WestVirginia Division of Public Transit

Project: Bluefield Area Transit Requisition #PTR10034 March 3, 2010





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WV PURCHASING DIVISION



March 1, 2010

Mr. Frank Whittaker Senior Buyer Purchasing Division Building 15 2019 Washington Street, East Charleston, WV 25305-0130

Project: Bluefield Area Transit - PTR10034

Dear Mr. Whittaker and Members of the Selection Committee,

McKinley & Associates, Hays Landscape Architecture Studio, Ltd., and American Geotech, Inc., (McKinley/Hays/AGI) have formed a collaborative, integrated team to work with the West Virginia Department of Transportation, Division of Public Transit, in providing architectural and engineering services for a LEED Certified brick and metal administration building and maintenance facility located in Bluefield, West Virginia. As you review this submission, we emphasize the following strengths of McKinley/Hays/AGI with respect to your project:

- 1.) McKinley & Associates has been providing design services since 1981. With offices in Wheeling and Charleston, WV and Washington, PA, we support a professional staff of 40+ that includes: architects, mechanical, electrical, plumbing/life safety engineers (MEP engineers) as well as a certified interior design department. We are proud to be generally considered one of the largest full service A/E firm in the State of West Virginia.
- 2.) Our Landscape Architecture Consultant is Wm. Gabriel Hays, ASLA from Hays Landscape Architecture Studio, LTD. Hays LAS has grown to accommodate a diverse capacity of work including planning documents and master plans as well as construction documents for large, multi-million dollar projects. The firm also brings fine design work experience from over 12 states nationwide.
- 3.) American Geotech, Inc. is a consulting engineering firm located in Charleston, WV. They specialize in the practices of geotechnical, environmental and testing engineering; practicing over 15 years. The ownership of AGI represents over 60 years of combined engineering experience including completion of geotechnical, testing, environmental and asbestos testing projects in West Virginia, Virginia, Ohio, Kentucky, Maryland, and Pennsylvania. With AGI, we will meet the minimum 5.1% DBE subcontract participation goal.

We believe that the McKinley/Hays/AGI collaboration brings many benefits, which we outlined in the enclosed document. Thank you for reviewing our submission and considering McKinley/Hays/AGI for your project. We are very excited about the possibility of working with the West Virginia Department of Transportation, Division of Public Transit.

Personal Regards.

Ernest Dellatorre
McKinley & Associates

Executive Summary

REOUISITION #PTR10034

Team Members:

McKinley & Associates Architecture, Engineering,

Interior Design, Construction Administration

Hays Landscape Landscape Architecture

Architecture Studio, Ltd.

American Geotech, Inc. Geotechnical Surveyors

RFP Highlights:

- McKinley & Associates designs over \$100 million in construction cost per year
- All MEP Engineering will be designed "In-House"
- American Geotech, Inc. will provide our team with the 5.1% DBE Goal
- Proposed team has collaborated on previous projects
- Recognition of cost effective new design within the past 4 years in West Virginia:
 - 1. Chapmanville Regional High School (Logan County, WV) \$158.41/SF
 - 2. Hilltop Elementary School (Marshall County, WV) \$169/SF

First and foremost we can state that our staff of 40+ professionals will devote whatever time is necessary to provide the West Virginia Department of Transportation, Division of Public Transit with a successful project. With over 15 registered professional architects and engineers we have the ability to make difficult schedules work.

The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project.

Our Quality Assurance Program starts with a peer review where a registered professional not involved in the design becomes reviewer of the project before going to bid. Additionally, at our regularly scheduled project meetings the entire design team is constantly reviewing the process.

The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. Throughout the years we have worked on many "fast-track" projects such as the Cabela's Distribution Center as well as Teletech Calling Facility in Moundsville, WV achieving success by maintaining time and cost management, quality control and excellent communication amongst the client and contractors. We can and will perform for you on time.

Evaluative Criteria

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Part 3 Procurement Specifications, 3.1 General Requirements section. Much of the information is contained on other pages within this proposal, to which we refer for your convenience in locating the supporting documents.

(1) Overall capabilities to handle this work, including work force available to assign to the project, personnel qualifications and present workload:

The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. This is an "In-House" team that works together everyday and has done most of the projects here as a group. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. The services we provide are different than most others. With our 40+ member staff we have the ability to have registered architects and engineers designing within their area of expertise. HVAC design by a Mechanical Engineer, Electrical design by an Electrical Engineer, Fire and Life Safety design by a Fire Protection Engineer. The Professional Engineers (PE) are not only "In-House," we also have depth in numbers of each discipline in our firm. Our Architectural staff provides you with an exceptionally talented group that will will walk you through your project to competition. Day by day, side-by-side, our architects and engineers will work with Council staff and institutions to implement the program and project design. We are available to start immediately upon our being selected.

(2) Amount of work proposed to be subcontracted or preformed by subconsulant:

American Geotech, Inc. is in charge of the geotechnical engineering. With AGI, we will meet the minimum 5.1 percent DBE subcontract participation goal. In addition, we brought in Hays Landscape Architecture Studio, LTD to assist in the landscaping. More information on both firms are included within their designated tabs.

(3) Indication of whether a cost accounting system has been maintained and is in effect, such that it is capable of segregating and identifying accumulating costs for each job that is performed under cost type projects:

The firm uses a number of different cost estimating procedures depending on the type and size of project. Our ability to design within budget is shown in the following, which represent some of our recently bid projects:

PROJECT	BUDGET	ACTUAL	DIFFERENCE
•			DIFFERENCE
Wood Co Williamstown HS	\$11,635,000	\$11,253,000	-3.39%
Weirton State Building	\$4,291,000	\$4,083,000	-5.09%
Ohio Co. Schools	\$2,800,000	\$2,675,000	-4.67%
Hancock Co. Schools	\$11,000,000	\$11,260,000	+2.36%
WV Northern Phase II	\$1,200,000	\$1,194,000	-0.50%
Wheeling YMCA	\$2,200,000	\$2,100,000	-4.76%
Maxwell Centre	\$1,800,000	\$1,734,000	-3.81%
WVU Colson Hall	\$5,400,000	\$5,500,000	+1.85%
Central ES	\$3,037,000	\$3,017,000	-0.66%

The Marshall County School Bond Project's total budget is \$37,000,000.

To date, we are \$1,000,000 under budget.



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

Request for p Quotation

RFO NUMBER PTR10034

Waddhess:Correspondence/loxa/fien/fon/or

FRANK WHITTAKER 304-558-2316

DIVISION OF PUBLIC TRANSIT

BUILDING 5, ROOM 906 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0432 304-558-0428

RFQ COPY TYPE NAME/ADDRESS HERE McKinley & Associates The Maxwell Center / Suite 100 32 Twentieth Street

Wheeling, WV 26003

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

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FRANK WHITTAKER 304-558-2316

DIVISION OF PUBLIC TRANSIT

BUILDING 5, ROOM 906 1900 KANAWHA BOULEVARD, EAST CHARLESTON, WV 25305-0432 304-558-0428

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The Maxwell Center / Suite 100

McKinley & Associates

32 Twentieth Street

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

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FRANK WHITTAKER 304-558-2316

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FRANK WHITTAKER

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FRANK WHITTAKER 304-558-2316

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McKinley & Associates The Maxwell Center / Suite 100 32 Twentieth Street Wheeling, WV 26003 DIVISION OF PUBLIC TRANSIT

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BID FORM #1: Letter of Intent

Name of Bidder/Offeror's firm : McKin	iley & Associ	ates
Address: The Maxwell Center; 32 Twen	tieth Street	- Suite 100
City: Wheeling	State: WV	Zip Code: 26003
Name of DBE firm: American Geotech,	Inc.	
Address: 601 Ohio Ave		
City: Charleston	State: WV	Zip Code: 25302
Telephone: (304) 340-4277		
Description of work to be performed by Geotechnical Services	the DBE firm	1:
By: Lant alle		Director of Business Development
(Signature)	***	(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.)

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

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goal of 5.1%) is committed to a
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•
Dir. Business Development
(Title)

BID FORM#3

McKinley & Associates on the U.S. Comptroller General's Consolida of Various Public Contracts Incorporating La	herby certifies that it IS or IS NOT (specify one) included ted List of Persons or Firms Currently Debarred for violations bor Standards Provisions.
March 1, 2010 Date Authorized Signature	
Director of Business Development Title McKinley & Associates	
Company Name	

BID FORM #4

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

The Printhird par	mary Participant (applicant for an FTA grant or coorty contract),	perative agreement, or potential contractor for a major				
McKi	inley & Associates	(COMPANY NAME) certifies to the best of its				
knowled	lge and belief, that it and its principals:					
1.	Are not presently debarred, suspended, propose excluded from covered transactions by any Federal	d for debarment, declared ineligible, or voluntarily eral department or agency;				
2.	rendered against them for commission of fraud of attempting to obtain, or performing a public (Fed transaction; violation of Federal or State antitrus	is proposal been convicted of or had a civil judgment or a criminal offense in connection with obtaining, eral, State or local) transaction or contract under a public statutes or commission of embezzlement, theft, forgery, aking false statements, or receiving stolen property;				
3	Are not presently indicted for or otherwise crimin State or local) with commission of any of the offer and	ally or civilly charged by a governmental entity (Federal, enses enumerated in paragraph (2) of this certification;				
4	Have not within a three-year period preceding th transactions (Federal, State or local) terminated	is application/proposal had one or more public for cause or default.				
(If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)						
THE PR	RIMARY PARTICIPANT (APPLICANT FOR AN FT TIAL CONTRACTOR FOR A MAJOR THIRD PAF	A GRANT OR COOPERATIVE AGREEMENT, OR RTY CONTRACT),				
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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, McKinley & Associates ______, 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.

3/1/010

Date

Authorized Signature

Director of Business Development

Title

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

Bid Form #6

REO	No	PTR:	L0034

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 subject to the partnership with the performance of a commission or where intrinsicion is coordantly with one 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 partion 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

Vendor's Name: McKinley & Associate Date: 3/1/2010 Authorized Signature: State of West Virginia County of Ohio to-wit Taken, subscribed, and sworn to before me this My Commission expires NOTARY PUBLIC AFFIX SEAL HERE



WITNESS THE FOLLOWING SIGNATURE

Design Team

Project Manager Thomas R. Worlledge, AIA, LEED AP, REFP Thomas R. Worlledge, AIA, LEED AP, REFP Architectural Team. Nicole D. Riley, Assoc. AIA Bradley A. Crow, PE, LEED AP Director of Engineers / Mechanical Engineer Tim E. Mizer, PE, RA **Engineering Team** Director of Operations / Architectural Engineer Darren S. Duskey, PE Electrical Engineer Wm. Gabriel Hays, ASLA (H) Landscape Architecture -Philip Cole (H) Kanti S. Patel, PE Ryan D. Jackson 🚇 Geotechnical Consultants -Joe H. Francis 🙈 Tim E. Mizer, PE, RA **Quality Control** Charles T. Moore, AIA Bradley A. Crow, PE, LEED AP Green (LEED) Design-Thomas R. Worlledge, AIA, LEED AP, REFP Interior Designer — Deb Blakeman, NCIDQ #015070 **Project Coordinator /** Dana E. Womack, Jr. 💵 Construction Administrator—



Thomas R. Worlledge, AIA, LEED AP, REFP

Charleston Office Area Manager

Architect / LEED Accredited Professional



EDUCATION:

Virginia Polytechnic Institute & State University Master of Architecture - 1992

Fairmont State College, School of Technology B.S. Architectural Eng. Tech. - 1983

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Architect in:

West Virginia Virginia Pennsylvania Ohio

National Board Certification:

NCARB #48600

President:

West Virginia Society of Architects

Member:

The American Institute of Architects
US Green Building Council
Sustainable Building Industries Council
Recognized Educational Facility Professional

Former voting member:

ASHRAE 90.1 International Energy Code Committee

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Manager, Charleston Office Charleston, WV (2005 to present)

Proactive Architecture Inc. President Charleston, WV (1999-2005)

Silling Associates Inc.
Vice President
Charleston, WV (1992-1999)

TAG Architects Charleston, WV (1985-1990)

> Alpha Associates Inc. Morgantown, WV (1983-1985)

SUMMARY OF EXPERIENCE:

Mr. Worlledge is a skilled Architect with over 20 years experience who has received state wide design awards (including a West Virginia Chapter of the American Institute of Architects 2009 Merit Award in Sustainable Design) and placed in national design competitions. As a LEED Accredited Professional and a recognized sustainable design expert, he has had articles published in state and national trade publications, spoken before architectural students, ASHRAE chapters, and business groups on sustainable design issues and was also a featured speaker at the 2001 Governor's Conference on the Environment and the 2001 Sustainable fair. He also teaches other design professionals in the art of High Performance School design, as a professional trainer for the Sustainable Building Industries Council. Mr. Worlledge has been involved in design of projects ranging in from a small home additions (one of which was featured on HGTV's New Spaces Show) to multimillion dollar projects such as the new West Virginia State Building in Logan, which will be LEED Silver Certified. Mr. Worlledge is a former voting member of the ASHRAE 90.1 Standards committee that forms the basis of the International Energy Code and is the president of the state chapter of the AIA.

NOTABLE PROFESSIONAL EXPERIENCES:

LEED and Energy Efficient "Green" Design:

West Virginia State Building in Logan, WV (LEED Registered Project)

Marshall County Schools - Hilltop Elementary School (LEED Registered Project)

Bellann in Oakhill, WV (LEED Registered Project)

H3 LLC - New office facility (possible Net-Zero Energy Building)

McKinley & Associates Charleston Area Office (2009 WV AIA Design Award winner)

PROMINANT PROFESSIONAL ACHIEVEMENTS:

High Performance Design for High Performance CompaniesPublished in *Executive Source*, Fall 2002

Watt's Next? The Coming Energy Revolution

Published in West Virginia Executive, Winter 2004

The Design of Sustainable Environments

Featured Speaker, 1994 National Convention of Architectural Students

Daylighting and HVAC Design

Featured Speaker, ASHRAE West Virginia Chapter

Rebuilding the Future: Recycling and Reuse of Building Materials Featured Speaker, 2001 Governor's Conference on the environment

Nicole D. Riley, Assoc. AIA

Associate Architect

EDUCATION:

Virginia Tech, College of Architecture Bachelor of Architecture - 1998

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS: NCARB

Associate Member:

The American Institute of Architects

Member:

AIA 150 Celebration Steering Committee AIA Livable Communities Committee Charleston Area Alliance, Young Professionals Housing Sub-Committee Young Life Committee of Kanawha Valley

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Wheeling, WV (2005 to present)

Williamson Shriver Architects Charleston, WV (2003-2005)

ZMM, Inc. Architects and Engineers Charleston, WV (1999-2003)

The Omni Associates Fairmont, WV (1999)

SUMMARY OF EXPERIENCE:

Mrs. Riley's tenure as design professional has taken her through many aspects of project delivery and construction throughout West Virginia. This experience includes a wealth of works for several county school systems, the West Virginia Army National Guard, as well as multiple private clientele. A family background in masonry construction and a keen interest in historical elements are recognized through her understanding and usage of natural materials in a contemporary context. Mrs. Riley is active in coordination during the design process, culminating in a sound package for the client.

NOTABLE PROFESSIONAL EXPERIENCES:

Designer/Production Team - Robert C. Byrd Regional Training Institute, Kingwood, WV

148,000 SF facility for the West Virginia Army National Guard - Camp Dawson. This facility contains temporary residences for officers, training and office areas, auditorium and conference space as well as dining facilities. Designer of Lobby tile and marquis design and assisted with various Interior Design elements and Construction administration tasks.

Project Captain - Glen Jean Armed Forces Center, Glen Jean, WV 110,000 SF joint project for the West Virginia National Guard and the United States Department of Defense includes an Armed Forces Reserve Center, Organizational Maintenance Facility and Military Entrance Processing Station. Responsible for all phases of document production with an emphasis on coordination with U.S. Department of Defense and various engineering consultants.

Design Team - Parkersburg South High School

Selective demolition and comprehensive renovations and additions to 250,000 SF campus, whose original design period spanned the decades of 1950-1970. Design facets included state-of-the-art technological and science updates as well as new music facilities including an auditorium. Renovation design implemented ADA and Safe Schools initiatives. New Day Care facility was designed for the school system's training curriculum.

Project Manager - McKinley & Associates Charleston Area Office
The new McKinley & Associates Charleston Area Office is a 2,500 SF
office space for our architectural, engineering, and interior design staff.
This 2009 AIA Merit Award-winning interior renovation project was
constructed for \$63.30/SF with owner occupancy ahead of schedule.
Managed budget, schedule, construction administration, vendor
relations and material purchasing.

Design Team - St. Albans High School, St. Albans, WV Extensive additions and renovations to existing high school. Concentration on selective demolition and design detailing.

Bradley A. Crow, PE, LEED AP



Director of Engineering Services

Mechanical Engineer / LEED Accredited Professional

EDUCATION:

West Virginia Institute of Technology B.S. Mechanical Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:

West Virginia Pennsylvania

LEED® Accredited Professional

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Mechanical Engineer Wheeling, WV (2005 to present)

BDA Engineering Design Engineer Pittsburgh, PA (2001–2005)

Tri-State Roofing Sales Engineer Davisville, West Virginia (2000–2001)

Ravenswood Polymers Site Engineer Ravenswood, West Virginia (1997–2000)

SUMMARY OF EXPERIENCE:

Mr. Crow is an exciting and innovative Engineer who is on the cutting edge of his profession, being both a Professional Engineer as well as a LEED® Accredited Professional. His passion for his work translates into incredible design for his clients. His broad experience includes design for HVAC and plumbing for educational facilities, office buildings, shopping centers, apartment buildings, and other commercial and institutional facilities. Brad also has experience as a Site Engineer and Sales Engineer, which provides an unique understanding for problem solving.

NOTABLE PROFESSIONAL EXPERIENCES:

Mechanical Engineer

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson

Bennett Square Office Building

Cabela's Eastern Distribution Center

Panhandle Cleaning & Restoration warehouse and office building

Dr Ganzer Office Building

West Virginia State Building in Logan, WV (LEED)

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia Independence Hall

USPS - Charleston Processing and Distribution Center

Mt. Lebanon Municipal Building renovation (70,000 SF)

Wood County Schools (\$63+ million renovations)

WVU Colson Hall renovations

WVU State Fire Training Academy / Jackson's Mill

West Virginia State Police - New Logan Detachment

Illinois Cancer Center

Utah Cancer Center

Monroeville MRI

Wheeling Island Fire Station

Tim E. Mizer, PE, RA

Director of Operations

Architectural Engineer / Architect

EDUCATION:

Kansas State University B.S. Architectural Engineering - 1983

University of Cincinnati Architecture

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Engineering in:

West Virginia Ohio

Registered Architect in:

Ohio

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Architect / Engineer Wheeling, WV (1995 to present)

M.C.C. Engineering Director of Design Columbus, Ohio (1988-1995)

Schooley Caldwell and Associates Electrical & Mechanical Design Columbus, Ohio (1986-1988)

Mizer Design Free Lance Architectural Engineering Design Columbus, Ohio (1985-1986)

Envirotek, Inc. Drafting and Electrical & Mechanical Design Raleigh, NC (1984-1985)

SUMMARY OF EXPERIENCE:

A very talented and unique professional who is registered both in engineering and architecture. Mizer's background as an Architectural Engineer has provided him with a total understanding of the engineering components which provides a cohesiveness on all of his projects. Being also a Registered Architect, he understands designing to allow for the engineering disciplines, including his responsibility of project management and design. Mr. Mizer is the Head of Operations for the company.

NOTABLE PROFESSIONAL EXPERIENCES:

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

Cabela's Eastern Distribution Center

West Virginia State Building in Weirton, WV

West Virginia State Building in Logan, WV (LEED)

Panhandle Cleaning & Restoration warehouse and office building

Orrick Building

Maxwell Centre

Wagner Building

Bennett Square Office Building

Millennium Centre

Dr Ganzer Office Building

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

USPS - designed over 100 Post Offices throughout West Virginia for ADA compliance

Wheeling Island Casino - various projects

Darren S. Duskey, PE

Electrical Engineer

EDUCATION:

The Ohio State University B.S. Electrical Engineer - 1993

Marshall University
Graduate courses in Engineering

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in: West Virginia Ohio

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Wheeling, WV (2002 to present)

Pickering Associates Parkersburg, WV (1997-2002)

Magnetic Specialty, Inc. Marietta, OH (1995-1997)

Inland Products, Inc. Columbus, OH (1993-1995)

SUMMARY OF EXPERIENCE:

Mr. Duskey has 10 years of experience in the industrial, commercial, institutional, and educational markets with projects ranging from State Police detachment offices, electrical design of schools, health care facilities, large and small industrial projects, and commercial properties. He has extensive knowledge and experience with the National Electrical Code, state building codes, building industry standards and practices, and has demonstrated the ability to design qualitative and economic solutions to a myriad of challenges.

NOTABLE PROFESSIONAL EXPERIENCES:

Electrical Engineer

West Virginia Army National Guard - Mountaineer Challenge Academy at Camp Dawson in Kingwood, WV

West Virginia Army National Guard - Multi-Purpose Building at Camp Dawson in Kingwood, WV

Cabela's Eastern Distribution Center [New large (~1,000,000 SF) distribution center services, electrical design]

West Virginia State Building in Weirton, WV

West Virginia State Building in Logan, WV (LEED)

Panhandle Cleaning & Restoration warehouse and office building

Bennett Square Office Building

Dr Ganzer Office Building

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia University - Colson Hall (Upgrade electrical service, including medium voltage distribution, renovations)

WVU Institute of Technology - Maclin Hall (Upgrade electrical service, renovations)

WVU State Fire Training Academy in Jackson's Mill, WV

West Virginia Northern Community College - The Education Center (Upgrade electrical service, renovations)

Chapmanville Regional High School - Logan County Schools (New school service, electrical design)

WVSP Headquarters (Upgrade electrical service)

WVSP detachment in Berkeley County (Upgrade electrical service, renovations)

United States Postal Service - statewide post offices

Charles T. Moore, AIA

Quality Control

EDUCATION:

University of Texas Bachelor of Architecture - 1955

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

Registered Professional Engineer in: West Virginia Ohio

Member:

Texas

American Institute of Architects West Virginia Society of Architects

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Architect / Quality Control Wheeling, WV (1988 to present)

Deeter Ritchey Sippel Associates Architect Pittsburgh, PA (1982-1988)

William F. Pleva, Architects Architect Pittsburgh, PA (1981-1982)

Charles Moore, Architect Owner / Architect Crockett, TX (1969-1981)

SUMMARY OF EXPERIENCE:

Mr. Moore brings over 50 years of architectural experience to the job. His varied experience in the Architectural Profession creates economical solutions to our projects. In addition to his design skills, Mr. Moore is a very organized and experienced Quality Control Manager.

NOTABLE PROFESSIONAL EXPERIENCES:

Project Architect

Cameron High School Addition

Renovations to Bonar Hall West Liberty State College

Hazel-Atlas Building, West Virginia Northern College / Wheeling, WV

Coordinator of Engineering Services

NASA "Classroom of the Future", Wheeling Jesuit College / Wheeling, WV

Quality Control

West Virginia State Building in Logan, WV (LEED)

Marshall County Schools - Hilltop Elementary (LEED)

Marshall County Schools - Cameron Middle/High School (LEED)

West Virginia State Building in Weirton, WV

Panhandle Cleaning & Restoration warehouse and office building

Wheeling Island Casino - various projects

WV Independence Hall

Bennett Square Office Building

Cabela's Eastern Distribution Center

Marshall County Schools / multiple projects

WVU Colson Hall renovations/upgrade

WVU Institute of Technology - Maclin Hall

WVU State Fire Training Academy

West Virginia State Police - various projects

WVSP Headquarters

United States Postal Service - various projects

Grant County Schools / multiple projects - Maysville ES, Union Educational Complex

Wetzel County Schools / multiple projects - Long Drain ES, Magnolia HS, New Martinsville ES, WCCCF

Summers County Middle School

Deb Blakeman, NCIDQ #015070



Interior Designer

EDUCATION:

University of Charleston Bachelor of Arts, Interior Design - 1992

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

National Council for Interior Design Qualification: NCIDQ #015070

Associate Member:

The American Institute of Architects

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Charleston, WV (2004 to present)

HDMR Group Inc Charleston, WV (2000-2004)

Custom Office Furniture Charleston, WV (1994-2000)

University of Charleston Teacher Charleston, WV (1997-2000)

Interior Design Charleston, WV (1992-1994)

Freeland Furniture Company Charleston, WV (1981-1987)

Interior Reflections Logan, WV (1980-1981)

SUMMARY OF EXPERIENCE:

Deb Blakeman has 25 combined years of experience in the interior design field including residential, corporate facilities, banks, education and health care projects. She has knowledge and experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. As a professional designer, Deb Blakeman believes it is important to find the right balance between organizational and individual needs to increase productivity. Improving comforts through lighting and ergonomically sound furnishings will increase employer performance, and efficient spaces will organize work flow, decreasing communication barriers.

NOTABLE PROFESSIONAL EXPERIENCES:

Interior Designer

West Virginia University - Colson Hall

West Virginia University - State Fire Training Academy

WVU Institute of Technology - Maclin Hall

Marshall University / Robert C. Byrd Biotechnology Center (Interior Furnishing and Finishes)

Marshall County Schools - Hilltop Elementary School (LEED Registered Project)

West Virginia State Building in Logan, WV (LEED Registered Project)

H3 LLC - New office facility (possible Net-Zero Energy Building)

McKinley & Associates Charleston Area Office (2009 WV AIA Design Award winner)

Governor Wise, Governor Underwood, and Governor Caperton / Staff Offices (Furnishings, Finishes, and Space Planning)

Treasurer John D. Perdue / Unclaimed Properties Division (Space Planning and Furnishings) / Treasurer's Office and Staff Office (Window Treatments, Furnishings, Finishes, and Space Planning)

Sisters of St. Joseph - Convent / Assisted Living renovation project Braxton County Senior Center

Interior Designer / Sales

WV Graduate College (Furnishings)

WV Credit Union (Space Planning, Furnishings and Finishes)

Adjunct Professor

University of Charleston

Dana E. Womack, Jr.

Construction Administrator / Project Coordinator

EDUCATION:

Marshall University A.A.S. Occupational Development - 2005

PROFESSIONAL EMPLOYMENT:

McKinley & Associates Project Coordinator Charleston, WV (2009 to present)

RBS Construction Inc. Project Manager Nitro, WV (2007-2009)

Providence Construction Superintendent Teays Valley, WV (2007)

G&G Builders Superintendent-in-Training (2005-2006) Cement Finisher (2002-2005) Scott Depot, WV

United Parcel Service Preloader South Charleston, WV (1999-2002)

United States Air Force Security Forces (Sr. Airman) Tinker Air Force Base, OK (1996-1999)

SUMMARY OF EXPERIENCE:

Mr. Womack brings various knowledge to the Project Coordinator role; skills which included a cross-trained background of project management / coordination, on-site supervisor, administering contracts from start up to project close out, as well as field work as a cement finisher (work included the Western Regional Jail), preloader, and law enforcement officer. With credentials spanning across all aspects of construction, Dana has a unique ability to work with owner and contractor alike and get the project completed on time and within budget.

NOTABLE PROFESSIONAL EXPERIENCES:

Construction Administrator for:

West Virginia State Building in Logan, WV (LEED)
H3 LLC - New office facility building (Net-Zero Energy)
West Virginia State Police Academy Renovations
WVSP Logan Detachment
Brookview Elementary, Madison Middle, & Scott High - Boone
County Schools
Summers County High - Summers County Schools

Project Manager

Manage projects from Preconstruction meeting to project close out. Develop construction schedules, manage on-site personnel, coordinate with subcontractors and work with suppliers to ensure materials are delivered to the jobsite on time. Work closely with the architects and engineers to complete the projects on time, within budget and to the owner's satisfaction.

Southern and Southwestern Regional Jails
Montrose Elementary Elevator Addition
900 Christopher Street Structural Renovations
Putnam PSD New Maintenance Garage
Mine Health Safety Academy Bathroom Renovations

Superintendent

Role during projects was on-site supervisor for all aspects of job completion. Managed job site personnel, maintained a safe work place environment, and led the team toward job completion with proper time management.

Security Forces (Sr. Airman) - *Tinker Air Force Base, OK*Assistant Non Commission Officer In Charge of the Security Police
Armory. Security Police Officer, duties included guarding priority A,
B, and C aircraft and patrolling base as law enforcement officer.



WM. GABRIEL HAYS, ASLA

Hays Landscape Architectural Studio, Ltd.

POSITION

Principal (1997-Present)

EDUCATION

Bachelor of Science in Landscape Architecture, Ohio State University, 1994

REGISTRATION

Registered Professional Landscape Architect, Ohio #897, West Virginia #261, Pennsylvania #LA001738

ORGANIZATIONS

- American Society of Landscape Architects (ASLA), 1992-Present
- Downtown Ohio, Inc./Heritage Ohio Member, 1998-Present
- National Road Alliance, Inc., Board of Directors, 2000-2005, exofficio 2005 to Present
- Ohio Public Works, District 18 Natural Resource Assistance Council, Secretary, 2001-Present
- St. Clairsville Revitalization Task Force Member, 2005-Present
- Wheeling Symphony, Board of Directors, 2006-Present

SPEAKING ENGAGEMENTS

"Landscape Architecture of the Country Place Era Estates, 1890-1933" Oglebay Institute's Seven Sundays to Remember, 5/4/08.

"Comparison of English and French Landscape Design Styles 1600-1900." Flushing Garden Club 75th Anniversary, Flushing, Ohio, April 16, 2007

"Board Development & Revenue Master Planning," Mountwood Park Board Retreat, Waiverly, WV, March 10 & 11, 2007

"History of Landscape Architecture in the Ohio Valley" WVLY AM Radio, February 20, 2007.

"Point Marion, PA Community Design Team Visit" sponsored by West Virginia University, March 24 and 25, 2006.

"Cultural Landscapes: Scenic Byways and the Historic National Road," Restoration and Renovation Conference, Cleveland, Ohio, October 10, 2002.

"Avoiding Cookie Cutter Streetscape Designs," at Ohio Historical Society/Downtown Ohio, Inc., Conference, May 18, 2000 and Preservation Alliance of West Virginia, in Shepherdstown, WV, September 10, 2006.

"National Road Scenic Byway & Historic Preservation," at Ohio Univ. Eastern, *OUE Today* radio program, September 11, 2000.



Resource Team Visit for Downtown Lorain, Ohio, July 2000, in conjunction with Downtown Ohio, Inc.

Resource Team Visit for Downtown Steubenville, Ohio, October 2000, in conjunction with Downtown Ohio, Inc.

PUBLICATIONS

"Site Recycling for Public Enjoyment," in Discover Downtown: Ohio's Reference Guide to Downtown Revitalization, 2002.

CONTINUING EDUCATION

101 Green Roof Design: Introductory Training

201 Green Roof Design: Infrastructure-Design and Instruction

AWARDS

<u>Project B.E.S.T. Award</u> for Wheeling Heritage Port Phase III - December 6, 2006.

Community Service Award: "For outstanding dedication to the community of The City of St. Clairsville...An innovative and beautiful design for the Memorial Park Playground that provides a place for all our community's children to play." October, 10 2007

EXPERIENCE

Mr. Hays has accumulated a broad, diverse range of professional experiences in landscape architecture. Project involvement in over twelve states has included a variety of planning and design experiences at some of the finest botanical gardens, arboretums, and private estates in the nation. In addition, he has been involved in the planning and design for scenic byways, streetscapes, historical sites, campuses, community parks, military family and various residential projects. Furthermore. experiences at Redwood National Park, The Ohio State University Horticulture Department, and The Ohio State University Engineer's Office have also added to his diverse background. Mr. Hays earned top honors in the academic realm. After completion of his undergraduate program, he participated in studies abroad. Mr. Hays also has served as an adjunct faculty member at Belmont Technical College's Building Preservation and Restoration Program teaching a landscape history/preservation class and architectural drafting.



PHILIP COLE

Hays Landscape Architectural Studio, Ltd.

POSITION

Graduate Landscape Architect (2006- present)

EDUCATION

West Virginia University, Bachelor of Landscape Architecture, Minor in Geography, 2005

ORGANIZATIONS

- Community Design Team, Pt. Marion (2006)
- Treasurer of the St. Clairsville Revitalization Task Force Committee (2006 to present)
- St. Clairsville Rotary International (2007 to present)
- Student Society of Landscape Architects (SSLA)
- Treasurer of the Sigma Lambda Alpha Landscape Architecture Honor Society (Alpha Beta Chapter) (2004-05)
- Greene County Economic Development Steering Committee (2005-06)
- Adopt- A- Highway Pennsylvania Chapter (2006- present)

SPEAKING ENGAGMENTS

"Outdoor Classrooms," Bridgeport High School, February 16, 2007

EXPERIENCE

Prior to joining Hays L.A.S., Phil worked in cartography and illustration for the land and environmental division of Pennsylvania Services Corporation. In spring of 2005, he, along with two other classmates at West Virginia University presented a revitalization plan for the City of New Kensington, Pennsylvania as their senior project. Their efforts were awarded with a letter of commendation from the city along with a selection from the WVU faculty for a national competition submittal. Mr. Cole's work at Hays LAS, Ltd. includes managing several residential design projects and assisting in construction administration for Wheeling Heritage Port Phase III and Grand Vue Family Fun Center. Master Planning experience includes Wheeling Park Commission's Oglebay Resort Plan and Illustration.

[&]quot;Providing prestige in professional land planning and design."

Kanti S. Patel

Geotechnical Engineer

EDUCATION

B.E. Civil Engineering, Gujarat University, 1977

M.S. Civil Engineering, West Virginia University, 1979

PROFESSIONAL

REGISTRATION Licensed Professional Engineer in the following states and commonwealths:

West Virginia

Ohio Kentucky Virginia

YEARS OF EXPERIENCE

30

PROFESSIONAL AFFILIATIONS

National Society of Professional Engineers

American Society Of Civil Engineers

Association of Soils and Foundations Engineers

Association of Engineering Geologists

PROFESSIONAL EXPERIENCE

Mr. Patel has over 30 years of experience in the field of geotechnical engineering. He has been responsible for a wide variety of soils and foundation projects throughout West Virginia, Ohio, Virginia and surrounding states. His experience includes initiation, investigation, analysis, and design of classic geotechnical projects including residential, commercial, industrial facilities, and landslide stabilization.

He has performed and supervised a large variety of engineering projects including: School buildings, hospitals, office buildings, chemical facilities, motel building, shopping mall, roadways, air facilities and runways, and solid waste landfills. He has coordinated the drilling and soil laboratory analysis programs for large projects such as the Mt. Olive Prison site, Riverside High School, Embassy Suites Hotels, Holiday Inn Hotels, Ladely Tower. He is thoroughly knowledgeable of the soil and subsurface conditions in West Virginia, Virginia, Pennsylvania, Ohio, Kentucky, and Maryland. He has performed over 100 landslides study and stabilization project in West Virginia, Virginia, Ohio and Kentucky.

Joe H. Francis

Project Manager

EDUCATION:

A.A.S. (Associate in Applied Science) Majoring in Building Construction-1982

PROFESSIONAL

CERTIFICATION:

Certified Welding Inspector - American Welding Society

Certified Compaction Technician - WV Department of Highways Certified Concrete Technician - WV Department of Highways Licensed Asbestos Inspector - WV License # A1000564 Licensed Lead Inspector - WV License # P1000013

YEARS OF

EXPERIENCE:

25

PROFESSIONAL AFFILIATIONS

American Welding Society

PROFESSIONAL EXPERIENCE:

Mr. Francis has over 25 years of experience in the field of testing and inspection of construction materials. His experience includes inspection of shallow and deep foundation system (pipe piling, H-beam, timber piles, caissons, and auger-cast piling), soil compaction testing, concrete testing, concrete coring, structural steel inspection (bolt testing, weld inspection including ultrasonics, magnetic particle, dye penetrant, and visual inspection), boring inspector on various WVDOH projects, and various laboratory testing.

His responsibilities have included all phases of quality control on numerous large projects (airports, Army Corps of Engineers projects, prisons, schools, hospitals, commercial building, bridges, and roadways.

He has also worked for 15 years as manager of field laboratory services with over 19 employees.

Ryan D. Jackson

Project Manager

EDUCATION:

B.S. Ag. in Environmental Protection, West Virginia University, May 1997

M.S. in Environmental Science, Marshall University, Current

PROFESSIONAL

CERTIFICATION:

ASTM E 1527 - Phase I Assessment - 1998

ASTM E 1903 - Phase II Assessment - 2000

Wetlands Regulations in WV - 1999

Certified Compaction Technician - WV Department of Highways

Certified Environmental Inspector

YEARS OF

EXPERIENCE:

11

PROFESSIONAL

AFFILIATIONS:

Environmental Assessment Association

Certified Environmental Inspector

PROFESSIONAL

EXPERIENCE:

Mr. Jackson has over 11 years of training and experienced in the environmental field. His experience includes performance of numerous Phase I and II Environmental Site Assessments throughout West Virginia, Ohio and Kentucky, UST removal and tank pit closure to WVDEP specifications, site characterization, environmental sampling, and asbestos inspections.

Mr. Jackson has over 11 years of experience in the field of testing and inspection of construction materials. His experience includes inspection of shallow and deep foundation system (caissons and auger-cast piling), soil compaction testing, concrete testing, placement of stone base, boring inspector on various WVDOH projects, boring inspection on numerous geotechnical exploration project, and various laboratory testing.

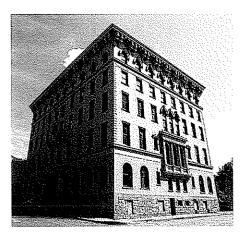
His responsibilities have included all Phases of quality control on numerous large projects (schools, hospitals, commercial buildings, bridges and roadways).

Corporate Information

Firm History

Founded in 1981, McKinley & Associates is a multi-discipline full service Architectural & Engineering firm, offering comprehensive professional services in architecture, engineering, Interior design and construction administration. We have a broad range of skill and experience for projects involving medical, educational, governmental, commercial, religious and recreational operations. In January 2007, McKinley & Associates established a partial Employee Stock Ownership Plan (ESOP), which is a benefit plan that gives our employees ownership of stock in our company. This is a contribution to the employee, not an employee purchase.





Firm Information David McKinley, PE

Principal

Tim Mizer, PE, RA
Director of Operations

Gregg Dorfner, AIA. REFP Director of Architecture

Brad Crow, PE, LEED AP Director of Engineering

Date of Incorporation

1981 Wheeling, West Virginia

Number of Professionals

Total Size	40-
Architects & Interns	12
Engineers	6
Project Coordinators	4
Quality Control	2
Arch./Eng. Designers	11
Interior Designer	1
MIS	1
LEED APs	4

Locations

Headquarters

The Maxwell Centre

Thirty-Two - Twentieth Street Suite 100

Wheeling, West Virginia 26003

P: 304-233-0140 F: 304-233-4613

Satellite Offices

Charleston Area Alliance Building

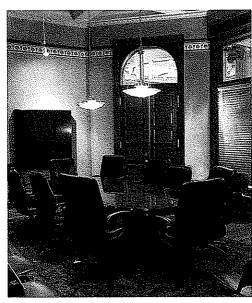
1116 Smith Street Suite 406 Charleston, West Virginia 25301

P: 304-340-4267 F: 304-340-4269

Washington Trust Building

6 S. Main Street Suite 1028 Washington, Pennsylvania 15301

P: 724-223-8250 F: 724-223-8252



Credentials

McKinley & Associates is a member of the following organizations:

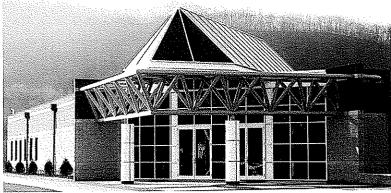
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA,

ASHRAE, ACI international



Qualifications

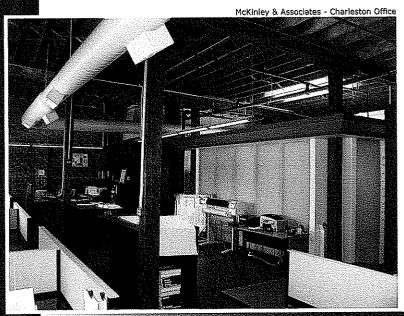
ounded in 1981, McKinley & Associates has become generally accepted as the largest A/E firm in West Virginia. We provided design services for projects representing more than \$100,000,000 annually in construction value. We have a broad range of skills and experience for projects involving medical, religious,



TeleTech National Call Center



Orrick Building



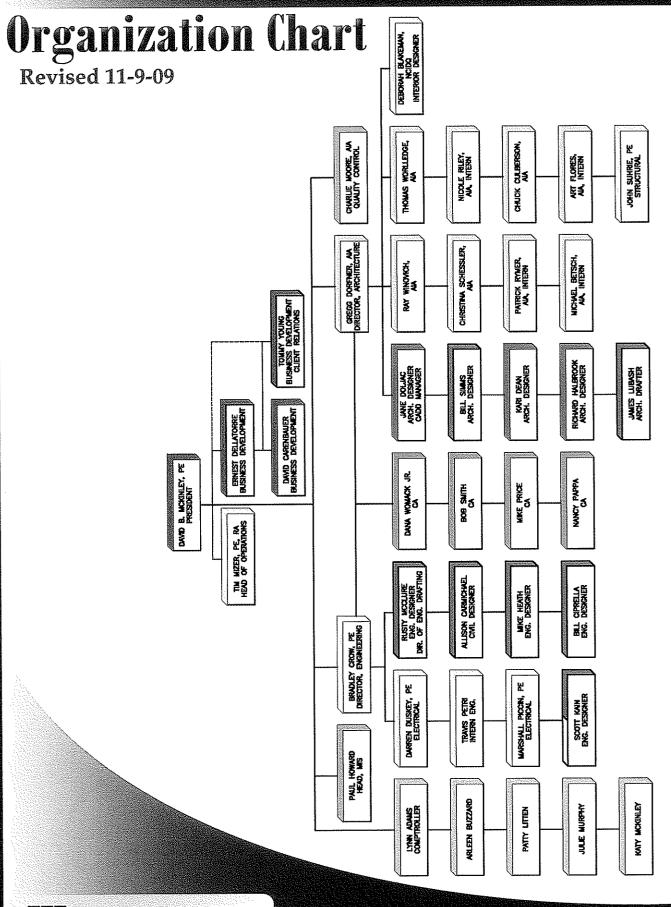
educational, government agencies, manufacturers, commercial and recreational operations, as well as developers. In the past 10 years our firm has been awarded 4 prestigious AIA Honor and Merit Awards for our works.

The McKinley experience in commercial projects include Corporate Office Complexes, Administration Buildings, High-Tech Business Parks, Maintenance Facilities, Flex Space Buildings, plus many more. We have vast office building experience in both new building and renovation projects.

Our services ranges from feasibility planning and concept design through construction administration. We understand that the success of commercial architecture is measured not just by architectural design alone, but also by the added considerations of all members of the design and development team.

A particularly important and integral part of commercial work is our understanding of the permitting process and agency procedures regarding zoning and building codes, traffic and parking requirements, and environment impact assessments.

Generally recognized as West Virginia's largest A/E firm, our 40+ person Professional staff includes: Architects; Civil, Electrical, Fire/Life Safety, Mechanical and Structural Engineers; Interior Designers and Educational Planners. We have provided professional services in all 55 counties of West Virginia.



Management & Staffing Capabilities

In the past 30 years we have extensive experience with similar projects. The technical depth of our professional staff indicates that this project can be accomplished without overloading our group or computer graphics systems. Our project team has been chosen for this project and they are available to dedicate the necessary time to this effort. We are available to start immediately upon our being selected. We can and will perform for you on time.

This team is an "In-House" team that works together everyday and has done most of the projects here as a group. These team members have been working up to fifteen years together at McKinley & Associates.

We hold weekly meetings to discuss your project, the budget, schedule and quality assurance. We provide Documented Minutes of all of our meetings and encourage the Owner to participate in these meetings.

Our Project Coordinators have an extra responsibility than what most firms' Construction Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the liaison between the Owner, Contractor, and Architect. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - as scheduled and as budgeted. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation if requested.

Our Eleven Month Walk-Through is a process where our professionals return to your facility eleven months after the project is completed. At that time they review all the work that was completed and check all warranties. We are making sure all of the covered work is in order and that the warranties do not expire with equipment or product not working properly. It should be noted that McKinley & Associates has been performing our eleven month walk-through for the past 12 years as part of our Standard of Care, and it only recently has been adopted as an AIA 101 Standard. We also conduct Post Occupancy Evaluations with the Owner to find out how well we matched the Owners' needs.

We also have an Interior Design department. Basic interior design services include determining the owner's project requirements, timetable and budget; analyzing space requirements; operating procedures; communication relationships; way finding (signage, directories, fire escape plan); furnishings and finishes; creating an inventory of existing conditions and determining future needs.



Quality Control

Quality control at McKinley & Associates, Inc. is a constant process which begins with the initial project activity and continues through document submissions, construction and owner occupancy. The longevity and size of the firm and our history of success completing complex and innovative projects is founded upon our commitment to this process.

During the design phases all personnel become fully versed in the client's program, project requirements and design standards. The design team is responsible for identifying for the client any potential conflicts between program criteria and design standards and resolving those conflicts to the client's satisfaction.

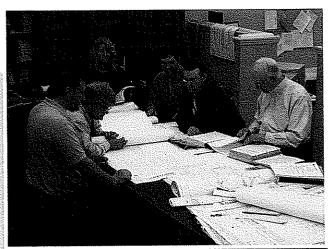
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance in the process.

Prior to the completion of each phase, a set of project documents is issued to each discipline and consultant for coordination, cross-checking and review. The following items are checked at that time:

- Drawings and specifications for program compliance.
- Drawings and specifications for internal coordination.
- · Cost effectiveness of the design.
- Drawing accuracy.
- Compliance with appropriate codes and client standards.

After coordination check corrections are completed, the project architect reviews the documents and compares the completed documents with check prints to verify that corrections have been made in accordance with the project design criteria. A final review is made by the principal-in-charge.

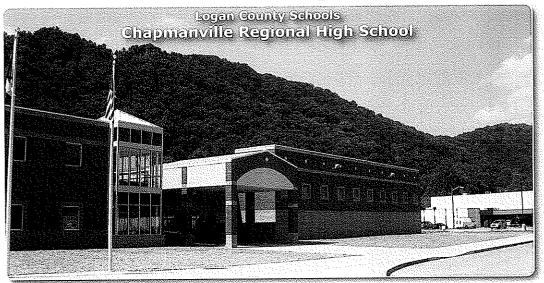
During the subsequent phases of design, all items are checked by persons other than those performing the daily design work in order to provide fresh insight. Prior to the final release of the documents, revisions are checked by the project manager and appropriately referenced on the drawings. Copies of the final documents are distributed to the client and consultants for final review and approval. Comments are incorporated into the documents prior to issuance for bidding and construction.



Bid documents are issued after a final check to verify that all bid packages have current revisions included and are appropriately identified. Bid sets are numbered and registered to bidders so that each bidder may be kept informed of clarifications and addenda.

During the construction, the processing of shop drawings and submittals is controlled and monitored by the project manager. The standard turnaround for the receipt, logging, review and return of submittals is 10 working days. Complicated or specialized submittals may require additional time. Urgent items can often be expedited to satisfy the construction schedule.

Cost Effective Design



- Most Cost Effective New School Design in the Past 4 Years
- CRHS's final price ~ \$158.41/SF source: SBAWV (includes site development, building construction, and all FF&E)
- New High School State Average in 2005 ~ \$188.26/SF
- 138,500 Square Feet
- Total Non-Owner Change Orders 0.65%



- SBA's 2009 Limit on New Elementary School Design ~ \$217/SF
- Hilltop Elementary's final price ~ \$167/SF (includes site development, building construction, and all FF&E)
- 49,700 Square Feet
- Total Non-Owner Change Orders 0.83%
- Construction complete with potential LEED Silver Certification

Interior Design

B asic interior services begin with a strategy session designed to determine the owner's project requirements, timetable and budget.

The interviews will include analyzing space requirements, operating procedures, communication relationships and future needs. Inventory of existing conditions are used to develop accurate drawings and plans.



National Council for Interior Design Qualification

Application of current ADA and building codes will be applied to the developed plans for way finding (signage, directories, fire escape plan), furnishings and finishes. Attention to budget and maintenance is given in relationship to owner needs.

> Construction documents required to detail the project include schedules, elevations, plans, presentation boards and specifications.

> > To maintain coordination, the follow up contract administration consists of submittal review, post construction evaluation and coordination of FF&E contracts when applicable.



Deb Blakeman, NCIDQ #015070, is knowledgeable and has experience with application of ADA regulations, ergonomic standards, state building code and industrial standards as they apply to interior furnishings, space planning and finishes. Improving comfort through lighting and ergonomically sound furnishings will increase employee performance. Efficient spaces aid in organization, and work flow, by decreasing communication barriers.

Construction Administration & On-Site Representation

Observe the Construction Progress

Liaison between the Owner, Contractor, and Architect

Responsible for All Construction Meetings and Minutes

Monitor the Construction Schedule

Ensure that the Contractor is Following the Construction Documents

Verify Pay Application and Change Orders

Typically On-Site Once Every Two Weeks (Provide Additional On-Site Representation if Requested)



Our Project Coordinators have an extra responsibility than what most firms' Construction
Administrators have; our Project Coordinators are a part of the design process from Day 1 (they are not thrown into the project only when construction starts; they are here from the beginning), so they know the ins-and-outs of the project. Our Project Coordinators have an important role as being the liaison between the Owner, Contractor, and Architect. The primary objective of the Project Coordination services is to ensure completion of work the way the client wants it - as scheduled and as budgeted. Our Project Coordinators evaluate the quality of the work to verify that it meets the level required by clients; in addition, they monitor the contractor's progress to ensure that they are following the Construction Documents. They observe the construction progress, are responsible for all construction meetings and minutes, and they verify pay application and change orders. The Project Coordinator is typically on-site once every two weeks, but we can provide additional on-site representation

if requested.



Sustainable "Green" Design

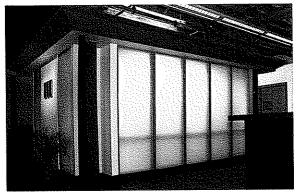
Is uildings designed today will need to meet the demands of the future; McKinley & Associates identifies the changes necessary in the design of today and to meet these demands. This approach helps to retain the buildings' long-term profitability and value, which achieves the buildings' sustainability.

McKinley approaches ecological design from a business perspective, offering proactive solutions to complex problems such as indoor air quality, energy efficiency, resource depletion, and water quality. With commercial and institutional project experience, the McKinley Team can work alongside local designers to provide sustainable design and construction guidance. We also offer full architectural design services and guided design workshops on sustainable design issues.



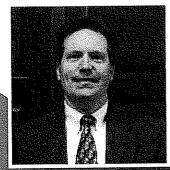
McKinley and Associates has been honored to have won some very notable awards and to have received some very prestigious nominations over the years. We recently won a West Virginia Chapter of the

American Institute of Architects 2009 Merit Award for our newly renovated Charleston Office; a project led by Thom Worlledge.



View of our award-winning Charleston Office renovation showing our centrally located conference room "Lantern." This glows all day long through the translucent walls, which are illuminated with natural daylight from a skylight above.

LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC) is the nationally accepted standard for the design, construction, and operation of high performance green buildings. LEED recognizes that sustainable design requires a team approach to achieve the desired goals, and we have LEED Accredited Professionals (LEED AP) in both the architectural and engineering fields. We have 4 LEED Accredited Professionals on staff along with our skilled architectural/engineering team to efficiently and cost effectively achieve certification under this standard or we can guide you through the process in order to develop sustainability goals specific to your project.



LEED AP

Thomas R. Worlledge, AIA, LEED AP, REFP has been a member of the USGBC since 2001. He was the first LEED Accredited professional in the state of West Virginia and has served on the committee that sets the standards for the international energy code.

LEED® & Net-Zero Energy

We have 4 LEED Accredited Professionals on staff (including the Project Manager for your proposed project) in both the architectural and engineering fields:

Michael S. Betsch, LEED AP Bradley A. Crow, PE, LEED AP Christina Schessler, AIA, LEED AP Thomas R. Worlledge, AIA, LEED AP, REFP (Project Manager)

Our LEED Registered Projects are (LEED Rating System in parentheses):

Bellann in Oakhill, WV (LEED EB O&M)

Cameron Middle School/High School in Cameron, WV (LEED for Schools 2.0) Hilltop Elementary School in Sherrard, WV (LEED for Schools 2.0) West Virginia State Office Building in Logan, WV (LEED NC 2.2)

All 4 of our LEED Registered Projects are either under construction or under design with potential **LEED Certification** (Bellann) or potential **LEED Silver Certification** (Cameron Middle School/High School, Hilltop Elementary School, and the West Virginia State Office Building).

Furthermore, besides our LEED experience, we are also currently designing H3 LLC's new office facility in Milton, WV as a **Net-Zero Energy Building.** If we achieve the goal, it will be **one of only 9 Net-Zero energy projects in the country!** Here is a summary on Net-Zero Energy Buildings:

"In general, a net-zero energy building produces as much energy as it uses over the course of a year. Net-zero energy buildings are very energy efficient. The remaining low energy needs are typically met with on-site renewable energy."

- source:

U.S. Department of Energy website





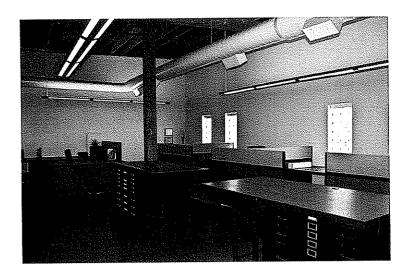
McKinley & Associates Charleston Office

AIA West Virginia 2009 MERIT AWARD FOR EXCELLENCE IN ARCHITECTURE

Besides the paint, what makes this office "green"?

McKinley & Associates has been practicing "green" for years and has won awards for converting unused warehouse space into striking modern office buildings. One of the best ways to build green is to adapt an existing building; twenty percent of a building's energy consumption is embodied in the building's physical structure itself.

We recently won a West Virginia Chapter of the American Institute of Architects 2009 Merit Award for our newly renovated Charleston Office. The first thing you will notice is we left most of the existing structure exposed; this minimizes the amount of new materials required to define the space and allowed us to utilize some special features. For example, our centrally located conference room "Lantern" glows all day long from natural sunlight from above. This room's ceiling acts as a reflector, bouncing natural light throughout the space.



In addition to reusing the space, we also reused doors to make all of the desks, workstations and conference table. The top of the dividers is made from "Homosote", a board made from 100% recycled newspapers and covered with a fabric made from 100% recycled polyester. An office full of unique, durable office furniture for less than $1/10^{th}$ of the cost of standard modular furniture is another advantage.



The office chairs are new, but the "Zody" chair by Haworth is the first chair to be Cradle to Cradle Gold Certified. This certification means that the manufacturer will take back the chair at the end of its useful life to disassemble and make a new chair, completing the cycle.

Yes, the paint on the walls is green, but it also has very low volatile organic compounds (VOC's) which keeps the air we breathe cleaner, and contains an anti-microbial which inhibits the growth of mold and mildew.

Most of the floor we chose to clean and seal with water based polyurethane, leaving the natural distressed state of the floor. The remainder of the space, we used a carpet tile by LEES which minimizes waste, has 35% recycled content and is Green Label Certified, meaning it meets stringent indoor air quality requirements.

The window blinds allow the control of glare while maintaining the view and minimizing heat gain. The direct/indirect lights are controllable so we can adjust the amount of electric lighting dependant on the amount of natural light coming in from the windows and the skylight. Even the bowl on the conference room table is recycled from the original fire bell that

used to be on the exterior of the building.



Government-Funded Experience

cKinley & Associates has extensive design experience in a variety of federally funded projects ranging from HUD-Housing projects to the DOD- Air Force F-16 jet fighter heat shields to NASA's Classroom of the Future.

The following are the federal agencies we have designed for in the past:

NATIONAL AERONAUTIC AND SPACE ADMINISTRATION

UNITED STATES POSTAL SERVICE

DEPARTMENT OF DEFENSE

VETERANS ADMINISTRATION

ECONOMIC DEVELOPMENT ADMINISTRATION

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

FEDERAL AVIATION ADMINISTRATION

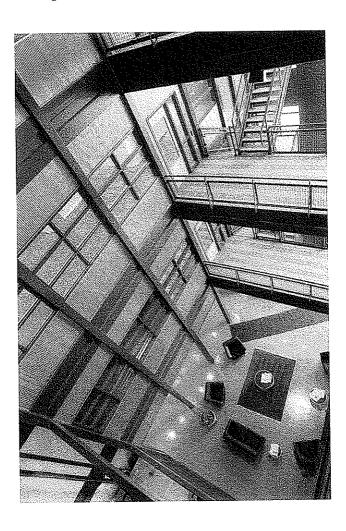
MINE SAFETY AND HEALTH ADMINISTRATION

This list represents a brief history of some of the more current projects:

UNITED STATES POSTAL SERVICE State of West Virginia

Designed over 100 Post Offices throughout West Virginia for ADA compliance. We currently are under two open-ended contracts with USPS and provide design services all over West Virginia. We have designed over 15 other building and engineering projects both new and addition / rehabilitation in numerous cities in West Virginia.

We have also provided Services to the State of West Virginia, the State of Ohio, and to the Commonwealth of Pennsylvania. We have completed work for numerous counties and cities throughout these states.



NASA / WHEELING JESUIT COLLEGE "CLASSROOM OF THE FUTURE" Wheeling, West Virginia

A 45,000 SF high-technology center, where we were responsible for all engineering design. Work included mechanical, electrical, structural and civil engineering.

Government-Funded Experience

STATE BUILDING Weirton, West Virginia

Incorporated a state of the art multi governmental agency into one using 39,500 SF space with the cost of \$4 million to building. Work included master plan and all architectural and engineering components.

WEST VIRGINIA HIGH-TECH CONSORTIUM Fairmont, West Virginia

Engineering of a 3 building complex in Fairmont, West Virginia. Is the home to many technology firms. Total project size 77,000 SF.

DEPARTMENT OF DEFENSE, UNITED STATES AIR FORCE Ogden, Utah

Reverse engineering of the F-16 fighter jet heat Shield. Worked directly with Hill Air Force Base in Ogden, Utah. Had them manufactured at West Virginia's Follansbee Steel.

MARSHALL COUNTY COMMISSION Marshall County, West Virginia

Work included a new Magistrates Building. Project includes new offices, courtroom and hearing rooms in a secure environment.

NATIONAL TECHNOLOGY TRANSFER CENTER / WHEELING JESUIT UNIVERSITY Wheeling, West Virginia

85,000 SF, high-technology center.

Responsible for engineering
element. Designed in
conjunction with WTW
of Pittsburgh.

OHIO COUNTY AIRPORT MASTER PLAN Ohio County, West Virginia

Prepared a master plan study for the Ohio County Commission regarding future use of adjacent land around the Wheeling - Ohio County Airport. Work included proposed building sites as well as road circulation.





Government-Funded Experience

DEPARTMENT OF HOUSING & URBAN DEVELOPMENT Numerous locations

We have worked with the HUD funding and review process in the design and construction of housing and modernization and ADA projects:

\$11.1 million Hope VI neighborhood project.

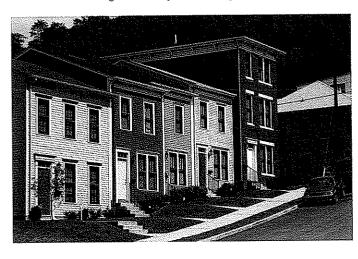
Over 138 homes designed and constructed on two sites.

\$1 million modernization project for the Moundsville Housing Authority

2.5 story elderly housing projects, responsible for all engineering

Rehabilitation of a historic building for Northwood Health Systems

Numerous renovation and site development projects for the Wheeling Housing Authority, Benwood Housing Authority, McMechen Housing Authority, Fairmont Housing Authority and Morgantown Housing Authority.



VETERANS ADMINISTRATION Numerous Locations

PITTSBURGH, PA

Central Computer Facility
Fire Suppression System
Mechanical Equipment Modifications

CLARKSBURG, WV

Door replacement program

BECKLEY, WV

Central Computer Facility Nurses Station Veterans' Hospital Same Day Surgery Suite Oncology Addition

HUNTINGTON, WV

Medical Vacuum System



West Virginia State Building

Logan, West Virginia

Owner State of West Virginia

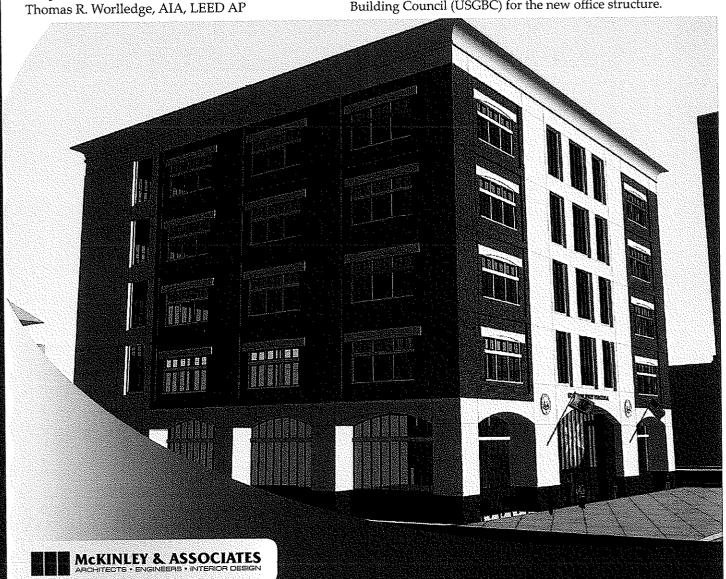
Size 50,000 SF approx.

Construction Cost \$12 million

Project Architects-Engineers McKinley & Associates

Project Architect Thomas R. Worlledge, AIA, LEED AP We are nearing completion of the design phase on this \$12 million project for the West Virginia General Services Division. This 5 story, 50,000 SF (not including

basement area) State Office Building is intended to consolidate office space of state agencies currently located in Logan, West Virginia as well as provide moderate space for future customers. This office building will be part of a new generation of State office buildings that will provide flexibility for future growth and/or office renovations and be cost effectively adaptable when relocating other agencies into the space. The State of West Virginia has chosen to try and achieve a silver Leadership in Energy and Environment Design (LEED NC 2.2) rating as awarded by the US Green Building Council (USGBC) for the new office structure.



West Virginia State Building

Weirton, West Virginia

Owner State of West Virginia

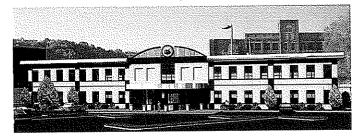
Size 39,500 SF

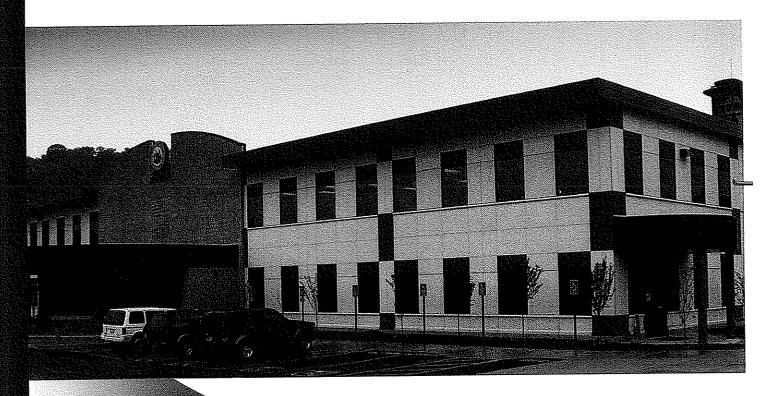
Construction Cost \$4 million

Project Architects-Engineers McKinley & Associates

Project Architect Gregg Dorfner, AIA

Contractor Walters Construction Architectural and Engineering
design on a new building in the Weirton
Municipal Plaza in Weirton, West Virginia.
This two story art-deco style building houses 6 state
agencies: the Division of Motor Vehicles, the Bureau
of Employment Programs, Rehabilitation Services, the
Lottery Commission, the Department of Health and
Human Resources, and the Work Force Investment
Board. Construction was completed in 2006.







TeleTech National Call Center

Moundsville, West Virginia

Owner TeleTech Corporation

Size 58,000 SF

Construction Cost \$9.5 million

Project Architects-Engineers McKinley & Associates

Project Architect David B. McKinley, PE

Contractor
Walters Construction



This project had a 6 month time frame. The final building came in on time, on schedule, and on budget.



Architectural and Engineering design on a new commercial building to serve as a National Call Center in Moundsville, West Virginia. The building measures 58,000 SF. Included in the structure are the following: sophisticated computer and communication systems with over 450 stations, 500 employee parking spaces, cafeteria, office and training rooms along with calling areas. The call center became a prototype for all of the company's buildings.



Panhandle Cleaning and Restoration warehouse and offices

Triadelphia, West Virginia

Owner

Panhandle Cleaning & Restoration

Size

32,000 square feet including the 6,400 SF 2-story mezzanine

Construction Cost \$3.5 mil.

Project Architects-Engineers McKinley & Associates

Project Architect Christina Schessler, AIA, LEED AP

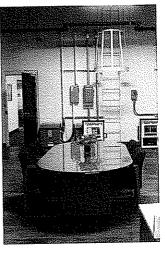
Panhandle Cleaning & Restoration invested \$3.5 million in a new prefabricated metal building. The exterior measures 130'x200', which includes a 6,400 SF 2-story mezzanine within the structure, providing 32,000 total warehouse square feet. The exterior walls are finished with masonry infill and metal siding. Interior space varies between 20' - 30' clear of the metal structure. The free-standing masonry area with a conventionally framed

platform above it provides an additional storage area enabling the Owner to take advantage of the 2 ½ story clear height along one end of the warehouse. An additional prefabricated 8,600 SF, 2-story office building is attached to the warehouse along the high side of the warehouse.

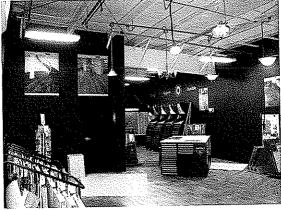
Panhandle provides disaster clean-up services and therefore required some special plumbing and mechanical systems: a separate de-ionizing water system, fully exhausted ozone decontamination rooms and electronic

equipment drying areas were engineered into the warehouse space.













Cabela's **Eastern Distribution Center**

Triadelphia, West Virginia

Owner Cabela's

Size 1.2 million SF (includes phases I & II)

Construction Cost \$40 million

Project Architects-Engineers McKinley & Associates

Project Architect Gregg Dorfner, AIA

Contractor

Architectural and Engineering design on a new commercial warehouse for Cabela's Eastern Distribution Center in Triadelphia, West Virginia, that was completed in two fast-tracked phases. The building measures 1.2 million square feet (600,000 SF for each of Phase I and Phase II), and is one of the largest buildings in the State of West Virginia. Included in the structure are the following: hundred of trailer parking spaces, 750 employee parking spaces, 90 loading docks, an administrative

office building, a 12,000 SF employee lunch room and storage area.











Triadelphia, West Virginia

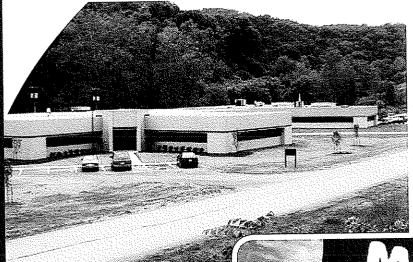
Owner

Ohio Valley Industrial & Business Development Corporation

Project Architects-Engineers McKinley & Associates

Project Architect Charles Moore, AIA

Contractor Grae-Con Construction



McKinley & Associates is proud to have participated in creating these state of the art facilities.

The Millennium Centre is 20-acre technology park located along Interstate 70. One of the main tenants in this advanced industrial park is Touchstone Research Laboratory.

ennium



Wagner Building

Wheeling, West Virginia

Owner The Maxwell Partners

Size 60,000 SF approx.

Construction Cost \$6.2 mil.

Project Architects-Engineers McKinley & Associates

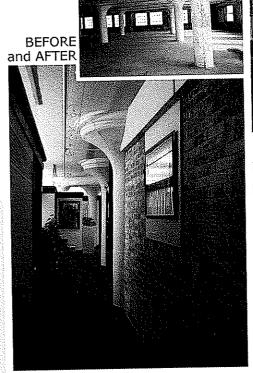
Project Architect Gregg Dorfner, AIA

Contractors Pat R. Ionadi Corp. & Davison Electric Our firm has provided all of the architecture and engineering services as well as working within the Standards of the Department of Interior for this 7-story 60,000 SF structure.



Located in the midst of the renaissance of downtown Wheeling, the historic Wagner Building is listed on the National Register of Historic Places and is the centerpiece of the new 10-acre Celoron Plaza Office Park.

This seven-story office tower dominates the waterfront skyline and affords tenants incredible and unsurpassed panoramic views of the majestic Ohio River.









Orrick Building

Wheeling, West Virginia

Owner Orrick Corporation

Size 88,000 SF approx.

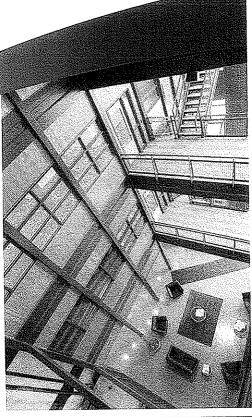
Construction Cost \$8 million

Project Architects-Engineers McKinley & Associates

Project Architect David B. McKinley, PE

Contractors
John Russell Construction

This four-story, 88,000 SF former historic warehouse is now "Class A" office space in downtown Wheeling. The building houses the international law firm Orrick. This 100 year old warehouse was renovated to create some of the most creative office space in the State. Architecture and engineering design was completed in-house and included structural, mechanical, civil, electrical and fire suppression systems. The project cost was in excess of \$8 million dollars and won the AIA Merit Award.



Security for the facility was to be comparable to the rest of the firm's nation-wide facilities. It should not appear fortress-like. The security system included:

- 1. Card access system that allows single card with multiple-levels of access programmed into that card is desired.
- 2. The firm currently uses cards that are Motorola based. A local vendor will likely have similar franchise and we will work towards intent and quality, not brand.
- 3. There will not be a full time receptionist, especially upon initial opening.
- 4. Card reader access is required at front door, NOC, elevators, loading dock, stairs, and other sections to be developed.

front door.

- Glass break and/or motion detectors are required on the ground level.
 - 6. An intercom will be required at the front door.
 - 7. Security cameras were placed at the loading dock, rear parking lot, and







Maxwell Centre

Wheeling, West Virginia

Owner The Maxwell Partners

Size 51,000 SF approx.

Construction Cost \$2.3 million

Project Architects-Engineers McKinley & Associates

Project Architect Denis Gill, AIA

Contractors
Walters Construction

The Maxwell Centre
is now Wheeling's premier business
address. In just over a year, this former YMCA
facility is the home for over 100 professionals in two law
firms, an accounting company, and McKinley & Associates.
Dedicated to saving the past and long known as one of the state's
leading historic preservation firms, McKinley & Associates led the way for
this total renovation and restoration of a 1908 structure. The Maxwell Centre
represents the firm's latest effort in protecting the historic fabric of Wheeling.



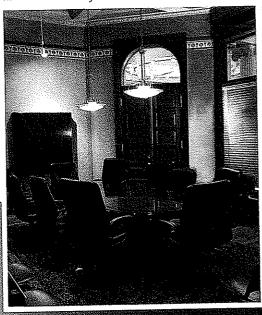
BEFORE and AFTER

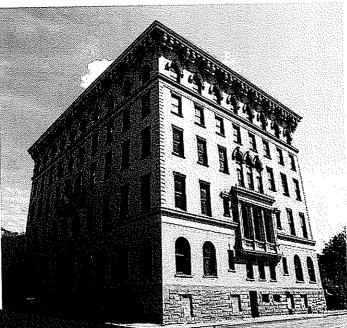


Work on this five story building included researching the architectural past as well as all new systems, including; mechanical, electrical plumbing and fire and life safety. A

electrical, plumbing and fire and life safety. All design work and construction administration was completed by our firm. It was recognized and awarded by the Friends of Wheeling and the AIA West Virginia Chapter.









Dr. Ganzer Office Building

Wheeling, West Virginia

Owner Dr. Greg Ganzer

Size 15,000 SF

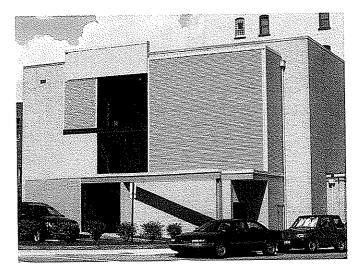
Construction Cost \$1.5 mil. approx.

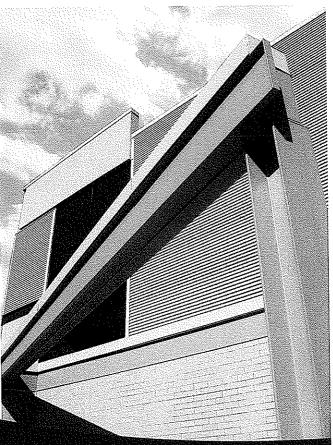
Project Architects-Engineers McKinley & Associates

Project Architect Ray Winovich, RA

Contractors
Cattrell Companies

A complete renovation was performed on an old YMCA Building purchased by Dr. Ganzer. McKinley & Associates were responsible for all Architecture and Engineering Design and Contract Administration on this 15,000 SF Medical Office Building. The \$1.5 million project included a Medical Spa and Cosmetic Center, Medical Offices for Dermatology Practice, Exam Rooms, Treatment Rooms, a Nurse's Office and a Doctor's Office to name a few.







West Virginia State Police

Owner West Virginia State Police

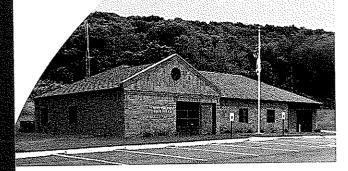
Construction Cost

These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers McKinley & Associates



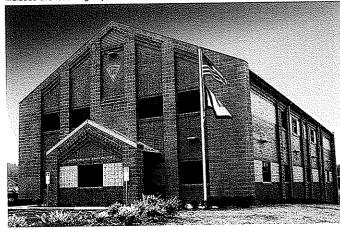
A new detachment in New Cumberland, West Virginia included the following departments: DMV, MVI, BCI & regular squad space.



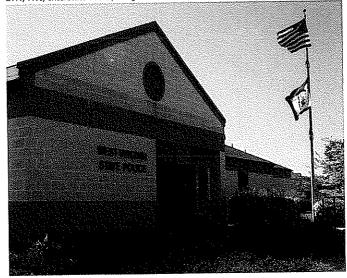
Architectural and Engineering design for **new addition and renovations** to the detachment in **Pendleton**, **West Virginia**. Included in the structure are the following departments: DMV, BCI, 911, & regular squad space.



The 11,721 SF new detachment in Morgantown, West Virginia included the following departments: DMV, MVI, BCI & regular squad space.



New detachment in **Wheeling, West Virgini**a includes the following departments: DMV, MVI, Interstate Patrol, Drug Enforcement, BCI & regular squad space.



For the past 10 years, we have been honored to have multiple open-ended contracts with the WVSP. We have completed architectural and engineering design services on new detachments in Morgantown, Wheeling and Berkeley, West Virginia to name a few. Moreover, we also have completed numerous renovations as well as additions on police detachments throughout the State.

McKinley & Associates is proud to showcase continuous work for the West
Virginia State Police throughout our region, and we are pleased to
say that we have also surveyed, reviewed, projected,
budgeted, and documented 72 police facilities
throughout the state.



United States Postal Service

Owner United States Postal Service

Construction Cost

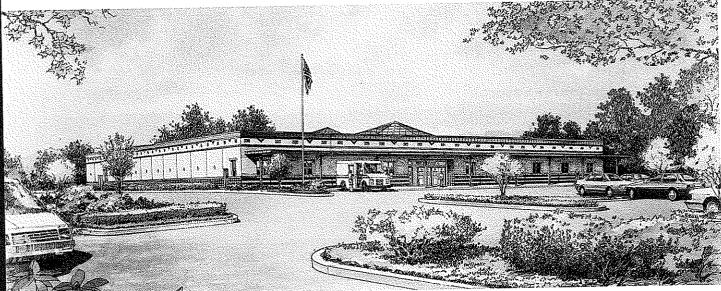
These projects were completed under a multi-year open-ended agreement

Project Architects-Engineers McKinley & Associates









McKinley & Associates has designed over 100 Post Offices throughout West Virginia for ADA compliance. We currently are under our second multiple year open-ended contract with the United States Postal Service and we provide design services all over West Virginia. We have designed over 15 other Post Office facilities and engineering projects for the USPS, both new and addition / rehabilitation, in numerous cities within West Virginia.

In addition to West Virginia, we also have an open-end agreement for the USPS Erie/Pittsburgh District in Pennsylvania.



Mountaineer Challenge Academy WV Army National Guard

Kingwood, West Virginia

Owner WV Army National Guard

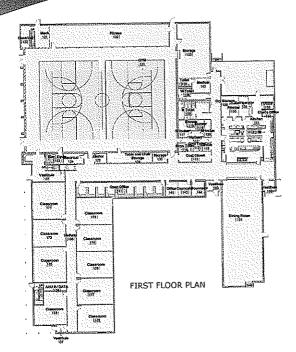
Size 54,800 SF approx.

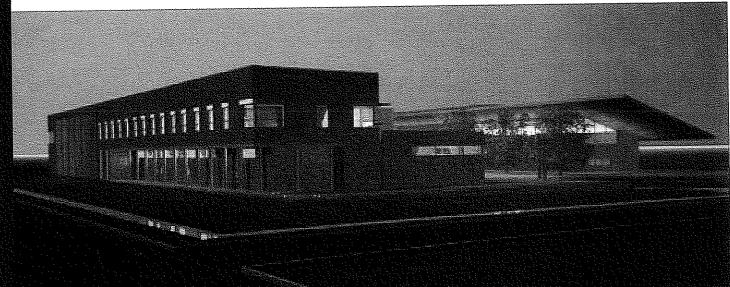
Construction Cost \$12.7 million

Project Architect Hamid Noughani

Project Engineers McKinley & Associates

Currently under construction is the Mountaineer Challenge Academy, located at Camp Dawson in Kingwood, WV. Our involvement in this project includes MEP engineering and contract administration. The building program includes staff offices, counselors offices, support staff areas and a medical assistance space to accommodate the needs of the student residents.





The residents require classrooms, an exercise area and a full service kitchen with dining facility; these spaces will house 160 young adults living at Camp Dawson as part of the Challenge Academy. The gymnasium will accommodate physical activity, weight training and serves as the central hub of the complex. Drill exercises and formations as well as graduation ceremonies will be held here.



Multi-Purpose Building at Camp Dawson WV Army National Guard

Kingwood, West Virginia

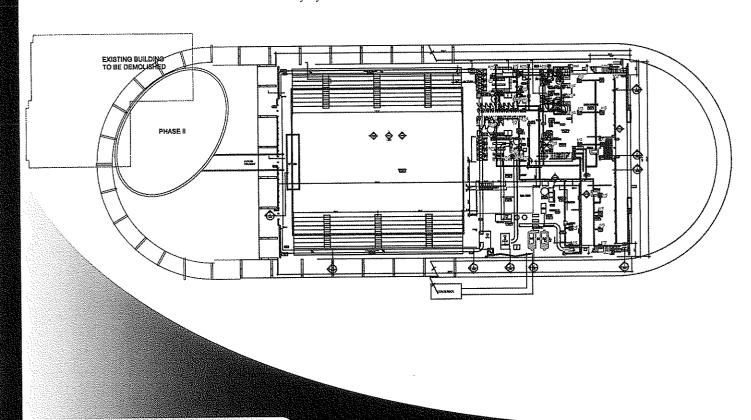
Owner WV Army National Guard

Size 55,000 SF approx.

Project Architect Hamid Noughani

Project Engineers McKinley & Associates The mission of the Multi-Purpose Building at Camp Dawson is a permanent multi-use masonry steel-framed structure with supporting facilities for military units of the West Virginia Army National Guard. The facility is located in Kingwood, Preston County, WV. The building's design was completed in 2009.

The facility houses offices, a conference room, a locker room, shower facilities, a physical fitness area, and a large open space (gymnasium). The facility and grounds include parking, attached and detached storage, landscaping, security lighting and fencing, and a unique entry. This project was designed with energy recovery systems.





Wheeling Island Fire Station Wheeling, West Virginia

Owner City of Wheeling

Size 8,000 SF approx.

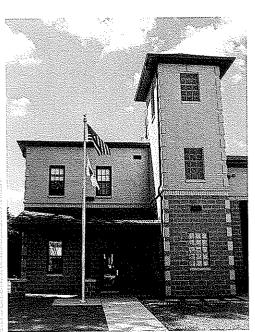
Construction Cost \$1.3 mil.

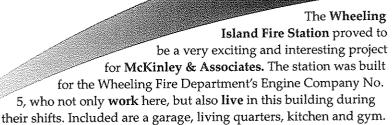
Project Architects-Engineers McKinley & Associates

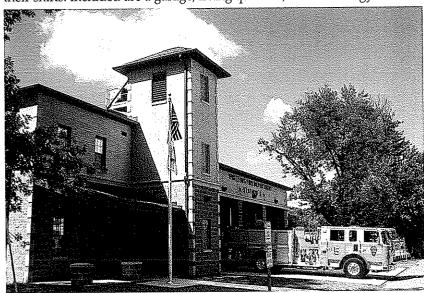
Project Architect Christina Schessler, AIA, LEED AP

Contractor Walters Construction











State Fire Training Academy West Virginia University

Wheeling, West Virginia

Owner

West Virginia University

Size

25,752 square feet including the 8,300 sq. ft of the Arena

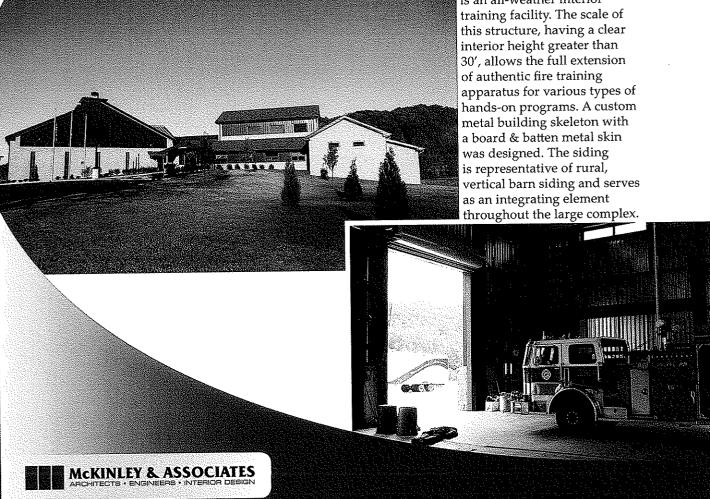
Construction Cost \$4.5 mil.

Project Architects-Engineers McKinley & Associates

Project Architect Christina Schessler, AIA, LEED AP The West Virginia State Fire Training Academy is located near the Jackson's Mill 4-H Campus in Lewis County, WV. Because of the proximity to this state historic site, the design directive given by the Owner was to blend into the rural community. The exterior brings to mind a barn set into the sloping terrain in an agricultural setting.

There are two major components to the building; the first of these is the Classroom Wing. It contains a distance learning facility, a conference room, plus two other connected instructional spaces that allow for a range of class sizes. The administrative area is private but easily accessible from all classrooms.

The second component, the 8,300 square foot Arena, is an all-weather interior training facility. The scale of this structure, having a clear interior height greater than 30', allows the full extension of authentic fire training apparatus for various types of metal building skeleton with a board & batten metal skin was designed. The siding is representative of rural, as an integrating element



Wheeling Park High School Bus Loop

Ohio County Schools
Wheeling, West Virginia

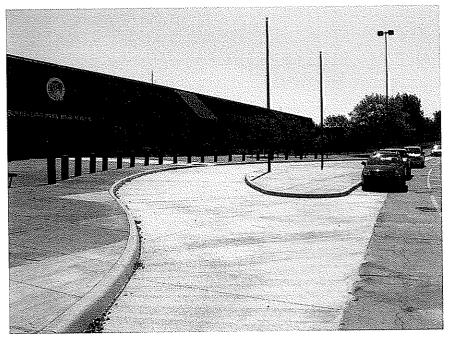
Owner **Ohio County Schools**

Construction Cost \$125,250 approx.

Project Architects-Engineers McKinley & Associates

Contractor Savage Construction

Ohio County Schools requested a new separate traffic lane for school bus traffic for Wheeling Park High School. The project consisted of concrete demolition work, pavement stripping, a heavy duty concrete lane installation, a concrete walk and concrete full depth curb, the installation of precast bollardtype vehicle security barriers, and the reinstallation of 2 flag poles.







South Plaza WV Northern Community College

Wheeling, West Virginia

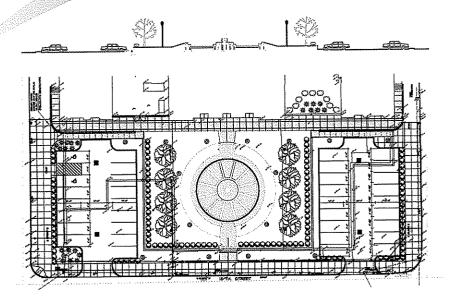
Owner

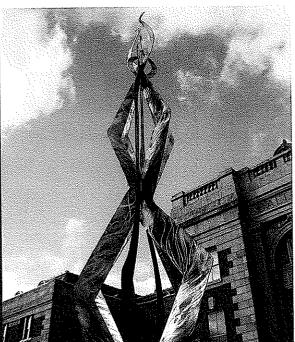
West Virginia Northern Community College

Project Architects-Engineers McKinley & Associates

Project Architect Denis Gill, AIA

Contractor
Walters Construction





The South Plaza includes newly constructed parking areas and a landscaped gathering place for students and pedestrians in Ohio County, West Virginia.

The scope of work involved taking an old vacant lot behind the main classroom building and cleaning it up by removing old stone footing, column pieces and foundations. The plaza use



was to incorporate a space for students to congregate and an area for parking cars. A gathering area was placed in the center of the lot and parking areas were placed on each side. The plaza area was raised above the parking area to give it more dominance of the space.

Construction was completed in September of 2006, and the finished plaza is an enhancement to this property.



Hilltop Elementary School

Marshall County Schools

Sherrard, West Virginia

Owner Marshall County Schools

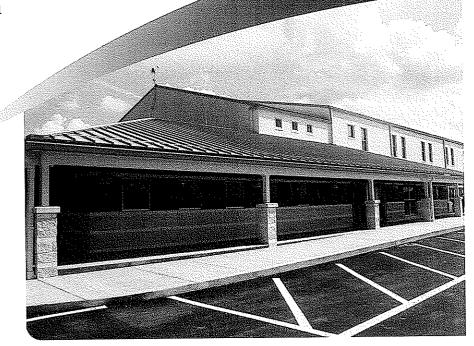
Size 49,700 SF approx.

Construction Cost \$8.4 million

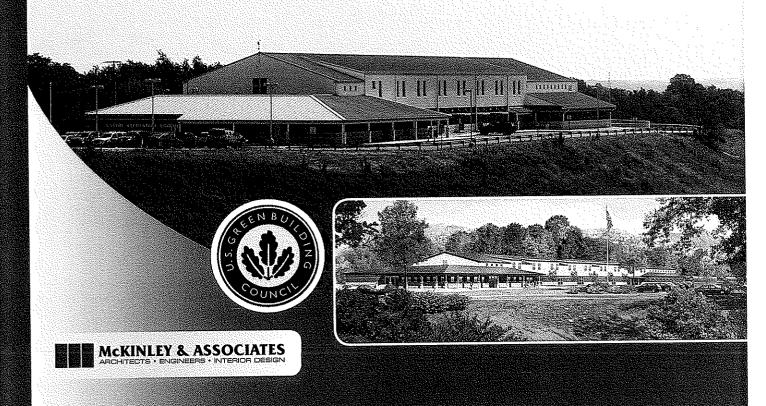
Project Architects-Engineers McKinley & Associates

Project Architect Thomas R. Worlledge, AIA, LEED AP

Contractor
Grae-Con Construction



This project for Marshall County Schools is nearing completion and has been under construction with potential LEED Silver Certification. For one, a lot of time was spent researching LEED-approved furnishings, finishes, etc. to make the interior energy conservation aspect a success. In addition, this school has been designed with cost effectiveness in mind; the School Building Authority's 2009 Limit on New Elementary School Design is \$217/SF, but Hilltop Elementary's final price is less than \$170/SF. This school is 49,700 Square Feet, and the total non-owner change orders is 0.83%.



References

Multiple Projects

First Sergeant Rick Pursley WEST VIRGINIA STATE POLICE 4124 Kanawha Turnpike South Charleston, WV 25309 304/746-2253

Orrick Building

Mr. Will Turani ORRICK SUTCLIFFE, LLC 2121 Main Street Wheeling, WV 26003 304/231-2629

Colson Hall Maclin Hall State Fire Training Academy

Mr. Robert Moyer WEST VIRGINIA UNIVERSITY 979 Rawley Lane Morgantown, WV 26506 304/293-2873

Multiple Projects

Mr. Don Mackey US POSTAL SERVICE Facilities Service Office Post Office Box 27497 Greensboro, NC 27495-1103 336/665-2894

Maxwell Centre Wagner Building

Mr. Dennis Kozicki THE MAXWELL PARTNERS 32-20th Street - Suite #300 Wheeling, WV 26003 304/232-2280

Hilltop Elementary School Cameron Middle/High School

Mr. Fred Renzella
Marshall County Schools
Post Office Box 578
Moundsville, WV 26041
304/843-4405



Client Testimonials

David Sneed Architectural Director

School Building Authority

"Their projects continually come in on time, under budget, and the quality of their documentation is greatly appreciated."

Bill Miday Superintendent Wood County Schools

"The way they have serviced our County has been unmatched, they have been here so many times for face to face meetings with our staff as well as the Contractors. I would highly recommend this firm to anyone."

Rick Pursley First Sergeant West Virginia State Police

"McKinley & Associates listens well to our staff's programming needs, and develops cost efficient design for us throughout the state."



Hays Landscape Architecture Studio, Ltd.

Hays LAS is the only landscape architecture firm located in and serving Southeast Ohio and Northern West Virginia. exclusiveness in this region has led to working within a niche market of rural and small community clients having unique needs fundraising and from ranging services traditional schematic desian to conceptualization, construction documentation. The firm also brings fine design work experience from over 12 states nationwide.

The Hays practice focuses on public garden planning, downtown revitalization, interpretative venue design, site plan engineering, and scenic byway and corridor management planning. On the national level, Hays LAS strives to create innovative unique gardens and arboreta as well as provide planning and design for cultural and historical landscapes.

Since the firm's establishment in 1997, Hays LAS has grown to accommodate a diverse capacity of work including planning documents and master plans as well as construction documents for large, multi-million dollar projects. This experience in both planning and design construction greatly enhances the level of the firm's project understanding and the breadth of issues involved. Ongoing collaborative relationships with allied professional consultants further augment the quality achieved on Hays LAS projects. The interests of the firm in projects that embody local history and/or fine design guide the firm's direction. In the past, projects that benefited from this enthusiasm include Wheeling Heritage Port, Wheeling Park Master Plan with Design Guidelines, Oglebay Park Master Plan with Design Guidelines, Adena Streetscape, the National Road Blaine Bridge Heritage Park, Ohio University Historic Brick Tavern House and Shannon Hall Landscape on National Road, St. Clairsville National Road Bikeway projects, as well as design recommendations for every aspect of National Road typology for the West Virginia National Road Corridor Management Plan and the Illinois National Road Interpretive Master Plan.



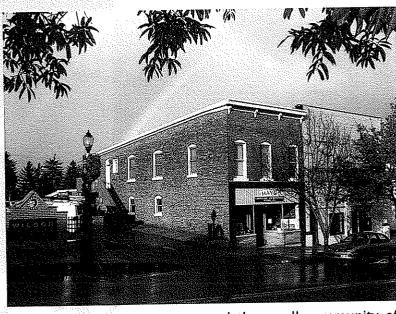
In addition to the Hays LAS experiences in planning and design, principal Gabe Hays also brings previous in-depth experience with fine design on some of the nation's most touted botanic gardens, arboreta, and private estates. Project experience in design and construction documentation was garnered from projects such as the National Tropical Botanic Garden, Kauai, Hawaii; the residential estate of a Microsoft board member in Seattle, Washington; Missouri Botanical Garden in St. Louis; Powell Gardens in Kansas; Daniel Stowe Botanical Garden, Belmont, North Carolina; and, Denver Botanic Garden in Colorado, among others.

The overriding principle that guides the Hays LAS approach and philosophy is that of *Genius Loci* or Spirit of Place. The spirit or essence of each unique place is what influences design. It is what makes each place different and interesting unto itself. This principal of *Genius Loci* is firmly adhered to at Hays Landscape Architecture Studio Ltd. and it has even led to publications and presentations such as "Avoiding Cookie Cutter Streetscape Designs," "Cultural Landscapes: Scenic Byways and the Historic National Road" and "Site Recycling for Public Enjoyment."



Hays Landscape Architecture Studio, Ltd - Community Design/ Streetscapes Background

The passion for community Design and Streetscapes at Hays Landscape Architecture Studio, Ltd. comes from being a part of small town fabric and a zeal for historic preservation. Growing up in and around small towns, firm principal Gabe Hays became intimately familiar with the social significance that we place on our hometown whether it is the rural remnants of a mining town or a thriving small city. This strong admiration for small, uniquely American towns led to the establishment of Hays LAS in the City of St. Clairsville, Ohio, Mr. Hays' hometown.



Experience with community and streetscape projects with Mr. Hays' started inventory of Carnegie, PA while at EPD in Pittsburgh which was an education in the challenges of closing a street in favor of pedestrian only corridor. One of the first Hays LAS projects in 1998 was a small walking tour and bike trail hub that exhibited some of the emerging Hays LAS streetscape philosophy by historic. incorporating sidewalk recycled, stone paving. The first community planning project wide

encompassed the small community of Adena, Ohio in which unique brick streets and small park spaces were proposed to be preserved and enhanced.

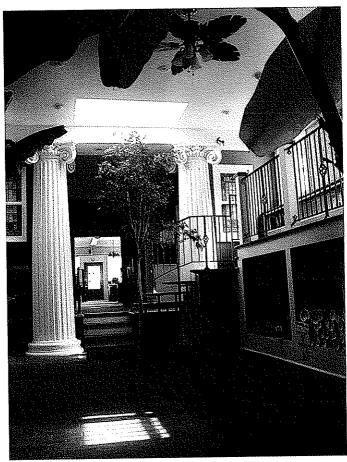
During the early 1990's, there was a proliferation of community streetscape projects in Eastern Ohio being rubberstamped with design sameness. In response, principal Gabe Hays formulated his philosophy of community design as a cultural landscape. This philosophy was outlined in a lecture entitled "Avoiding Cookie Cutter Streetscape Designs, Building Successful Communities- Preservation and Revitalization Strategies," presented at the Ohio Historic Society's annual conference in May of 2000. The Hays LAS philosophy uses the heritage and the sense of place unique to each community to create community design that includes all parks, streetscapes and public areas of a town. Additionally, this approach addresses ordinances, interpretation, and project approach.



The "Avoiding Cookie Cutter" approach was further reinforced by heavy volunteer/consulting involvement in numerous Historic National Road projects, through experience with the FHWA's National Scenic Byway Programs, and in the writing of <u>Site Recycling for Public Enjoyment</u>, an article in Ohio's Reference Guide to Downtown Revitalization.

In a recent constructed example of Hays Landscape Architecture Studio's community design work, Wheeling Heritage Port Phase III, the use of heritage guiding design is apparent. At Water Street, the sidewalks include the full-scale footprint of the railroad and train cars, in the original location, inlaid with brick. The logo of each railroad that ran through Wheeling is engraved between each car for interpretation.

Moving into the future, Hays Landscape Architecture Studio's employees are integrally involved in the leadership of St. Clairsville's Downtown Community Revitalization Task Force as well as the study of communities and streetscapes from Grantsville, West Virginia to Chicago, Illinois as good examples of context sensitive design.



Our passion for cultural streetscape extended to the courtyard design of our newest studio space!



Hays Landscape Architecture Studio, Ltd - Parks/Resort Background

Park appreciation for principal Gabe Hays began at Tappan Lake Park in Ohio where he personally experienced the attributes of a park every year since the early 1970s. Observation of success, failure, trends, and family interactions, from both a child's and an adult's standpoint greatly contribute to today's approach to parks at Hays Landscape Architecture Studio, Ltd.

Volunteer employment with other landscape architecture students and Professor Jot Carpenter from The Ohio State University, at Redwood National Park further strengthened Mr. Hays' understanding of parks and park development. Design work included ADA trail development in a new acquisition of old growth forest, cultural landscape recommendations and interpretive site development for old growth forests, the logging industry, riparian corridor, prairies, and elk habitat.

Upon establishment of Hays LAS in 1997, Mr. Hays started a long-standing relationship with The Wheeling Park Commission consulting on numerous projects at both Wheeling Park and Oglebay Resort in Wheeling, West Virginia. The firm completed master plans for both properties encompassing five golf courses, a lodge, cottages, public gardens, arboreta, service facilities, swimming pools, athletic fields, zoo, picnicking, shelters, tennis, hockey, winter sports, playgrounds, equestrian center, roads & parking as well as viewshed analysis. Recent project implementation includes a new butterfly garden, road relocation, and new lodge addition site development with courtyard designs.

These experiences at Oglebay and Wheeling Park also served as an invaluable education in the methods of the nation's model self supporting park system. Today, Oglebay operates on over 24 million dollars of its own funds. This was accomplished by proven techniques and decades of discipline with strong leadership.

In 2002, Hays Landscape Architecture Studio, Ltd. consulted on its first Revenue Master Plan at Grand Vue Park in Moundsville, West Virginia in conjunction with The American Institute of Leisure Resources, a division of the Oglebay Foundation. The plan employed the proven lessons of success at Oglebay and Wheeling Park to bring a park from stagnation to vitality. Since the completion of the plan, three cabins, special events/administrative building, and a modern miniature golf course have all been built



with a new playground to open soon. Next, an aquatic sprayground will be added at the existing pool. Hays LAS sited each building/facility and provided all site development construction documentation.

In 2004, the initiative began to expand the award winning Wheeling Heritage Port. Hays LAS led the design team, including architects and engineers, to provide a park that was a festival and entertainment venue as well as a city streetscape project. Elements include storm/sewer separation, restroom/garage building construction, rooftop plaza design, electrical distribution, bike trail relocation, seat wall design, riverbank stabilization, memorial grove planning, statue placement, cultural landscape interpretation, and lots of green space!

Now, Hays Landscape Architecture Studio Ltd. is offering a new service to its park-planning repertoire, V.I.P. (Vision in Practice). Mr. Hays in partnership with Sarah Mahan-Hays, Phd. (Communication Studies) will provide V.I.P. sessions with park boards for the purposes of determining a park facility's vision, mission, and goals for the purposes of defining values, board development, and defining a design charétte (brainstorming) process. This service assists park boards that are struggling to find common ground, needing to define their unique niche, and/or wanting to begin the planning process.



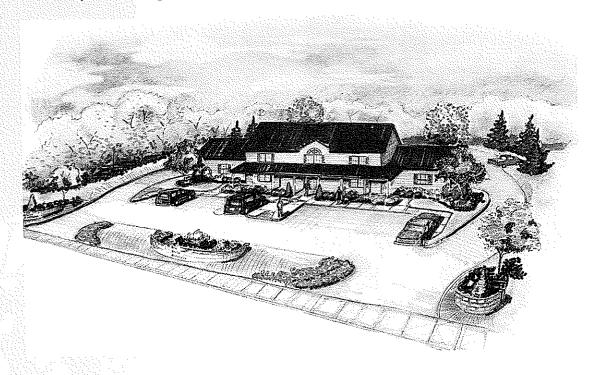
145 East Main Street St. Clairsville, OH 43950

Web/ hayslas.com Tel/ 740-695-6505 Fax/ 740-695-6516 Email/ info@hayslas.com

Project:

Rob Boram Construction Corporate Headquarters

Weirton, West Virginia



Hays LAS has recently created a master plan concept for the new Rob Boram Construction Headquarters in Weirton, West Virginia. The program called for building placement, parking and a landscape plan. The site was planned and orientated to allow large truck access around the entire building for supply delivery. Site walls at both entrances and directly in front of the building not only present a sense of arrival but provide spaces for unique signage opportunities. The landscape plan offers a variety of low maintenance perennials, flowering shrubs and ornamental trees. Hays LAS worked side by side with the company's owners in developing a traditional landscape plan that compliments the integrity of the building; a structure that Rob Boram Construction will use not only as their headquarters but as a showcase home as well. The symmetrical plan also includes an outdoor pergola and kitchen in the rear of the building.

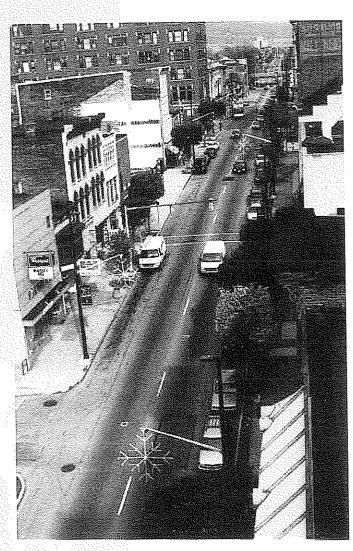


145 East Main Street St. Clairsville, OH 43950

Project:

West Virginia National Road CMP, Scenic Assessment

Web/ hayslas.com Tel/ 740-695-6505 Fax/ 740-695-6516 Email/ info@hayslas.com



Havs Landscape Architecture Studio, Ltd. provided the The National Road Alliance of West Virginia, Inc. with a Assessment Scenic Recommendations plan which was Corridor their included in Management Plan (CMP) for the National Road's designation as an ALL AMERICAN ROAD. Hays LAS principal, Gabe Hays, has been the route's scenic evaluating strengths and challenges to come up with strategies for tourism opportunities to enjoy the National Road travel experience through West Virginia's northern panhandle and it's communities. Within the state's short span of "The Old Pike" is a broad width of scenic situations and issues such as small pike towns, historic rural vernacular, residential neighborhoods, commercial sprawl, and the historic urban areas of Wheeling. At the end project, Hays the recommended potential projects for TEA 21 funding.



145 East Main Street St. Clairsville, OH 43950

Project:

Guernsey County Library Cambridge, Ohio

Web/ hayslas.com Tel/ 740-695-6505 Fax/ 740-695-6516 Email/ info@hayslas.com



Working as a sub-consultant to Davis Architectural Group, Hays Landscape Architecture Studio, Ltd. developed a landscape master plan for a new library in Cambridge, Ohio. The new building is situated in what was a large meadow surrounded by woods and wetland. The architect and Hays LAS took precautions not to impact the woods or wetlands while maintaining meadow around the building and parking lots. The planting design accentuates the innovative design and functionally guides patrons through the site.



145 East Main Street St. Clairsville, OH 43950

Project:

Web/ hayslas.com Tel/ 740-695-6505 Fax/ 740-695-6516

Illinois National Road Interpretive Master Plan Email/info@hayslas.com

CIMAM STREET Colurrete Band Small Interp. Panels Lon (24 Max) Sod Mound Bridge Site Model (3) Stone Bands (2) Benches LOW HATIVE SHRUBS TALL NATIVE SHRUBS overhead protection rande interp. Panels in rethead protection HATIVE SHADE TREE BRICK HANDICAP RAMP

ILLINOIS INTERPRETIVE MASTER PLAN

21. STONE / BOULDER OUTCROPPING, TYPICAL 22. SIDEMALK TO BRIDGE

STORM DRAIN

GREENUP COVERED BRIDGE INTERP SITE THE NALKABOLIT COMPANY . HAYS LANDSCAPE ARCHITECTURE STUDIO 08/01/02 . NOT TO SCALE . NOT FOR CONSTRUCTION

Hays Landscape Architecture Studio worked on the National Road IMP in Illinois as part of a multidiscipline team of interpretation specialists, marketing experts, geologists, and cultural historians to create a visitor experience for what has become an ALL AMERICAN ROAD scenic byway. Led by The Walkabout Company, this endeavor provided a unique blend of talented people to address the diverse issues that scenic byways present. The project consists of evaluating the route from Terre Haute, Indiana to St. Louis, Missouri and thorough research to create interpretive sites, suggestions on information content, and design of kiosks and sites. Tasks such as determining the intrinsic qualities of the corridor, producing examples of interpretive materials, creating a seamless presentation, tracking byway resources in a Geographic Information System (GIS), and formulating a five-year master plan represent the scope of work that the team is addressing. Hays LAS worked within the team to deal with these big picture tasks while also focusing on specific tasks such as site design concepts and interpretive vehicle design. Greenup, Illinois covered bridge is a prime example where Hays LAS is providing site design and interpretation sites for the intrinsic qualities of this project site.



REFERENCES

HAYS LANDSCAPE ARCHITECTURE STUDIO, LTD.

Hydie Friend, AICP

Executive Director Wheeling National Heritage Area Corp. (304)232-3087

Projects:

Wheeling Heritage Port Phase III Wheeling Heritage Port Concrete Brooks Wigginton Formal Garden Restoration

"Working with Hays Landscape Architecture Studio on the planning, design and construction of Phase III of Wheeling Heritage Port was remarkable. This \$1.7 million multi-staged project came in on-time and under budget. The extraordinary attention to detail by Hays LAS assured that the project was well-designed and its implementation was flawless."

Michael McTeague, Assistant Professor

Partner, Boa Constructors, LLC (Real Estate Development) & Assistant Dean, Ohio University Eastern (740) 695-3141

Projects:

Historic National Road Brick Tavern House/ Cultural Landscape Report, Ohio University Eastern

"The Ohio University Eastern Campus has been the beneficiary of the work of landscape architect, William Gabriel Hays on its historic building project of a 19th Century Roadside Inn located on campus. His background as a consultant on issues such as signage and national scenic by—way site development has been invaluable in receiving both national grants and developmental funding for the campus. Mr. Hays's dedication to historical preservation as well as his efforts in the Midwest in particular have made him a widely recognized and respected figure. Of particular significance is his work with regard to the National Road (Route 40)."



Andrew Jackson Barger, ASLA

Director of Planning Oglebay Resort, Wheeling, WV (304) 243-4018

Projects:

Oglebay Resort Master Plan
Wheeling Park Master Plan
Oglebay Resort Wilson Lodge Addition Site Planning and Design
Oglebay Resort's Bissonnette Gardens Master Plan
Oglebay Cottages Site Construction Documents
Oglebay's Good Zoo Plaza Improvements

"I've consulted with Hays LAS on several projects over the past few years; master planning, site development, planting plans and more. Hays LAS attention to the details, thorough planning and timely production is the reason I'll continue our relationship."

Dennis Bigler, AICP

Director of Public Services City of St. Clairsville, Ohio (740) 695-0156

Projects:

National Road Bike Trail Historic Walking Tour Hub Zoning Review Interstate 70 Beautification

"The presence of Hays LAS in St. Clairsville dispels the old adage that you have to go two hours from home to be considered an expert! As a community we are fortunate to have the professionals at Hays LAS living and working in this city. They bring valuable expertise to all of their clients. Not only are the folks at Hays LAS a group of dedicated – knowledgeable professionals, they are also an enjoyable group to work with."

Bill Koegler, American Academy for Park & Recreation Administration

Oglebay Foundation and Wheeling Park Commission VP, Wheeling, WV

(304) 243-4077

Projects:

Oglebay Master Plan Mapping Grand Vue Park Revenue Master Plan

"I have had the opportunity to collaborate with Gabe Hays & his staff on a number of projects in the past & have been impressed with their professional knowledge & demeanor as well as promptness to "timeline"...a critical piece in all planning projects. Additionally the creative thinking & artistic presentation of the final product is equal to or better than any I have seen."



Betsy Frohnapfel

County Administrator Marshall County Commission (304) 845-0482

Projects:

Grand Vue Park Cabins/ Special Event Buildings Site Design/ Engineering

Grand Vue Park Family Fun Center Design/Site Engineering

"Hays LAS has been instrumental in our continuous endeavor to upgrade the facilities at Grand Vue Park in Marshall County. They are very knowledgeable in the area of outside recreation and have helped us utilize the funds we have available to their maximum capacity".

Joseph Oppe

Mountwood Park Executive Director (304) 588-1403

Projects:

Mountwood Park Commission Board Development Mountwood Park Stakeholder Meetings and Concept Plan

"Having spent nearly 50 years in the parks and public garden business, I've had the occasion to work with a number of architects and planners. The combination of skills that Gabe and Sarah bring to the table are unique and their energy and optimism contagious. Although we've just begun on our quest for a new strategic plan for Mountwood Park, staff and board alike are looking forward to a successful end."

"A special thanks to Gabe Hays and Phil Cole for their leadership. Gabe and Phil kept us on subject and urged our stakeholders to express their concerns and ideas about what Mountwood Park needed to do to succeed."

Debra Keddie

The Walkabout Company, LLC, Wheeling, WV (304) 242–8884

Projects:

Interpretive Master Plan - Illinois National Road Association Corridor Management Plan - National Road Alliance of WV Interpretive Signage Plan - Ohio National Road Association

"We have worked with Gabe Hays and his staff during the past eight years. During this time we have been consistently impressed with the level of professionalism, creativity and attention to the client's needs."



Wayne Soard

Vice President of Operations Assistant General Manger Wheeling Island Gaming, Inc. Wheeling, WV (304-231-1711)

Project:

Wheeling Island Hotel, Casino and Race Track

"We are very pleased with the (race track) apron's new look. We continue to receive a lot of positive feedback from our guests and look forward to working with Gabe and his team on future projects."

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Oualification Statement

American Geotech, Inc. (AGI) is a consulting engineering firm specializing in the practice of geotechnical, environmental and testing engineering practicing over 15 years. The ownership of AGI represents over 60 years of combined engineering experience including completion of geotechnical, testing, environmental and asbestos testing projects in West Virginia, Virginia, Ohio, Kentucky, Maryland, and Pennsylvania. American Geotech, Inc. staff includes fourteen (14) full time personnel and four (4) part time personnel. In our professional staff there are three geotechnical engineers, two geologist, one environmental scientist, eight soil technician, and one secretary.

With its office centrally located in Charleston, West Virginia, AGI can effectively assist owners, architects, planners, design engineers, and contractors in all phases of project design, development, and property utilization throughout the Mid-Atlantic region of the United States. Utilizing proven technology and experience, AGI can work closely with its clients to initiate and complete a variety of engineering projects in a professional and effective manner.

AGI has established a full service for soils testing laboratory in its Charleston office. The laboratory is fully equipped for the performance of soils testing services in accordance with standards published by American Standard Testing Materials (ASTM) and American Association of State Highway and Transportation Officials (AASHTO).

Geotechnical Engineering Services

Standard geotechnical engineering services which AGI can contribute to a project includes:

- Site exploration and recommendation for Site Development
- Analysis and design recommendations for both shallow and deep foundation systems
- Exploration, analysis, and design recommendations for highway and airport construction
- Slope stability analysis including retaining system design
- Geotechnical analysis and design of Earthen Dams and solid waste landfills
- Exploration and analysis of utility line installation and construction

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Testing Engineering Services

Standard soils testing services which AGI can contribute to a project include:

- Classification testing of Soils and Rock
- Strength testing of soils including Unconfined Compression, Triaxial and Direct Shear Testing
- Compressibility and consolidation Testing of Soils
- Standard and Modified Proctor Tests for Moisture-Density relationships.

Environmental Engineering Services

Standard environmental services which AGI can contribute to a project include:

- Performance of site assessments for property sales or transfers including Phase 1, 2, and 3 investigations
- Assessment and removal of Underground Storage Tanks (UST)
- Performance of Hydrogeological studies for monitoring well installation, development, sampling, and evaluation
- Design, installation, and maintenance of soil and groundwater systems
- Compliance sampling and monitoring
- Remedial investigations and feasibility studies

Asbestos sampling, Testing and Planning

Standard asbestos services which AGI can contribute to a project include:

- Asbestos sampling for certified personnel
- Asbestos testing and planning for removal

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American Geotech, Inc., is a geotechnical and testing firm that assist owners, architects and engineer in designing cost effective foundation system. American Geotech, Inc. has the capability to perform core boring, soil testing, geotechnical reporting, and construction monitoring.

American Geotech, Inc. has personnel who have extensive experience in geotechnical and foundation study in the Kanawha Valley and throughout the West Virginia. Following is a partial list of our references, clients and projects.

Marshall University - Mr. Mike Meadows

(304) 696-6415

Project: MU Parking Garage (Design Built)
Project: Biotechnology Facility (Under Design)

BBL Carlton, LLC - Mr. Keith McClanahan

(304) 345-1300

Project: Huntington Commerce Park Building

Project: 4-Story DEP Building - Charleston (Under Construction)

Project: Eleanor Maintenance Complex

The University of Charleston - Ms. Cleda Harlace

(304) 357-4738

Project: 9-Story Science Building - Charleston, West Virginia Project: Brotherton Housing 5-Story - Charleston, West Virginia

Project: 4-Story Residence Hall (Under Construction)

Thomas Memorial Hospital - Mr. Mike Spangler

(304) 766-3684

Project: 4-Story Medical Building/Basement IBC-2000 Project: 4-Story Surgery Center/Basement IBC-2000

John Q. Hammons Industries - Mr. Martin W. McGahan

(417) 864-4300

Project: Embassy Suites Hotel - Charleston, West Virginia

Mr. P.R. Rankin (McDavitt Street & Bovis)

(304) 345-2465

Kanawha County Board of Education - Mr. Chuck Wilson

(304) 348-6148

Project: Riverside High School - Diamond, West Virginia Project: Capitol High School - Charleston, West Virginia Project: St. Albans High School - St. Albans, West Virginia Project: G. W. High School - Charleston, West Virginia

Kanawha County Commission - Mr. Steve Zoeller

(304) 357-0101

Project: Kanawha County Parking Garage - Charleston, West Virginia

Project: Judicial Annex Addition - Charleston, West Virginia

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Business Industrial Development Corporation - Mr. Bill Goodie

(304) 340-4284.:.

Project: NGK-NTK Facility - Pocatalico, West Virginia Project: Southridge Development - Charleston, West Virginia

Project: Somar Facility - Charleston, West Virginia

State College and University System of West Virginia - Mr. Rich Donovan

(304) 558-0281

Project: Clarksburg Center of Fairmont State College - Clarksburg, West Virginia Project: Science Building at Marshall University - Huntington, West Virginia Project: Art Center at Glenville State College - Glenville, West Virginia Project: Administration Building (4-story) - South Charleston, West Virginia

Charleston Area Medical Center - Mr. Ray George

(304) 348-9740

Project: Women's and Children Hospital - Charleston, West Virginia

Project: Medical Office Building (General Division) - Charleston, West Virginia Project: Clinic and Parking Garage (General Division) - Charleston, West Virginia

West Virginia University - Mr. D. Alan Neptune

(304) 598-4125

Project: Ruby Memorial Hospital (Elevator level) - Morgantown, West Virginia

Project: Medical Office Bldg. (4-story) - Morgantown, West Virginia

Project: White Hall Renovations - Morgantown, West Virginia

Clay Center for The Arts and Science-WV - Mr. Bob Kelly

(304) 346-1100

Project: Clay Center for the Arts and Science - Charleston, West Virginia

Marshal County Schools - Mr. John Starky

(304)845-9823

Project: Moundsville Junior High School - Moundsville, West Virginia

McCabe-Henley-Durbin - Mr. John Blagg

(304) 347 - 7500

Project: Stonewall Jackson Lake - Weston, West Virginia

Ridge Line, Inc. - Mr. Richard Rashid

(304) 545 - 9117

Project: Southridge Expansion - South Charleston

Tristate Greyhound - Mrs. Chris Brewer

(304) 776 - 1000

Project: Tristate Greyhound Park Addition - Nitro, West Virginia

In addition our personnel has performed geotechnical study for the CAMC Women & Children's Hospital, new Federal Building, St. Francis Hospital addition and Logan General Hospital.

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Kanti S. Patel, P.E.

Following is the partial list of projects, he has served as geotechnical engineer during design phase as well as construction phase:

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Cli	ant
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Client	<u>Projects</u>		
1. Ridgeline, Inc., South Charleston, WV	Southridge Expansion Phase II & III Mountain top removal & valley fills. 1. Marquee Cinema 2. Home Depot 3. US Postal Complex 4. Hampton Inn		
2. Kanawha County Schools, Charleston, WV	 Riverside High School, Diamond, WV Sissonville Middle School, Sissonville, WV Capital High School, Charleston, WV St. Albans High School, St. Albans, WV G. W. High School, Charleston, WV 		
3. Uptowners Inns, Inc., Huntington, WV	 Holiday Inn Express, Barboursville, WV Holiday Inn Express, Huntington, WV 		
4. Wal-Mart - Corporation, Bentonville, AK	 Super Wal-Mart Store, Logan, WV Wal-Mart Store, Lavelette, WV Wal-Mart Store, Summersville, WV Wal-Mart Store, Beckley, WV 		
5. Marshall University, Huntington, WV	 Marshall University Parking Garage Biotechnology Center Clinical Education & Outreach Center Science Building 		
6. Lowe's Corporation	 Lowe's Store, Barboursville, WV Lowe's Store, Logan, WV Lowe's Store, South Charleston, WV 		
7. Kroger, Inc., Roanoke, Virginia	 Kroger Store, Barboursville, WV Kroger Store, South Charleston, WV Kroger Store, South Hills, WV Kroger Store, Morgantown, WV 		

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8.	Cabell	County	Schools.	Huntington,	WV
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- 1. New Martha Schools
- 2. Milton Middle Schools
- 3. Barboursville Middle School
- 4. New Commack School
- 9. Cabell-Huntington Hospital, Huntington, WV
- 1. Edward Cancer Center
- 2. New Patients Tower
- 3. Medical Drive-Slip
- 4. Ronald McDonald Place

10. McCabe-Henley Properties

- 1. Stonewall Jackson Project
- 2. WVU Research Center Morgantown, WV
- 3. Multistory Tower Charleston, WV

11. Four-S Development

- 1. Hills Department Store Winfield, WV
- 2. Big Bear Store Winfield, WV
- 3. Holiday Inn Express- Winfield, WV
- 4. B.P. Store Winfield, WV

12. K-Mart Corporation

- 1. K-Mart Store Kanawha City, WV
- 2. K-Mart Store Scott Depot, WV
- 3. K-Mart Store Barboursville, WV