

**EXPRESSION OF INTEREST**

WYK Associates, Inc.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING



**Architectural/  
Engineering  
Services**

for

**Fixed Wing Army  
Aviation Training Site  
Facility Expansion  
#DEFK11009**

Requested by:

**Mr. Chuck Bowman**

for

**WV Army National Guard  
Joint Forces Headquarters  
C and FMO  
1703 Coonskin Drive  
Charleston, WV 25311**

August 17, 2010  
1:30 P.M.

**WYK Associates, Inc.**  
205 Washington Avenue  
Clarksburg, WV 26301

p. 304-624-6326  
f. 304-623-9858

[www.wykarchitects.com](http://www.wykarchitects.com)  
[wyk@wykarchitects.com](mailto:wyk@wykarchitects.com)

WVANG - Fixed Wing Army Aviation Training Site  
Designed by: WYK Associates, Inc.

RECEIVED

2010 AUG 13 PM 12: 53

WV PURCHASING  
DIVISION



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## Table of Contents

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009

- I. LETTER OF INTEREST
- II. COMPANY OVERVIEW / APPROACH and PURCHASING AFFIDAVIT
- III. PROJECT TEAM
- IV. REPRESENTATIVE PROJECTS
- V. RESUMES
- VI. CONSULTANTS
  - i. CIVIL ENGINEERING  
OTL Engineering of West Virginia, Inc.
  - ii. STRUCTURAL ENGINEERING  
Allegheny Design Services
  - iii. HVAC / ELECTRICAL / PLUMBING  
Allegheny Design Services
- VII. WYK's REPEAT CLIENTELE
- VIII. REFERENCES



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Letter of Interest**

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

August 11, 2010

The WV Army National Guard  
Joint Forces Headquarters  
Construction and Facilities Management Office  
1703 Coonskin Drive  
Charleston, WV 25311

Re: Expansion of the Fixed Wing Army Aviation Training Site Facility; Bridgeport, WV

Gentlemen:

WYK Associates, Inc. wishes to express our very strong interest in providing architectural and engineering services for the Fixed Wing Training Facility expansion at the North Central Regional Airport. We were the project architects for the original building, and would be honored to work with C&FMO and the local unit command to assist in the growth of the facility. In addition to the Fixed wing Training Facility, our firm has designed several other projects at the airport including:

ALAMCO Hangar (Now used by Pratt Whitney)  
West Virginia Air Center (Now Bombardier Services America Corp.)  
FBO Hangar  
Snow Removal Equipment Building  
FAA Sector Office

We are conversant with the FAA physical restrictions and requirements, have worked with the Airport Authority, and, of course, know the existing facility. Our project team has worked together on many projects over several years, and we can provide all of the design expertise required for this project.

Our experience includes work on a wide spectrum of building types and projects of varying scope and complexity. Examples of these are included in the submittal. WYK Associates, Inc. and its predecessors have provided architectural services in north central West Virginia since the 1920's, and we believe that our knowledge of the community, expertise with this and other projects at the airport, and strong project team make our firm a sound choice to provide the design services for this project.

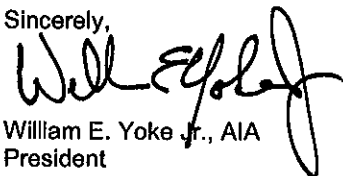
Our design team takes pride in producing complete, accurate construction documents, and we typically get a very good bid response from area contractors. One of the reasons for our success has been the inclusion of the Owner as an integral part of the project team from initial planning through the entire project. The Owner's goals, objectives and available funds are reviewed and considered at every stage of the project so that we do not lose sight of them as the primary guide to the success of the project.

The principals noted in our Team Organization Chart are the individuals with whom C&FMO and the unit command will work. The involvement of these principals throughout the course of the project allows us to provide our most complete level of service. We have demonstrated that service on projects whose construction values have ranged from \$50,000.00 to \$7,000,000.00.

We are proud of the Fixed Wing Training Facility, and wish to use our experience and expertise to provide the expansion project with the level of service and support that it warrants and deserves. We are a West Virginia and Harrison County business that can provide a prompt response to any issues arising from the project, and have a strong interest in its success.

Thank you for your consideration. Please let us know if you have any questions or need any additional information.

Sincerely,

  
William E. Yoke Jr., AIA  
President

205 Washington Avenue  
Clarksburg, WV 26301  
p: 304.624.6326  
f: 304.623.9858

wykarhitects.com





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

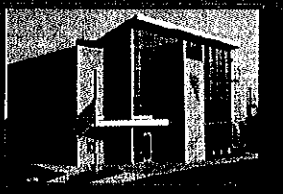
## **Company Overview**

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**William E. Yoke, Jr., AIA – President**  
**James B. Swiger, AIA, LEED AP – Vice President**



## Who We Are:

- WYK Associates, Inc. is a full service architectural and planning firm serving a wide variety of commercial, religious, educational, civic and industrial clientele. Carleton Wood, Jr. was a third generation architect. His grandfather's firm had roots in North Central West Virginia dating back to the early twentieth century. William Yoke, Jr. and Howard Kelley partnered with Mr. Wood in 1974 to form WYK Associates, Inc. Our archives are filled with a century's worth of historic work.
- Mr. William Yoke, president of the firm, assumed that role in 1996. He has been a partner with the company since 1974.
- Mr. James Swiger joined the firm in 2005 and became a principal and vice president in 2008.

## Our Project Philosophy:

- **COMMUNICATION & TEAMWORK** are our guide words for each project. Our client's requirements for quality, service and value are the driving force behind each decision.
- Through collaboration with engineering consultants we address the needs and schedule requirements of each client.
- We provide thorough planning in all areas of each project to fit the individual requirements for a positive impact on both the natural and built environments. Energy conservation and product safety are very important concerns.

## Project Management:

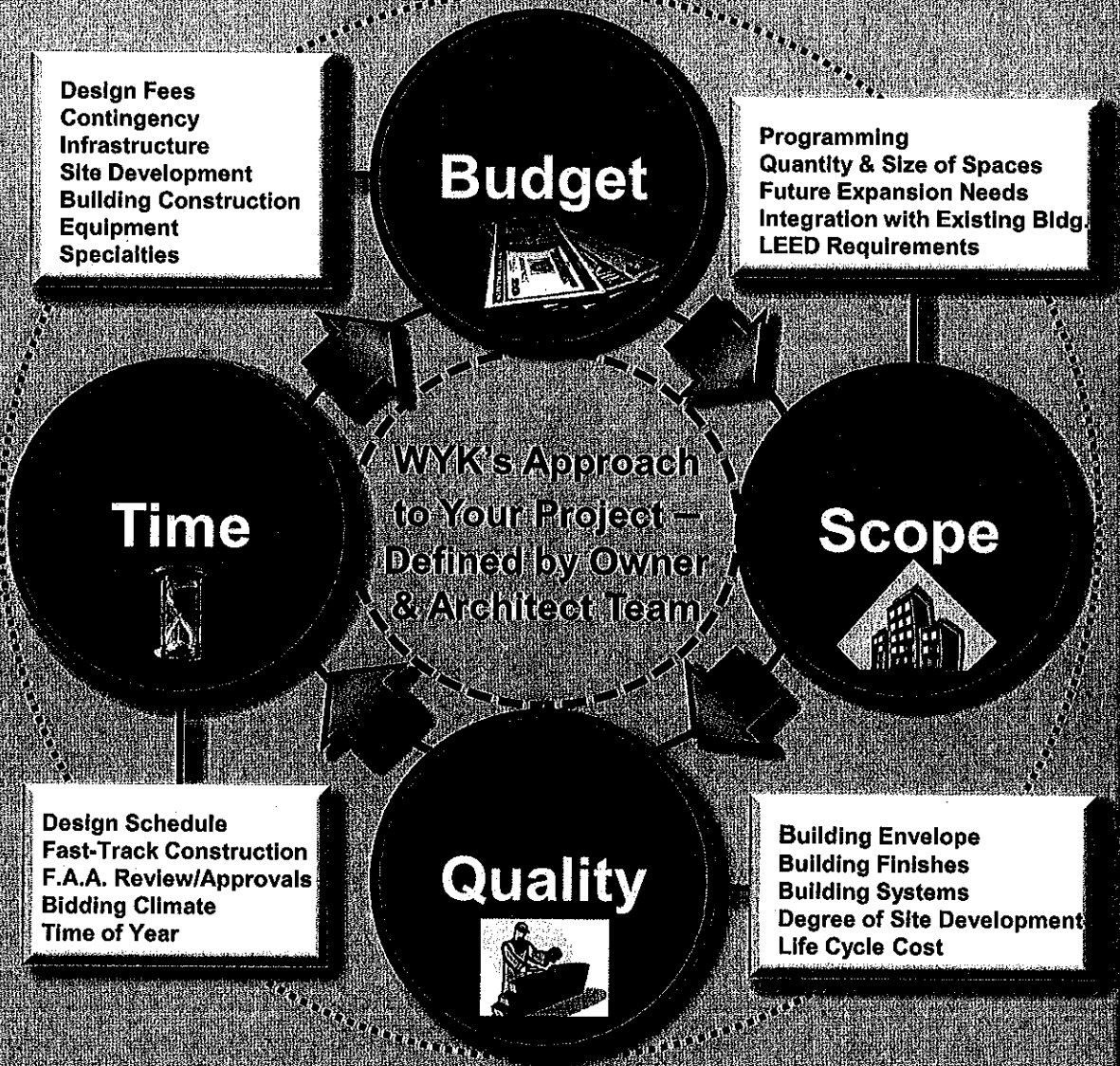
- We carefully evaluate the client's program, design concerns, budget, funding sources, and other available data to assure a clear understanding of each project.
- We incorporate input from our client and consultants to establish the budget and schedule. These facets are updated during each stage of project development to insure our client's parameters are met.
- WYK's principals engage and manage the entire project team, from concept through occupancy. WYK Associates, Inc. has an outstanding reputation for providing construction administration services along with maintaining an excellent rapport with contractors.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Our Approach to Your Project**  
Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009

**Construction - Checks & Balances**



.....A Change In ANY ONE, Alters the Others

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE**

Vendor's Name: WYK Associates, Inc. / Vendor Number \*709045138

Authorized Signature: *[Signature]* Date: August 13, 2010

State of West Virginia

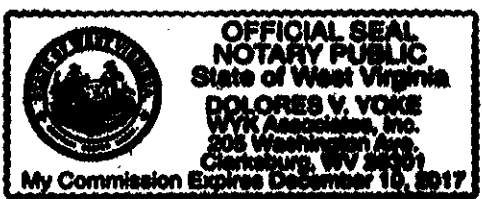
County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 13 day of August, 2010.

My Commission expires December 10, 2017.

AFFIX SEAL HERE

NOTARY PUBLIC *[Signature]*







**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Project Team**

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## Project Team

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009

### ARCHITECTURE

**WYK Associates, Inc.**  
205 Washington Avenue  
Clarksburg, WV 26301  
(304) 624-6326  
(304) 623-9858 fax  
[bill@wykarchitects.com](mailto:bill@wykarchitects.com)



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

### CIVIL ENGINEER

**CTL Engineering of West Virginia, Inc.**  
510 C Street  
South Charleston, WV 25303  
(304) 746-1140  
(304) 746-1143 fax  
[ctlwv@ctleng.com](mailto:ctlwv@ctleng.com)



### STRUCTURAL ENGINEER

**Allegheny Design Services, Inc.**  
102 Leeway Street  
Morgantown, WV 26505  
(304) 599-0771  
(304) 599-0772 fax  
[dave@alleghenydesign.com](mailto:dave@alleghenydesign.com)



### HVAC, ELECTRICAL & PLUMBING ENGINEER

**Allegheny Design Services, Inc.**  
102 Leeway Street  
Morgantown, WV 26505  
(304) 599-0771  
(304) 599-0772 fax  
[chancey@alleghenydesign.com](mailto:chancey@alleghenydesign.com)





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Team Organizational Chart**  
Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009

**West Virginia Army National Guard**  
Division of Engineering and Facilities



**Principal In-Charge**  
William E. Yoke, Jr., AIA, NCARB

Architecture

Consultants

**Project Architect**  
Design / Construction Administration  
James B. Swiger, AIA, NCARB, LEED AP

**Construction Documents**  
Stephen M. Kelley, Associate AIA  
William R. Righter, Associate AIA

**Construction Period Services**  
Staff as Required

**Civil Engineer**  
David E. Moore, P.E.  
CTL Engineering of West Virginia, Inc.

**Structural Engineer**  
David R. Simpson, P.E.  
Allegheny Design Services, Inc.

**HVAC / Electrical / Plumbing Engineer**  
G. Michael Chancey, P.E., LEED AP  
Allegheny Design Services, Inc.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Representative Projects**

WYK Associates, Inc.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## West Virginia Army National Guard Fixed Wing Training Site North Central WV Airport, Bridgeport, WV

### West Virginia National Guard Armory Board

Size: 37,000 S.F.

210' Clear Span Opening  
30' Tall Vertical Lift Doors

With Sponsorship from Senator Robert C. Byrd, the West Virginia National Guard established the state of the art personnel training facility totaling \$6.4 million in construction costs in 1996. Here students and instructor pilots from the fifty states and Guam train and certify on three different types of transport aircraft.

A wide hangar and an innovative hangar door system allow quick access to any one of five airplanes without disturbing other aircraft. Each aircraft has a dedicated manufacturer's support and maintenance team with their own work space. The two story masonry annex accommodates administration staff, instructor pilots, and instruction/simulator rooms.

The hangar proper is a steel frame structure with a clear span of the entire 210 foot hangar width. A prefinished insulated metal wall system with translucent thermal panels provides glare-free natural light with little or no maintenance. This was a part of the project's energy cost containment plan.







**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## West Virginia Air Center North Central WV Airport - Bridgeport, WV

### West Virginia Air Center

Size: 146,000 S.F.

34' Eave Height

28' Tall Doors

280' Spanned Opening

The building designed for the West Virginia Air Center is now occupied by Bombardier Services America Corp. The facility houses a complete aircraft maintenance facility which services mid-sized airplanes for both private airlines and the military. The building features four large aircraft maintenance bays which can accommodate up to a dozen aircraft for all types of maintenance and retrofit services.

The center has shops to support all phases of aircraft maintenance including interior finishes, composite materials, avionics and electronics and machine tooling. One bay is specifically designed for the removal and application of paint, and the building has state of the art fire protection and hazardous material collection systems. The modern office and support facilities offer unique views of the maintenance bays, and afford all employees an opportunity to observe the extensive and detailed work as the airplanes are torn down and rebuilt.

The project was completed in just over 14 months using a fast track construction management approach. The construction manager, all contractors, the owners representatives and the design team worked very closely to assure that all project milestones were met.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## FBO Hangar and Training Facility North Central WV Airport - Bridgeport, West Virginia

### West Virginia Air Center

Size: 31,500 S.F.

180' x 150'  
26' Eave height  
22' Tall Doors  
110' Door Opening

This Facility was designed to house the Fixed Base Operator at Harrison - Marion Regional Airport. There are approximately 25,000 S.F. of hangar space used for the maintenance and storage of private aircraft and for shops needed by the maintenance staff. The administrative section of the FBO Facility includes offices, service facilities for pilots including waiting areas, flight planning spaces, and employee support facilities including accessible and complete shower and locker rooms.

The second floor of the administrative area houses classrooms, meeting rooms and other facilities for a flight school to train fledgling pilots. The various facilities housed in the FBO Facility combine services that were housed in several separate facilities. This facility allowed the Fixed Base Operator to expand and improve the services offered to the area's pilots and to our many visitors.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**FAA Sector Field Office and Storage  
Building at North Central WV Airport**  
North Central WV Airport - Bridgeport, West Virginia

**FAA Sector Field Office**

Size: 6,000 S.F.

This facility, built along the access road to the airport terminal, houses the Airfield Services Support Staff to the FAA. These technicians provide support for the airport safety and navigation systems for the entire state of West Virginia. The building houses not only offices space, but shops for repair and assembly of components and a garage area for storage of equipment and maintenance of vehicles.

**Storage Building**

Size: 4,000 S.F.

This pre-engineered building provides garage space for the airport's snow removal and runway support equipment. The building includes minimal office space for record keeping and is designed to accommodate storage of salt, sand and cinders to keep both the runways and the roads open during winter weather conditions.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## Stockmeier Urethanes Clarksburg, West Virginia

### Stockmeier Urethanes

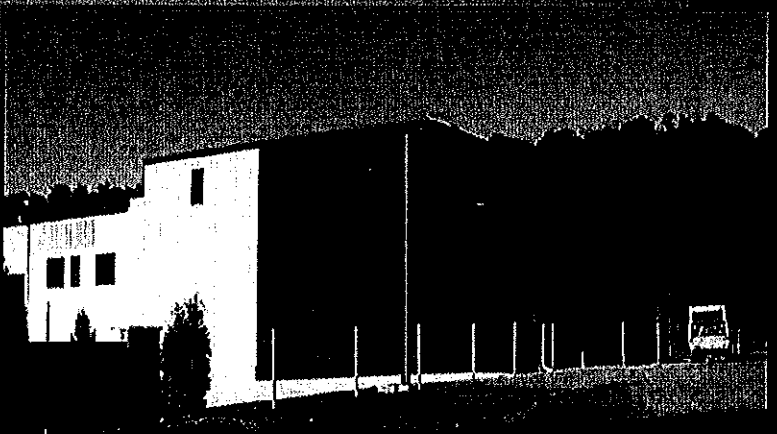
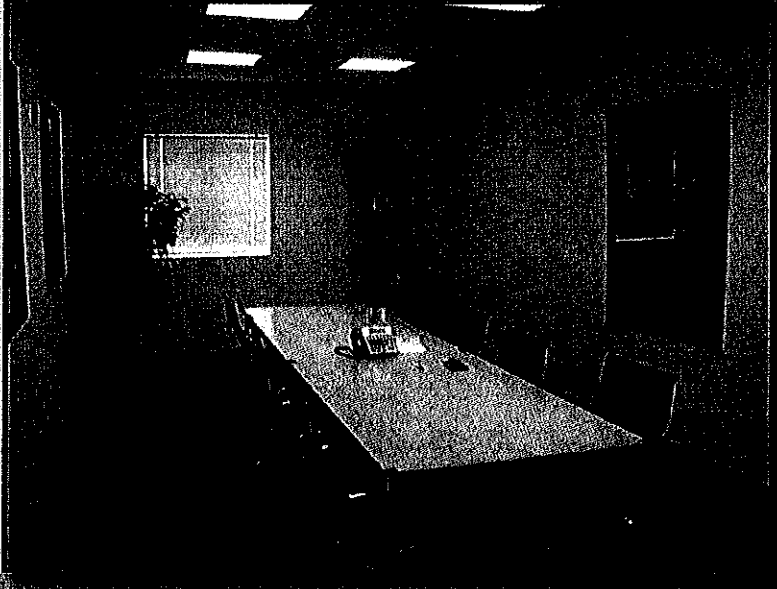
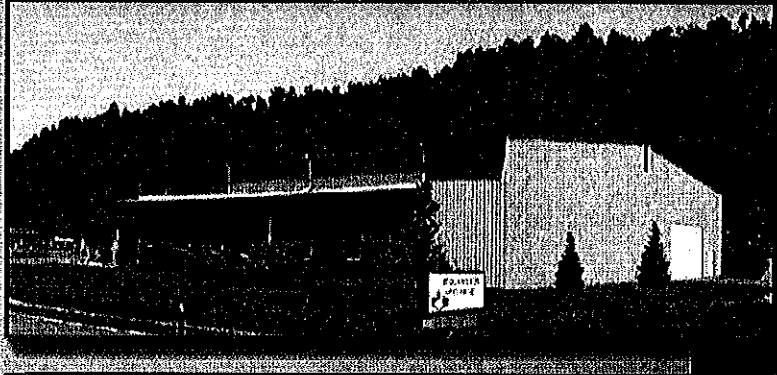
Size: 32,500 S.F.

This is the third facility for this international manufacturer of industrial grade polyurethane. Headquartered in Germany, Stockmeier will now have the flexibility to reach markets in North and South America and to deal in both Euros and dollars.

By acquiring/renovating this existing pre-engineered shell building with its large developed site (another project completed by WYK Associates in the late 1990's) Stockmeier Urethanes has created contemporary offices and their first American production center.

They use specialized laboratories, production areas and environmentally secure equipment, storage spaces, with loading and transportation staging areas designed to comply with government oversight and regulations. In 1998 WYK assisted them as the existing facility was expanded to include an enlarged loading dock with canopy, a new maintenance storage area, and a specialized storage tank facility.

WYK is currently working on a 7,800 S.F. addition to their warehouse space, plus an additional loading dock with an enhanced shipping and receiving area.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

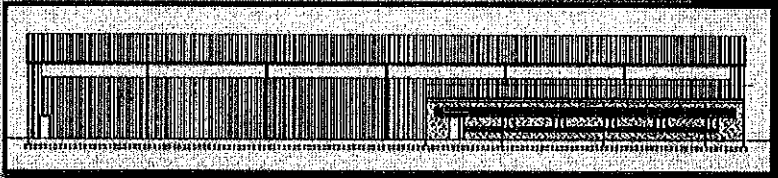
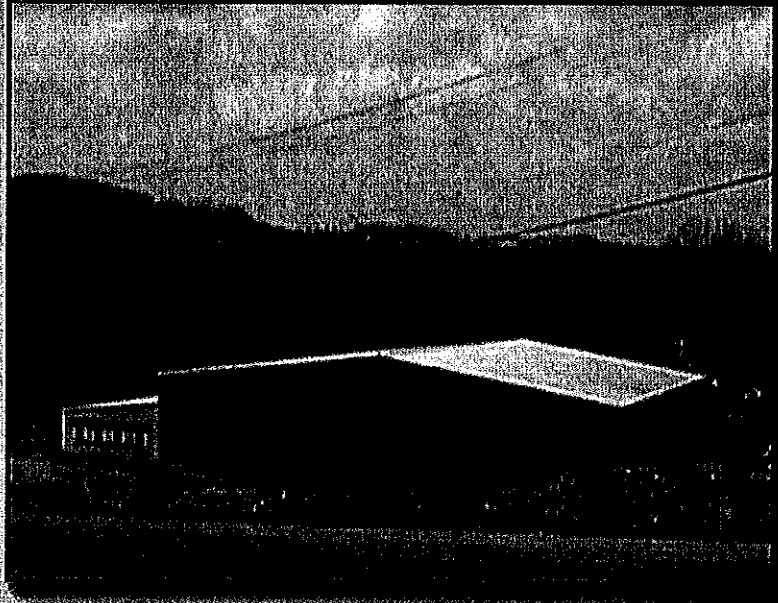
## Shell Building in the Northpointe Business & Industrial Park Kingwood, West Virginia

### Shell Building in the Northpointe Business & Industrial Park

Size: 52,250 S.F. Total  
47,250 S.F. High Bay  
5,000 S.F. Office Space

This highly visible shell building was a project of the Preston County Economic Development Authority through West Virginia's EDA Shell Building Loan Program. It is located at the Hazelton Exit of Interstate 68. This location in the Northpointe Business and Industrial Park is convenient to the intersections of I-79 and I-68 and within 500 miles of the major population centers of the northeastern United States.

This building is immediately ready for build-out for tenant use. With a 22' eave height, the building is adaptable for many uses. The office portion is masonry clad with two colors of CMU. All utilities are available within the Northpointe Business and Industrial Park.







**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## **World Vision Storehouse – Additions and Renovations**

Philippi, West Virginia

### **World Vision Storehouse Additions and Renovations**

Size: 15,000 S.F. Warehouse  
3,000 S.F. Loading Dock

WYK Associates, Inc designed the addition and renovations for the Appalachian Storehouse of World Vision. This ministry receives, stores and distributes a wide variety of building materials at little or no cost to allow families in need to improve and weatherize their homes. Housed in a former dressmaking shop, the facility needed additional space and upgrades to the existing building.

The design reoriented the flow of materials through the facility by adding a 3,000 S.F. loading dock/staging area on the east end of the existing building, and approximately 15,000 S.F. of new warehouse space on the west end. The entire facility received new fire alarm and sprinkler systems, and additional and upgraded office and administrative spaces. Lighting upgrades were also performed in the existing warehouse space for to create a much better work environment as well as save on energy costs.

The finished building more than doubles the storage capacity of the operation, and eliminates long standing traffic conflicts between delivery trucks at the loading docks and client vehicles.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## Huntington Bank Operations Center Technology Park, Fairmont, West Virginia

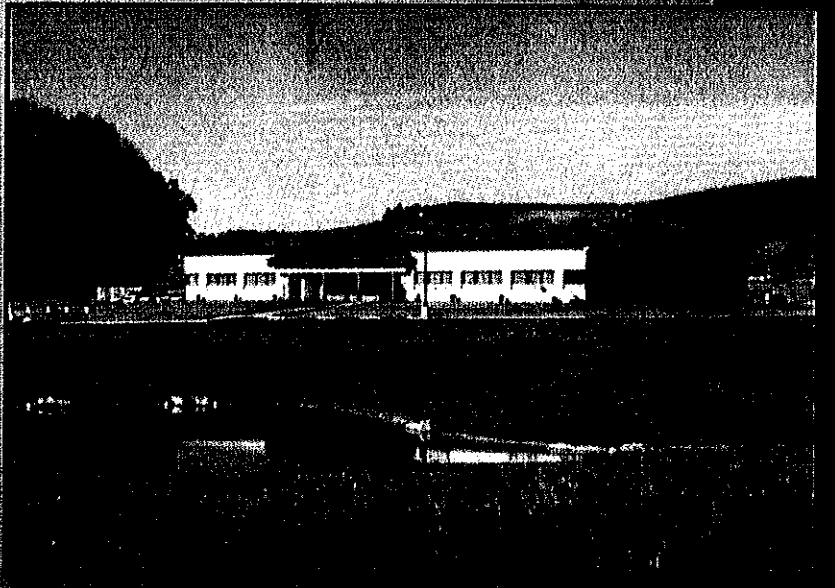
### Huntington Bank Operations Center

Size: 17,000 S.F.

Designed and built to meet the demands of increasing technology in the banking industry, this state of the art facility has continued to change with the needs of today's commerce. The site along Interstate 79 was selected to promote Huntington Bank's regional thrust of growth and to allow the bank to consolidate many in-house banking operations. As functions were further consolidated to their Ohio headquarters, Huntington sold this facility.

The facility's operating systems were designed to allow maximum flexibility of office configuration. Both security and networked computer operations within have been expanded. This sustainability was one of the project's goals. Today the Center accommodates the technology requirements of the FBI, who is its current tenant.

Addressing the wetland issues of this highly visible location created a positive feature, which also enhanced security. Parking and service areas are maximized by the building's careful site selection.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## Bridgeport Public Safety Substation Bridgeport, West Virginia

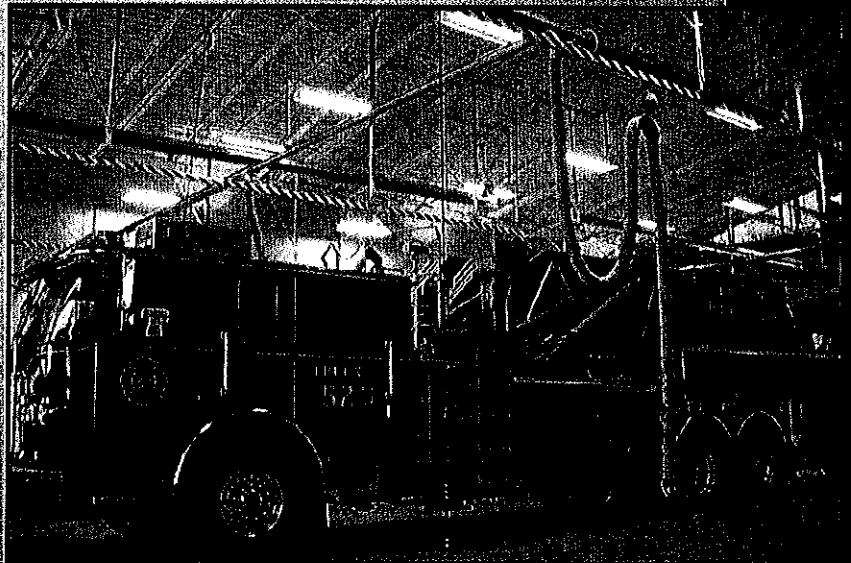
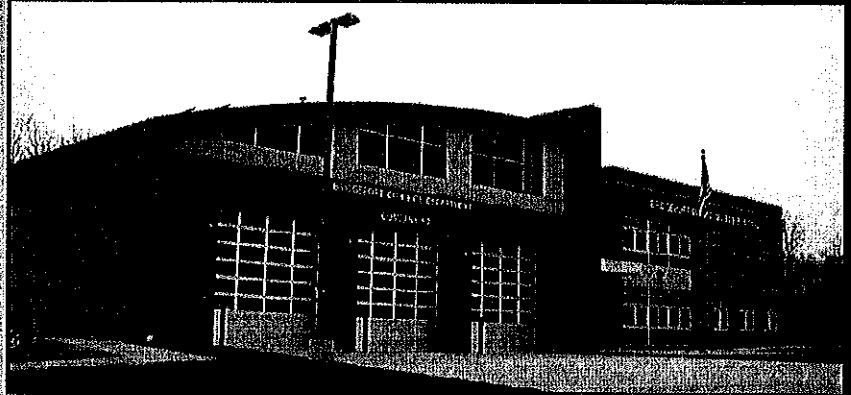
### Bridgeport Public Safety Substation

Size: 15,000 S.F.

This facility is located directly adjacent to the new United Hospital Center at Jerry Dove Drive and strategically situated within a ½ mile radius of I-79 and the White Oaks and Charles Pointe Developments.

The building is a substation for the Fire and Police Departments of the City of Bridgeport. The structure is a combination of load bearing masonry and structural steel frame with a decorative brick veneer. The Apparatus Bay and supporting facilities are one story, slab-on-grade with an abundance of natural daylight. The radiant gas heating, vehicle exhaust and high efficient lighting systems are integrated nicely into the exposed roof structure above. The administrative offices along with each of the department's support facilities are in a connected, two story masonry and steel frame structure.

This facility was designed as a 75-100 year structure to serve the needs of this ever growing area region. The building's power is completely backed up by an emergency generator which will allow it to double as an emergency shelter in times of need.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Recent Architectural Awards**  
American Institute of Architects – West Virginia

**Information Manufacturing Corporation (I.M.C.)**  
Cowen, West Virginia

Size: 18,000 S.F.

With Sponsorship from Senator Robert C. Byrd, the Webster County Development Authority commissioned this "state-of-the-art" facility to house Information Manufacturing Corporation's regional operations. The important notion of sustainability is addressed through use of recycled steel, regional materials, and an innovative geothermal heat pump heating and cooling system.

**West Union Bank-Newpointe**  
Clarksburg, West Virginia

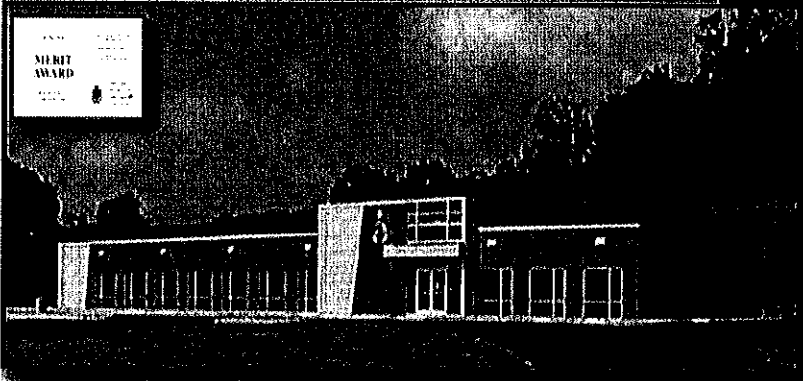
Size: 9,000 S.F.

The design uses a combination of glass curtain wall with brick and monumental masonry units to present a very contemporary image. Because of the building orientation, the glass elevations require the use of solar glazing and a brise soleil system to reduce heat gain and glare in the offices.

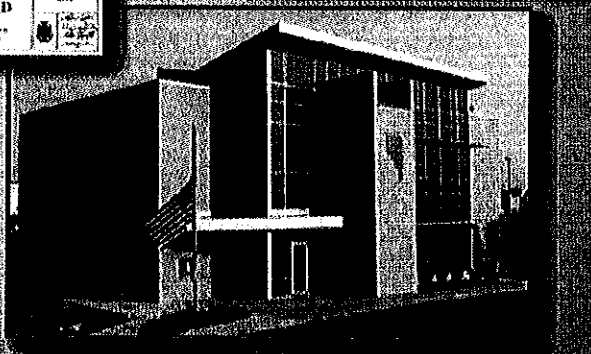
**West Pike Street Parking Facility**  
Clarksburg, West Virginia

Size: 57,000 S.F.

The facility's design complements all the adjacent properties, both historic and modern. A variety of outdoor activities are easily held here, enhancing the city's economy and livability. Designed by Associated Architectural Consultants, PLLC, which is a combination of Ralph Pedersen Architect & WYK Associates, Inc.



2007 AIA West Virginia Merit Award for Design Excellence and Sustainable Design



2007 AIA West Virginia Merit Award for Design Excellence



2009 AIA West Virginia Merit Award for Design Excellence





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**Resumes**

WYK Associates, Inc.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**William E. Yoke, Jr., AIA, NCARB**  
President & Principal In-Charge



**EMPLOYMENT SUMMARY**

WYK Associates, Inc.	1978 - Present
WYK Architects	1974 - 1978
Whalen L. King, Architect	1973 - 1974
United States Navy	1969 - 1973
Giese Engineering	1968 - 1969

**EDUCATION**

Bachelor of Arts – Pre-Architecture - 1968  
Clemson University  
Clemson, South Carolina

**ARCHITECTURAL REGISTRATION**

West Virginia	(Registration # 1566)
Virginia	(Registration #401-009314)
Maryland	(Registration #10172)
Pennsylvania	(Registration #RA-014502)
National Council of Architects	(Registration #23448)

**PROFESSIONAL AFFILIATIONS**

American Institute of Architects  
National Council of Architectural Registration Boards (NCARB)  
NCARB – Licensing Examination Committee  
AIA-West Virginia – Two Term Past President  
Past Chairman of Region II of NCARB  
AIA-West Virginia Scholarship Committee  
Fairmont State University – Architectural Technology Program – Advisory Committee  
West Virginia Board of Architects – Three Term Past President and Current Member

**CIVIC AFFILIATIONS**

Harrison County Chamber of Commerce – Past Board Member  
Long Time Member of the Madrigal Singers of Clarksburg  
Vice President of Civil War Roundtable – Local Chapter  
Stonewall Jackson Contributor to the United Way of Harrison County, Inc.

**HONORS & AWARDS**

2008 Chairman's Award– Harrison County Chamber of Commerce  
2008 Merit Award in Architecture from AIA-West Virginia for the West Pike Street Parking Facility in Clarksburg, WV (Co-Design Architect)  
2007 Merit Awards in Architecture from AIA-West Virginia for the following:  
West Union Bank at Newpointe, Clarksburg, WV  
Information Manufacturing Corporation in Cowen, WV

**Selected Projects**

**West Virginia Army  
National Guard Fixed Wing  
Training Center**  
NCWV Airport, Bridgeport, WV

**West Virginia Air Center**  
NCWV Airport, Bridgeport, WV

**FBO Hangar**  
NCWV Airport, Bridgeport, WV

**Alamco Hangar**  
NCWV Airport, Bridgeport, WV

**Information Manufacturing  
Corporation**  
Cowen, WV

**Stockmeler Urethanes  
Manufacturing Warehouse**  
Clarksburg, WV

**Webster County Multi-Use  
Shell Building**  
Cowen, WV

**Antero Resources**  
Quiet Dell, WV



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**James B. Swiger, AIA**  
**NCARB, LEED AP**  
Vice President & Principal



**EMPLOYMENT SUMMARY**

WYK Associates, Inc.	2005 - Present
Blackwood Associates, Inc.	2000 - 2005
Gegner Architects	1997 - 2000
WYK Associates, Inc.	1996 - 1997

**EDUCATION**

Bachelor of Architecture -1996  
University of Tennessee  
Knoxville, Tennessee

**ARCHITECTURAL REGISTRATION**

West Virginia	(Registration # 3640)
National Council of Architects	(Registration #58982)

**PROFESSIONAL AFFILIATIONS**

American Institute of Architects  
AIA-West Virginia – Director 2010 – Board of Directors  
U.S. Green Building Council LEED Accredited Professional  
National Council of Architectural Registration Boards  
National Fire Protection Association (NFPA)  
National Trust for Historic Preservation

**CIVIC AFFILIATIONS**

United Way of Harrison County, Inc. – Board of Directors  
Kiwanis Club of Clarksburg – Immediate Past President  
West Virginia Kiwanis District – Division 3 – Lieutenant Governor, 2009/2010  
Charter Member Salem-Doddridge Kiwanis Club 2009.  
Clarksburg Elks Club  
Harrison County Chamber of Commerce - Education Committee  
Salem Elementary School Nature/Fitness Trail – Project Manager  
Salem International University Auxiliary  
Upper Ten Mile Watershed Association – Board of Directors

**HONORS & AWARDS**

2008 Volunteer of the Year – Harrison County Chamber of Commerce  
Selected "Generation Next: 40 Under 40" by the West Virginia State Journal in 2008  
2008 Strathmore's Who's Who Worldwide Recipient  
2008 Merit Award in Architecture from AIA-West Virginia for the  
West Pike Street Parking Facility in Clarksburg, WV (Co-Design Architect)

**Selected Projects**

\*Masterplan Expansion to  
Broughton's Dairy Plant  
Marletta, OH

\*Warehouse Renovation /  
Expansion for Contractor's  
Building Supply  
Marletta, OH

Bank of Gassaway  
Flatwoods, WV

West Pike Street  
Parking Facility  
Clarksburg, WV

Bridgeport Public  
Safety Building  
Bridgeport, WV

\*Stonewall Resort Lodge  
Roanoke, WV

\*Braxton County  
Multi-Tenant Building  
Flatwoods, WV

\* Denotes prior experience



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Stephen M. Kelley, Associate AIA**  
Project Manager



**EMPLOYMENT SUMMARY**

WYK Associates, Inc.	2007 - Present
Blackwood Associates, Inc.	2002 - 2007
Kurtz Construction	1999 - 2001
Philadelphia University	1996 - 2000
Athletic Department	
Eagle Lodge	
Golf and Conference Center	1997

**EDUCATION**

Bachelor of Architecture - 2000  
Philadelphia University  
Philadelphia, Pennsylvania

**PROFESSIONAL AFFILIATIONS**

American Institute of Architects  
AIA-West Virginia – Associate Member

**CIVIC AFFILIATIONS**

Salem Area Chamber of Commerce – Board of Directors  
Harrison County Development Authority – Board of Directors  
Fort New Salem Foundation – Board of Directors  
VFW Post 9151- Quarter Master & Lifetime Member  
Charter Member Salem-Doddridge Kiwanis Club 2009.

**HONORS & AWARDS**

Salem Area Chamber of Commerce 2006 Member of the Year  
AIA-West Virginia Student Design Competition 1995 - Second Place  
U.S Army Awards:

- Army Achievement Medal
- Reserve Component Achievement Medal
- National Defense Service Medal
- Global War of Terrorism Expeditionary Medal
- Armed Forces Reserve Medal
- Army Service Ribbon
- Reserve Components Overseas Training Ribbon

**Selected Projects**

**Solarium Addition**  
**V.A. Medical Center**  
Clarksburg, WV

**\*Pace-Tech**  
Morgantown, WV

**\*Stepping Stones**  
Morgantown, WV

**\*Renovation to**  
**Johnston School**  
Industrial Home of Youth  
Salem, WV

**Monongahela Hospital**  
Orthopedic Center  
Morgantown, WV

**\*Braxton County**  
**Multi-Tenant Building**  
Flatwoods, WV

**Renovations to V.A.**  
**Medical Center**  
Clarksburg, WV

\* Denotes Prior Experience



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

**Consultants**

New Hangar Facility for M.A.A.C., Inc.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING



**Allegheny**  
Design Services  
*Structural Engineering*

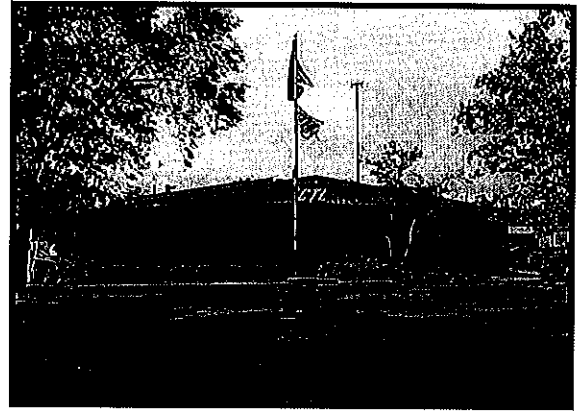


**Allegheny**  
Design Services  
*Mechanical / Electrical Engineering*

# CTL Engineering Inc.

*An Employee Owned Company*

CTL Engineering, Inc. (CTL Engineering) is a full service consulting engineering, testing, inspection, and analytical services company. CTL Engineering, formerly known as Columbus Testing Laboratory, was established in 1927 as an independent engineering testing laboratory serving the local community. During the early years, our expertise focused mainly on soils, foundation engineering, and construction testing and inspection services.



***Business First Journal*** regularly lists CTL Engineering, Inc. as one of the top engineering firms in terms of employees and revenues generated. ***The Engineering News-Record*** ranked CTL Engineering Inc. among top 500 architectural and engineering firms in the nation. CTL Engineering maintains a staff of over 200 employees, including registered engineers, architects, chemists, environmental scientists, geologists, hydrologists, wetland scientists and technicians.

Today, CTL Engineering regularly performs services throughout all of West Virginia and in a majority of Mid-Atlantic and Midwestern states.

## **YEARS of SERVICE**

***CTL Engineering Inc. has been in business since 1927 and had been providing quality consulting engineering services for over 80 years. CTL Engineering of West Virginia will be celebrating it's 28<sup>th</sup> anniversary this year.***

CTL Engineering Inc. provides ***consulting engineering services, testing and inspection services and offers a full-services analytical laboratory in-house.*** CTL also provides Geotechnical Engineering, Environmental Engineering Civil Engineering, Mining Engineering, Construction Inspection and Testing, Nondestructive Testing and Inspection, Forensic Science, Accident Re-Construction, Roofing Consulting, Product Testing, Laboratories, Analytical Chemistry, Materials Testing, and Metallurgy Services.

## **FOR MORE INFORMATION CONTACT US:**

CTL Engineering of West Virginia, Inc.

733 Fairmont Road  
Morgantown, WV 26501  
(304) 292-1135 Phone  
(304) 296-9302 Fax

510 C Street  
S. Charleston, WV 25303  
(304) 746-1140 Phone  
(304) 746-1443 Fax

[www.ctleng.com](http://www.ctleng.com)







# Geotechnical Engineering

The Geotechnical Engineering Department at CTL Engineering routinely performs subsurface investigations, and soil and rock testing. We prepare engineering reports, make recommendations regarding foundation and construction techniques, and perform other pertinent geotechnical services, as dictated by a given project.

## Drilling Services

CTL Engineering owns and operates its own fleet of drill rigs, the largest of which has a capacity to drill and take samples up to 300 feet deep. Our rigs are equipped with large diameter soil and rock core samplers, *in-situ* pressure meters and cone penetrometers. These rotary drilling rigs conduct standard split spoon sampling. Our drill rigs have pumps, wireline and standard coring equipment for proper and efficient execution of subsurface investigations. We can perform pressure meter tests and vane shear tests in the field, in addition to conducting and/or monitoring of well pumps tests.

## Analytical Laboratory

Our Soils Laboratory has consolidometers, triaxial and direct shear apparatus, state-of-the-art permeability devices and normal soils classification equipment.

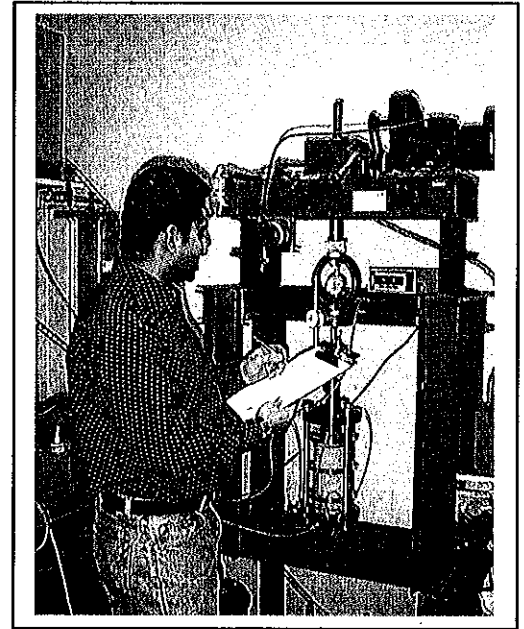
CTL Engineering provides a detailed analysis of the surface and subsurface composition and chemistry of the soils at the proposed site. For existing structures, we provide a foundation analysis. We also provide services for foundations under construction.



*CTL owns and operates a fleet of ten (10) drill rigs*

## Service Listing

- ♦ Complete Subsurface Exploration Study
- ♦ Foundation Analysis
- ♦ Pile, Pier and Caisson Analysis & Inspection
- ♦ Embankment & Earth Dam Analysis
- ♦ Slope Stability Analysis
- ♦ Settlement Analysis
- ♦ Pavement Design
- ♦ Rock & Mineral Testing
- ♦ Hydrogeologic Studies
- ♦ Field and Laboratory Testing of Soils
- ♦ Legal Testimony



*Soils engineers conduct soils tests in CTL's analytical laboratory*

[www.ctleng.com](http://www.ctleng.com)

***Expertise***

Mr. Moore has thirty two years experience in design and construction in the fields of planning, civil engineering, structural engineering, general contracting, expert testimony, land development, surveying, landscape architecture, mining engineering, project management, business management, construction and engineering quality control.

Mr. Moore has served as a civil engineer, structural engineer, construction engineer, associate, and vice president with other engineering consulting firms. Mr. Moore owned and operated his own engineering and construction management firm for ten years with offices in Arvada and Longmont Colorado.

Presently Mr. Moore manages the civil engineering department of the CTL Engineering South Charleston WV office. This office performs consulting engineering in the fields of civil engineering, mining engineering, environmental engineering, geotechnical engineering and construction testing.

***Education***

M.S., Civil Engineering, Colorado University, Boulder CO 1981-1983

B.S., Civil Engineering, West Virginia University Institute of Technology, Montgomery WV 1974-1978

***Professional Registration***

Registered Professional Engineer: Maryland; Nevada; West Virginia; Wyoming; Colorado; Alberta Canada; Kentucky; Ohio; and NCEES No. 30791.

***Professional Affiliations***

American Society of Civil Engineers  
American Institute of Architects  
Home Builders Association  
Society of American Military Engineers

***Publications***

Mr. Moore published "Union and Non Union Construction in Colorado" in 1984 a Master's Thesis commissioned by the Associated General Contractors of Colorado.

***Project Experience***

**Residential Subdivisions**

- VEPCO Bath County Worker Housing (Design Build), Bath County, Virginia
- Chevron Carter Creek Worker Housing (Design Build), Evanston, Wyoming
- Heritage Heights Single Family Subdivision, Westminster, Maryland
- Hewitt Farms Single Family Subdivision, Baltimore, Maryland

## **DAVID E. MOORE, P.E.**

## **Civil Department Manager**

- Clearview Single Family Subdivision, Johnstown, Colorado
- Candlelight Ridge Single Family Subdivision (Design Build), Erie, Colorado
- Ryan Ranch Single Family Subdivision (Design Build), Jefferson County, Colorado

### Senior Housing

- Golden Pond Apartments, Assisted Living and Alzheimer's Facility, Golden, Colorado
- Highland Trail Retirement, Broomfield, Colorado
- Arvada Estates Retirement, Arvada, Colorado
- Orchard Gardens Senior Facility, Arvada
- Oberon House Assisted Living Facility, Arvada, Colorado

### Commercial Sites

- Koon's Toyota Car Sales Facility, Westminster, Maryland
- Empire Lakewood Nissan, Lakewood, Colorado
- Remax Alliance Office Building, Westminster, Colorado
- Comfort Inn Suites, Longmont, Colorado
- Eagle National Bank, Broomfield, Colorado
- Columbine Professional Plaza, Arvada, Colorado

### Golf Courses

- Flatirons Pro Shop at Flatirons Golf Course, Boulder Colorado
- 18 Hole West Woods Golf Course, Arvada, Colorado
- 9 Hole West Woods Golf Course Addition, Arvada, Colorado

### Water Resources and Drainage Projects

- Ralston Creek/Croke Canal Overpass, Arvada, Colorado
- Farmers Highline Canal Realignment, Arvada, Colorado
- Church Ditch Flow Limiter, Arvada, Colorado
- Ralston Creek LOMAR, Arvada, Colorado
- Drainage Reports, Plans and Storm Drain Designs on all projects.

### Water and Sewer Distribution Projects

- International Fiber Water Main Extension, Nitro West Virginia
- Ralston Creek Water and Sewer Main Extensions, Arvada, Colorado
- Clearview Sewer Main Extension, Johnstown, Colorado
- Tucker Lake Water Intake and Pipeline, Jefferson County, Colorado
- Ralston Reservoir 20" Water Main, Arvada, CO

### Landscape Architecture

- Ralston Creek Trail Design, Arvada, Colorado
- Melody Farms/Candlelight Ridge Regional Park (Design Build), Erie Colorado
- Boulder County Trail System, Boulder County, Colorado
- Jefferson County Trail Access and Parking Lot, Westminster, Colorado
- Ryan Ranch Trail System and Landscaping (Design Build), Jefferson County, Colorado

### State Highway Road Design

- 2 Miles of US Route 60, Johnstown, Colorado
- One Mile of US Route 119, Black Hawk, Colorado

## **DAVID E. MOORE, P.E.**

## **Civil Department Manager**

- Highway 52, Boulder County, Colorado
- US 119 Road Improvements, Longmont, Colorado

### Land Development

- Owner Developer of Ridgeview Estates, Adams County Colorado
- Owner Developer of Moore Estates, Jefferson County Colorado
- Owner Developer of Candlelight Estates, Erie, Colorado

### Structural Engineering

- Sheridan College Dormitories and Community Buildings, Sheridan Wyoming
- Quaker Street and Ralston Creek Bridge (Design Build), Arvada, Colorado
- Platte Canyon Road Box Culvert (Design Build), Littleton Colorado
- Powerhouse Unloading Bay Superstructure, Warm Springs, Virginia
- 108<sup>th</sup> Commercial Office Building, Westminster, Colorado
- Colorado Horse Rescue Offices, Barn and Riding Arena (Design Build), Boulder County, Colorado
- Ryan Ranch Retaining Wall Design and Build, Jefferson County, Colorado
- General Residential Foundation Design and Inspections
- Structural Inspections and Reports

### Utility Projects and Pump Stations

- Hillandale Well, Water Tank and Distribution System (Design Build), Finksburg, Maryland
- Hillandale Sewer Pump Station and Wastewater Treatment (Design Build), Finksburg, Maryland
- West Woods Golf Course Non Potable Water Pump Station/Distribution System, Arvada, CO
- City of Arvada Church Ditch/Arvada Reservoir Potable Water Pump Station, Arvada, Colorado
- Town of Johnstown Regional Sewerage Pump Station, Johnstown, Colorado

### Mining Projects

- Williams Mine AML Coal Reclamation Project, Enterprise, West Virginia
- Limestone, Aggregate and Sand Quarry, Warm Springs, VA
- Aggregate and Concrete Plant Engineer, Bath County, Virginia

### Environmental Projects

- Burke Parsons Bowlby Monitoring Well/Environmental Testing, Spencer, WV
- International Fiber Storm Water and Ground Water Protection, Nitro, West Virginia
- Sigman Industrial Park Environmental Clean-up, Arvada, Colorado
- AutoZone Site Remediation, Westminster, Colorado

### Power Projects

- Bath County Pumped Storage Hydroelectric Project, Bath County, Virginia
- Chevron Carter Creek Gas Project, Evanston, Wyoming
- Wolf Creek Nuclear Power Project, Coffey County, Kansas

### General Contracting

- City of Federal Heights Municipal Building, Federal Heights, Colorado
- Mesa Village Subdivision, Louisville, Colorado
- Christian Science Reading Room, Pearl Street Mall, Boulder, Colorado
- Sunrise Apartments, Scottsdale, Arizona



## **JEFFREY T. HUFFMAN, P.E.**

*Branch Manager &  
Geotechnical Dept. Manager*

### ***Expertise***

Mr. Huffman serves as Branch Manager and Geotechnical Department Manager of CTL Engineering of West Virginia, Inc.'s Charleston office. Mr. Huffman currently directs all aspects of design and inspection for a staff of 13 professionals. His administration and management responsibilities include marketing, proposal preparation, scheduling, budget control and supervision of office personnel.

Projects successfully completed under Mr. Huffman's direction include: Foundation Design, Roadway & Parking Area Design, Geotechnical Investigations & Design, Slope Stability Analyses and Failure Investigations. Mr. Huffman has 20 years experience in Geotechnical Engineering and has served as Senior Geotechnical Engineer, Technical Director of Laboratory Services and Technical Superintendent with other Engineering Consultants.

Mr. Huffman currently serves as Adjunct Professor of Civil Engineering at Marshall University teaching courses in Soil Mechanics, Soil Testing Laboratory and Foundation Design.

### ***Education***

MSCE (Geotechnical) - Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia, 1990

BSCE - Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, Virginia, 1988

### ***Professional Registration / Certifications***

Registered Professional Engineer:

Pennsylvania, 1994; West Virginia, 2005; Ohio, 2007; Kentucky, 2007; North Carolina, 2008; NCEES Registered, 2007.

### ***Professional Affiliations***

Society of American Military Engineers – Director, Huntington Post  
Engineers Without Borders – USA – Faculty Advisor  
American Society of Civil Engineers  
Association of State Dam Safety Officials  
American Council of Engineering Companies  
Order of the Engineer

# **JEFFREY T. HUFFMAN, P.E.**

*Branch Manager &  
Geotechnical Dept. Manager*

## ***Project Experience***

### Expert Witness Testimony

- Daniels Law Firm, Cabell County, West Virginia
- TheisenBrock, Parkersburg, West Virginia
- Francis, Nelson & Brison, Charleston, West Virginia
- Bailey & Wyant, Wheeling, West Virginia
- Steptoe and Johnson, Charleston, West Virginia

### Transportation

- Geotechnical Recommendations, Ices Ferry Bridge, Morgantown, West Virginia
- US 35 Subsurface Investigation, Mason County, West Virginia
- Corridor H Permeability Testing, Grant County, West Virginia
- Little Kanawha River Bridge, Wood County, West Virginia
- East Kingston Bridge, Pickaway County, Ohio
- Waverly South Connector, Pike County, Ohio
- Portsmouth By-pass, Portsmouth, Ohio
- Lackawanna Interchange, Scranton, Pennsylvania

### Permitting

- ESCGP-1 and 105 Permits, Susquehanna County Gas Play, Susquehanna County, Pennsylvania
- SPCC Plans, Various Counties, West Virginia

### Commercial Structures

- Slab Investigation and Repair, Bridgeport, West Virginia
- Slope Investigation and Stabilization Design, Parkersburg, West Virginia
- Slope Stabilization Design, Lewisburg, West Virginia
- VBF Foundation Recommendations, Raleigh, North Carolina
- Gassaway Armory Addition & Renovation, Gassaway, West Virginia
- Culvert Evaluation, Sissonville, West Virginia
- Snowshoe Building C-3, Snowshoe, West Virginia
- Comfort Suites Inn, West Virginia
- Belington Multi-tenant Building, Barbour County, West Virginia
- Pentagon – Officers Recreation Facility, Washington, D.C.

### Residential Structures

- Room Addition Foundation Design, Charleston, West Virginia
- Slope Failure Investigation, Poca, West Virginia
- Basement Wall Investigation, Charleston, West Virginia

### Water Resources

- Christian E. Siegrist Dam, Lebanon, Pennsylvania
- Druid Lake Dam, Baltimore, Maryland
- Loch Raven Dam, Baltimore, Maryland
- Hughes River Dam, Cairo, West Virginia
- Hershey Pond Expansion, Hersey, Pennsylvania

# **JEFFREY T. HUFFMAN, P.E.**

*Branch Manager &  
Geotechnical Dept. Manager*

## Education

- Marshall University – Scoreboard Foundation, Huntington, West Virginia
- Washington State Community College, Health Sciences Building , Marietta, Ohio
- Marshall University – Retaining Wall Tieback Evaluation, Huntington, West Virginia

## Healthcare

- Raleigh County Hospital, Raleigh County, West Virginia
- King's Daughters Medical Center, Ashland, Kentucky

## Power & Chemical Plants

- 1297 NB Nitrogen Plant, Huntington, West Virginia
- P-301 Compressor Pad, Huntington, West Virginia
- John E. Amos Power Plant - Warehouse, Putnam County, West Virginia
- Ash Pond D Expansion, Dumfries, Virginia

## Water/Wastewater Treatment Plants and Water Tanks

- Raleigh – Mecklenburg WWTP Expansion, Mecklenburg, North Carolina
- Equalization Tank Foundation Design, So. Charleston, West Virginia

## Mining

- Williams #2 AML Removal Project, Enterprise, West Virginia
- Mine Subsidence Investigation – Rogliano Home, WVBRIM, Beckley, West Virginia
- Mine Subsidence Investigation – Webber Home, WVBRIM, Beckley, West Virginia
- Transalta-Centralia, Vancouver, British Columbia, Canada
- Valley Fill Design, Vancouver, British Columbia, Canada
- Philippi AML portal drilling, Philippi, West Virginia

## Environmental

- Prenter Water Sampling, Prenter, West Virginia
- Susquehanna County Gas Play, Susquehanna County, Pennsylvania

## Aviation

- Wyoming County Airport, Wyoming County, West Virginia
- Tank Farm Foundation Design, Reagan National Airport, Washington, D.C.

## Slope Failure

- Slope Failure Investigation , Poca, West Virginia
- M. Woods Slope Failure, Kanawha County, West Virginia
- Landslide, MEG-60-17.48, Megis County, Ohio
- Landslide, MRG-60-17.48, Morgan County, Ohio
- Landslide, NOB-340-1.06, Nobel County, Ohio
- Landslide, MEG-124-63.05, Megis County, Ohio
- Landslide, WAS-7-42.34, Washington County, Ohio
- Transalta-Centralia, Vancouver, British Columbia, Canada

# PROJECT EXPERIENCE PROFILE

**Project:**

FWAATS Facility Hanger Slab Repair

**Client:**

West Virginia Air National Guard

**Location:**

Bridgeport, WV



## PROJECT FEATURES

CTL Engineering of WV, Inc. was responsible for performing a subsurface investigation and laboratory testing program associated with the design, removal and replacement of the FWAATS Facility Hanger concrete slab in Bridgeport, West Virginia.



**Owner:**

WV Air National Guard  
1707 Coonskin Drive  
Charleston, WV 25311  
Jonathan L. Neal  
(304) 561-6550

**Project Completion:**  
Ongoing



# PROJECT EXPERIENCE PROFILE

**Project:**

Jackson County Airport

**Client:**

Jackson County Airport  
C/o NGC Corp.

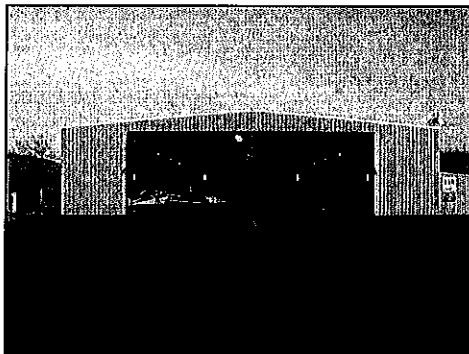
**Location:**

Millwood, WV



## PROJECT FEATURES

CTL Engineering of WV, Inc. was responsible for performing Quality Assurance for the Jackson County Airport for apron rehabilitation and new taxiways. Construction Services included concrete testing, compacting testing aggregate testing, soil tests and a laboratory testing program associated with the design and construction of the runway addition in Millwood, West Virginia.



**Owner:**

Jackson County Airport  
Route 1 Box 84  
Millwood, WV 25262  
304-273-8114  
C/o Deanne Ross, P.E.  
(317) 358-0450

**Project Completion:**  
2010

# PROJECT EXPERIENCE PROFILE

**Project:**

Chaplin Hill Business Park  
Morgantown, West Virginia

**Owner:**

Monongalia County Economic  
Development Authority

**Location:**

Morgantown, West Virginia



## PROJECT FEATURES

CTL Engineering, Inc. provided complete design and engineering services to the MCEDA for the Development of a 75-acre Light Industrial Park. CTL provided conceptual and final design layout for 10 – 5 AC+ building site including utilities, stormwater and sewerage collection systems, Grant Application assistance, construction management, and quality control construction observation. The Park currently has a Spec Building and a 10-Acre existing industrial tenant. The park will eventually provide some 500 + jobs in light commercial and industrial buildings.

**Client Reference:**

**MCEDA**

Donald Reinke

(304) 296-668

**Project Completion:**

On-Going



# PROJECT EXPERIENCE PROFILE

**Project:**

North Central WV Airport

**Client:**

North Central WV Airport  
C/o NGC Corp.

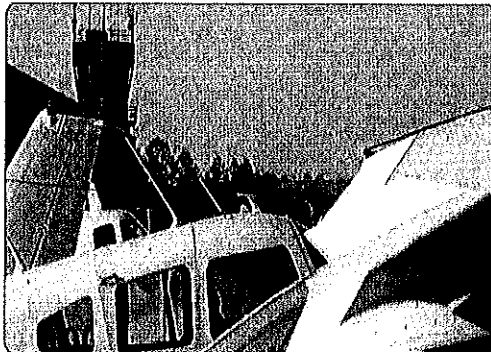
**Location:**

2000 Aviation Way  
Bridgeport, WV



## PROJECT FEATURES

CTL Engineering of WV, Inc. was responsible for performing Quality Assurance for the North Central WV Airport runway extension. Construction Services included concrete testing, compacting testing aggregate testing, soil tests and a laboratory testing program associated with the design and construction of the runway addition in Bridgeport, West Virginia.



**Owner:**  
North Central WV  
Airport  
2000 Aviation Way  
Bridgeport, WV 26330  
304-842-3400

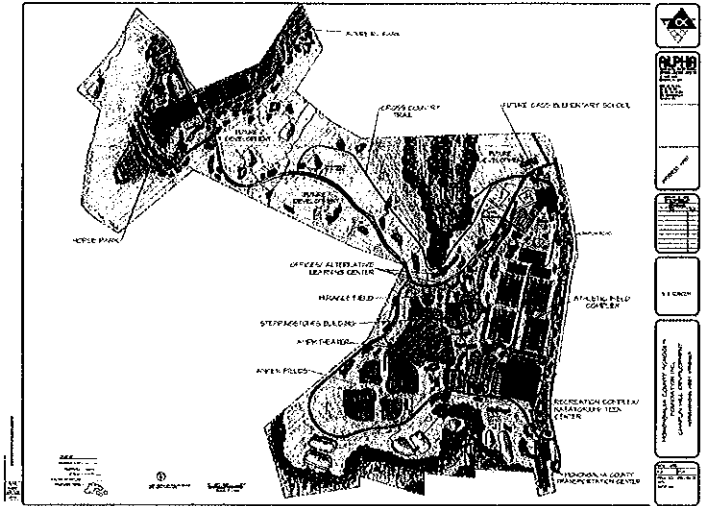
**Project Completion:**  
1996

# PROJECT EXPERIENCE PROFILE

**Project:**  
Mylan Park Recreational Complex

**Owner:**  
Monongalia County Schools  
Foundation

**Location:**  
Morgantown, West Virginia



Master plan and rendering completed by Alpha Associates

## PROJECT FEATURES

This project was a concerted effort between several interest groups and local developers, all with a common goal of creating a “multi-use” recreational complex for the use and benefit of the local and surrounding communities.

CTL Engineering provided a full range of services throughout the planning, design, and construction of the complex. This included surveying, geotechnical investigations and drilling, environmental investigations, design and construction monitoring and testing. CTL was also involved in the planning and development of the infrastructure brought to the area to serve the complex, which included construction of a 40,000 gallon water storage tank and the installation of approximately 4.0 miles of sanitary collection and potable water systems.

The complex, built largely on previously surface mined and deep mined properties, now boasts numerous activity fields, such as, baseball, softball, soccer, football and a first-of-its-kind Special Olympic field that offers a unique protective surface to accommodate handicap persons and special Olympians. Also included within the complex, is an equestrian center and a full service commercial/business park facility.

**Client:** Monongalia County  
Schools Foundation

**Project Completion:** On-going

**Contact:** Mark Nesselroad







# Allegheny Design Services

Structural & MEP Engineering

102 Leeway Street  
Morgantown, WV 26505  
Phone: (304)599-0771  
Fax: (304)599-0772  
[www.alleghenydesign.com](http://www.alleghenydesign.com)



**CONSULTING ENGINEERING FIRM SPECIALIZING  
IN STRUCTURAL BUILDING DESIGN  
AND BUILDING ANALYSIS**



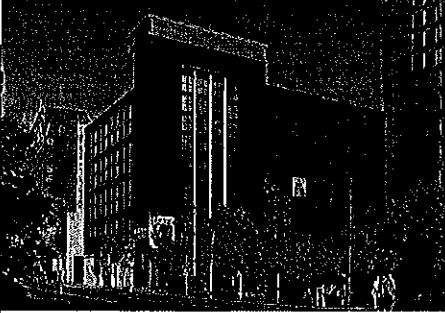
**OFFICE BUILDINGS**

Allegheny Design Services is a consulting engineering firm specializing in structural building design and building analysis.

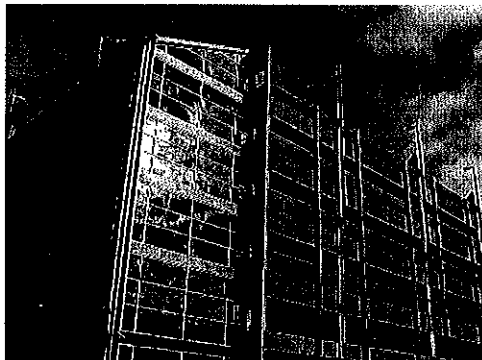
Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full service structural engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration.

Over 20 years in Design and Project Management of:

- Commercial
- Industrial
- Institutional
- Educational facilities



**MIXED USE**



**PARKING GARAGES**



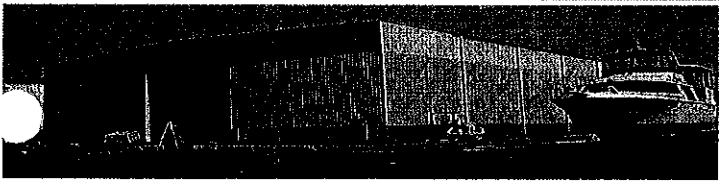
**HOTEL  
CONFERENCE CENTERS**



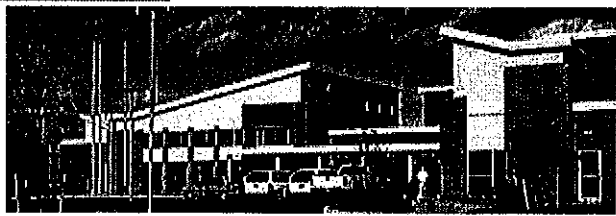
**ATHLETIC FACILITIES**



**SECONDARY EDUCATION**



**METAL BUILDING SYSTEMS**



**HEALTH CARE**



# **Allegheny Design Services**

*Structural & MEP Engineering*

102 Leeway Street

Morgantown, WV 26505

Phone: (304)599-0771

Fax: (304)599-0772

E-mail: [Dave@AlleghenyDesign.com](mailto:Dave@AlleghenyDesign.com)

Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## **FIRM PROFILE**

Allegheny Design Services is a consulting engineering firm specializing in structural building design and building analysis.

Dedicated to serving West Virginia and the surrounding region, ADS recognizes the need for reliable and full service structural engineering support. ADS provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration. We currently hold licenses in West Virginia, Virginia, Maryland, Pennsylvania, and District of Columbia.

ADS's experience exceeds twenty-five years in the Design and Project Management of:

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

ADS was established by David Simpson, P.E., MBA, in 2002 as a result of a need in North Central West Virginia for reliable structural engineering services. ADS utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$25 million in construction value. We have completed design work for over \$150 million in construction since our inception. Our clients include architects, contractors, developers, attorneys, and insurance companies.

Building systems delivered by ADS include structural steel, reinforced concrete, precast concrete, and structural timber. ADS currently utilizes the latest engineering design and drafting software for the development of project work.

ADS is covered under a \$2 million liability policy for errors and omissions through Travelers.



# **Allegheny Design Services**

*Structural & MEP Engineering*

102 Leeway Street

Morgantown, WV 26505

Phone: (304)599-0771

Fax: (304)599-0772

E-mail: [Dave@AlleghenyDesign.com](mailto:Dave@AlleghenyDesign.com)

Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## **KEY PERSONNEL**

### **David R. Simpson, P.E., SECB, MBA, President**

West Virginia Institute of Technology, BSCE

West Virginia University, MBA

Structural Engineering Certification Board

P.E. Licenses in the following States:

West Virginia

Pennsylvania

Maryland

Virginia

District of Columbia

National Council of Examiners for Engineering and Surveying

### **Michael L. Sipe, E.I., Engineering Intern**

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia University

Structural Analysis

Steel Design

Reinforced Concrete Design

### **Jason D. Robinson, E.I., Engineering Intern**

West Virginia University, BS Civil Engineering



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

102 Leeway Street  
Morgantown, WV 26505  
Phone: (304)599-0771  
Fax: (304)599-0772  
E-Mail: [Dave@AlleghenyDesign.com](mailto:Dave@AlleghenyDesign.com)  
Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

**David R. Simpson, P.E., SECB, MBA**  
**President**

### **Education:**

West Virginia Institute of Technology  
B.S. Civil Engineering

West Virginia University  
Masters Business Administration

West Virginia State College  
Architectural Technology

### **Professional Registrations:**

Year first registered: 1984  
Structural Engineering Certification Board  
West Virginia  
Pennsylvania  
Maryland  
Virginia  
District of Columbia  
South Carolina  
National Council of Examiners for Engineering and Surveying

### **Professional Memberships:**

American Society of Civil Engineers  
Structural Engineering Institute, Charter Member  
American Concrete Institute  
American Institute of Architects – West Virginia Chapter  
American Institute of Steel Construction, Inc.  
American Iron and Steel Institute Member

### **Continuing Education:**

2005 AISC Specification for Structural Steel Buildings – September 27, 2006 – Pittsburgh, PA  
ASCE Testifying Skills for Engineers – February 16, 2007 – Orlando, FL

### **Professional Experience:**

Responsible for project management and design at Allegheny Design Services. Experience includes over 24 years in structural design and project management for industrial, commercial, institutional, and nuclear/chemical facilities utilizing steel, concrete, masonry, and wood. Past accomplishments include design and construction administration of health care facilities, hotels, schools, shopping centers, aircraft hangars, numerous retail facilities, and numerous forensic engineering assignments. Experience has been obtained from the following assignments:

## Experience Record:

Allegheny Design Services, LLC, President,	May 2002 to Present
R.M. Gensert and Associates, Vice President,	August 1998 to May 2002
West Virginia University, Assoc. Director Construction	August 1988 to August 1998
Simpson Engineering, Owner	August 1988 to August 1998
CECO Buildings Division, Senior Structural Engineer	April 1985 to August 1988
Rockwell International, Facility Structural Engineer	March 1982 to April 1985
Bellard Ladner & Assoc., Staff Structural Engineer	Sept. 1981 to March 1982
PPG Industries, Facility Structural Engineer	January 1980 to Sept. 1981

## Additional Professional Experience:

Experience encompasses design, project management, and construction administration for reinforced concrete, structural steel, precast concrete, masonry, and wood structures.

Project experience includes:

Fairmont Senior High School, Fairmont, WV  
Belmont Community Center, St. Clairsville, OH  
Monongalia General Hospital Operating Room Addition, Morgantown, WV  
Chestnut Ridge Church, Morgantown, WV  
West Virginia University Business and Economics Building, Morgantown, WV  
West Virginia University High Density Book Storage Facility, Morgantown, WV  
West Virginia University Life Sciences Building, Morgantown, WV  
West Virginia University Student Recreation Center, Morgantown, WV  
West Virginia University Wise Library Addition, Morgantown, WV  
West Virginia University White Hall Computer Center, Morgantown, WV  
UPMC Hillman Cancer Center, Pittsburgh, PA  
Carnegie Museum of Natural History Addition, Pittsburgh, PA  
Cultural Trust District Parking Garage, Pittsburgh, PA  
Delaware Valley Veterans' Home, Philadelphia, PA  
Fairmont State University Parking Garage, Fairmont, WV  
First Avenue Parking Garage, Pittsburgh, PA  
Hillman Cancer Center (UPMC), Pittsburgh, PA  
New Enterprise Precast Corporate Headquarters, New Enterprise, PA  
Respironics Corporate Office Facility, Pittsburgh, PA  
International Brotherhood of Electrical Workers Headquarters Training Center, Pittsburgh, PA  
Laurel Highlands Middle School Addition, Uniontown, PA  
Trinity High School, Morgantown, WV  
Mylan Pharmaceuticals Parking Garage, Morgantown, WV  
Phipps Conservatory Addition, Pittsburgh, PA  
Radisson Hotel and Conference Center, Morgantown, WV  
Western Pennsylvania School for Blind Children, Pittsburgh, PA  
In-Situ Vitrification Nuclear Waste Encapsulation Project, Richland, WA  
Dominion Transmission Office Building, Clarksburg, WV  
Multiple structural evaluations and expert witness for structural damage due to subsurface mining subsidence, floods, ice, wind, and construction errors  
Over 400 low-rise metal building projects from Maine to South Carolina, including warehouses, aircraft hangar facilities, shopping centers, industrial facilities, and office facilities.





# Allegheny Design Services

Structural & MEP Engineering

102 Leeway Street  
Morgantown, WV 26505  
Phone: (304)599-0771  
Fax: (304)599-0772

E-mail: [Mike@AlleghenyDesign.com](mailto:Mike@AlleghenyDesign.com)  
Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## Michael L. Sipe, E.I. Engineering Intern

### Education:

West Virginia University Institute of Technology  
B.S. Mechanical Engineering  
Minor: Mathematics

### Awards/Achievements/Organizations:

Deans List, last 4 completed semesters  
Member of Pi Tau Sigma  
Member of AISC  
Associate Member of ASCE

### Professional Registrations:

West Virginia, Engineering Intern License # 8519

### Professional Experience:

Responsibilities include structural engineering design, construction documents, quality control, field engineering and project engineering.

#### Experience record:

Avery Court Apartments, Parkersburg, WV  
Cutlip Christie Office Complex, Clarksburg, WV  
Dominion Exploration Addition, Jane Lew, WV  
Fairmont State University Smoke Vents, Fairmont, WV  
Finite Element Analysis of Various Material Handling Structures  
Gassaway Bank, Flatwoods, WV  
Glenmark Office Building, Morgantown, WV  
Greer Limestone Conveyor Structure Renovations, Morgantown, WV  
Morgantown Event Center, Morgantown, WV  
Pressley Ridge School Residence Hall & Dining Facilities, Clarksburg, WV  
Proplex Athletic Training Facility, Morgantown, WV  
Waterfront Marina, Morgantown, WV  
West Milford Elementary School Classroom Addition, West Milford, WV  
WVU Downtown Student Housing, Morgantown, WV  
WVU Puskar Academic Center, Morgantown, WV

### Courses and Continuing Education:

WVU Structural Analysis I, Spring 2006  
WVU Steel Design, Fall 2006  
WVU Reinforced Concrete Design, Spring 2007  
AISC Design Steel Your Way with the 2005 AISC Specification, September 2006  
ASCE Steel Framed Buildings, May 2007  
AISC Façade Attachments to Steel Frames, September 2007  
ASCE Reinforced Masonry: Design and Construction, November 2007



# Allegheny Design Services

*Structural & MEP Engineering*

102 Leeway Street  
Morgantown, WV 26505  
Phone: (304)599-0771  
Fax: (304)599-0772

E-mail: [Jason@AlleghenyDesign.com](mailto:Jason@AlleghenyDesign.com)  
Web: [www.AlleghenyDesign.com](http://www.AlleghenyDesign.com)

## Jason D. Robinson, E.I. Engineering Intern

### Education:

West Virginia University  
B.S. Civil Engineering

### Awards/Achievements/Organizations:

Dean's List  
Member of AISC  
Associate Member of ASCE

### Professional Registrations:

West Virginia, Engineering Intern License #8699

### Professional Experience:

Responsibilities include structural engineering design, construction documents, quality control and field engineering.

#### Experience record:

Bridgeport Public Safety Substation, Bridgeport, WV  
Canaan Valley Institute, Davis, WV  
Gabriel Brothers Renovation, Clarksburg, WV  
Genesis Youth Crisis Center, Clarksburg, WV  
Goshen Baptist Church, Morgantown, WV  
GSA DOE, Morgantown, WV  
Mylan Upper Warehouse to Labs, Morgantown, WV  
Rees Restaurant, Morgantown, WV  
The Dayton, Morgantown, WV  
The View at the Park Phase 2, Morgantown, WV  
WVU Child Development, Morgantown, WV  
White Oaks Progress Center, Bridgeport, WV

### Courses and Continuing Education:

WVU Steel Design – Fall 2007  
AISC Façade Attachments to Steel Frames, September 2007  
ASCE Reinforced Masonry: Design and Construction, November 2007



# Allegheny Design Services

Structural & MEP Engineering

## ALLEGHENY DESIGN SERVICES' EXPERIENCE TEAMING WITH WYK ASSOCIATES, INC.

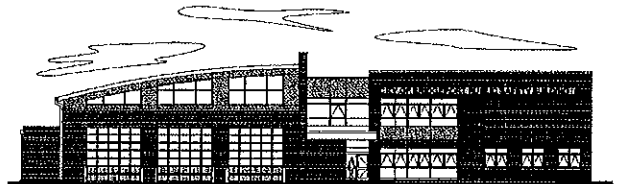
### **Bank of Gassaway Flatwoods, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the Bank of Gassaway. Building consisted of steel framing with an open skylight and canopy center lobby. It was completed in 2008 at a cost of \$2 Million.



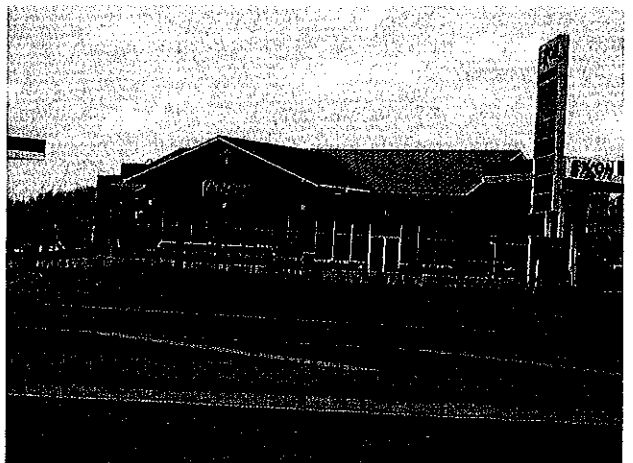
### **Bridgeport Public Safety Substation Bridgeport, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the Bridgeport Public Safety Substation. The 2 story 15,000 square foot structure houses the Bridgeport Fire and Police Departments. It was completed in 2009 at a cost of \$3.2 Million.



### **Charles Point Exxon Travel Center Bridgeport, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the Charles Point Exxon Travel Center. The building houses a restaurant, convenience mart, and a fuel station. It was completed in 2007 at a cost of \$750,000.





# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **Cutlip Christie Office Complex** **Clarksburg, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the Cutlip Christie Office Complex. The 12,000 square foot office building was completed in 2007 for \$1.5 Million.



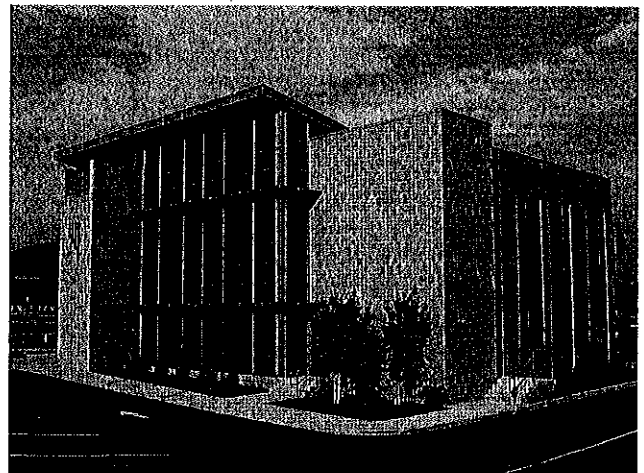
### **Dominion Exploration Building Addition** **Jane Lew, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the Dominion Exploration Building Addition. The addition is a 10,500 square foot addition completed in 2008 for \$1.5 Million.



### **West Union Bank** **Clarksburg, WV**

ADS was a sub-consultant to WYK Associates, Inc. for the West Union Bank. The bank branch is a 9,000 square foot facility completed in 2005 for \$1.5 Million. It received a Merit Award from AIA West Virginia.

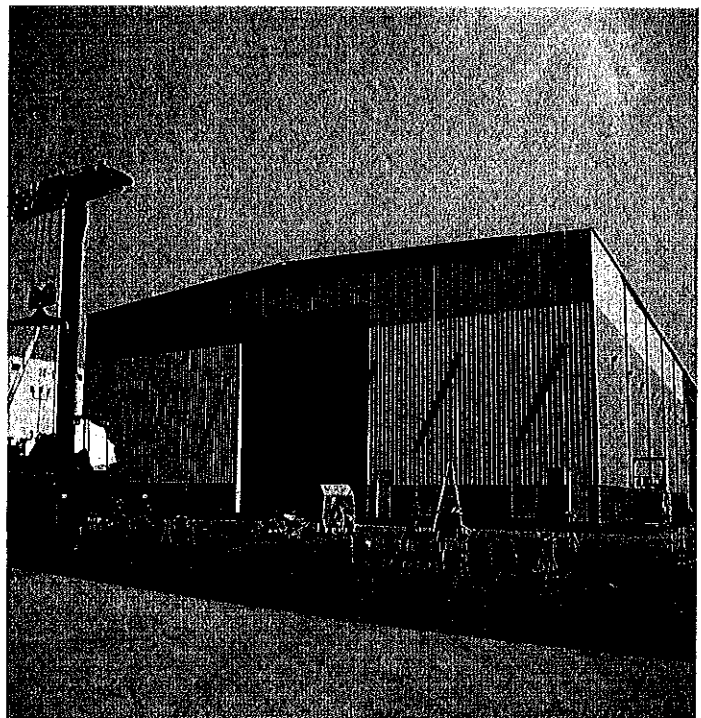
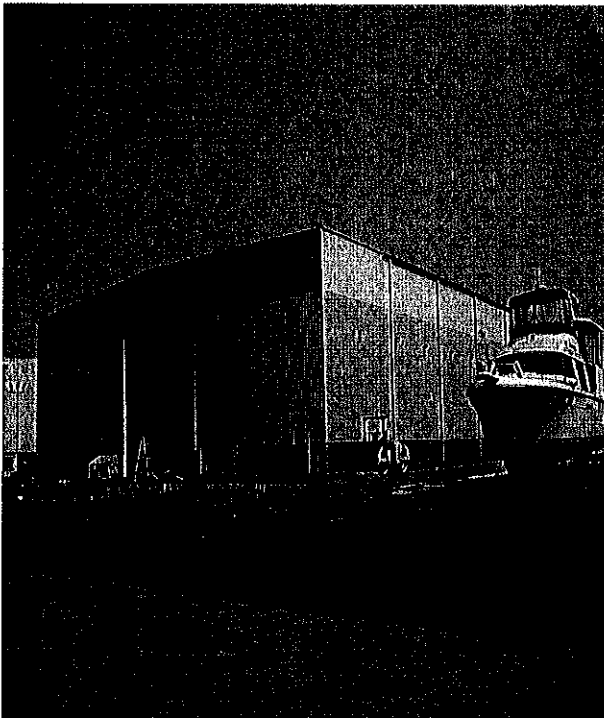




**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **PROJECT PROFILE**

### **Inner Harbor Boatel Baltimore, MD**



**PROJECT ARCHITECT:**  
**STRUCTURAL ENGINEER:**  
**CONTRACTOR:**

Levin/Brown & Associates, Owings Mills, MD  
Allegheny Design Services, Morgantown, WV  
March-Westin Company, Inc., Baltimore, MD

**PROJECT SCOPE:**

- 32,000 Sq. Ft. Recreational Boat Storage Facility
- Structural Steel Storage Rack System
- Structural Floating Mat Foundation System

**PROJECT VALUE:** \$3 Million

**PROJECT COMPLETION:** 2005



**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **PROJECT PROFILE**

### **Bill Miller Equipment Sales Cumberland, MD**



**PROJECT ARCHITECT:** LAI Architects, Morgantown, WV  
**STRUCTURAL ENGINEER:** Allegheny Design Services, Morgantown, WV  
**CONTRACTOR:** The Belt Group, Cumberland, MD

**PROJECT SCOPE:**

- 26,000 sq. ft. Paint Shop and 25,000 sq. ft Repair Shop
- Pre-Manufactured Metal Buildings
- Spread Footing Foundation System

**PROJECT VALUE:** \$3 Million

**PROJECT COMPLETION:** Spring 2007

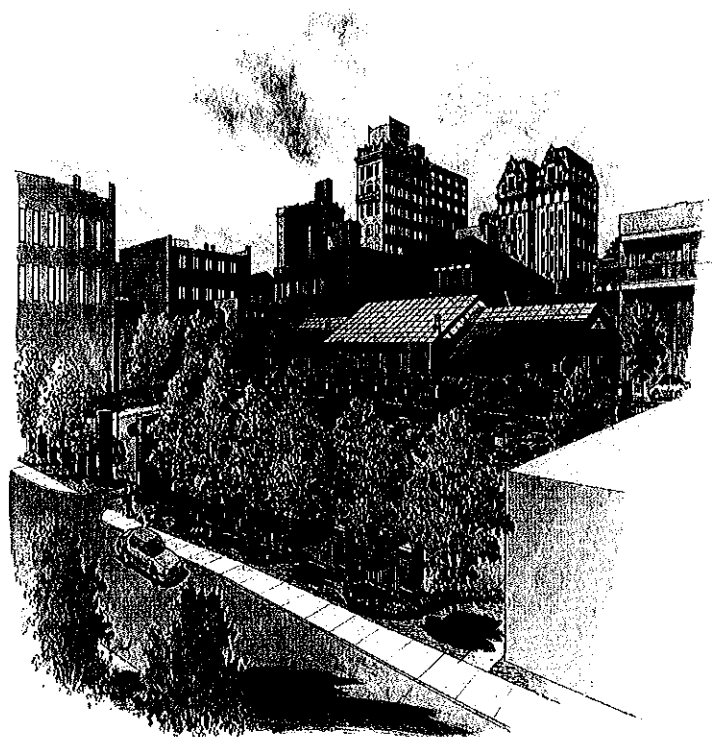
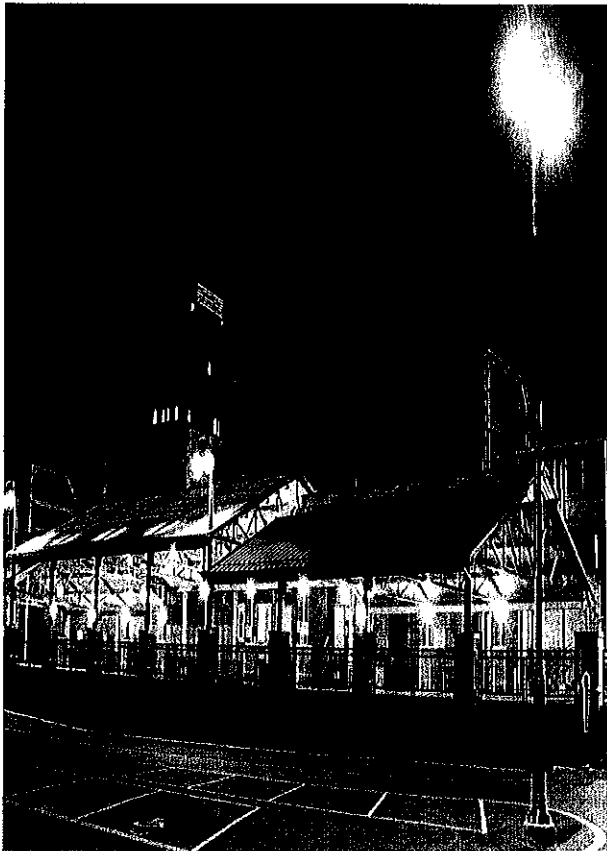




**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **PROJECT PROFILE**

### **West Pike Street Parking Facility Clarksburg, WV**



**PROJECT ARCHITECT:**  
**STRUCTURAL ENGINEER:**  
**CONTRACTOR:**

Associated Architects, Clarksburg, WV  
Allegheny Design Services, Morgantown, WV  
Concrete Preservation Systems, Inc.

**PROJECT SCOPE:**

- Parking
- Community Events
- This project received a Merit Award for Achievement in Architecture from AIA WV.

**PROJECT VALUE:** \$2,135,000.00

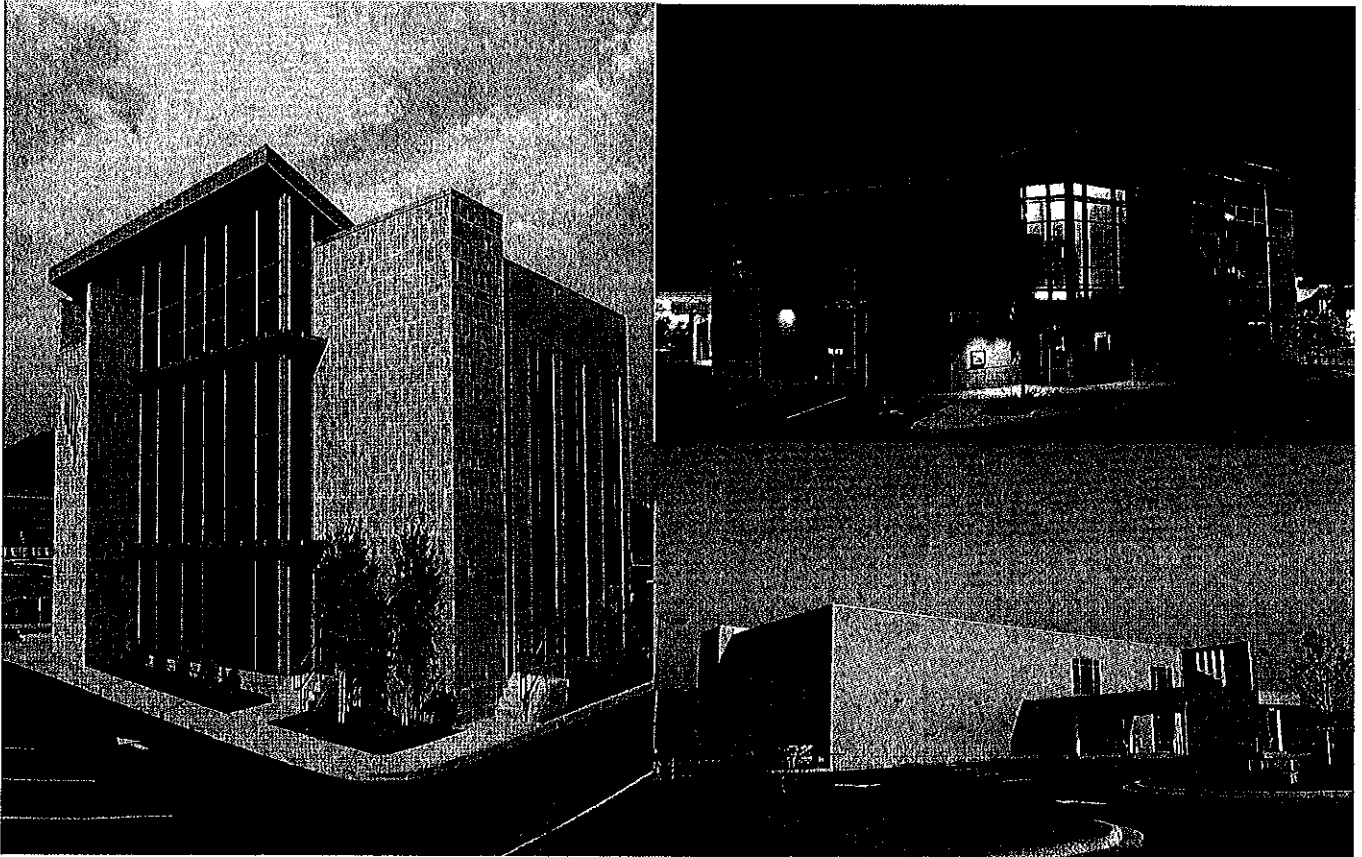
**PROJECT COMPLETION:** SPRING 2007



**Allegheny**  
**Design Services**  
*Structural & MEP Engineering*

## **PROJECT PROFILE**

**West Union Bank**  
**Clarksburg, WV**



**PROJECT ARCHITECT:** WYK Associates, Inc., Clarksburg, WV  
**STRUCTURAL ENGINEER:** Allegheny Design Services, Morgantown, WV  
**CONTRACTOR:** TMARO Corporation, Bridgeport, WV

### **PROJECT SCOPE:**

- 9,000 Sq. Ft. New Bank Facility
- Structural Steel Framing
- Spread Footing Foundation System
- This project received a Merit Award for Achievement in Architecture from AIA WV.

**PROJECT VALUE:** \$1.5 Million

**PROJECT COMPLETION:** 2005



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

## **ADS/MEP** **FIRM PROFILE**

Allegheny Design Services/MEP provides mechanical, electrical, and plumbing building design and building analysis as a part of a multi-discipline consulting engineering firm.

Dedicated to serving West Virginia and the surrounding region, ADS/MEP recognizes the need for reliable and full service engineering support. ADS/MEP provides all phases necessary for the successful completion of a building project including schematic design studies, design development, construction documents and specifications, and construction administration. We currently hold licenses in West Virginia and Ohio.

ADS/MEP's experience exceeds twenty-five years in the Design and Project Management of:

Commercial Facilities

Industrial Facilities

Institutional Facilities

Educational Facilities

ADS/MEP was established in 2009 as a result of a need in North Central West Virginia for reliable mechanical, electrical and plumbing engineering services. ADS/MEP utilizes a combination of office technology and a motivated staff to deliver projects typically up to \$15 million in construction value. Our clients include architects, contractors, developers, attorneys, and insurance companies.

ADS/MEP division provides quality, efficient engineered building systems from an experienced staff. Using the latest engineering design solutions, ADS/MEP offers reliable mechanical, electrical, and plumbing engineering services required for a successful and sustainable building project.

ADS/MEP is covered under a \$2 million liability policy for errors and omissions through Travelers.



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **KEY PERSONNEL**

#### **Gary M. (Mike) Chancey, P.E., LEED AP**

West Virginia Institute of Technology, B.S. Electrical Engineering  
P.E. Licenses in the following States:

West Virginia

Ohio

LEED Accredited Professional

National Society of Professional Engineers

West Virginia Society of Professional Engineers

American Institute of Architects – WV Chapter

#### **David A. Cotton, E.I., LEED AP**

West Virginia Institute of Technology, BS Mechanical Engineering

West Virginia Engineering Intern License #8597

LEED AP Professional Accreditation

American Society of Mechanical Engineers

HVAC Design Course

U.S. Green Building Council

CAWV Joint Architects Committee

CAWV Young Contractors Committee



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

**Gary M. (Mike) Chancey, P.E., LEED AP**  
**MEP Project Manager**

### **Education:**

West Virginia Institute of Technology  
B.S. Electrical Engineering

### **Professional Registrations:**

Professional Engineer, West Virginia and Ohio  
LEED Accredited Professional

### **Professional Memberships:**

National Society of Professional Engineers  
West Virginia Society of Professional Engineers  
American Institute of Architects – WV Chapter

### **Professional Experience:**

Responsible for project management and electrical design at Allegheny Design Services. Experience includes over 20 years in electrical design and project management for industrial, commercial, residential, institutional, educational, and recreational facilities. Building system design includes lighting, site lighting, power distribution, communications, surveillance, access control, and fire protection. Past accomplishments include design and construction administration of health care, schools, municipal, sports, commercial and retail facilities. Experience has been obtained from the following assignments:

### **Experience Record:**

Allegheny Design Services, LLC, MEP Project Manager	April 2009 to Present
MSES Consultants, Project Electrical Engineer	August 1990 to April 2009
MC2 Engineering, Owner	July 2006 to April 2009
Triad Engineering Consultants, Staff Electrical Engineer	May 1988 to August 1990
Duke Power, Design Engineer	August 1985 to May 1988

## **Additional Professional Experience:**

Experience encompasses design, project management, and construction administration for electrical, communications, and security systems of building projects.

Project experience (past and present) includes:

Marina Towers, Morgantown, WV  
Mildred Mitchell-Bateman Hospital, Huntington, WV  
Veterans Nursing Facility, Clarksburg, WV  
Johnston School Renovation, Salem Industrial Home, WV  
Harrison Co. 4-H & Recreation Center, Clarksburg, WV  
Bank of Gassaway, Flatwoods Branch, Flatwoods, WV  
Pinecrest Hospital TB Unit Renovation, Beckley, WV  
Robert L. Bland Middle School Renovation, Weston, WV  
Stonewall Jackson Resort Lodge, Stonewall Jackson Lake, WV  
Braxton Co. Multi-Tenant Building, Flatwoods, WV  
Ripley Municipal Building, Ripley, WV  
Ripley High School Renovations, Ripley, WV  
West Virginia University President's Home, Morgantown, WV  
Tucker Co. 911 Facility, Parsons, WV  
Hewes Avenue Parking Garage Electrical Renovations, Clarksburg, WV  
Wheeling Jesuit Science and Technology Building, Wheeling, WV  
Erickson All-Sports Facility, Parkersburg, WV  
Tygarts Valley High School Addition, Mill Creek, WV  
Museum in the Community, Hurricane, WV  
Wood Co. 911 Facility, Parkersburg, WV  
VAMC Primary Care Renovation, Clarksburg, WV  
National Guard Hangar, Harrison Marion Regional Airport, Bridgeport, WV  
Fairmont State University Athletic Field Lighting, Fairmont, WV  
SAFE House Renovation, Welch, WV  
Harrison Co. Public Safety Building, Clarksburg, WV  
Harrison Marion Regional Airport Runway Extension, Bridgeport, WV  
Ohio Co. Schools Maintenance & Transportation Center, Wheeling, WV  
Salem-Teikyo University Carlson Hall Renovations, Salem, WV  
Steenrod Elementary School, Wheeling, WV  
Fairmont General Hospital Admissions/Evaluation Unit, Fairmont, WV  
Peterson Elementary School, Weston, WV  
FCI Morgantown Dormitory, Morgantown, WV  
Elizabeth Cather Tower Electrical Renovations, Grafton, WV  
Hampshire Co. High School Addition, Romney, WV  
Various school renovations and additions  
Streetscape projects in Clarksburg, Bridgeport, Weston, Morgantown, and WVU





# Allegheny Design Services

*Structural & MEP Engineering*

**David A. Cotton, E.I., LEED AP**

**Education:**

West Virginia Institute of Technology  
B.S. Mechanical Engineering

**Professional Registrations:**

West Virginia, Engineering Intern License # 8597  
LEED AP Professional Accreditation

**Professional Memberships:**

American Society of Mechanical Engineers  
U.S Green Building Council  
CAWV Joint Architects Committee  
CAWV Young Contractors Committee

**Continuing Education:**

2009 ASME HVAC Systems: Sizing and Design – April 27-29 – Orlando, FL

**Professional Experience:**

Allegheny Design Services, LLC, Mechanical Engineer	Nov. 2008 to Present
March-Westin Company, Project Manager	August 2006 to Nov. 2008
Contracting Engineering Consultants, Detailer	May 2006 to August 2006
Special Metals, Corrosion Lab Technician	May 2005 to January 2006
Oasis Landscaping, Landscaper	May 2004 to September 2004
GC Services, Account Representative/Team Leader	May 2002 to October 2003

**Additional Professional Experience:**

Experience includes estimating, design, project management, coordination, and project engineering for construction projects.

Construction project experience includes:

Tuscan Ridge, Canaan Valley, WV  
WVU Biomedical Research Facility, Morgantown, WV  
Willowdale Sidewalk, Morgantown, WV  
WVU Infrastructure, Morgantown, WV  
WVU Alumni Center, Morgantown, WV  
WVU Milan Puskar Locker Room Renovations, Morgantown, WV  
Steptoe and Johnson Office Building, Clarksburg, WV  
Marina Towers, Morgantown, WV  
Jamaica House, Jamaica  
Phi Sigma Kappa, Morgantown, WV  
Progress Center, Clarksburg, WV

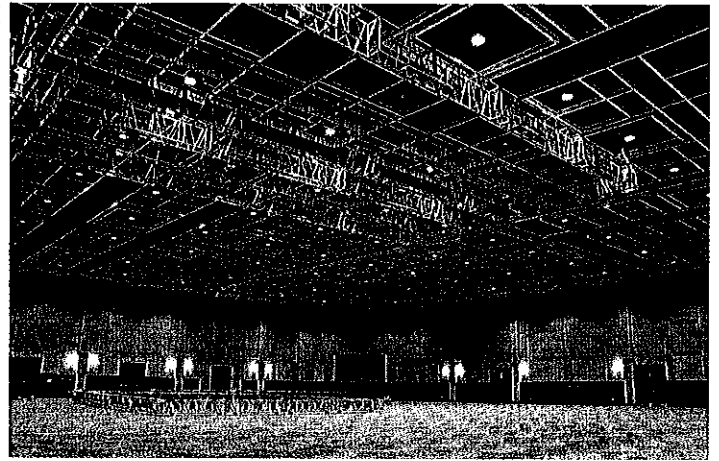
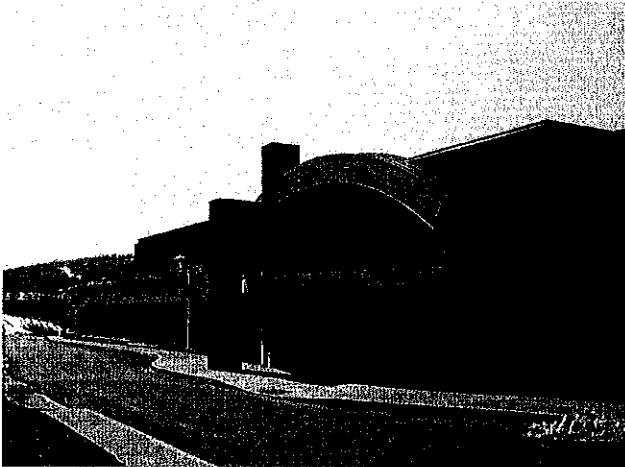


# Allegheny Design Services

Structural & MEP Engineering

## PROJECT PROFILE

### Morgantown Event Center Morgantown, WV



**PROJECT ARCHITECT:**  
**STRUCTURAL ENGINEER:**  
**ELECTRICAL ENGINEER:**

Paradigm Architecture, Morgantown, WV  
Allegheny Design Services, LLC, Morgantown, WV  
Mike Chancey of Allegheny Design Services—MEP with  
Johnson Engineering & Associates, Morgantown, WV  
March-Westin Company, Inc., Morgantown, WV

**CONTRACTOR:**

**PROJECT SCOPE:**

- Multi-functional event facility with full service kitchen and meeting rooms
- Lighting control for multi-function areas, event space power distribution, emergency generator backup power supply, fire alarm system, and communication systems infrastructure

**PROJECT VALUE:** \$23 Million

**PROJECT COMPLETION:** Spring 2010



# Allegheny Design Services

*Structural & MEP Engineering*

## PROJECT PROFILE

### West Virginia University Honors Dormitory Morgantown, WV



**PROJECT ARCHITECT:**  
**ELECTRICAL ENGINEER:**

Paradigm Architecture, Morgantown, WV  
Mike Chancey of Allegheny Design Services—MEP with  
Johnson Engineering & Associates, Morgantown, WV

**STRUCTURAL ENGINEER:**  
**CONTRACTOR:**

Allegheny Design Services, LLC, Morgantown, WV  
TEDCO Construction, Carnegie, PA

**PROJECT SCOPE:**

A five story, 90,000 square foot new student housing building will accommodate 360 residents. The design includes apartments for Resident Hall Coordinators and Resident Facility Leaders, a multi-purpose room, laundry facility, administrative offices, and space for fellowship advising, and honors college administration.

**PROJECT VALUE:** \$17.65 Million

**PROJECT COMPLETION:** Summer, 2009

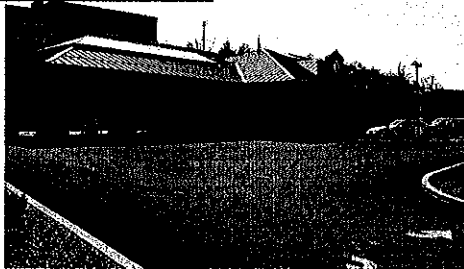


# Allegheny Design Services

*Structural & MEP Engineering*

## PROJECT PROFILE

### Bank of Gassaway Flatwoods, WV



**PROJECT ARCHITECT:**  
**STRUCTURAL ENGINEER:**  
**ELECTRICAL ENGINEER:**

WYK Architects, Clarksburg, WV  
Allegheny Design Services, LLC, Morgantown, WV  
Mike Chancey of Allegheny Design Services—MEP with  
Johnson Engineering & Associates, Morgantown, WV  
Flint Construction Company, Inc., Gassaway, WV

**CONTRACTOR:**

**PROJECT SCOPE:**

- Building equipped with high efficient fluorescent direct/indirect lighting utilizing dimming and occupancy sensing lighting controls
- Site lighting for aesthetics and security, emergency generator backup power supply, fire alarm system, communication and security systems infrastructure

**PROJECT VALUE:** \$2 Million

**PROJECT COMPLETION:** Fall 2008



# **Allegheny**

## **Design Services**

*Structural & MEP Engineering*

### **PROJECT PROFILE**

### **Additional Project Experience**

In addition to the projects profiled, Mike Chancey has provided electrical engineering and design as the project electrical engineer for many relevant projects during his tenure with another MEP consulting firm. Some of the significant projects include the following:

**Johnston School Renovation**  
**WV Division of Juvenile Services**  
**Salem Industrial Home for Youth**  
**Industrial, WV**

**Project Scope:** Complete electrical system renovation of a two story school facility and gymnasium. Electrical renovations include upgraded service entrance, power distribution, interior and building exterior lighting, emergency lighting, fire alarm system, CCTV system and communications cabling. New systems added during the renovation include an emergency power system using a diesel generator, fire pump for sprinkler system, intercom system and panic alarm system.

**New Dormitory and Dining Facility Expansion**  
**Federal Correctional Institute**  
**Morgantown, WV**

**Project Scope:** \$6 Million project including a new 320 bed dormitory, 5,000 sq. ft. addition to the dining facility and a 2,600 sq. ft. addition to the administration building. Electrical design of power distribution, interior lighting, emergency lighting, fire alarm system, CCTV system, access control system, communication cabling infrastructure and high-mast security exterior lighting.

**West Virginia Army National Guard**  
**Fixed Wing Training Site**  
**North Central WV Airport**  
**Bridgeport, WV**

**Project Scope:** 37,000 sq. ft. facility totaling \$6.4 Million includes a hanger, administration offices, and conference room. Electrical design of power distribution, interior and exterior lighting, emergency lights, fire alarm system, communication cabling, and taxiway lighting.



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

**WYK's Repeat Clientele**  
WYK Associates, Inc.





**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING

## WYK's Repeat Clientele

WYK Associates, Inc.

North Central West Virginia Airport

Davis Memorial Hospital

Kappa Sigma Pi

Citizens' National Bank of Elkins

Barbour County Courthouse Renovations



United Hospital Center

Harrison County Commission

City of Clarksburg

United Summit Center

Pocahontas County Commission

V.A. Medical Center - Clarksburg



Toothman & Rice

Harrison County Senior Citizens

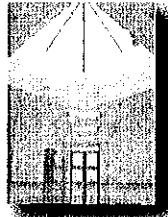
Harrison County Development Authority

Barbour County Board of Education

Greathouse Funeral Home

Quiet Dell United Methodist Church

Harrison County Courthouse Renovations



World Vision

Dominion Exploration and Production

Harrison County Board of Education

Harrison County Bank

Lewis County Board of Education



Fairmont State University

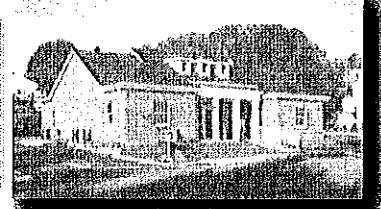
Corhart Refractories

West Union Bank

Harrison County YMCA



**WYK ASSOCIATES, INC.**  
ARCHITECTURE · PLANNING



City of Salem

Daisy Development

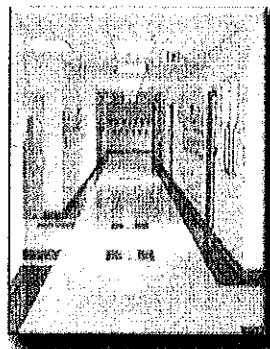
ARC of Harrison County

City of Bridgeport

Webster County EDA

City Neon

Stockmeier Urethanes



WYK's Emphasis is on Client Satisfaction; We Feel Our Strong Repeat Client Base is a Testament to That Fact



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## References

WYK Associates, Inc.

WYK...turning vision into reality....

**WYK's Computer Rendering**  
March 2006



Asst. Director - May 2007

Chancellor's Office - Office Complex

Central Office - 11000 1st St. WYK



**WYK ASSOCIATES, INC.**  
ARCHITECTURE • PLANNING

## References

Fixed Wing Army Aviation Training Site  
Facility Expansion #DEFK11009

### We Urge You to Contact the Following:

**Michael A. Robinson, Vice President**

Stockmeier Urethanes USA  
P.O. Box 1456  
Clarksburg, WV 26301  
(304) 624-7002

**Jim Christie, Mayor**

City of Bridgeport  
P.O. Box 1310  
Bridgeport, WV 26330  
(304) 842-8226

**David Leach, Manager**

World Vision Storehouse  
420 Chestnut Street  
Philippi, WV 26416  
(304) 457-6612 ext.: 222

**Geary Weir, Director**

Webster County EDA  
139 Baker Street  
Webster Springs, WV 26288  
(304) 847-2145

**Dr. Joseph Mace, Superintendent**

Lewis County Schools  
239 Court Street  
Weston, WV 26452  
(304) 269-8333

**Neil Quinn, Clerk of the Works**

Harrison County Schools  
408 E. B. Saunders Way  
Clarksburg, WV 26301  
(304) 326-7305

