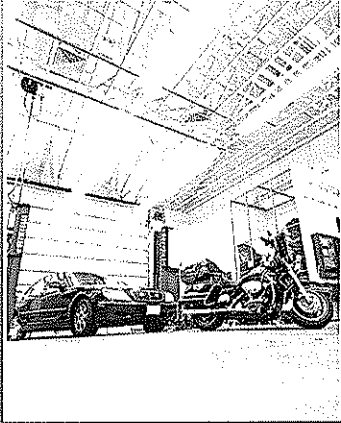
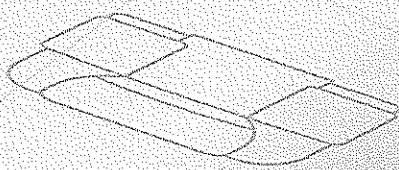
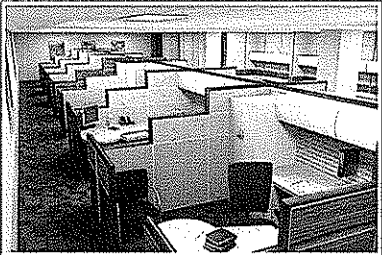


Expression of Interest:

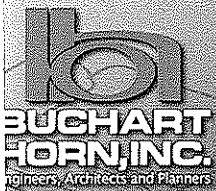
# Architectural and Engineering Services for an Administrative Office and Maintenance Facility



Submitted to:  
**State of West Virginia**  
**Division of Public Transit**



March 3, 2010



March 2, 2010

Mr. Frank Whittaker, Senior Buyer  
State of West Virginia  
Department of Administration, Purchasing Division  
2019 Washington Street East  
Charleston, WV 25305-0130

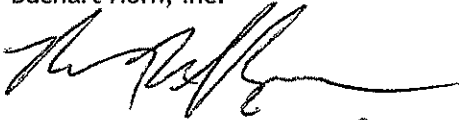
Reference: Architectural and Engineering Services  
Bluefield Area Transit Administration and Maintenance Building  
PTR10034

Dear Mr. Whittaker:

Buchart Horn, Inc. presents our qualifications to provide architectural and engineering services for the construction of a LEED Certified, pre-engineered administrative office and maintenance facility in Bluefield. Buchart Horn is a full service architectural and engineering firm offering extensive experience in the design and administration of office and maintenance facilities. Our proposed Project Manager, Michael M. Phillips, AIA, LEED® AP, has performed similar work for projects throughout West Virginia.

This Expression of Interest had been prepared in accordance with the requirements outlined in your Request for Quotation. Should you have any questions regarding the material contained in this package, please contact me at (304) 346-1176. Thank you again for your consideration of Buchart Horn for this assignment. We look forward to the opportunity to serve the State of West Virginia on this important endeavor.

Sincerely,  
Buchart Horn, Inc.



Michael M. Phillips, AIA, LEED® AP  
Project Manager and Lead Architect

Charleston, WV  
in West Virginia  
Buchart Horn, Inc.



400 Tracy Way • Suite 110 • Charleston, WV 25311  
304.346.1127 • Fax 304.346.7295  
WV • PA • NJ • MD • TN • LA • MS • Germany • www.bh-ba.com



Required Forms

Project Methodology

Firm Profile

Key Personnel

Project Experience



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  
**PTR10034**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER  
 304-558-2316**

VENDOR

SUPPLIER

RFQ COPY  
 TYPE NAME/ADDRESS HERE  
**Buchart Horn, Inc.  
 400 Tracy Way, Suite 110  
 Charleston, WV 25311**

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/01/2010				

ENDING DATE: **03/03/2010** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
1		LS		906-00-00-001		
<p>ARCHITECTURAL/ENGINEERING SERVICES FOR ADMIN. BLDG.</p> <p>EXPRESSION OF INTEREST (EOI)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF PUBLIC TRANSIT, IS SOLICITING PROPOSALS FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR THE CONSTRUCTION OF A LEED CERTIFIED BRICK AND METAL ADMINISTRATION BUILDING AND MAINTENANCE FACILITY LOCATED IN BLUEFIELD, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p> <p>ALL TECHNICAL QUESTIONS CONCERNING THE DESIGN OF THIS PROJECT MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT FRANK.M.WHITTAKER WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS FEBRUARY 17, 2010 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED. ANY QUESTIONS RESULTING FROM ANY SITE VISIT MUST BE SUBMITTED IN ACCORDANCE WITH THESE PROVISIONS.</p> <p>QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT A PROPOSAL TO THE STATE OF WV ARE NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE OPENING DATE FOR THE PROPOSALS AND IN ANY FORMAT.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

	TELEPHONE	DATE
	<b>(304) 346-1127</b>	<b>2/2/10</b>
resident of Facilities	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
	<b>23-1498326</b>	

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



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

### Request for Quotation

RFQ NUMBER:  
**PTR10034**

PAGE:  
**2**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER  
 304-558-2316**

RFQ COPY

TYPE NAME/ADDRESS HERE  
**Buchart Horn, Inc.  
 400 Tracy Way, Suite 110  
 Charleston, WV 25311**

SHIP TO

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
02/01/2010				

ENDING DATE: **03/03/2010** **BID OPENING TIME 01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
EXHIBIT 10						
REQUISITION NO.: PTR10034.....						
ADDENDUM ACKNOWLEDGEMENT						
I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.						
ADDENDUM NO.'S:						
NO. 1 .X- dated 2/18/10						
NO. 2 .N/A.....						
NO. 3 .N/A.....						
NO. 4 .N/A.....						
NO. 5 .N/A.....						
I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF TH ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF PROPOSALS.						
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.						
						SIGNATURE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

RE: TELEPHONE: **(304) 346-1127** DATE: **2/2/10**

President of Facilities FEIN: **23-1498326** ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER  
**PTR10034**

PAGE  
**3**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER  
 304-558-2316**

RFQ COPY  
 TYPE NAME/ADDRESS HERE

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
02/01/2010				

ENDING DATE: **03/03/2010** **BID OPENING TIME 01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				..... Buehart Horn, Inc. .... COMPANY ..... 2/2/10 ..... DATE		
<p>NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE PROPOSAL.</p> <p>REV. 09/21/2009</p> <p>APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "EXPRESSION OF INTEREST" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p> <p>REV. 5/2009</p> <p>NOTICE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

RE	TELEPHONE <b>(304) 346-1127</b>	DATE <b>2/2/10</b>
----	------------------------------------	-----------------------

President of Facilities **23-1498326** ADDRESS CHANGES TO BE NOTED ABOVE

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



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

# Request for Quotation

RFQ NUMBER  
**PTR10034**

PAGE  
**4**

ADDRESS CORRESPONDENCE TO ATTENTION OF  
**FRANK WHITTAKER  
 304-558-2316**

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
02/01/2010				

OPENING DATE: **03/03/2010** **BID OPENING TIME 01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>A SIGNED PROPOSAL MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION            PURCHASING DIVISION            BUILDING 15            2019 WASHINGTON STREET, EAST            CHARLESTON, WV 25305-0130</p> <p>THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:</p> <p>SEALED EOI</p> <p>BUYER: FRANK WHITTAKER-FILE 44</p> <p>REQ. NO.: PTR10034</p> <p>EOI OPENING DATE: 03/03/2010</p> <p>EOI OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR PROPOSAL:</p> <p>(304) 246-7295</p> <p>PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS PROPOSAL:</p> <p>Michael M. Phillips, AIA, LEED® AP, Senior Architect</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

TELEPHONE <b>(304) 246-1127</b>	DATE <b>2/2/10</b>
FEIN <b>23-1498326</b>	ADDRESS CHANGES TO BE NOTED ABOVE

President of Facilities

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



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

# Request for Quotation

RFQ NUMBER  
**PTR10034**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER  
 304-558-2316**

RFQ COPY

TYPE NAME/ADDRESS HERE  
**Buchart Horn, Inc.  
 400 Tracy Way, Suite 110  
 Charleston, WV 25311**

SHIP TO

**DIVISION OF PUBLIC TRANSIT  
 BUILDING 5, ROOM 906  
 1900 KANAWHA BOULEVARD, EAST  
 CHARLESTON, WV  
 25305-0432 304-558-0428**

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
2/18/2010				

ISSUING DATE: **03/03/2010** **BID OPENING TIME 01:30PM**

LINE	QUANTITY	UQP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED BID FORMS #3, #4, #5, AND #6 WHICH WERE INADVERTANTLY OMITTED FROM THE EXPRESSION OF INTEREST.						
	1	LS		906-00-00-001		
ARCHITECTURAL/ENGINEERING SERVICES FOR ADMIN. BLDG.						
***** THIS IS THE END OF RFQ PTR10034 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

TELEPHONE  
**(304) 246-1127**

DATE  
**2/2/10**

Ident of Facilities  
 FEIN **23-1498326**

ADDRESS CHANGES TO BE NOTED ABOVE

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



RFQ No. PTR10034

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

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

**DEFINITIONS:**

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

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

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

Under penalty of law for false swearing (*West Virginia Code §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: Buchart Horn, Inc

Authorized Signature: [Signature] Date: 2/2/10

State of Pennsylvania

County of York, to-wit:

Taken, subscribed, and sworn to before me this 2 day of March, 2010

My Commission expires April 26, 2013.

AFFIX SEAL HERE

NOTARY PUBLIC

Linda L Brown

**COMMONWEALTH OF PENNSYLVANIA**

Notarial Seal  
Linda L. Brown, Notary Public  
City of York, York County  
My Commission Expires April 26, 2013

Member, Pennsylvania Association of Notaries  
Purchasing Affidavit (Revised 12/15/09)



March 1, 2010

Mr. Jason Boyd, P.E.  
Buchart Horn, Inc.  
400 Tracy Way, Suite 110  
Charleston, WV 25311

RE: Letter of Commitment  
Bluefield Area Transit PTR 10034

Dear Mr. Boyd:

As discussed, NGE would be pleased to provide geotechnical services to Buchart Horn for the Bluefield Area Transit Project. We can provide complete drilling and sampling, laboratory testing, and geotechnical analysis services for this project with our in-house personnel and equipment.

Please note that NGE is a registered Disadvantaged Business Enterprise (DBE) with the West Virginia Division of Highways and currently has a Statewide Agreement with the WVDOH to provide geotechnical services.

Thank you for inviting us to participate on your design team for this project. We look forward to working with you.

Sincerely,

NGE

A handwritten signature in black ink that reads "John E. Nottingham". The signature is written in a cursive style with a large, prominent 'J' and 'N'.

John E. Nottingham, P.E.  
Vice President

Buyer: FW-44 Page: \_\_\_\_\_ PO# PTR10034  
Spending Unit: Division of Public Transit  
Department of Transportation

**BID FORM # 1: Letter of Intent**

Name of Bidder/Offeror's firm : Buchart Horn, Inc.

Address: 400 Tracy Way, Suite 110

City: Charleston State: WV Zip Code: 25311

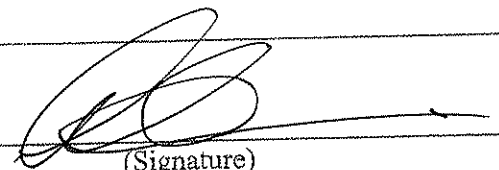
Name of DBE firm: NGE, LLC

Address: 806 B Street

City: St. Albans State: WV Zip Code: 25177

Telephone: (304) 201-5180

Description of work to be performed by the DBE firm:  
Geotechnical Engineering

By:  \_\_\_\_\_  
(Signature) Vice President of Facilities  
(Title)

If the Bidder/Offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

(Submit this page for each DBE subcontractor.)

Buyer: FW-44 Page: \_\_\_\_\_ PO# PTR10034  
Spending Unit: Division of Public Transit  
Department of Transportation

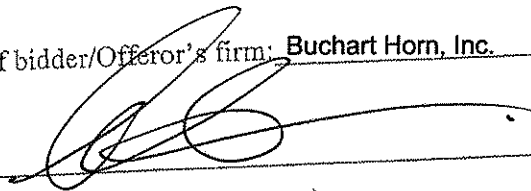
**BID FORM #2: DISADVANTAGED BUSINESS ENTERPRISE (DBE)  
UTILIZATION**

The undersigned Bidder/Offeror has satisfied the requirements of the bid specification in the following manner (please check the appropriate space):

The Bidder/Offeror is committed to a minimum of 5.1% DBE utilization on this contract.

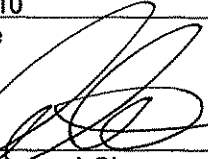
The Bidder/Offeror (if unable to meet the DBE goal of 5.1%) is committed to a minimum of 5.1% DBE utilization of this contract and submits documentation demonstrating good faith efforts.

Name of bidder/Offeror's firm: Buchart Horn, Inc.

By:  \_\_\_\_\_  
(Signature) Vice President of Facilities  
(Title)

**BID FORM#3**

Buchart Horn, Inc. hereby certifies that it IS or (IS NOT) (specify one) included  
the U.S. Comptroller General's Consolidated List of Persons or Firms Currently Debarred for violations  
various Public Contracts Incorporating Labor Standards Provisions.

10  
e  
  
Authorized Signature

President of Facilities

Buchart Horn, Inc.  
Company Name

**BID FORM #4**

**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING  
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major  
party contract),

Buchart Horn, Inc. (COMPANY NAME) certifies to the best of its  
knowledge and belief, that it and its principals:

Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily  
excluded from covered transactions by any Federal department or agency;

Have not within a three-year period preceding this proposal been convicted of or had a civil judgment  
rendered against them for commission of fraud or a criminal offense in connection with obtaining,  
attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public  
transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery,  
bribery, falsification or destruction of records, making false statements, or receiving stolen property;

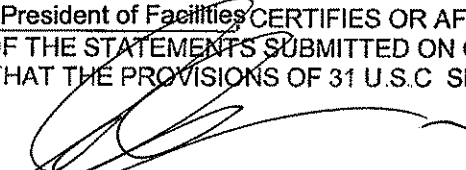
Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal,  
State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification;  
and

Have not within a three-year period preceding this application/proposal had one or more public  
transactions (Federal, State or local) terminated for cause or default.

(If primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor)  
unable to certify to any of the statements in this certification, the participant shall attach an explanation to this  
certification.)

PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR  
POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),

My J. Shinsky, AIA, LEED® AP, Vice President of Facilities CERTIFIES OR AFFIRMS THE TRUTHFULNESS  
AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS  
CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ.  
ARE APPLICABLE THERETO.

  
\_\_\_\_\_  
Signature and Title of Authorized Official

**BID FORM #5**

**CERTIFICATION OF RESTRICTIONS ON LOBBYING**

The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

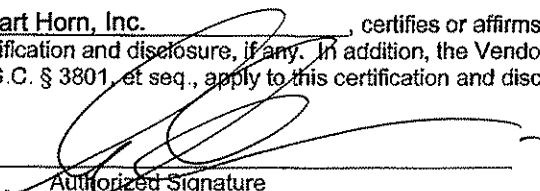
1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection 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.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of 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 undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. [as amended by "Government Wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)]
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure. [Note: Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such expenditure or failure.]

The Vendor, Buchart Horn, Inc., certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Vendor understands and agrees that the provisions of 31 U.S.C. § 3801, et seq., apply to this certification and disclosure, if any.

2/2/10

Date

  
Authorized Signature

Vice President of Facilities

Title

- Preliminary Finish and Furnish Selections
- Refine Program, Schedule and Budget
  
- Design Development Phase
  - Finalize Design
  - Develop Construction Drawings and Specifications
  
- Bidding Phase
  - Bidding Support
  - Construction representation / Documentation as required

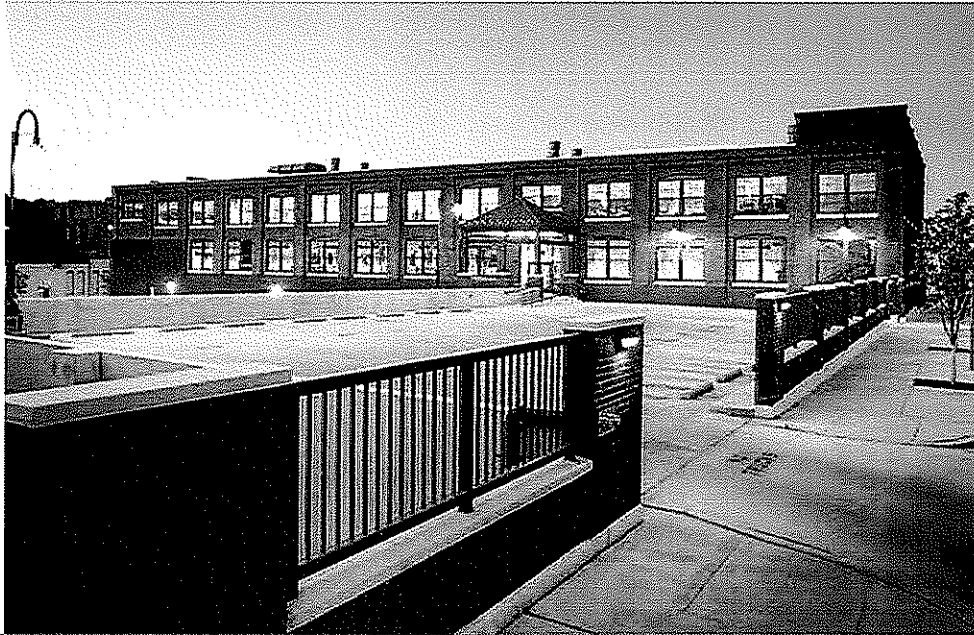
We believe that the goal of every successful project is a fully satisfied client and workable, cost effective solutions to problems. The element that enables a successful project is the people - skilled and experienced technical personnel committed to a successful project and supported by the management and owners of the firms. We have assembled an exceptional group of professionals to work on design of this new facility.

A chart showing the organizational structure and technical responsibilities of the project team is included within this submittal. Detailed resumes for all project personnel are also included.

Michael M. Phillips, AIA, LEED® AP, will serve as Project Manager and Lead Architect. In this role, Mr. Phillips will serve as the lead point of contact with the State and City. As Lead Architect for Buchart Horn's West Virginia operations, Mike has served as Project Manager and Lead Architect for all of our recent West Virginia facilities. As Project Manager, Mike's responsibilities will include:

- Formulating the Project Work Plan.
- Establishing the Project Schedule.
- Ensuring that all project milestones are met through the coordination and monitoring of the project schedule and budget for the entire project team.
- Conducting meetings with the State and City to document decisions or open items (project issues) and to publish meeting minutes that document those decisions/open items.
- Identifying and monitoring all open items/project issues so that all key project information is acted upon/ responded to in a timely and professional manner.
- Participating with the team in site visits in order to assess existing conditions and to collect and verify all appropriate program needs and requirements.
- Confirming that all work is being performed in accordance with the project scope and guidelines.
- Coordinating and monitoring of project engineers/ architects to ensure consistency and quality of work via regular meetings.
- Communicating among all members of the project team to ensure the consistent application of all project standards, schedules and date decisions.
- Responding to inquiries by the State and City.





For 65 years, Buchart Horn, Inc. has managed and successfully completed multi-disciplinary projects throughout the eastern United States. As a full-service architectural, engineering, and planning firm serving our clients through 15 operating offices, we are well positioned to assist our clients with any project.

Buchart Horn is extremely proud of its performance for state, federal, and local governments and agencies as well as private clients. Our tradition of excellence has led to our current *Engineering News Record* ranking among the nation's Top 500 Design Firms and the Top 200 Environmental Firms. We have planned and designed projects worth more than \$2 billion and have been responsible for numerous award-winning projects.

**Locations**

- West Virginia: Charleston
- Pennsylvania: York, Harrisburg, New Cumberland, Pittsburgh, State College, Stroudsburg
- Louisiana: Baton Rouge
- Maryland: Baltimore
- Mississippi: Batesville
- New Jersey: Marlton
- Tennessee: Memphis, Milan
- Germany: Frankfurt/Main, Kaiserslautern

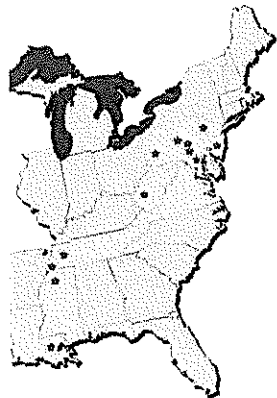
**Services**

We specialize in designing, improving, and solving infrastructure and structure problems and in helping our clients comply with environmental, life safety, and other codes and regulations. We provide:

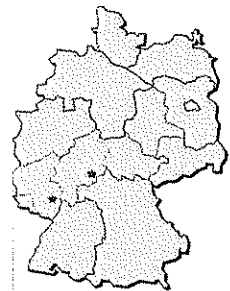
- Architecture
- Civil/Site Development
- Landscape Architecture Design
- Environmental Planning
- Surveys/Mapping
- HVAC, Plumbing, Energy Conservation
- Construction Management
- Electrical Systems
- Structural Design
- Geographic Information Systems (GIS)
- Highways, Roads, Streets
- Traffic and Traffic Management
- Recreation Parks and Trails
- Parking Garages and Decks
- Schools
- Telecommunications
- Water/Wastewater Treatment and Systems

**Contact**

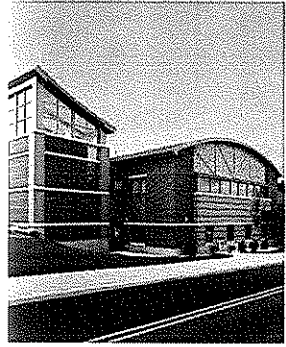
400 Tracy Way • Suite 110 • Charleston, WV 25311  
 Office: (717) 852-1400 • Fax: (717) 852-1401  
[www.bh-ba.com](http://www.bh-ba.com)



**U.S. Offices**



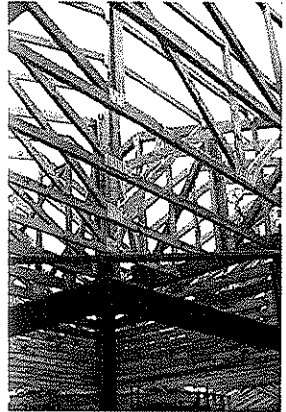
**German Offices**



### Architecture

Buchart Horn offers complete architectural design capabilities including site selection, feasibility analysis, and the following services:

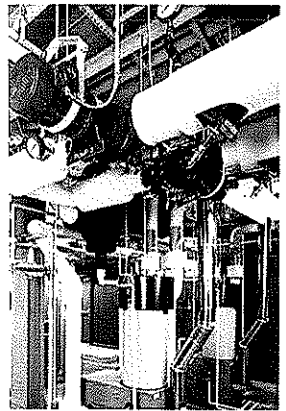
- ADA Evaluations/Compliance
- Building Evaluation
- Building Retrofits
- Cost Estimating
- Existing Conditions Review
- Facilities Design
- Feasibility Studies
- Historic Preservation
- Materials Selection
- Programming
- Renderings and 3-D Animations
- Renovations and New Construction
- Restoration
- Sustainable Design/LEED®/Green Design
- Site Analysis



### Structural Engineering

Buchart Horn has been planning, designing, and adapting infrastructure and buildings for 65 years. Our structural engineering services involve all types of materials and structural systems.

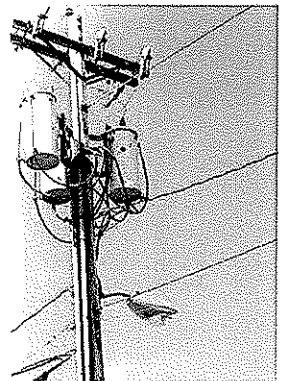
- Parking Structures
- Structural Analysis
- Feasibility Studies and Reports
- Structural Evaluation of Buildings
- New Buildings and Special Structures
- Foundation Design - Buildings and Equipment
- Renovations and Additions
- Industrial Design
- Commercial Design
- Ecclesiastical Design
- Educational Design
- Municipal Design
- Hospitals and Nursing Homes
- Housing for the Elderly
- Antenna Towers
- Swimming Pools
- Overhead Materials Handling Systems
- Retaining Structures



### Mechanical Engineering

We provide complete system assessment, design and construction phase services for HVAC, plumbing, and fire protection systems. Our designs achieve a suitable balance of comfort, safety, health, and hygiene with sensitivity to client budgets and ease of upkeep. Our common-sense approach integrates the building systems with the need for a flexible, responsive, and energy-saving environment. Services include:

- Alternative Energy Sources
- Automatic Temperature Controls
- Building Management Systems
- Coal, Gas, and Oil Burner Retrofits
- Compressed Air Systems
- Dust Collection Systems
- Energy Protection Systems
- High-Pressure Boiler Plants
- HVAC Systems
- Industrial Process Distribution
- Plumbing and Drainage Systems
- Steam Power Distribution
- Value Engineering and Life Cycle Analysis
- Ventilation Heat Recovery



### Electrical Engineering

From specialty lighting design and electrical power supply to completely automated systems development, our experienced electrical engineering staff can support a project from evaluation through system start-up and troubleshooting. Complete electrical engineering services are provided to architects, engineers, and public and private sector clients. Sophisticated instrumentation and control systems are often at the heart of today's electrical engineering projects. Our specialized experience brings cost-effective solutions to respond to client needs through the following services:

- Navigational Aids
- Interior and Exterior Lighting
- Power Distribution
- Facility Systems
- Telecommunications and Networking
- Process Automation and Control
- Operation and Maintenance Evaluation
- Systems Commissioning, Field Inspection, Start-up
- Electrical Studies and Analysis

**Planning**

In our firm, planning is not a separate discipline. It is an important component in assisting our clients in making knowledgeable project and programming decisions. We provide planning for the following types of projects:

- Comprehensive Planning
- Economic Feasibility
- Environmental Planning
- Facilities Planning
- GIS/Mapping
- Land Planning
- Landscape Architecture
- Master Planning
- Public Meetings
- Recreational Planning
- Space Planning
- Zoning and Subdivision Ordinances

**Site/Civil Engineering**

Buchart Horn's civil engineering group matches sophistication and execution to complex, project-specific, and regulatory requirements to leverage the latest technological and computer advances.

- Parking Studies and Design
- Flood Studies
- Grading and Drainage Design
- Right-of-Way Services
- Sediment and Erosion Control
- Signalization
- Site Development
- Stormwater Management
- Traffic Studies and Analyses
- Utilities Design

**Construction Services**

Our construction management engineers and inspectors serve as representatives of the client/owner, providing liaison with contractors so that construction complies with contract documents. We provide the full spectrum of construction phase services for all types of architectural and engineering projects including:

- Construction Inspection
- CPM Scheduling and Evaluation
- Claims/Change Order Management
- Constructability Analysis
- Construction Audits
- Construction Management
- Contract Administration
- Design/Build
- Equipment Start-up
- Grants Administration
- Materials/Equipment Procurement
- Material Sampling and Testing
- Permit Processing
- Specialized Testing

**Environmental Engineering**

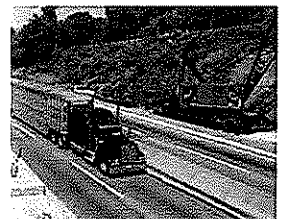
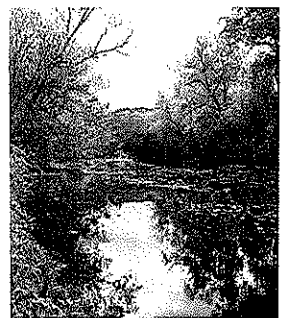
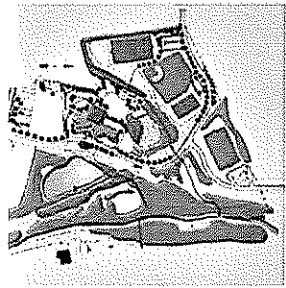
Our environmental engineering services range from water treatment to sludge management and disposal. Our staff is familiar with code regulations. Services available include:

- Environmental Assessments
- Environmental Auditing
- Environmental Compliance
- Financial Analysis/Funding Assistance
- Geological Engineering
- Geophysical Investigations
- Infiltration/Inflow Studies
- Soil Contamination Studies
- Solid Waste/Air Quality Management
- Stormwater Management/NPDES Permitting
- Water and Wastewater Collection/Treatment Systems
- Water and Sewage Facilities Planning
- Wetlands Delineation and Permit Applications

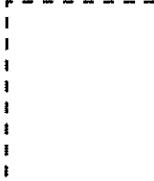
**Transportation Engineering**

Our Transportation Division offers a full range of transportation-related experience including:

- Airport Design
- Bridge Design and Inspection
- Dam Design and Inspection
- Flood Studies and Hydrological Analyses
- Highway Design
- Railroad and Railroad Bridge Design
- Site Grading, Drainage, Stormwater
- Traffic Studies



**State of West Virginia  
Division of Public Transit**



**Principal-In-Charge**  
Anthony J Shinsky, AIA, LEED® AP

**Project Manager**  
Michael M Phillips, AIA, LEED® AP

**QA/QC Manager**  
Philip A Frey, AIA

<b>Architecture</b> Michael M Phillips, AIA, LEED® AP	<b>Electrical Engineering</b> Jeffrey B Moreland, PE
<b>Mechanical Engineering</b> Michael G Miller, PE, LEED® AP	<b>Structural Engineering</b> James M California, PE
<b>Site/Civil Engineering</b> Vincent Wayne, PE Jason M Boyd, PE, MBA	

# Michael M Phillips, AIA, LEED® AP

Project Manager/Architect

## Education:

Bachelor of Architecture/  
Architecture

## Registrations/Certifications:

Registered Architect  
LEED 2.0® Accredited  
Professional

## Years of Experience:

23

## Professional Affiliations:

American Institute of  
Architects/West Virginia  
Chapter  
National Council of  
Architectural Registration  
Boards

With a diverse background in project scale, type, and style, Mr. Phillips has a strong record of successfully working with and integrating existing facilities into new designs and programs. His knowledge and experience gained from a strong background and practice in historic preservation and renovation bring a keen insight into dealing with the issues of adaptive re-use and the recycling of existing built elements. This wide-ranging experience has also helped fashion a working knowledge of resilient, lasting designs, structurally, functionally, and pragmatically as well as aesthetically.

Mr. Phillips' relevant experience includes the following projects:

- Kanawha County Judicial Annex Renovations, Charleston, WV.
- New Research Support Facility and Storage Yard, Canaan Valley Institute, Davis, WV.
- Preparation of Lewis County Courthouse Annex Comprehensive Plan, Weston, WV.
- Design of Lewis County Courthouse Annex, Weston, WV.
- Transportation Security Administration Offices Design, Yeager Airport, Charleston, WV.
- Yeager Airport Terminal Renovations, Central WV Regional Airport Authority, Charleston, WV.
- Rehabilitation Design for State Capitol Parking Facility, Charleston, WV.
- Administrative and Judicial Facilities Renovation Design, Preston County Commission, Kingwood, WV.
- Feasibility Study for Expansion of Monongalia County Courthouse and Construction of New Intermodal Parking Facility, Morgantown, WV.
- Huse Memorial Park Administration/Maintenance Facility Improvements, Town of Fayetteville, WV.
- Design of Rappel Tower and Leadership Reaction Course, West Virginia Army National Guard/US Army Corps of Engineers, Camp Dawson, WV.
- Mountain State University, Feasibility Study for New Multi-Level Parking Facility with Student Center and Gymnasium, Beckley, WV.
- Preparation of Design Charrette for Proposed Readiness Center, US Army Corps of Engineers, Buckhannon, WV.
- Bus Service Facility Additions and Alterations, Tri-State Transit Authority, Huntington, WV.
- Design of Elkins Maintenance Facility, WVDOT, Randolph County, WV.
- Old Main Auditorium Renovation, Marshall University, Huntington, WV.
- Squadron Operations Building 107 Repair, USPFO for PA, 171st Air Refueling Wing, Coraopolis, PA.
- Combat Arms Training Simulator and Combat Arms Training and Maintenance Facility Design, USPFO for PA, 171st Air Refueling Wing, Coraopolis, PA.
- Fuel System Maintenance Dock Repair, Building 304, USPFO PA, 171st Air Refueling Wing, Coraopolis, PA.

# Anthony J Shinsky, AIA, LEED® AP

Principal-in-Charge

RESUME

Anthony J Shinsky, AIA, LEED® AP

## Education:

Bachelor of Architecture/  
Architecture

## Registrations/Certifications:

Registered Architect

LEED 2.0® Accredited  
Professional

## Years of Experience:

22

## Professional Affiliations:

American Institute of Architects

National Council of  
Architectural Registration  
Boards

Society of American Military  
Engineers

As Principal-in-Charge on this project, Mr. Shinsky will meet regularly with Project Manager to monitor schedules and budgets. He will also periodically contact you to confirm that you are satisfied with the progress being made and with our performance throughout the course of this project. As Buchart Horn's Vice President of Facilities Division, Mr. Shinsky is available to discuss any aspect of this project with you at your request. In addition, he will review project performance reports prepared by QA/QC Officer and coordinate with Project Manager and QA/QC Officer any action to be taken to maintain excellent performance standards.

Mr. Shinsky's relevant experience includes the following projects:

- Municipal Complex Design and Adaptive Reuse, Township of Derry, Hershey, PA.
- L.D. Astorino & Associates, Office Complex Renovation, Mechanical, Electrical and Plumbing Services, Camp Hill, PA.
- Design of Combined Army National Guard Readiness Center, Pennsylvania DGS/PA Army National Guard, Waynesburg, PA.
- Design of Lewis County Courthouse Annex, Weston, WV.
- Yeager Airport Terminal Renovations, Central WV Regional Airport Authority, Charleston, WV.
- Preparation of Design Charrette for Proposed Readiness Center, US Army Corps of Engineers, Buckhannon, WV.
- Design of Rappel Tower and Leadership Reaction Course, West Virginia Army National Guard/US Army Corps of Engineers, Camp Dawson, WV.
- Mountain State University, Feasibility Study for New Multi-Level Parking Facility with Student Center and Gymnasium, Beckley, WV.
- Spiegle Architectural Group/Neumann College, Science Laboratory Renovations at Bachmann Main Building, Aston, PA.
- Spiegle Architectural Group, Analysis of Existing Conditions and As-built Drawings for HVAC, Electrical Power and Lighting, TD Bank Call Center, Harrisburg, PA.
- HVAC Improvements for Computer Laboratories in High School and Middle School, West York Area School District, York, PA.
- Design of Administrative Building Addition and Truck Entrance, Springettsbury Township, PA.
- PA DGS, Vehicle Storage Building Design, Pennsylvania Military Museum, Boalsburg, Centre County, PA.
- GM McCrossin Inc./PA DGS, L-3 Close Security Housing Unit Design/Build at State Correctional Institution, Pine Grove, PA.
- Architectural, Engineering and Site Development Services for Fairfield Inn & Suites with Shaner Investments, Lock Haven, PA.

---

**Philip A Frey, AIA**QA/QC Manager

---

**Education:**Bachelor of Architecture/  
Architecture**Registrations/Certifications:**

Registered Architect

**Years of Experience:**

31

**Professional Affiliations:**

American Institute of Architects

Mr. Frey's responsibilities include providing the project design team leadership with coordination meetings, reports and communications through all phases of architectural services: feasibility and planning, schematic design, design development, construction documents, bidding, and construction contract administration.

Mr. Frey's relevant experience includes the following projects:

- Design of Combined Army National Guard Readiness Center, Pennsylvania DGS/PA Army National Guard, Waynesburg, PA.
- The Pennsylvania State University, Feasibility Study for Math & Science Complex Proposed Addition, Altoona, PA.
- Trexler Nature Preserve "Green" Environmental Center Design, Lehigh County, Allentown, PA.
- PA DGS, Vehicle Storage Building Design, Pennsylvania Military Museum, Boalsburg, Centre County, PA.
- PA DGS/Smithfield State Correctional Institute, Kitchen and Dining Area Renovations, Huntingdon County, PA.
- Window Replacement, St. Peter Apartments, Columbia, PA.
- Alpha Gamma Rho Fraternity House Renovations, State College, PA.
- New Middle School Architectural/Engineering Services, Downingtown Area School District, Uwchlan Township, Chester County, PA.
- Readiness Center HVAC Replacement, TN Dept. of Finance and Administration, McKenzie, TN.
- Lower Paxton Township Municipal Building, Harrisburg, PA.
- Upper Allen Township Municipal Building, Mechanicsburg, PA.
- Dr. Waltz Dental Office, Camp Hill, PA.
- Central Pennsylvania Hematology and Medical Oncology Center, Lemoyne, PA.
- Outlook Point Three Assisted Living Facilities, Lebanon, Williamsport & Johnstown, PA.
- Kinkora Pythian Retirement Home, Duncannon, PA.

# Michael G Miller, PE, LEED® AP

Mechanical Engineer

RESUME

Michael G Miller, PE, LEED® AP

## Education:

Associate of Science/  
Engineering

## Registrations/Certifications:

Professional Engineer

LEED 2.0® Accredited  
Professional

## Years of Experience:

40

## Professional Affiliations:

American Society of Heating,  
Refrigeration and Air-  
Conditioning Engineers

American Society of Plumbing  
Engineers

National Fire Protection  
Association

US Green Building Council

Mr. Miller is responsible for overall design and quality control of mechanical engineering projects. In choosing economical and innovative plumbing, fire protection, and HVAC systems, Mr. Miller evaluates practicality of operation and application; energy conservation; compliance to building code, safety, and health issues; hygienic practice; energy reclamation devices and procedures; and estimates the economical construction, maintenance, and operating costs for life cycle value engineering analyses. He generates computer load-modeling to accurately project value and feasibility of conservation alternatives. As Director of Buchart Horn's Mechanical Group, Mr. Miller oversees quality control checking of mechanical calculations, equipment and distribution systems, drawings and specifications for conformance to orthodox industry standards and prudent engineering procedures.

Mr. Miller's relevant experience includes the following projects:

- Kanawha County Judicial Annex Renovations, Charleston, WV.
- Municipal Complex Design and Adaptive Reuse, Township of Derry, Hershey, PA.
- L.D. Astorino & Associates, Office Complex Renovation, Mechanical, Electrical and Plumbing Services, Camp Hill, PA.
- Design of Municipal Services Center, Lower Allen Township, Camp Hill, PA.
- Mission Support Training Facility Design, USPFO for PA/Ft. Indiantown Gap, Annville, PA.
- Design of Buchart Horn, Inc.'s Corporate Headquarters, York, PA.
- Design of Combined Army National Guard Readiness Center, Pennsylvania DGS/PA Army National Guard, Waynesburg, PA.
- American Automobile Association (AAA) Office Expansion and Renovation, State College, PA.
- Pennfield Corporation Office Building Design-Build, Lancaster, PA.
- Design of Montgomery County Police Vehicle Recovery Facility, Gaithersburg, MD.
- Berg Electronics, Valley Green Corporate Headquarters Office Facility Additions and Renovations, Emigsville, PA.
- Health and Human Services Building Office Space Renovation, Dauphin County Commissioners, Harrisburg, PA.
- County Administration Building Renovation, Dauphin County Commissioners, Harrisburg, PA.
- County Courthouse Renovation, Dauphin County Commissioners, Harrisburg, PA.
- Improvements to Corporate Headquarters Building, PA League of Cities and Municipalities, Harrisburg, PA.
- Coopers and Lybrand Office Center Renovation, Harrisburg, PA.



---

# Jeffrey B Moreland, PE

Electrical Engineer

---

**Education:**

Master of Science/Electrical  
Engineering

Bachelor of Science/Electrical  
Engineering

**Registrations/Certifications:**

Professional Engineer

**Years of Experience:**

26

**Professional Affiliations:**

Association of Energy Engineers

Association of Iron and Steel  
Engineers

Institute for Electrical and  
Electronic Engineers/Control  
Systems, Instrumentation and  
Measurement, and Digital Signal  
Processing Societies

National Council of Examiners  
for Engineering and Surveying

Sigma Xi Scientific Research  
Society

Mr. Moreland is an Electrical Engineer with a solid background in process control and signal processing including a more than 25-year record of achievement in applying new and innovative technologies. His broad business experience, having operated his own multi-million dollar business as well as large capital projects for a Fortune 500 manufacturing company, ranges from applied R&D, software design, IT and operations management to a variety of electrical design and project management functions.

Mr. Moreland's relevant experience includes the following projects:

- **New Research Support Facility and Storage Yard, Canaan Valley Institute, Davis, WV.**
- **Design of Combined Army National Guard Readiness Center, Pennsylvania DGS/PA Army National Guard, Waynesburg, PA.**
- **Yeager Airport Terminal Renovations, Central WV Regional Airport Authority, Charleston, WV.**
- **Rehabilitation Design for State Capitol Parking Facility, Charleston, WV.**
- **Administrative and Judicial Facilities Renovation Design, Preston County Commission, Kingwood, WV.**
- **Huse Memorial Park Administration/Maintenance Facility Improvements, Town of Fayetteville, WV.**
- **Bus Service Facility Additions and Alterations, Tri-State Transit Authority, Huntington, WV.**
- **Design of Elkins Maintenance Facility, WVDOT, Randolph County, WV.**
- **Design of Rappel Tower and Leadership Reaction Course, West Virginia Army National Guard/US Army Corps of Engineers, Camp Dawson, WV.**
- **Squadron Operations Building 107 Repair, USPFO for PA, 171st Air Refueling Wing, Coraopolis, PA.**
- **Combat Arms Training Simulator and Combat Arms Training and Maintenance Facility Design, USPFO for PA, 171st Air Refueling Wing, Coraopolis, PA.**
- **Fuel System Maintenance Dock Repair, Building 304, USPFO PA, 171st Air Refueling Wing, Coraopolis, PA.**
- **Readiness Center HVAC Replacement, TN Dept. of Finance and Administration, McKenzie, TN.**
- **City Hall Annex Renovations, City of Bartlett, TN.**
- **Architectural, Structural, Mechanical and Electrical Engineering Services for Charles Ray Nix Wildlife Management Area Headquarters Facility, Panola County, MS.**

# James M California, PE

Structural Engineer

RESUME

James M California, PE

## Education:

Bachelor of Architectural  
Engineering/Structural  
Engineering

## Registrations/Certifications:

Professional Engineer

## Years of Experience:

29

## Professional Affiliations:

American Institute of Steel  
Construction

Mr. California is a Senior Structural Engineer and has extensive experience in structural building design on various government, municipal, commercial, industrial, and educational projects; field investigation and evaluation of existing structures; technical report preparation; shop drawing review; and technical support during construction.

Mr. California's relevant experience includes the following projects:

- Transportation Security Administration Offices Design, Yeager Airport, Charleston, WV.
- Kanawha County Judicial Annex Renovations, Charleston, WV.
- New Research Support Facility and Storage Yard, Canaan Valley Institute, Davis, WV.
- Design of Montgomery County Police Vehicle Recovery Facility, Gaithersburg, MD.
- American Automobile Association (AAA) Office Expansion and Renovation, State College, PA.
- Pennfield Corporation Office Building Design-Build, Lancaster, PA.
- County Administration Building Renovation, Dauphin County Commissioners, Harrisburg, PA.
- Health and Human Services Building Office Space Renovation, Dauphin County Commissioners, Harrisburg, PA.
- New Maintenance Garage, New Emergency Services Building, and Municipal Building Renovations, Hampden Township, PA.
- Mechanical, Electrical and Structural Design Services for Five-Story Office Complex, Susquehanna Broadcasting Company, York, PA.
- Architectural, Engineering and Site Development Services for Fairfield Inn & Suites with Shaner Investments, Lock Haven, PA.
- PA DGS, Vehicle Storage Building Design, Pennsylvania Military Museum, Boalsburg, Centre County, PA.
- GM McCrossin Inc./PA DGS, L-3 Close Security Housing Unit Design/Build at State Correctional Institution, Pine Grove, PA.
- Command Headquarters Facility Renovation (Wing D, Second Floor), Tobyhanna Army Depot, PA.
- Huse Memorial Park Administration/Maintenance Facility Improvements, Town of Fayetteville, WV.
- Design of Elkins Maintenance Facility, WVDOT, Randolph County, WV.
- Bus Service Facility Additions and Alterations, Tri-State Transit Authority, Huntington, WV.
- Old Main Auditorium Renovation, Marshall University, Huntington, WV.
- Yeager Airport Terminal Renovations, Central WV Regional Airport Authority, Charleston, WV.
- City Hall Annex Renovations, City of Bartlett, TN.
- Bartlett Station Municipal Center ADA Improvements, City of Bartlett, TN.

---

# Vincent Wayne, PE

Site/Civil Engineer

---

**Education:**

Bachelor of Science/Civil  
Engineering

Associate of Science/  
Architectural Engineering  
Technology

**Registrations/Certifications:**

Professional Engineer

**Years of Experience:**

26

**Professional Affiliations:**

American Society of Civil  
Engineers

Mr. Wayne has more than 25 years of experience in the field of land development. He is responsible for managing projects as well as coordinating design teams. His abilities encompass all phases of land development, from conceptual design and final plan through production of construction documents. Mr. Wayne's experience includes planning, designs for stormwater management, grading plans, erosion and sedimentation control plans, and site layouts.

Mr. Wayne's relevant experience includes the following projects:

- **Municipal Complex Design and Adaptive Reuse, Township of Derry, Hershey, PA.**
- **Design of Municipal Services Center, Lower Allen Township, Camp Hill, PA.**
- **Mission Support Training Facility Design, USPFO for PA/Ft. Indiantown Gap, Annville, PA.**
- **Fulton Financial Corp., Addition and Interior Renovations to Existing Bank Facility, Elizabethtown, PA.**
- **Design of Combined Army National Guard Readiness Center, Pennsylvania DGS/PA Army National Guard, Waynesburg, PA.**
- **Design of Montgomery County Police Vehicle Recovery Facility, Gaithersburg, MD.**
- **New Maintenance Garage, New Emergency Services Building, and Municipal Building Renovations, Hampden Township, PA.**
- **Master Planning and Design of Municipal Complex, Spring Garden Township, York, PA.**
- **PA DGS, Vehicle Storage Building Design, Pennsylvania Military Museum, Boalsburg, Centre County, PA.**
- **Architectural, Engineering and Site Development Services for Fairfield Inn & Suites with Shaner Investments, Lock Haven, PA.**
- **Trexler Nature Preserve "Green" Environmental Center Design, Lehigh County, Allentown, PA.**
- **Combat Arms Training Simulator and Combat Arms Training and Maintenance Facility Design, USPFO for PA, 171st Air Refueling Wing, Coraopolis, PA.**
- **Design of Entry Control Gates and Cantonment Fence, USPFO for PA/193rd Special Operations Wing, Middletown, PA.**
- **AT&T Wireless Services, Inc., Land Development for Parking Facility Expansion, Susquehanna Township, Dauphin County, PA.**
- **Civil Engineering for Hershey Center for Applied Research Building 2, Wexford Science and Technology LLC, Derry Township, PA.**

---

# Jason M Boyd, PE

Site/Civil Engineer

---

**Education:**

Master of Business  
Administration/Business  
Administration/Marshall  
University

Bachelor of Science/Civil  
Engineering/West Virginia  
University

**Registrations/Certifications:**

Professional Engineer

**Years of Experience:**

11

**Professional Affiliations:**

Society of American Military  
Engineers/Pittsburgh  
Post/Young Member

Mr. Boyd's civil engineering experience includes roadway design, right of way, geometric layouts, utility relocation design, maintenance of traffic, signing and marking, plan preparation/presentation, quantity/cost estimates, drainage design, hydrologic procedures, pavement/deck drainage, inlet spacing computations, channels, culverts, storm drains, and stormwater management.

Mr. Boyd's relevant experience includes the following projects:

- Rappel Tower and Leadership Reaction Course, West Virginia Army National Guard/US Army Corps of Engineers, Camp Dawson, WV.
- I-81 Tabler's Station Interchange, West Virginia DOT, Martinsburg, WV.
- Jones and Laughlin Overpass Bridge, WVDOT, Martinsburg, WV.
- Patterson's Mill Bridge and Avella Bridge Replacements, PennDOT District 12, Uniontown, PA.
- Route 9 and Craig Road/East Freehold Road Intersection Improvements, New Jersey DOT, Freehold and Manalapan Townships, Monmouth County, NJ.
- Dunlow Thru Truss Bridge, West Virginia DOT, Wayne County, WV.
- Slate Bridge Replacement, WVDOT, Wood County, WV.
- Virginia DOT, Right-of-Way and Construction Plans for Route 220, Botetourt County, VA.
- I-77/US 460 Interchange Bridge, West Virginia DOT, Mercer County, WV.
- King Coal Highway, West Virginia DOT, Mingo County, WV.
- Corridor H Final Design, WVDOT, Grant County, WV.
- PennDOT District 11-0, SR 910 A21 & A22, Salem Hollow Road Bridge Replacements, Segments 0080 and 0090, Allegheny County, PA.
- Field Investigation Services for the Source Water Assessment and Wellhead Protection Program, Tetra Tech, Inc., WV Department of Health and Human Services, Phillippi and Kearneysville, Districts, WV.
- Open End Environmental and Engineering Services, PennDOT District 1-0, Northwestern Pennsylvania.
- WVDEP, Terry Branch Portals and Refuse Remediation, Wyoming County, WV.
- Orders Construction Company, Value Engineering for Jones & Laughlin Overpass Bridge, Berkeley County, WV.
- Oakland Public Service District, Water System Improvements, Weirton, WV.

**Client:**

Central WV Regional Airport  
Authority



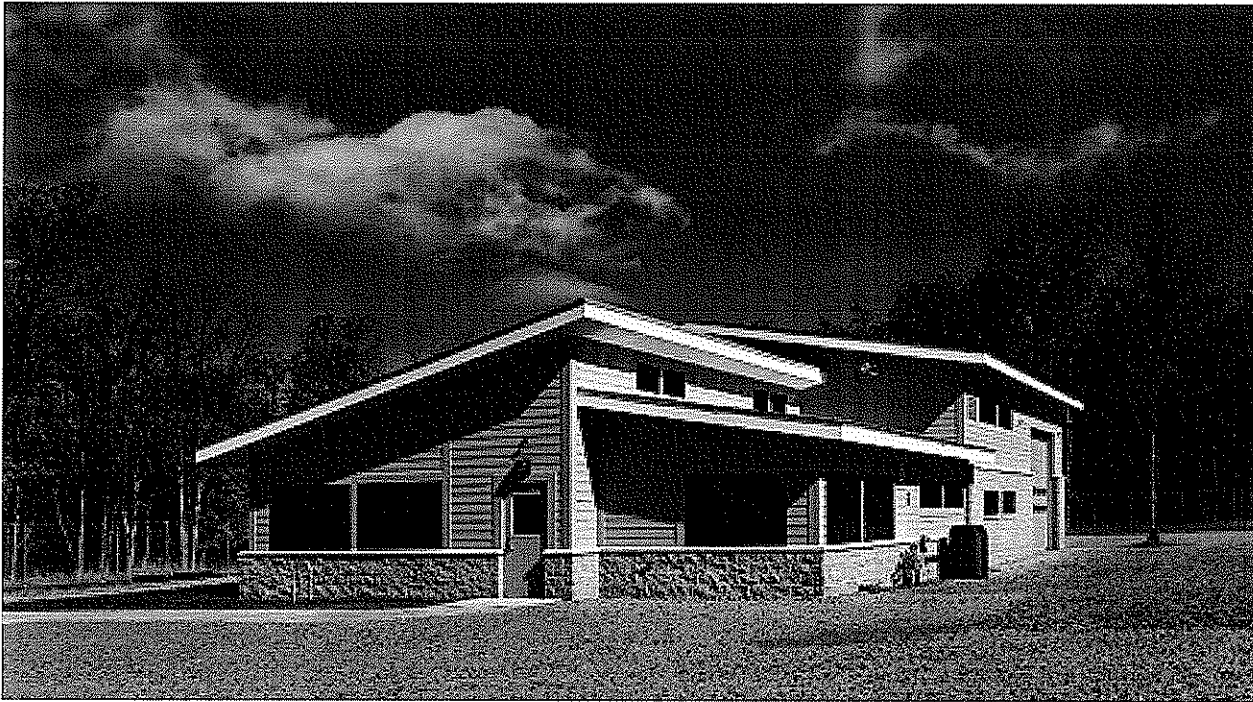
## Yeager Airport, Transportation Security Administration Offices

Buchart Horn was commissioned by the Central West Virginia Airport Authority to design secure administrative offices for the Transportation Security Administration (TSA), a division of the U.S. Department of Homeland Security. The Administration is responsible for airport baggage screening. The offices serve as management offices for the screeners at Yeager Airport, and also as the statewide center for TSA's airport security operations.

With an ideal location atop the existing 1950s-era concrete terminal building, the new offices have direct secure access via a new secure elevator.

An innovative solution was developed by Buchart Horn to add space on the existing rooftop of the 1940s terminal building. This created much needed office space (4,500 s.f.) immediately adjacent to the airport's executive offices, a requirement of the TSA, to allow close coordination of security, paramount in the event of emergencies. The solution includes:

- Biometric Security Devices
- Proximity Security Devices
- Director's and Administrative Offices
- Conference/Emergency Operations Area
- Outside Runway Observation Deck
- Secure Private Elevator
- Training Areas
- I.T. Room
- Network Servers
- Kitchenette and Breakroom
- ADA Compliant Rest Rooms



**Client:**  
Canaan Valley Institute

## Research Support Facility, Canaan Valley Institute

True to its mission, the Canaan Valley Institute (CVI) wanted its new Research Support Building to have a minimal environmental impact. CVI is a nonprofit group that helps communities improve the quality of life in their watersheds by restoring aquatic resources using cost effective, locally determined solutions.

Buchart Horn designed CVI's 3,750-ft<sup>2</sup> Research Support Building in Davis, WV to assist the Institute in its efforts to improve the environment, as well as allow them to be good stewards of their adjacent properties. The new research support facility is used to maintain equipment and oversee several hundred of the Institute's surrounding acres. The facility includes administrative offices, a shop bay with hoist, and a drive-through bay as well as areas for storage, lockers, showers, and shop space. A 1.5-acre fenced storage area is adjacent to the building. In keeping with the mission of the Canaan Valley Institute, the building is registered with the United States Green Building Council and is on track for certification through its LEED® program.

Buchart Horn's designers created a low-impact building with features that include a microturbine for generating electricity, waterless and high efficiency plumbing fixtures and sanitary systems, and radiant heating systems in high bay areas. The one story "green" building includes a Follansbee roof system and was constructed using LEED - certified construction methods, as well as recycled and regionally available building materials.



**Client:**

Tri-State Transit Authority

## Expand and Alter Bus Service Facility, Tri-State Transit Authority

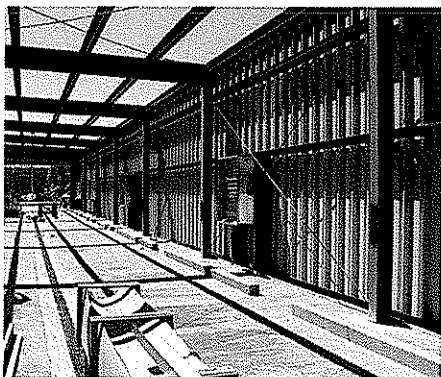
Buchart Horn designed and prepared construction documents and provided construction phase services and construction administration for additions and alterations to Tri-State Transit Authority's Bus Service Facility. The major alteration/addition was an approximately 25' by 125' (3,125 ft<sup>2</sup>) steel-framed metal building addition to the north side of the service bay facility (currently approximately 192' long). This bus storage structure was equipped with one drive bay door on each of its short ends, providing for the storage of three buses.

The project was funded by Tri-State Transit Authority; U.S. Department of Transportation; Federal Transit Administration; and West Virginia Department of Transportation, Division of Public Transit.

The construction budget was sufficient to make further improvements in the bus facility:

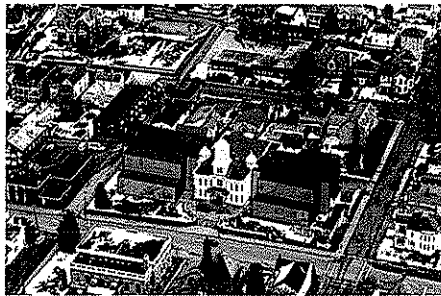
- Addition of power assist to exterior gates
- An integrated security system, with cameras and card access to entire facility, including exterior gates
- Repair two maintenance pits in the current facility
- Replace approximately 30% of exterior concrete slabs
- New compressor system to serve current and new facilities
- Replace waste oil burner (under a separate contract, with Buchart Horn assistance)

Other improvements under consideration include new emergency generator to run backup lighting, fuel system, and roll-up doors; expansion of fuel storage; and adding sediment traps to current SSI liquid separation system.



**Client:**

Lewis County Building  
Commission



## Lewis County Courthouse Annex Planning

Buchart Horn was commissioned to develop a comprehensive plan for a courthouse annex to support the services required by the citizens of Lewis County, West Virginia. The study focused on short-, medium-, and long-term programming needs and the evaluation of two sites, the existing District courthouse site and the historic Weston State Hospital.

All County-owned buildings were toured, as well as the main hospital building and the TB Ward building at the closed State Hospital. All County buildings were completely surveyed and documented as part of this report, including the structural, mechanical, and electrical systems. As a report existed on file, the State Hospital buildings were not surveyed.

Concurrent with the site investigation, all public officials and department managers were interviewed. The interviews revealed little potential growth over the next 20 years, which is consistent with the demographic profile of the county. All interviewees were very conservative with their growth projections. As a result, the current departmental structure with allowance for minor growth became the criteria for design.

The eventual recommendation made was for use of the existing Courthouse site, adding two balanced wings to satisfy the needed 60% overall increase in space while maintaining the symmetrical character of the structure. Recommendations were made to raze the existing jail structure and miscellaneous adjacent residential structures to accommodate new construction and off-street parking.





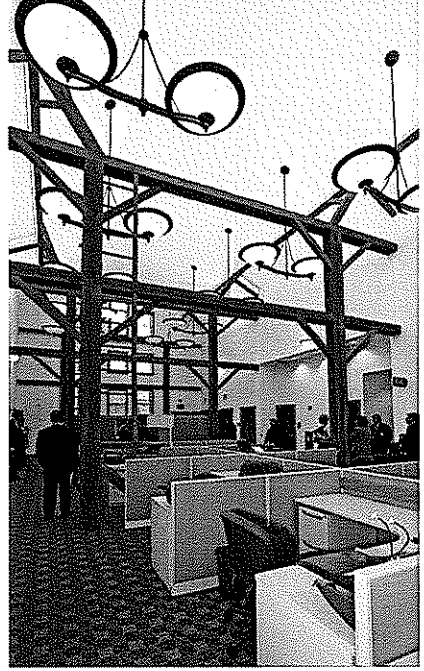
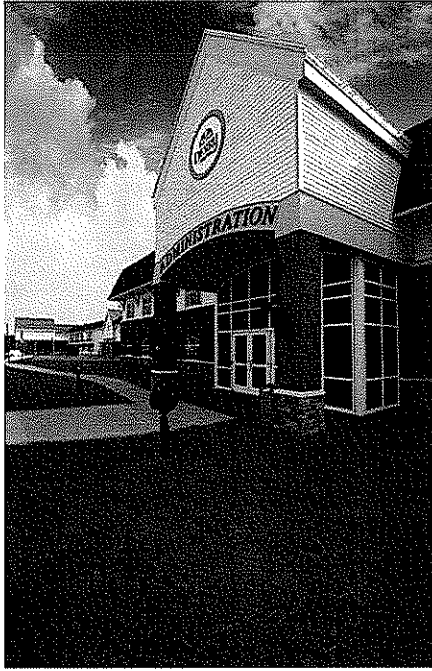
## PE Tech Office Building

NorthGate Business Park is the perfect setting for this two-story, 12,000 square foot office building. Buchart Horn was approached by RPM Engineers to design an appropriate headquarters for their Charleston operation that would also include space to lease. The design and location became so appealing that Buchart Horn chose to lease the ground floor for their Charleston operations, with RPM occupying the top floor.

Planning, building design, site design, and construction of the project moved quickly, with design beginning in June of 2005 and the facility fully occupied, including an operating elevator, on December 15 the same year.

Quality and detail were not sacrificed in the process, as demonstrated when the West Virginia Associated Builders and Contractors presented Buchart Horn with an Excellence in Construction award for the Best New Construction Project in the under \$2 million category. The Honorable Joe Manchin, Governor of West Virginia, was the guest of honor at the ribbon-cutting ceremony, along with other dignitaries in attendance to watch the Governor present Buchart Horn with a certificate of achievement for our work.





**Client:**  
Township of Derry ICDA

## Derry Township Municipal Complex

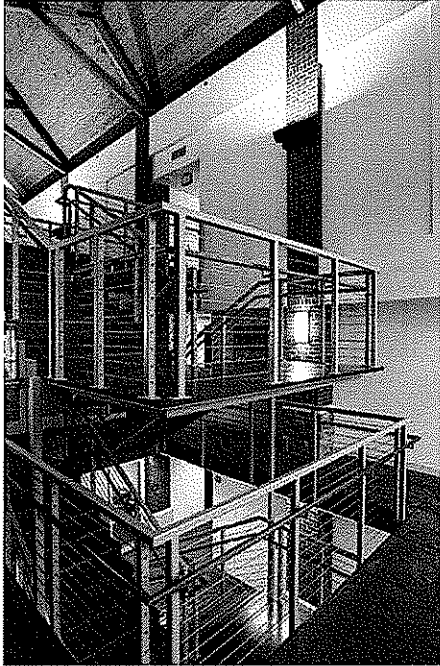
The former Township office was built only as a three- to five-year temporary location in 1993. In an effort to serve residents more efficiently, officials commissioned a space planning study and site analysis to determine the Township's specific office space needs and applicability of a specific prominent site to accommodate the needs identified.

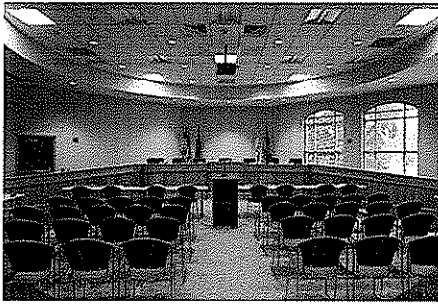
This feasibility study resulted in the design of the Township of Derry Municipal Complex, allowing residents to access the Township offices, Emergency Management Center, Tax Association, and the Police Department, all on one site. The Municipal Complex is immediately adjacent to the Public Works and Recycling Center, also designed by Buchart Horn.

The consolidation and centralization of these services would support the services required by the Township's residents as well as the millions of visitors who come to the Hershey community, for which the Township is the responsible municipal services provider. Based upon the growth and service needs projection over the next 15+ years, the new Municipal Complex design allows for flexibility as the Township grows and also incorporates safety and security measures throughout the complex.

The project involved renovations (33,100 sf) and additions (44,000 sf) to three former Milton S. Hershey School buildings, preserving the Hershey legacy and providing savings to the Township.

Buchart Horn assessed the site access, usefulness, systems, and load-bearing potential of each building for reuse or expansion. From traditional rancher-style residential construction to the voluminous, yet quirky timber-frame layout of the barn, the design team had its challenges. Overall, however, these buildings were in very good condition and were considered for adaptive renovation as well as





additions to meet the programmatic requirements.

After discussing space needs with Township departments, Buchart Horn provided multiple room and workspace configuration options to maximize the efficiency of municipal functions. In addition, Buchart Horn's in-house design team assessed and designed new strategies for pedestrian access, vehicle access, parking, lighting, energy efficiency, signage, landscaping, ventilation, and hazardous material remediation.

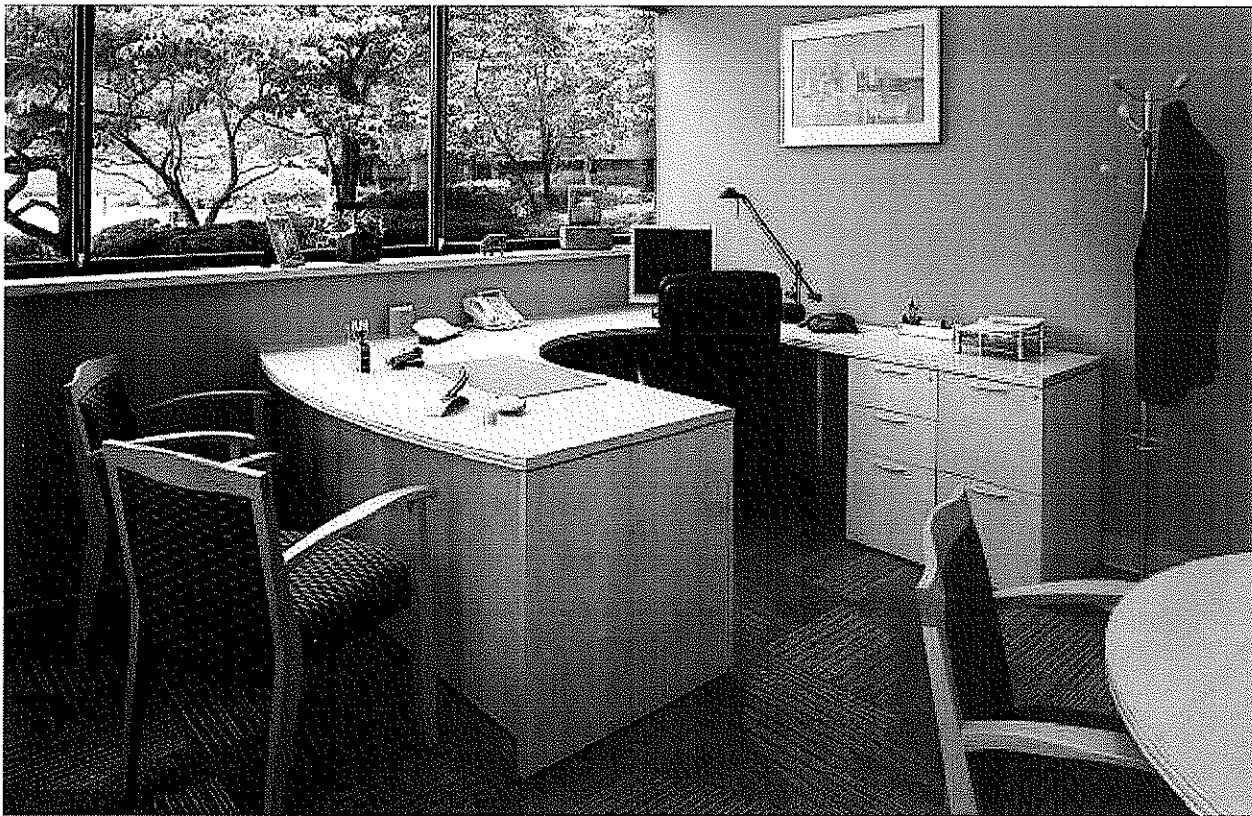
Another major improvement provided for in the design was Information Technology, which allowed the Township to consolidate several servers and systems. Beyond designing for the systems across three separate buildings, Buchart Horn was able to improve data networking and telecommunication systems across the Township's functional departments and extend them to the Township's Public Works, Library, and Recreation Center as well.

Safety and security design considerations were especially important in providing for the Police Department's office (41,500 sf) needs. To this end, careful planning and design elements were selected to comply with Commission on Accreditation for Law Enforcement Agencies (CALEA) standards. These elements include provisions for holding facilities; fire, heat, and smoke detection systems; firearm security measures; control points; sight and sound separation; A/V surveillance; communications center security; and alternate power sources, as well as the proper considerations for securing storage of property from both detainees and evidentiary property. Controlling access both from the exterior and among interior spaces was also incorporated into the design.

The electrical systems design provided a challenge to the Buchart Horn engineers as they designed the most economical power distribution (campus) method and utilization voltage to provide service to all the facilities on the site.

The electrical system includes two emergency generators that support full-time operation of the entire three-building complex to serve as an evacuation center in the event of an extreme emergency.





Client:  
Confidential Client

## Office Complex Renovation Mechanical, Electrical, and Plumbing Services

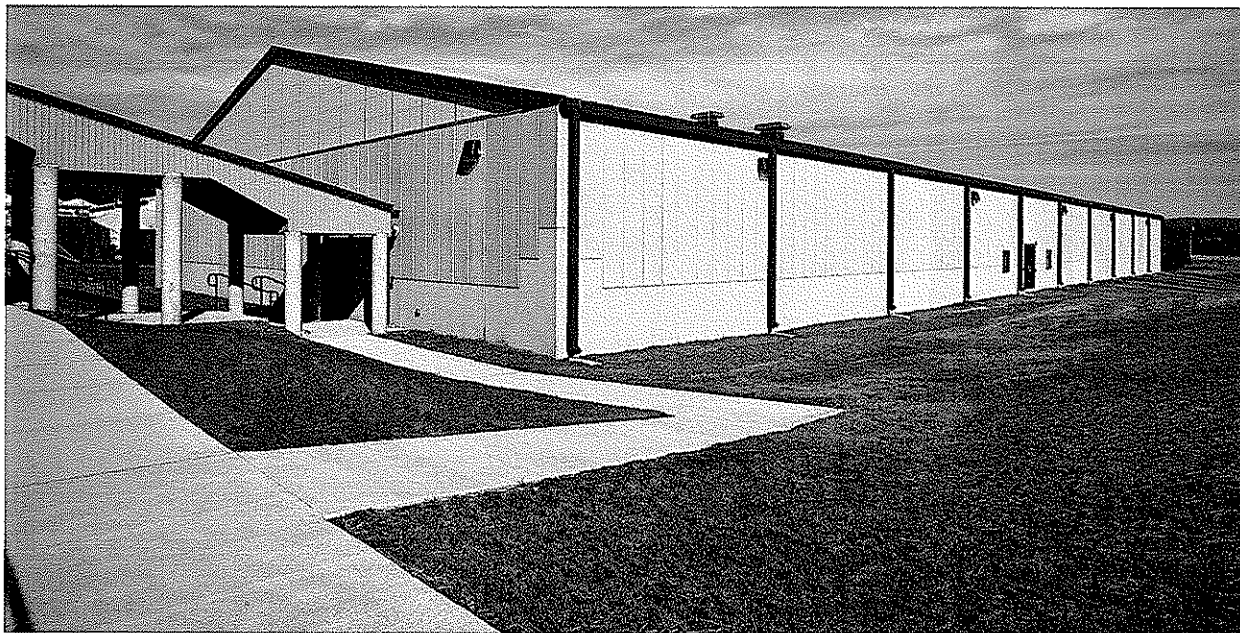
Buchart Horn, Inc. worked as a subconsultant for a confidential client to complete a 16- phase renovation of a 612,000 SF office complex in Camp Hill, Pennsylvania.

As the complex's first major interior renovation, the design goal was to update the existing early 1980s design to achieve LEED® Certification while meeting today's standards for workstations, architectural materials, maximum floor plate efficiency and building systems. Configured for office use, the campus houses 2,300 employees in four buildings that are joined by elevator lobbies and ground floor circulation connections.

In addition to office and workspace renovations, the firms were also responsible for the renovation of a 300-person auditorium and several conference rooms, custom casework and the development of all new building standards for furniture, fixtures, equipment, and lighting.

Engineering services included the upgrade and installation of the following systems: HVAC; power and lighting, fire protection and life safety; decommissioning and removal of existing UPS; installation of two new UPS systems and associated power distribution; integration of telephone, data and communications; security; chilled water system; air conditioner replacement and structural evaluation and improvements.



**Client:**

U.S. Property &amp; Fiscal Office

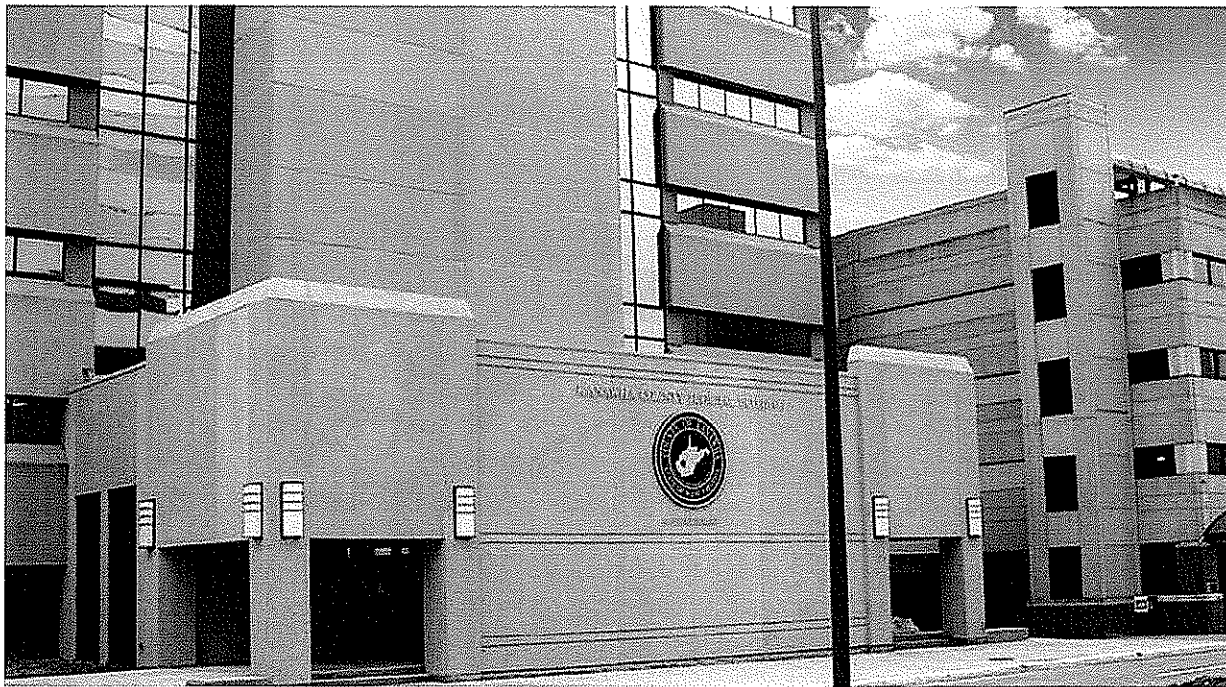
## Mission Support Training Facility Design, Ft. Indiantown Gap

Buchart Horn Inc. provided conceptual through 100% designs for a 24,000 ft<sup>2</sup> Mission Support Training Facility (MSTF) located at Fort Indiantown Gap, Pennsylvania. This facility serves as the command and control training facility centerpiece for the 28th Division's Stryker Brigade Combat Team. Units may conduct individual automation training and up to brigade sized, classified command and control training exercises in this facility. This facility is able to handle all of the Stryker Brigade's advanced and extremely sophisticated telecommunications needs.

The Administrative Area is an open space area outfitted with modular furniture for contracted support staff. After Action Review (AAR) Areas provide flexible swing space for conducting AARs or for use in supporting simulation and collective C4i training exercises. Individual office areas, a break/kitchenette area, conference room, and latrines are also provided within the facility. The existing utilities of neighboring facilities required deliberate planning and routing to ensure disruptions and encroachments were minimized while providing full service to the MSTF.

The building is certified for the "Gold" level of USACE Sustainable Project Rating Tool (SPiRiT) certification, leveraging an Energy Star compliant standing seam metal roof system, sandwich construction pre-cast wall panels, Kalwall ambient lighting systems in the endwalls, low maintenance aluminum window and door frames, innovative site design, and high energy efficiency and Johnson controls for its HVAC systems.





**Client:**  
Kanawha County Commission

## Kanawha County Courthouse Renovation

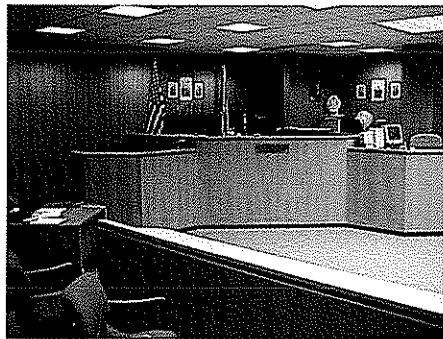
Buchart Horn, Inc. was commissioned to prepare an Initial Planning Study, describing immediate and short-term needs; a Comprehensive Plan projected five to ten years into the future; and to design the renovations and additions to the existing Judicial Annex.

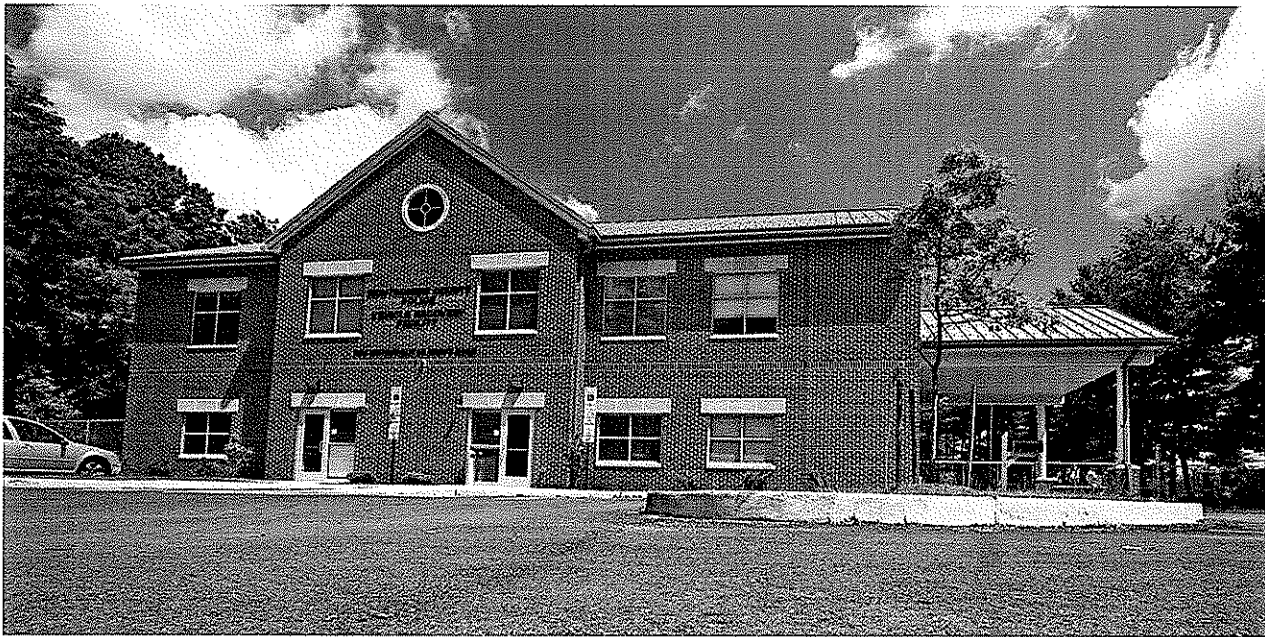
The project focused on a new entrance, security checkpoint, and lobby to alleviate a very overcrowded situation; renovations to seven courtrooms to improve function and image; renovations to the associated judicial suites to assure proper circulation, functionality, and security; and a building expansion for Juvenile Probation and a newly established Family Court.

Renovations included seven Circuit Court courtrooms; jury deliberation restrooms; Court Clerks offices and public research area; adult probation offices; Court Administration offices; and all public areas. Additions included main entrance, security vestibule, and lobby; Voter Registration work room; four Family Court Suites; holding cell; and a central security control room.

Support services and building infrastructures improvements included new and modified HVAC systems, with VAV boxes and controls; complete voice and data wiring systems, including wiring for LAN; new power distribution for clean and normal power; and new lighting systems that complement the computer environment.

Building security improvements included a central security control room; security vestibule with screening stations; closed circuit monitoring and card access admission systems; secured private judges suites connected to a private elevator; secured prisoner transfer; emergency call system; and development of a policy and procedure manual.





**Client:**  
Montgomery County, MD

## Montgomery County Police Vehicle Recovery Facility

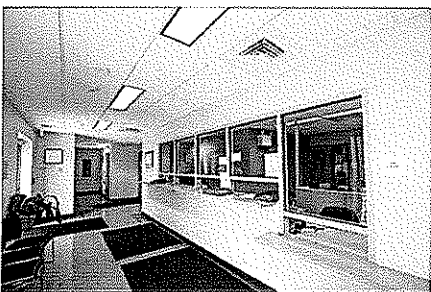
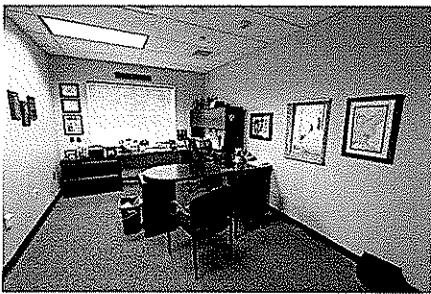
The Montgomery County Department of Police processes thousands of vehicles per year in apprehension of suspects, in relation to suspected crime, or in removing inoperable vehicles from streets. This service is time demanding and expensive. Currently, these services are provided from various locations throughout the County. Staff travel and towing of vehicles among the various locations waste both time and money. To address these issues and more efficiently process vehicles, Montgomery County proposed the construction of a multi-service processing facility.

Buchart Horn designed a new multi-service facility which included a two-story police office building, a four-bay garage, and additional flat parking on a 10-acre site. The two-story office building was designed to be approximately 8,650 square feet with an attached 2,772-square-foot Vehicle Storage/Investigation Lab.

Design of the building and parking area included architectural, mechanical, electrical, geotechnical, structural, civil, cost estimating, specifications, and surveying services.

Buildings and systems were designed to most stringent energy design guidelines established by the County, as well as compliance with ASHRAE 90.1-1999 energy standard and International Building Codes.

Based on energy analysis and life cycle cost analysis, HVAC system for the Vehicle Storage/Investigation Lab was designed as a DX split system constant volume modular air handling unit and a DX split system with VAV modular air handling unit for the offices. Lighting, power, telephone, cable TV, emergency lighting, fire alarm, card access management control, security alarm, CCTV, and data wiring distribution systems were incorporated into the electrical systems.





**Client:**  
Pennsylvania Department of  
General Services

## New Snyder County Maintenance Garage

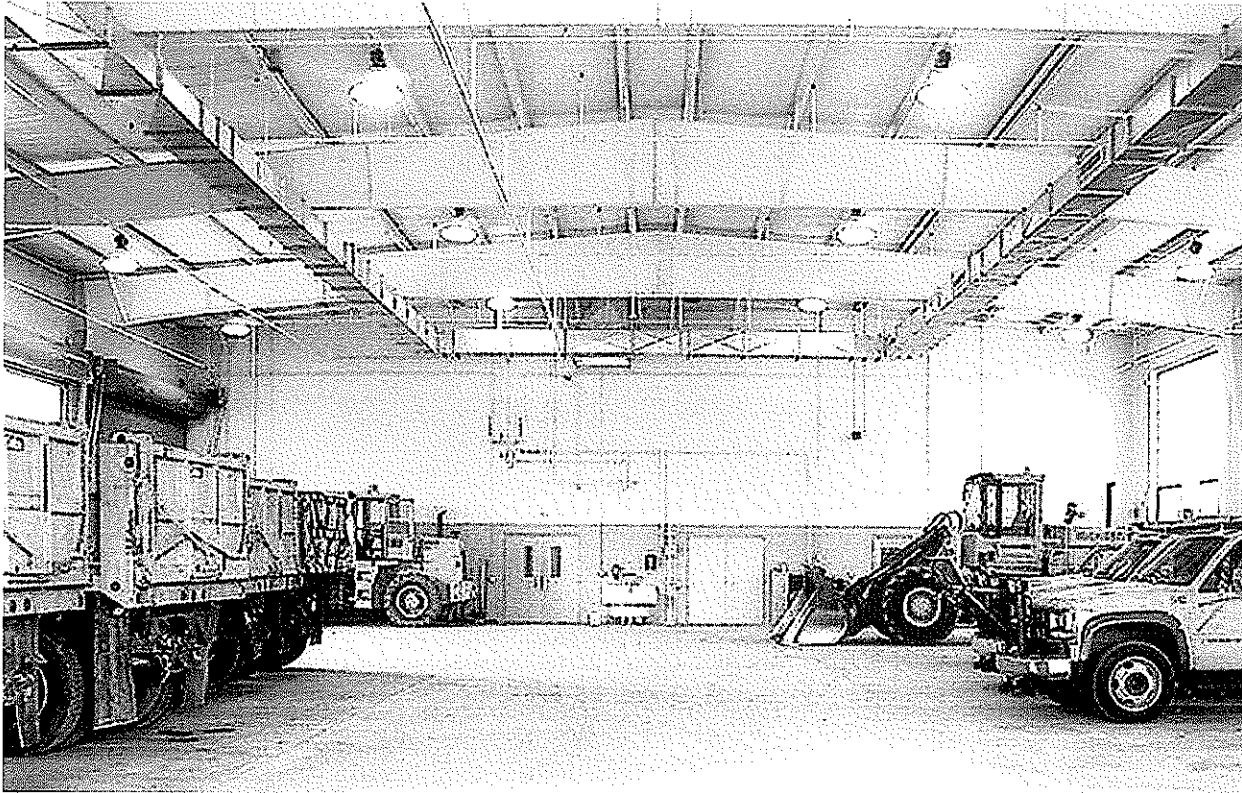
Buchart Horn designed a new 20,000 square foot garage to house and maintain PennDOT's entire Snyder County fleet of vehicles ("Stockpile 01"). The structure, a pre-engineered steel building, has been constructed on a PennDOT-owned site on Sand Hill Road in Selinsgrove, PA.

Our design incorporates newly-established PennDOT standards for maintenance facilities and includes adaptations to use PennDOT standard servicing equipment and layouts.

The new garage provides space to service six vehicles and for accessory areas such as carpentry, welding, and sign shops. The office component provides for 15 full-time and four part-time employees as well as a flexible conference area for training and community use.

Additional responsibilities assigned to date include field geotechnical investigations; preparation of land development plan, stormwater plan/report; attendance at meetings; application fees in order to comply with all codes and ordinances and to obtain permits; and a topographic survey.





**Client:**  
Springettsbury Township

## Springettsbury Township Maintenance Building

Buchart Horn designed the Springettsbury Township Road Department's maintenance and storage building. The pre-engineered building consists of a steel structure, metal roof, and concrete block walls. The project included:

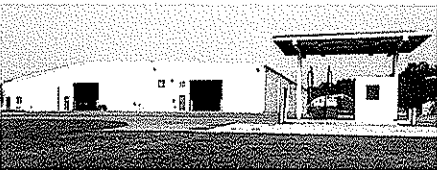
A fuel dispensing system consisting of two 12,000-gallon underground storage tanks (diesel and gasoline); dispensing pumps with a card reader; computer monitoring of fuel consumption per vehicle; and a monitoring system covering leakage and spills.

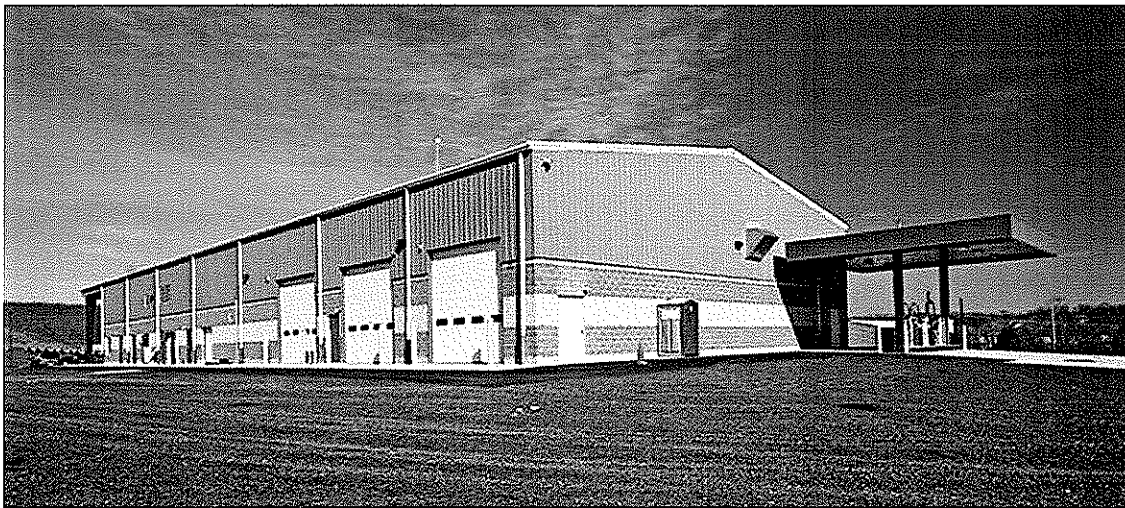
An HVAC system consisting of gas-fired hot water boiler; unit heaters for shop and truck area; through-the-wall heating and air conditioning units for the office; vehicle exhaust system for truck repair area; and smoke evacuation exhaust system.

A plumbing system consisting of trench drain collection system for truck washdown with oil interceptor and 550-gallon holding tank; drained oil tank with interior dumping system; and gas-fired hot water heater.

The facility also included two repair bays, administrative offices, lunchroom, rest rooms, men's and women's locker rooms, storage areas, and a salt storage dome.

We also provided periodic architectural Construction Management services.





**Client:**  
Hampden Township Board of Commissioners

## Hampden Township Maintenance Garage, Emergency Services Building, and Municipal Building

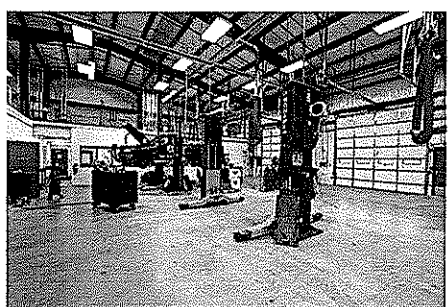
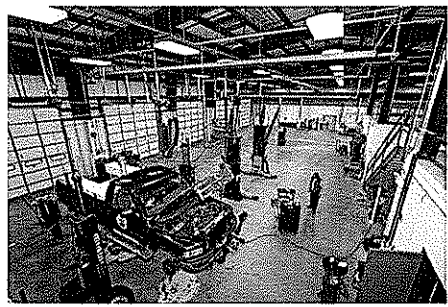
Buchart Horn provided professional architectural/engineering services to Hampden Township, Cumberland County, for the design of a new vehicle maintenance facility, a new emergency services facility, and renovations to the Municipal Building.

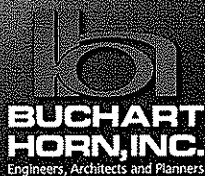
The work was organized into three phases:

The first phase includes design of a new Vehicle Maintenance Facility for the Township's Highway Department, for which we provided architectural, structural, mechanical, and electrical engineering. The 16,000-square-foot building includes four vehicle maintenance bays; an overhead crane; flammable fluid storage; tire storage; tool/parts storage; a drive-through wash bay; and workers' lunch room, locker room, and wash/rest rooms.

The second phase is the construction of a new Emergency Services Building (ESB North). Designed to replace the 50-year-old Good Hope Fire Station, ESB North provides improved fire and ambulance services to the Township's rapidly growing northern sections as well as to accidents on nearby I-81. The new one story facility includes five drive-through fire equipment bays, an EMS section, a public multi-purpose room with a kitchen, an emergency operations center, dormitory rooms, a fitness area, and space to store and display historic fire company artifacts. The building is partitioned into discrete medic, fire and public areas, and arranged based on their relationships to one other and the need for efficient site circulation.

The third phase was the renovation of spaces in the Municipal Building made vacant by moves to new or renovated facilities. For example, the new Recreation Department offices are in the extensively renovated former Highway Department building. The space vacated by the Recreation Department, is now occupied by the Police Department, which had been working in crowded quarters of the Township Building.





400 Tracy Way • Suite 110 • Charleston, WV 25311  
(304) 346-1127 • FAX (304) 346-7295

[www.bh-ba.com](http://www.bh-ba.com)