivers.


The field work commenced on this project in December of 2006, was idled from mid-January until mid-March because of heavy snow throughout the project site, and was field-completed in early May. Two crews worked on the project for a total of 3 ½ months. The ALTA plats were submitted to the client and the title insurance company for review at the end of May, and were finalized and formally submitted in July of 2007.

Example plat on next page  
(Image quality reduced)










## II. Powellton 45,000 acre boundary survey

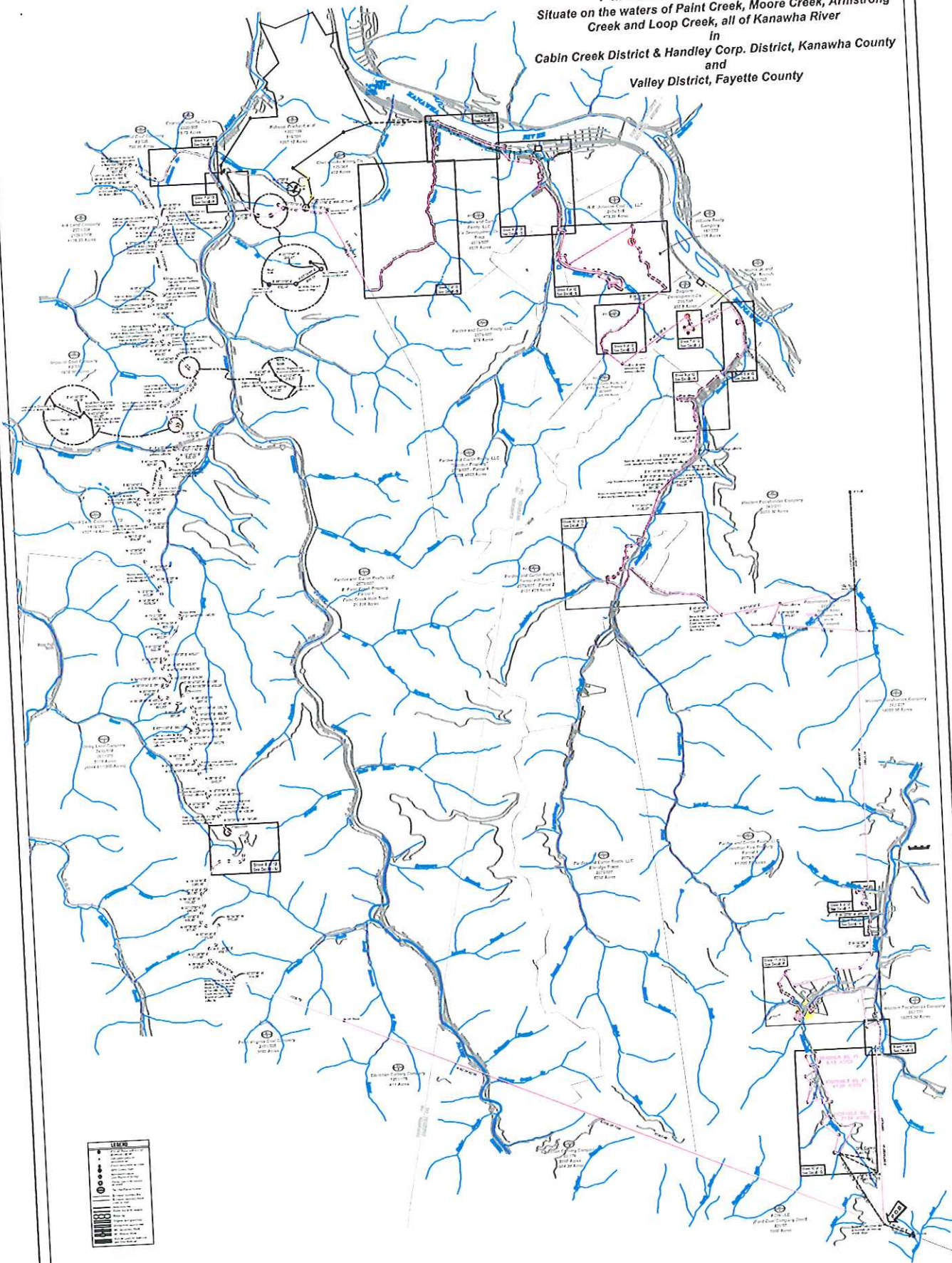
1. Client: Pardee and Curtin Realty, LLC
2. Location: Kanawha and Fayette Counties, West Virginia
3. Contract awarded: Fall, 2003
4. Project Cost: Billings to date are \$530,000
5. Project Description:

This survey was performed to monument, mark and paint and prepare survey documentation relevant to the boundaries of a **45,000 acre** tract of timberland in some of the most rugged terrain that West Virginia has to offer. The coordinate base for this project was a project datum derived from the West Virginia Coordinate System of 1983 and tied to the National Geodetic Surveys HARN, as determined by a GPS network consisting 32 GPS control points that were observed in October of 2003. The field traverse was started the next month. At this point, over 95% of the boundaries have been surveyed, monumented, marked and painted. The work progresses in accordance with annual budgeted allocations for the project. A survey of this magnitude requires careful coordination and the ability to move people in and out of the project as needed. Specific needs of the client have prompted the need to address specific areas on the boundary at different times.

Example Property Map on next page  
(Image quality reduced)



**Plat of Survey  
for  
Pardee and Curtin Realty, Inc.**  
Situates on the waters of Paint Creek, Moore Creek, Armstrong  
Creek and Loop Creek, all of Kanawha River  
in  
Cabin Creek District & Handley Corp. District, Kanawha County  
and  
Valley District, Fayette County



1982 Control Point No.	Northing	Easting	Coordinate
Point No. 1	N 20° 43' 30"	E 10° 00' 00"	423.77
Point No. 2	N 20° 43' 30"	E 10° 00' 00"	819.87






### III. Equitrans Pipeline Location survey

1. Client: Equitrans
2. Location: Southwest Pennsylvania and northern West Virginia
3. Contract awarded: August, 2005
4. Project Cost: \$214,223
5. Project Description:

The location by GPS observations of over **320 miles** of pipelines that included feature mapping and depth-of-cover measurements along the pipelines. The data generated by the survey was prepared in a format to accommodate easy inclusion into Equitrans's GIS. Two survey crews performed most of the work on this survey over the course of five months. The survey was of mostly large trunk lines, but included smaller feeder lines, and was frequently performed in very rugged, mountainous terrain. The project was completed on schedule for the contracted cost.








#### **IV. Equitable Production Pipeline Location Survey**

1. Client: Equitable Production
2. Project Location: Northern and Northwestern West Virginia
3. Contract Awarded: September, 2004
4. Project Cost: \$167,237.00
5. Project Description:

This project involved the location of **825 miles** of pipeline throughout northern and northwestern West Virginia. Pipeline locators and Trimble mapping-grade GPS receivers were utilized to find and locate the pipelines, and the resulting data was converted to a format that allowed Equitable to import it into its GIS. The work was performed primarily on small, older pipelines in extremely rugged terrain with limited access, and was billed on a per-hour basis. It was completed in June of 2005.








## V. Mountaintop Management/The Nature Conservancy 7,152 acre Partition Survey

1. Client: Mountaintop Management, LLC
2. Project Location: Fayette County, West Virginia, on the New River Gorge
3. Contract Awarded: June, 2001
4. Project Cost: \$198,000
5. Project Description:

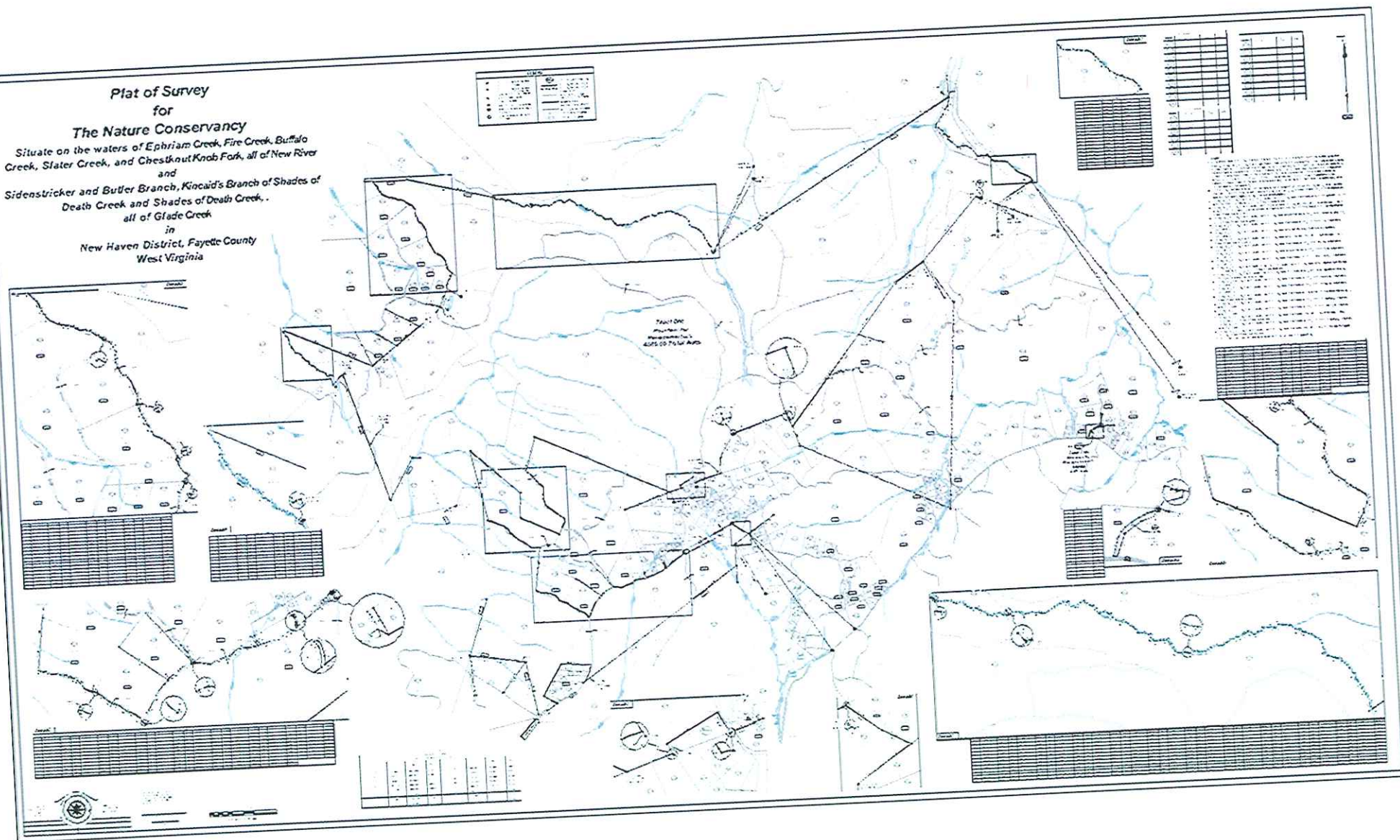
This project was originally a boundary survey that partitioned 2,500 acres from the residue of a 14,000 acre tract in Fayette County, West Virginia. The survey then partitioned 38 separate parcels from the 2,500 acres for sale at auction. The project was completed on time in January of 2002, six months after the contract was awarded. The final product included the preparation of 38 separate plats and descriptions of survey as well as a comprehensive property map for the tracts that were offered at auction. The residue of the original boundary was consolidated into one survey of 4,586.56 acres for the Nature Conservancy in January of 2008. The total boundary monumented, marked and painted on this survey was **236,000 feet or 44.7 miles**. The survey was performed in rugged, mountainous terrain on the New River Gorge. The total area surveyed and partitioned into dozens of parcels was almost 7,200 acres.

Example plat on next page  
(Image quality reduced)



The Nature Conservancy

**The Nature Conservancy**  
 Situate on the waters of Ephraim Creek, Fire Creek, Buffalo  
 Creek, Slater Creek, and Chestnut Knob Fork, all of New River  
 and  
 Sidenstricker and Butler Branch, Kincaid's Branch of Shades of  
 Death Creek and Shades of Death Creek, .  
 all of Glade Creek  
 in  
 New Haven District, Fayette County  
 West Virginia








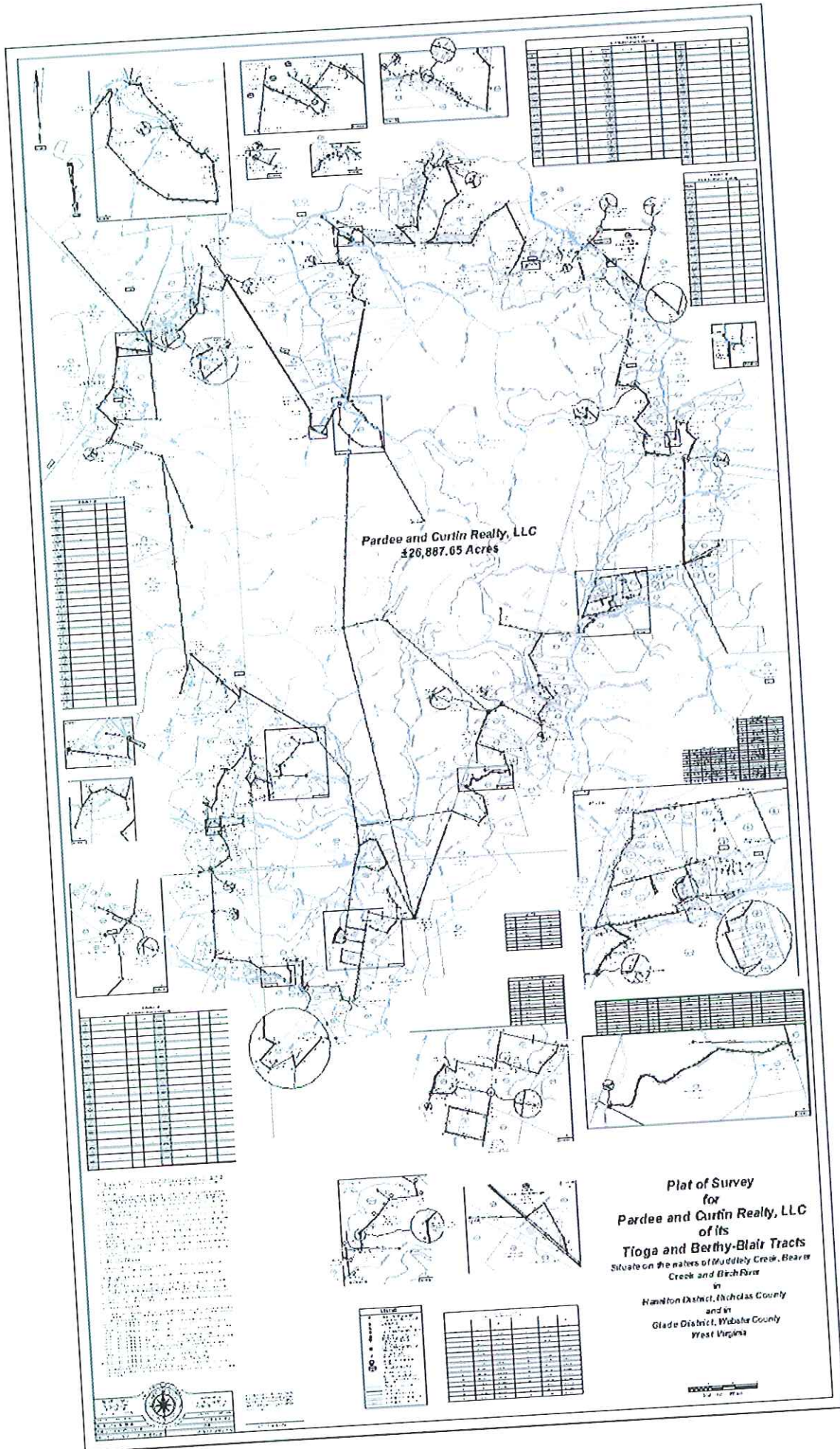
## VI. The Berthy-Blair/Tioga Lumber Co. Boundary Survey

1. Client: Pardee and Curtin Realty, LLC
2. Project Location: Nicholas and Webster Counties, in the central part of West Virginia.
3. Contract Awarded: June, 1998
4. Project Cost: \$305,000
5. Project Description:

This survey commenced in 1998 as a survey of 11,000 acres, and was set up on a four-year budgeting program. In its third year, and near its completion, the client purchased a 16,000 acre tract that adjoined the 11,000 acres and directed its inclusion into the original survey, extending the project by four more years. The entire survey was field completed in 2005 within a few percentage points of the original estimated cost, adjusted for inflation. The survey involved the establishment of a large GPS control network upon which the conventional ground survey was based. The survey was conducted in a very mountainous and rugged part of central West Virginia, with many areas of limited access. It resulted in the monumenting, marking and painting of **55 miles** of boundary. The plat, report of survey and description of survey were completed in 2009

Example plat on next page  
(Image quality reduced)










## **VII. Tri-State Airport Runway Extension, near Kenova, West Virginia**

1. Client: The LPA Group for Tri-State Airport Authority
2. Project location: Ceredo, West Virginia, in the central, far-western part of the state.
3. Contract Awarded: August, 2005
4. Project Cost: \$40,000
5. Project Description:

This project is a topographic ground survey of 117 acres at the end of an existing runway to accommodate the design of an extension of the primary runway at Tri-State Airport. It was conducted to very rigid vertical and horizontal tolerances. The terrain was extremely rugged and the brush and vegetation caused the survey to be extremely labor intensive. The survey included a detailed site survey of the end of the runway area within the airport security fence. The project required a fulltime field crew nearly every day from November, 2005 through February, 2006.

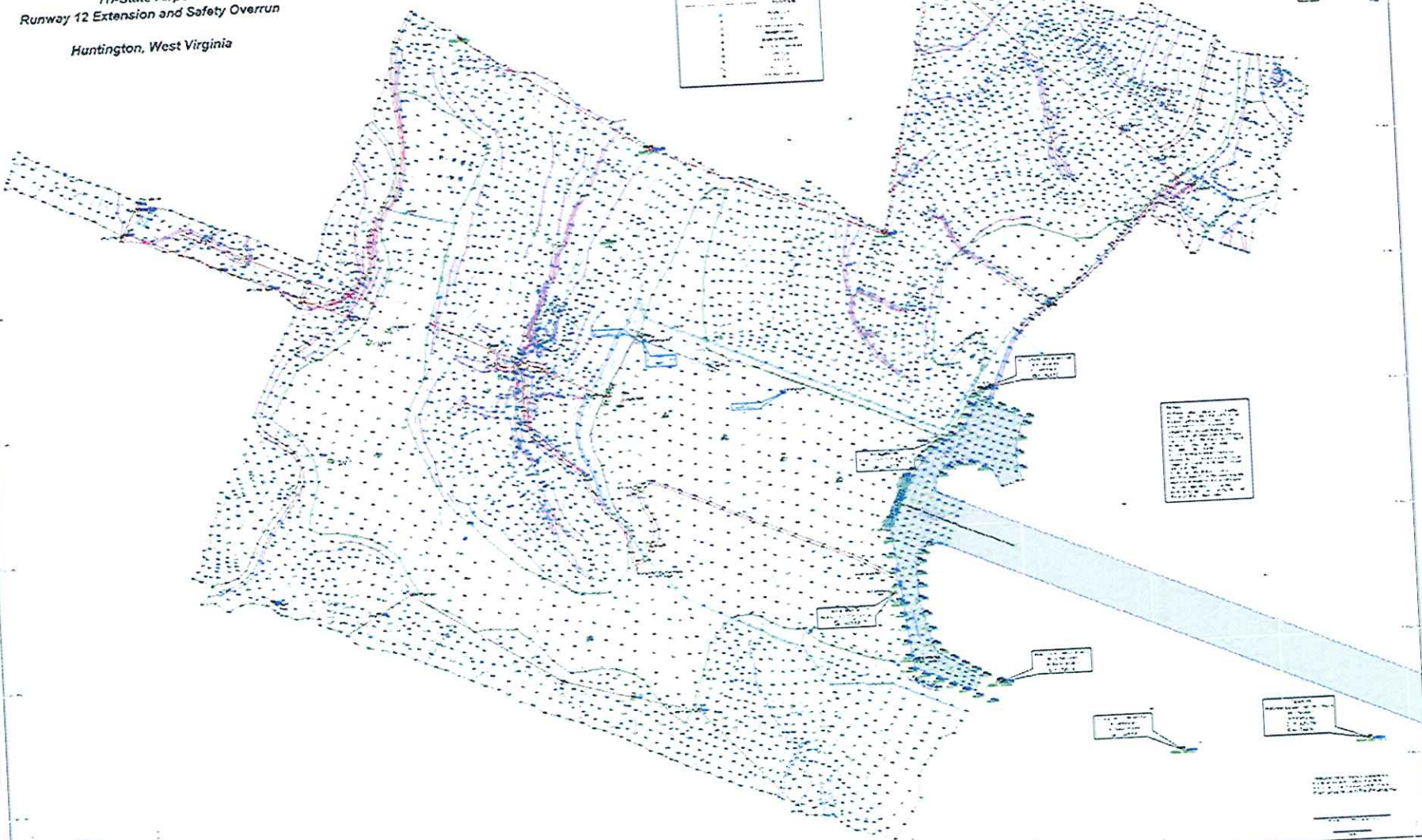
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Map of Topographic Survey  
for  
The LPA Group Incorporated


Tri-State Airport  
Runway 12 Extension and Safety Overrun  
Huntington, West Virginia

LEGEND	
1	Proposed Runway 12 Extension
2	Proposed Safety Overrun
3	Proposed Taxiway
4	Proposed Apron
5	Proposed Fwy. 12
6	Proposed Fwy. 13
7	Proposed Fwy. 14
8	Proposed Fwy. 15
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93	Proposed Fwy. 100



PROPOSED RUNWAY 12 EXTENSION  
PROPOSED SAFETY OVERRUN  
PROPOSED TAXIWAY  
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### **VIII. The Cary Hines Estate 11,000 acre Boundary Survey**

1. Client: Webster County Lumber Co.
2. Project Location: Webster County, West Virginia, on Camp Run and Laurel Creek of the Elk River.
3. Contract Awarded: November, 2004
4. Project Cost: \$225,000
5. Project Description:

This project involved the location, monumentation, marking and painting of over 43 miles of boundary relevant to numerous adjoining surface and fee tracts comprising 11,000 acres of timber and coal lands in a remote and rugged part of Webster County. The field work for the project was substantially completed in April of 2007, and the final survey documents, including a 55 page Report of Survey, were finished in 2008. The project encountered numerous overlaps and gaps, discrepancies and major title issues that took a great deal of effort and investigation to resolve.

Example plat on next page  
(Image quality reduced)



1. State of New York County of Westchester ss. I, John J. [Signature] Justice of the Peace, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Westchester, New York.

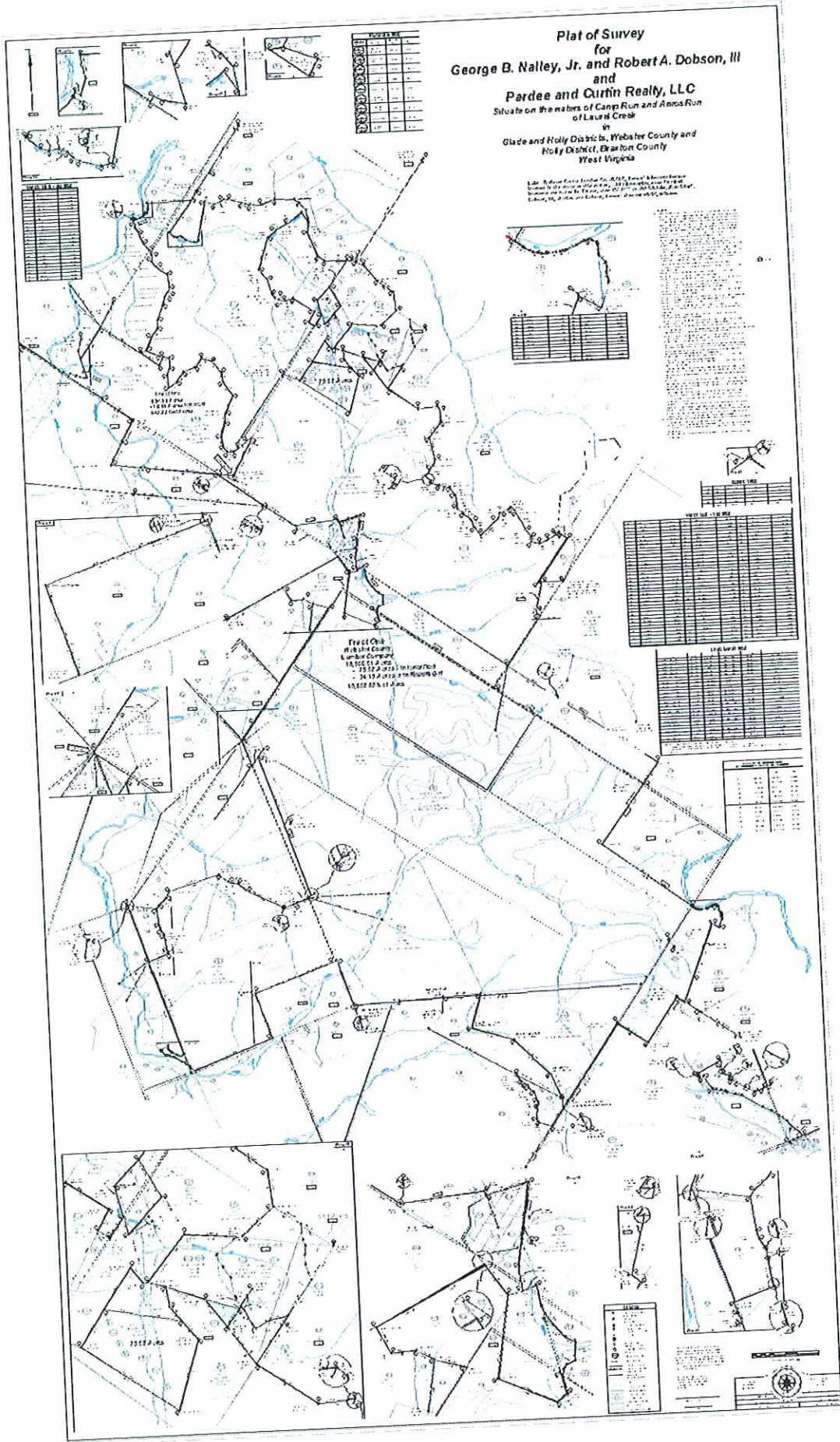
Table 1.1.1			
Year	1990	1995	2000
Population (millions)	5.3	5.7	6.1
GDP (billions of \$)	1.2	1.8	2.5
Unemployment (%)	12.5	11.8	10.2
Inflation (%)	10.5	8.2	6.1
Life expectancy (years)	54.2	58.1	61.5
Healthcare expenditure (%)	4.2	4.8	5.5
Education expenditure (%)	3.1	3.5	3.9
Government expenditure (%)	18.5	19.2	20.1
Private expenditure (%)	12.3	13.1	14.0
Foreign aid (%)	0.5	0.6	0.7

[illegible][illegible]

This image shows a large, empty ledger page from a notebook. The page is ruled with a grid of horizontal and vertical lines, creating a series of columns and rows for recording data. The grid is composed of approximately 15 columns and 30 rows. The lines are dark and clearly visible against the light background of the paper. The page is oriented vertically, and the grid covers most of the page area, leaving a small margin at the top and bottom.

The image shows a close-up of a handwritten ledger or notebook page. The page is filled with multiple columns and rows of text, written in dark ink. The handwriting is somewhat cursive and appears to be from the mid-20th century. The columns are separated by vertical lines, and the rows are separated by horizontal lines. The text is dense and covers most of the page, with some margins visible at the top and bottom. The overall appearance is that of a detailed record book or a ledger used for tracking data over time.

TABLE 1		TABLE 2	
Summary of the results of the first round of the survey		Summary of the results of the second round of the survey	
Question	Response	Question	Response
1. How many times have you been to the beach in the last 12 months?	100%	1. How many times have you been to the beach in the last 12 months?	100%
2. How many times have you been to the beach in the last 6 months?	90%	2. How many times have you been to the beach in the last 6 months?	90%
3. How many times have you been to the beach in the last 3 months?	80%	3. How many times have you been to the beach in the last 3 months?	80%
4. How many times have you been to the beach in the last 1 month?	70%	4. How many times have you been to the beach in the last 1 month?	70%
5. How many times have you been to the beach in the last 2 weeks?	60%	5. How many times have you been to the beach in the last 2 weeks?	60%
6. How many times have you been to the beach in the last 1 week?	50%	6. How many times have you been to the beach in the last 1 week?	50%
7. How many times have you been to the beach in the last 3 days?	40%	7. How many times have you been to the beach in the last 3 days?	40%
8. How many times have you been to the beach in the last 2 days?	30%	8. How many times have you been to the beach in the last 2 days?	30%
9. How many times have you been to the beach in the last 1 day?	20%	9. How many times have you been to the beach in the last 1 day?	20%
10. How many times have you been to the beach in the last 12 hours?	10%	10. How many times have you been to the beach in the last 12 hours?	10%







## **Chief Personnel**

Section 7

**Marshall W. Robinson, PS**  
President

**Ben R. Singleton, PS**  
Senior Survey Manager  
Birch River Office

**Dwayne A. Hall, PS**  
Senior Party Chief  
Birch River Office

**Stacey O. Brown, PS**  
Senior Party Chief and CADD Manager  
Birch River Office

**Damon L. Wilkewitz, PS**  
Senior Party Chief  
Birch River Office

**Dwayne D. Matheny, PS**  
Senior Survey Manager  
Bridgeport Office

**David W. King, PS**  
Senior Survey Manager  
Alum Creek Office

**William D. Yetzer, PS, EIT**  
Senior Party Chief  
Bridgeport Office

**Kenneth L. Plum, PS**  
Senior Party Chief  
Bridgeport Office

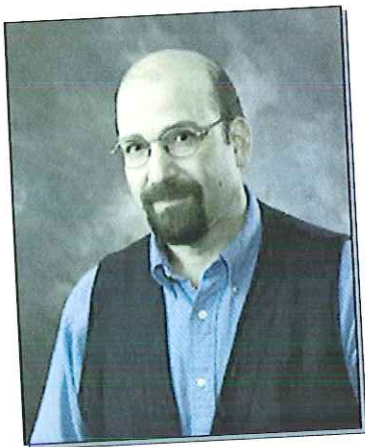
**James Randall Coots, RPF**  
Senior Forester and Safety Manager  
Birch River Office

**Teresa A. Hughart, CPA**  
Financial Manager  
All Offices



## ***Marshall W. Robinson, PS***

President



Marshall is proficient in all types of surveying, including surface and underground mine surveying, construction surveying, boundary surveying, GPS surveying, oil and gas well location surveying, and specializing in expert witness testimony for boundary litigation, GPS survey design and analysis, and underground surveying and mapping.

Former Chapter Representative, Board of Examiner's Liaison, Member of the Board of Directors, West Virginia Representative to the NSPS Board of Governors, and President, of the West Virginia Association of Land Surveyors, between 1991 and 1999. He also served on the Legislative Committee, Peer Review Committee, HARN Committee, and Education Committee.

- Member of the Advisory Board to the Glenville State College Division of Land Resources for the Land Surveying Program. He has been Chairman of that Board from 2005 to the present.
- Former member of the NCEES (National Council of Examiners of Engineers and Surveyors) EPS (Examination for Professional Surveyors) Committee. Marshall has been active on this committee for three years.
- Has presented numerous seminars on boundary law issues and boundary resolution, right-of-way and easement issues, GPS and GIS applications to the surveying profession, State Plane Coordinates and Project Datums.
- Former member of the West Virginia Board of Professional Surveyors, serving two three-year terms, from 2000 to 2006.
- Graduated magna cum laude from Glenville State College with an Associate's Degree in Land Surveying and a Bachelor of Arts Degree in May of 1985.
- Licensed in the State of West Virginia as a Professional Surveyor since February 1988. Also licensed as a Professional Surveyor in Virginia (January, 2005), Kentucky (February, 2005) and Ohio (June, 2005).





***Ben R. Singleton, PS***  
Senior Survey Manager, Birch River Office



Proficient in all types of surveying, and specializing in boundary, underground, oil and gas well locations, site development, and GPS surveys. Ben was the lead party chief in the performance of a 27,000 acre boundary survey

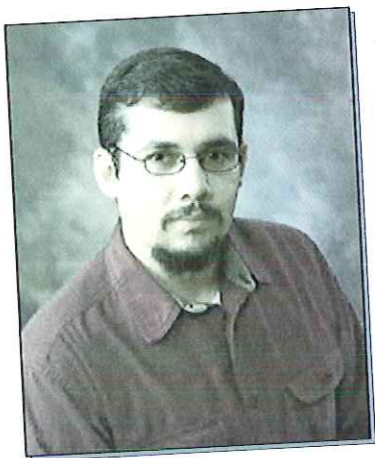
in Nicholas and Webster Counties that was completed in 2004. He was also the lead party chief in the performance of a 12,000 acre boundary survey in Nicholas County, a 4,000 acre boundary survey in Braxton County, a 3,200 acre boundary survey in Kanawha County, and an 1,850 acre boundary survey in Clay and Nicholas Counties.

He has surveyed over 100 well location sites on a 70,000 acre tract in Clay County, and has surveyed for coal bed methane (CBM) wells, shallow well and deep well permits throughout West Virginia. Overall, he has surveyed hundreds of well locations throughout the state. He has surveyed several deep mines throughout the state, and has performed numerous GPS control surveys for boundary control and aerial mapping. In the past three years he has performed or supervised the performance of numerous cell tower site surveys throughout Virginia and West Virginia.

- Graduated from Glenville State College with an Associate's Degree in Land Surveying in May 1996.
- Employed by Allegheny Surveys as a full time party chief since May 1996.
- Promoted to Senior Survey Manager in September 2002.
- Licensed in the state of West Virginia as a Professional Surveyor since January 2004.



***Dwayne A. Hall, PS***  
Senior Party Chief, Birch River Office



Adept in the performance of underground surveys, boundary surveys, site location and development surveys, well location surveys and GPS ground-control surveys. Dwayne has been the lead party chief on several boundary surveys in Webster County that are greater than 1,000 acres in size.

In the past several years, he has served as Allegheny Survey's lead underground party chief in several deep mines throughout the state.

- Graduated from Glenville State College in May of 1997 with an Associate's Degree in Land Surveying and an Associate's Degree in Forestry.
- Employed by Allegheny Surveys as a full-time party chief since May 1997.
- Licensed as a Professional Surveyor in the State of West Virginia since January 2004.
- Licensed as an Underground Surveyor having received his SU endorsement in June of 2009.





## ***Stacey O. Brown, PS***

Senior Party Chief and CADD Manager, Birch River Office



Stacey is proficient in CAD and survey calculations relating to boundary surveys, underground mine mapping, construction layout, volumes and subdivisions.

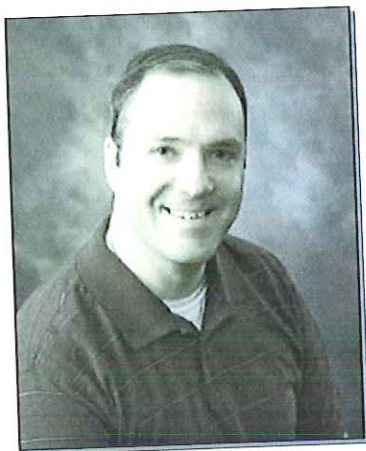
In September of 2002 he was promoted to party chief and Senior GPS Surveyor, with the responsibility for designing, managing and generating the final data for all GPS surveys performed by the firm.

Stacey was the lead party chief in the performance of an 11,000 acre boundary survey in Webster County completed in March of 2007. He has also performed various boundary and topographic surveys in addition to drill hole and aerial photo control surveys throughout West Virginia. His proficiency in computer and software operations is enormous. With Ben Singleton's help, he performs all of the field crew scheduling in the Birch River office.

- Graduated from West Virginia Institute of Technology in May of 1993 with an Associate Degree in Drafting Design and Engineering Technology.
- Employed by Allegheny Surveys since January 2001.
- Extensive experience, having been exposed to the surveying profession since 1993.
- Licensed by the State of West Virginia as a Professional Surveyor in June of 2009



***Damon L. Wilkewitz, PS***  
Senior Party Chief, Birch River Office



Graduated from Glenville State College with an Associate's Degree in Land Surveying in May of 1992. Employed by Allegheny Surveys since January of 2006, having worked for four previous surveying firms in central West Virginia. Licensed by the state of West Virginia as a Professional Surveyor in June of 2005. Has been actively involved in the surveying profession for over 20 years.

Damon has extensive experience in construction surveys, site development surveys and boundary surveys. He also has over 20 years of extensive experience in CADD operations, and is proficient in several survey software applications. He has worked on numerous large construction projects for the Corps of Engineers, and is extremely proficient in the preparation of construction drawings and in the performance of construction surveys.

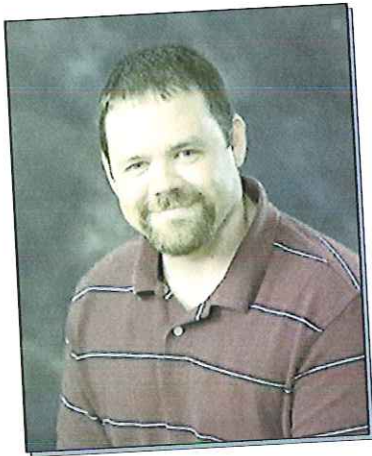
Since March of 2011, Damon has been managing the use of a 3D Laser Scanner (HDS Surveys) for producing highly accurate topographic surveys for highwall construction sites, pond certifications, gas well pad locations, roads, and compressor stations. Using Leica Cyclone and 3D Reshaper software, he has also produced rendered models of HDS surveys of underground mines.

- Graduated from Glenville State College with an Associate's Degree in Land Surveying in May of 1992.
- Employed by Allegheny Surveys since January of 2006, having worked for three previous surveying firms in central West Virginia.
- Licensed by the State of West Virginia as a Professional Surveyor in June of 2005





***Dwayne D. Matheny, PS***  
Senior Survey Manager, Bridgeport Office



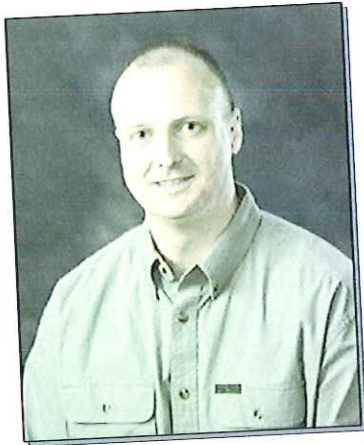
Dwayne has performed many types of surveys which include, but are not limited to, ALTA/ACSM surveys, Pre-Mine and Post-Mine subsidence surveys, design surveys for engineering support, boundary surveys, gas pipeline as-builts and design surveys, telecommunication surveys, GPS networks, and construction layout.

The majority of his experience has been in the construction industry where he performed and supervised projects for bridges, commercial buildings, roads, railroads, gas compressor stations, water and wastewater treatment plants, sanitary sewer systems, water systems and athletic fields.

- Began surveying in 1994 with the largest engineering firm in the State of West Virginia, performing and supervising surveys for all types of industries.
- Obtained his license in 2003 after completing the mandatory eight years of field experience.
- Employed by Allegheny Surveys, Inc since May, 2008.



**David W. King, PS**  
Senior Survey Manager, Alum Creek Office



Began his surveying career in 1990 and has worked for three previous surveying firms, one underground mining company, and one surface mining company. From 1998 to 2003, he worked closely with the owner of this firm, Marshall Robinson, who, while owning Allegheny Surveys, was also a partner with another surveyor in the firm of Augusta Land Consultants, a surveying firm located in Danville, WV. Together they solved the boundaries on numerous difficult surveys on large timber and coal tracts, including one 25,000 acre boundary survey and a 7,000 acre boundary survey. He also gained a fair amount of well location experience while working for Augusta Land Consultants. In 2004 he founded Frontier

Surveys in Danville, WV, which he operated for a few years thereafter as a city lot and rural boundary surveying firm, performing a variety of surveys for private landowners, until he gained employment in the coal industry, performing all types of surveys relevant to deep and surface mine operations.

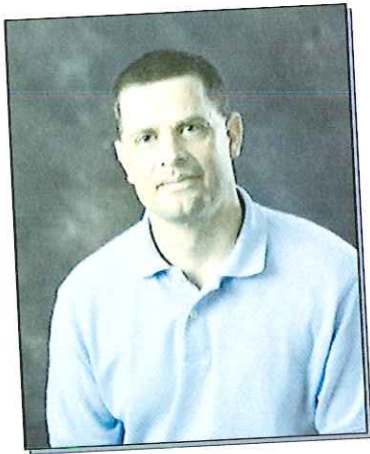
Proficient in the performance of ALTA/ACSM surveys, boundary surveys, design surveys for engineering support, construction layout, underground mine surveys, surface mine surveys, topographic surveys, GPS networks, control surveys, and gas well surveys. The majority of his experience has been in the performance of all types of boundary surveys throughout southern West Virginia

- Obtained surveying license in 2000 after completing the mandatory eight years of experience
- Employed by Allegheny Surveys as Senior Survey Manager in January 2009
- Founded Frontier Surveys of Danville, WV in 2004





***William G. Yetzer, PS, EIT***  
Senior Party Chief, Bridgeport Office

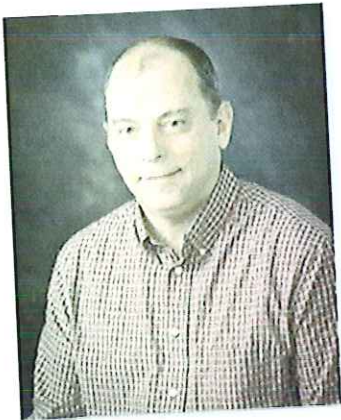


Bill has 22 years of experience in the surveying profession, in which his primary focus has been land development, ALTA/ACSM surveys, engineering design surveys, and boundary surveys. From 2001 – 2009, he has been employed as a Senior Survey Manager in firms that require the management of 3 or more crews and the direction of all field and other operations

- Graduated from the University of Minnesota with a Bachelor of Science Degree in Civil Engineering in December 1994, with an emphasis on surveying and environmental issues.
- Graduated from Dunwoody Industrial Institute with an AA Degree in Civil Engineering Technology in June 1990.
- Employed by Allegheny Surveys in April of 2009 as a Senior Party Chief in the Bridgeport Office.
- Licensed by the State of Colorado as Professional Surveyor in 2000.
- Licensed by the State of Utah as a Professional Surveyor in 2007.
- Licensed by the State of West Virginia as a Professional Surveyor in 2010.
- Certified by the State of Colorado as an Engineer in Training in 2006.



***Kenneth J. Plum, PS***  
Senior Party Chief, Bridgeport Office



Began his surveying career in 1991 and has worked for three previous engineering firms in the states of West Virginia and Pennsylvania. From 1991 to 1998, the majority of his experience was with deep and surface coal mine surveys and services for central and southern coal companies of West Virginia. From 1999 to 2008, the majority of his experience was with right of way acquisition and roadway re-establishment surveys for the PennDOT, Penna Turn-Pike, and PAT of Allegheny County. From 2008 to 2010, the majority of his experience was with water and storm and sanitary sewer surveys for north central West Virginia communities.

He has performed many types of surveys which include, but are not limited to, deep and surface mine production and control surveys, design surveys for engineering support, boundary surveys, ALTA/ACSM surveys, gas well plat, as-built, and design surveys, GPS topographic, stake out, and control surveys, and highway and commercial building construction layout.

He obtained his West Virginia license in 2010 after completing the mandatory years of experience.

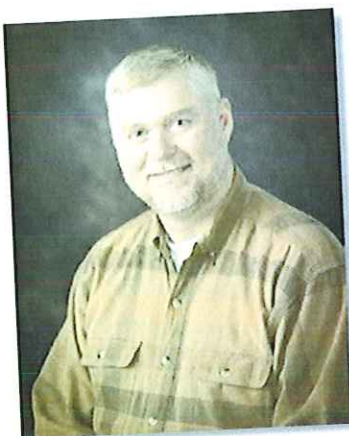
He was employed by Allegheny Surveys, Inc. in June, 2010 as a Senior Party Chief for the Bridgeport Office.





## **James Randall Coots, RPF**

Senior Forester and Safety Manager, Birch River Office



Graduated from West Virginia University with a Bachelor of Science Degree in Forestry in 1984. Employed by Allegheny Surveys since January of 2011. Has over 26 years of experience with private, state, and federal agencies.

Randy has extensive experience in the forestry field in addition to performing deed research and performing duties of Safety Manager for Allegheny Surveys. His vast experience includes: Forest Management Planning, Silvicultural Recommendations, Forest Resources Inventory and Financial Analysis, Timber Harvest Planning and Supervision, Timber and Log

Purchasing/Sales, Deed Research and map preparation using aerial photos and topographic maps, Timber Marking and has developed "Certified" forest management plans approved by the Forest Stewardship Council (FSC). Randy has also used GPS to locate property corners and features to aid in preparing mapping and GIS. His experience also includes using ArcView to develop and input natural resource data into a GIS database. This information included mapping of all property lines, forest stands, buffer zones, streamside management zones, high conservation zones, harvesting units, and habitat locations for Threatened and Endangered species. Other features managed with GIS include the layout of forest roads, inspection of harvesting operations for compliance with 208-water quality laws, forest fire prevention, suppression and investigation, identified insect and disease problems and recommended control measures, and investigating and evaluating timber trespass.

- Graduated from West Virginia University with a Bachelor of Science Degree in Forestry in 1984
- Member of the Society of American Foresters
- Member of WV Forestry Association having served on the Board of Directors from 1995 to 1998
- Member of WVU Forestry Alumni Association
- WV Professional Registered Forester #266, appointed by Governor Cecil Underwood to serve as a board member from 2000 to 2005.



***Teresa A. Hughart, CPA***  
Financial Manager, All Offices



Terri is responsible for the oversight and management of all financial matters, including financial reporting, taxation, internal controls and budgeting for Allegheny Surveys.

Prior to joining Allegheny Surveys, Terri worked for nineteen years in various industries gaining experience in auditing, accounts payable, budgeting and forecasting, capital asset management and project analysis. Her experience includes three years for state government where she used her accounting knowledge to train and support the finance offices of local boards of education and fifteen years in the manufacturing industry where she served in numerous financial capacities.

She passed the Certified Public Accountant exam in 1995 and obtained her CPA license in 1998 after satisfying the minimum experience requirements.

- Graduated with High Honors from Guilford College in Greensboro, NC, earning a Bachelor of Science Degree, with a major in Accounting and a minor in Management in 1992.
- Licensed in the State of West Virginia as a Certified Public Accountant since 1998.
- Employed for nearly 15 years in various accounting and finance positions for an OSB manufacturing facility in central West Virginia, the latest position being Financial Analyst.
- Employed by Allegheny Surveys as Financial Manager in January of 2011.





## Equipment & Software

Section 8

### Equipment

- Trimble R8 GNSS Base and Rover RTK GPS System (*two*)
- Trimble R8 GNSS/VRS Base and Rover RTK GPS System
- Trimble R8 GNSS/VRS Rover RTK GPS Units (*three*)
- Trimble 4000 SSI Static Dual Frequency GPS Receiver (*four*)
- Trimble GeoExplorer 6000 Series GeoXH Handheld GNSS Unit with Tornado Antenna (*two*)
- Trimble GeoXT mapping grade GPS Receiver (*four*)
- Trimble GeoXH mapping grade GPS Receiver (*two*)
- Trimble ProXT mapping grade GPS Receiver with Nomad Data Collector (*three*)
- Nikon Nivo 2M Total Stations (*four*)
- Nikon Nivo 5M Total Stations (*two*)
- Leica 403 Total Station (*two*)
- Leica 305 Total Station
- Topcon 212 and 223 Total Stations
- Topcon 3000 Series Reflectorless Total Station
- Topcon 300 Series Total Stations (*two*)
- Nikon DTM 420 Total Station
- SMI JettCE Data Collectors (*three*)
- TDS Survey Pro Nomad Data Collectors (*four*)
- Leica North Seeking Gyroscope
- Leica C10 Scan Station

### Vehicles (38 Total)

- 2001 Toyota Tacoma
- 2008 Toyota Tundra
- 2005 Nissan Xterra
- 2007 Nissan Xterra (*three*)
- 2008 Nissan Xterra
- 2009 Nissan Xterra
- 2008 Dodge Durango
- 2007 Dodge Ram 1500
- 2003 Dodge Ram 1500 (*two*)
- 2006 Dodge Ram 1500
- 2005 Dodge Ram 2500
- 2007 Dodge Ram 2500
- 2008 Dodge Ram 2500
- 2006 Dodge Dakota (*two*)
- 2007 Dodge Dakota (*eight*)
- 2005 Chevy Silverado
- 2010 Chevy Suburban
- 2011 Chevy Silverado
- 2004 Ford ¾ Ton
- 2008 Ford F-150
- 2010 Ford F-150
- 2011 GMC Sierra
- 2000 Jeep Cherokee
- 2001 Jeep Cherokee
- 2010 Jeep Wrangler (*two*)
- 2005 Volkswagon Beetle

### Software

- AutoCAD 2011
- AutoCAD Map 3D 2011
- Carlson 2012
- Trimble Business Center
- Trimble Geomatics Office
- Trimble GPS Pathfinder Office
- Eagle Point SMI
- Microsoft Office
- Adobe Acrobat Professional
- Leica Cyclone 7.3
- 3D Reshaper