








Convenience Copy

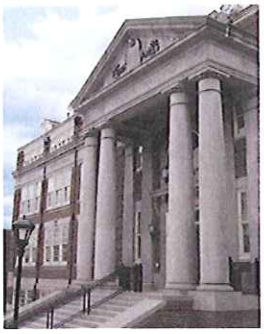
West Virginia Division of General Services

EOI# GSD126415

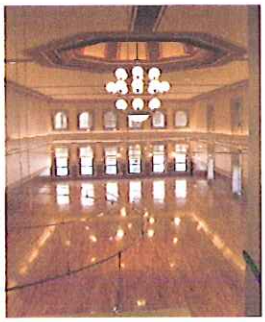
Architectural/Engineering Services
Building 25 Exterior Renovations and Repair
Avery Street
Parkersburg, WV

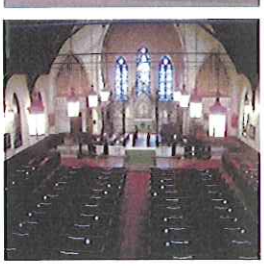
STATE OF WEST VIRGINIA
JUNE 20 1863
MONTANI SEMPER LIBERI

RECEIVED
2011 OCT 25 AM 11:59
WV PURCHASING DIVISION





McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Convenience Copy

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

October 21, 2011

Krista Ferrell
Buyer Supervisor
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305-0130

Re: GSD126415 - A&E SERVICES BUILDING 25 EXTERIOR RENOVATION

Dear Ms. Ferrell and Members of the Selection Committee;

We are pleased to provide the West Virginia Division of General Services with our Expression of Interest for Architectural and Engineering services to evaluate, design and administer construction for Building 25 located on Avery Street in Parkersburg, WV. Your project will be led by **Thomas R. Worlledge, AIA, LEED AP BD+C, REFP**, our **Charleston Area Manager**, whom is an **Architect** as well as a **LEED Accredited Professional**. We are also proposing to dedicate additional professional design staff from our **Charleston Office** which includes Nicole D. Riley as an Architect Intern, as well as Dana E. Womack, Jr. for Construction Administration.

McKinley & Associates has been providing design services since 1981. With offices in Charleston WV, Wheeling WV, and Washington PA, McKinley & Associates supports a multi-discipline, full service professional staff of 37 that includes Architects; mechanical, electrical, plumbing/life safety Engineers (MEP Engineers); as well as Construction Administration services and a certified Interior Design department. We have 4 LEED Accredited Professionals (LEED APs) on staff, in both the architectural and engineering fields, which will all be utilized to incorporate "Green" aspects into the renovations. We also have **depth** in numbers of each discipline in our firm. Our architects, engineers and technicians are all **"In-House",** creating optimum communication and collaboration. This results in outstanding service to our clients, with a comprehensive view of the entire scope of work to be completed. Our caring and detailed design team will walk you through your project to completion.

Our Landscape Architecture Consultant is **Hays Landscape Architecture Studio, LTD**. Hays LAS has grown to accommodate a diverse capacity of work including public and private institutional landscapes, public garden planning, park planning/revenue plans, cemeteries, resorts, industrial parks, downtown revitalization, scenic byway planning, cultural/historic planning and design, residential landscape design, and many more.

Our Structural Consultant is **FOX Engineering**, a multi-disciplined consulting engineering firm located in Ripley, WV, and founded by Jennifer Casey, PE. Being a **woman-owned business**, FOX is registered as a certified **Disadvantaged Business Enterprise (DBE)**. FOX Engineering provides surveying, civil engineering, construction inspection, contractor services, and structural inspections. Their structural design experience encompasses numerous projects comprised of retaining walls; short, medium and long-span bridges; box culverts and various other structures. They have the resources and experience to provide site development services for commercial/industrial developments.

McKinley & Associates has restored **façades** on other buildings including multiple century-old structures, buildings listed on the National Register of Historic Places, as well as a National Historic Landmark! Our

past Historic Preservation experience includes extensive interaction with both The Secretary of the Interior's Standards for the Treatment of Historic Properties and The West Virginia State Historic Preservation Office. Our efforts include qualifying structures for the National Register of Historic Places, renovations of contributing buildings in Historic Districts.

We understand the design schedule that is required for this project and we have the experience to show we can **fast track** this design to meet your schedule. 1) The Orrick Building in Wheeling, WV was a façade renovation project (which we included in this submittal) was designed and constructed in **SIX MONTHS** to attract a tenant. You can see from the "Before & After" pictures that we were able to transform this old condemned stamping plant building into Class A Office Space that is now leased to Orrick Corporation as attorney offices. 2) When we got the call from West Virginia University to design a complete renovation of the interior and exterior of Maclin Hall before students returned for the Fall Semester we were able to meet their schedule. The design was completed in **ONE MONTH** and construction completed in **FIVE MONTHS.** 3) TeleTech National Call Center needed a new "call center" constructed in ten months; we again answered by designing and constructing this new facility in **EIGHT MONTHS! That was Two Months ahead of schedule.** Our ability to handle the design on fast tracked projects is attributed to the size of our Firm. As the largest Full Service A/E Firm in the state you can be assured that we have the ability to dedicate the resources required to meet your schedule.

One of the more exciting aspects of our job is listening to YOU, our client, in how you envision this project, and transforming your ideas into realities. This can only be accomplished by effectively working together with you. We are quite aware of the completion timeline associated with this project and are confident we can meet your goals. Most of our current clients have been with our firm for many years. The main reason we have been able to maintain this relationship is because we LISTEN to their needs and then "we do what we say we are going to do". We encourage you to speak with our references because we feel this is the best way that our abilities can be conveyed to you.

We love what we do, so we care about the results you get. We know we can provide you with a successful project and are very excited about the possibility of continuing our relationship with the General Services Division. Thank you for reviewing our submission and considering McKinley & Associates for your proposed project.

Sincerely,

Thomas L. Young, REFP
Director of Client Relations
McKinley & Associates

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

Request for Quotation

RFQ NUMBER	PAGE
GSD126415	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
*709060537
McKinley & Associates
The Maxwell Center / Suite 100
32 Twentieth Street
Wheeling, WV 26003

SHIP TO
DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
BUILDING TWENTY FIVE
5TH & AVERY
PARKERSBURG, WV
26105 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/29/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-07		

A&E SERVICES BUILDING 25 EXTERIOR RENOVATION

EXPRESSION OF INTEREST
(EOI)

THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF GENERAL SERVICES, IS SOLICITING EXPRESSIONS OF INTEREST FOR ARCHITECTURAL AND ENGINEERING SERVICES FOR RENOVATIONS TO THE EXTERIOR OF BUILDING 25 LOCATED IN PARKERSBURG, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.

TECHNICAL QUESTIONS CONCERNING THIS SOLICITATION MUST BE SUBMITTED IN WRITING TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA FAX AT 304-558-4225 OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV.

DEADLINE FOR ALL TECHNICAL QUESTIONS IS 10/13/2011 AT THE CLOSE OF BUSINESS.

ANY TECHNCIAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL WRITTEN ADDENDUM TO BE ISSUED AFTER THE DEADLINE HAS LAPSED.
VERBAL COMMUNICATION: ANY VERBAL COMMUNCIATION BETWEEN THE VENDOR AND ANY STATE PERSONNEL IS NOT BINDING. ONLY INFORMATION ISSUED IN WRITING AND ADDED TO THE EOI BY FORMAL WRITTEN ADDENDUM BY PURCHASING IS BINDING.

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
Thomas J. Young	(304) 340-4267	10/21/11
TITLE: Dir. of Client Relations	FEIN 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

Request for Quotation

RFQ NUMBER	PAGE
GSD126415	2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE

*709060537
McKinley & Associates
The Maxwell Center / Suite 100
32 Twentieth Street
Wheeling, WV 26003

SHIP TO
DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
BUILDING TWENTY FIVE
5TH & AVERY
PARKERSBURG, WV
26105 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/29/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

NO CONTACT BETWEEN THE VENDOR AND THE AGENCY IS PERMITTED WITHOUT THE EXPRESS WRITTEN CONSENT OF THE STATE BUYER. VIOLATION MAY RESULT IN THE REJECTION OF THE BID. THE STAET BUYER NAMED ABOVE IS THE SOLE CONTACT FOR ANY AND ALL INQUIRIES AFTER THIS EOI HAS BEEN RELEASED.

EXHIBIT 10

REQUISITION NO.: GSD126415

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1 ..... ✔

NO. 2 .....

NO. 3 .....

NO. 4 .....

NO. 5 .....

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS.

VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
Thomas J. Young	(304) 340-4267	10/21/11
TITLE: Dir. of Client Relations	FEIN: 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

Request for Quotation

RFQ NUMBER	PAGE
GSD126415	3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
*709060537
McKinley & Associates
The Maxwell Center / Suite 100
32 Twentieth Street
Wheeling, WV 26003

SHIP TO
DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
BUILDING TWENTY FIVE
5TH & AVERY
PARKERSBURG, WV
26105 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/29/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.

Thomas J. Young
SIGNATURE

McKinley & Associates
COMPANY

October 21, 2011
DATE

NOTE: THIS ADDENDUM ACKNOWLEDGEMENT SHOULD BE SUBMITTED WITH THE EOI.

REV. 09/21/2009

BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.

NOTICE

A SIGNED EOI MUST BE SUBMITTED TO:

DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
BUILDING 15
2019 WASHINGTON STREET, EAST
CHARLESTON, WV 25305-0130

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
Thomas J. Young	(304) 340-4267	10/21/11
TITLE: Dir. of Client Relations	FEIN: 55-0696478	ADDRESS CHANGES TO BE NOTED ABOVE

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

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

Request for Quotation

RFQ NUMBER	PAGE
GSD126415	4

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
*709060537
McKinley & Associates
The Maxwell Center / Suite 100
32 Twentieth Street
Wheeling, WV 26003

SHIP TO
DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
BUILDING TWENTY FIVE
5TH & AVERY
PARKERSBURG, WV
26105 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
09/29/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

THE EOI SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE EOI MAY NOT BE CONSIDERED:

SEALED EOI

BUYER: KRISTA FERRELL-FILE 21

EOI. NO.: GSD126401

EOI OPENING DATE: 10/27/2011

EOI OPENING TIME: 1:30 PM

PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR EOI:

(304) 340-4269

CONTACT PERSON (PLEASE PRINT CLEARLY):

Thomas L. Young, REFP

****** THIS IS THE END OF RFQ GSD126415 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE Thomas L. Young TELEPHONE (304) 340-4267 DATE 10/21/11

TITLE Dir. of Client Relations FEIN 55-0696478 ADDRESS CHANGES TO BE NOTED ABOVE

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

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

Request for Quotation

RFQ NUMBER	PAGE
GSD126415	1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL
304-558-2596

VENDOR
RFQ COPY
TYPE NAME/ADDRESS HERE
*709060537
McKinley & Associates
The Maxwell Center / Suite 100
32 Twentieth Street
Wheeling, WV 26003

SHIP TO
DEPARTMENT OF ADMINISTRATION
GENERAL SERVICES DIVISION
BUILDING TWENTY FIVE
5TH & AVERY
PARKERSBURG, WV
26105 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/18/2011				

BID OPENING DATE: 10/27/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT

ADDENDUM NO. 1

THIS ADDENDUM IS ISSUED TO PROVIDE ANSWERS TO ALL TECHNICAL QUESTIONS SUBMITTED IN ACCORDANCE WITH THE PROVISIONS OF THE ORIGINAL REQUEST FOR QUOTATION (GSD126415).

BID OPENING DATE REMAINS: 10/27/2011
BID OPENING TIME REMAINS: 1:30 PM

0001	1	LS		906-07		

A&E SERVICES BUILDING 25 EXTERIOR RENOVATION

****** THIS IS THE END OF RFQ GSD126415 ****** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE Thomas J. Young TELEPHONE (304) 340-4267 DATE 10/21/11

TITLE Dir. of Client Relations FEIN 55-0696478 ADDRESS CHANGES TO BE NOTED ABOVE

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

GSD126415 Technical Questions and Answers

Q1) Is there a contact person at the facility who can give us a more detailed understanding of the scope of work involved with this project? Is it possible to arrange for a visit to the facility?

A2) Site visits can be arranged by contacting Dave Parsons at 304-558-0689.

The details regarding the scope are in the RFQ under sections 2 and 3. There is no additional detail at this time. In Section 1.2 "Project" the following statement is made:

"Services may include a thorough evaluation of the existing building, including functional analysis, building code, fire monitoring and sprinkler system, mechanical and electrical systems; redesign of the existing building to resolve issues noted in the evaluation and to bring the building up to current office building standards."

Analysis of the mechanical system, electrical system, building code, fire monitoring and sprinkler system shall be excluded from design services requested in this EOI.

Services are only for the evaluation and design for repair of the existing exterior Dryvit system and exterior painted surfaces, evaluation and redesign of the ADA ramp and door entrance and parking lot improvements including but not limited to curbing, resurface, space reutilization, signage, lighting and striping.

Q2) Has a construction budget been established for this project?

A2) The State does not reveal budgetary information throughout the bid process.

000018

RFQ No. GSD126415

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: McKinley & Associates

Authorized Signature: _____ Date: October 20, 2011

State of West Virginia

County of Ohio, to-wit:

Taken, subscribed, and sworn to before me this 20 day of October, 2011.

My Commission expires August 16, 2020.

AFFIX SEAL HERE

NOTARY PUBLIC _____

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
KATHRYN McKINNEY
McKinley & Associates
32 - 20th Street, Suite 100
Wheeling, West Virginia 26003
My Commission Expires April 16, 2020

Concept

McKinley & Associates has prepared a brief response to the evaluative criteria listed in the request for proposal's Concept (4.2.1) section.

Like many older buildings structures are solid but the exterior is showing signs of wear and water damage. These concerns have progressed to the point of needing attention. Our first action would be to examine the building with our architects and engineers. This will help us in determining the root cause of the wear and water infiltration. Potential issues include: degradation of the exterior finish, sealant and flashing defects, and the age and condition of the roofing. Once the problems are forensically understood, the next step is to develop possible solutions. It will be important to sit down to review the various alternatives and propose the best method to solve the main problems; the problems that must be immediately addressed and prioritized thereafter. A large part of the solution to the exterior repairs will be determined by a budget so corrective measures needs to be analyzed on both an ideal and practical level.

McKinley & Associates has extensive experience in designing and revitalizing aging structures and historic buildings, including our offices in Wheeling and Charleston. Our Headquarters in Wheeling is located in a 1908 YMCA structure that was restored and turned into professional office suites. Our philosophy regarding this type of work requires an intimate knowledge of the building so we can determine how to most effectively use the existing resources. Early activity includes carefully mapping out the damaged areas and formulating a plan of action for repairs. This process targets the areas of greatest need and helps to control cost. Historic and modern materials must be researched since it is easy to damage existing materials by making snap decisions. We find this approach is often the most effective.

McKinley & Associates has recently completed a renovation and restoration to what many consider the most historical building in the State of West Virginia - Independence Hall in Wheeling; known as the Birthplace of West Virginia. This stone structure was restored inside and out using careful research and coordination with the State Historic Preservation Office. McKinley & Associates will use the same attention to detail on your building as we did to protect this National Historic Landmark. In addition, we have restored façades on other structures including: Colson Hall for West Virginia University, the Orrick Building, and West Virginia Northern Community College's B&O Building to name a few. The B&O Building (a former Baltimore & Ohio Railroad Passenger Station) was built in 1908 and is listed on the National Register of Historic Places. The WVNCC Education Center (a former warehouse structure) was also recently rehabilitated. Currently we are working on the façade of the century-old Lincoln National Bank in Avella, Pennsylvania.

McKinley & Associates' approach to design is simple: communicate with the client and address the client's needs and desires first. It entails an on-going dialog with the owner and the end user of the facility. Throughout the design process, we hold design workshops to obtain the critical information needed to achieve a design that meets your needs and budget. We do not depend only on our experience; we also refer to the day to day experiences of those who will use the building. We have found that this face-to-face approach allows us to focus on your needs to ultimately achieve a better project outcome.

We use a team approach that incorporates Architects, Engineers, Designers, Drafters, Construction Administrators and support staff from the beginning. The entire team is involved in the design process so that they know why the building was designed and how the building is intended to be used. This insight is especially advantageous to the on-site Construction Administrator (CA). The background knowledge on the project helps the CA better understand the end product, helps him communicate with the contractors and it provides valuable constructability insight for our designers when questions are brought back from the field.

For addressing ADA challenges: We assist the owner/tenant in prioritizing the scope of the project in order to provide access to all. Sometimes ADA issues can be resolved by a "Program Change" without making modifications to the building itself. McKinley & Associates will recommend the most cost effective ways to address ADA issues upfront.

Project Approach:

At Hays LAS, we are guided by one of our core values of ***Genius Loci*** or Spirit of the Place. The theory being the spirit or essences of each place is what (or should) influence design.

The Hays LAS team has accumulated years of experience in park design, public works projects, garden and arboreta design and construction, site development for pedestrian-oriented environments, public buildings, and preparation of construction cost estimates and bidding documents for numerous projects.

Specifically, the Hays concept approach for the Building 25 Exterior Renovations and Repair Project in Parkersburg would include two phases.

Phase one would be based on:

- Inventory and Analysis: A visit to inventory existing conditions, receive input from Client, and Analyze constraints and possibilities for improved ADA accessibility, curbing, resurface, space reutilization, signage, lighting and striping design package with drawings and specifications. Research the history of the building for the basis of design inspiration.
- Provide report with results from analysis and recommendations and phasing suggestions.

Phase two of this project would include:

- Schematic Design: Provide one preliminary design that addresses repair of the parking areas and re-design of the ADA accessibility. Preliminary plan to indicate spatial relationships, design elements, general material types and general plant grouping (not a detailed planting plan). Review and revise preliminary option with Client in one meeting. Leave meeting with final design direction. Revise preliminary plan into final master plan complete with color graphics and estimates of probable construction cost for presentation at one final presentation meeting.
- Design Development
- Construction Documents
- Bidding or Negotiation
- Construction Observation based on clients 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.

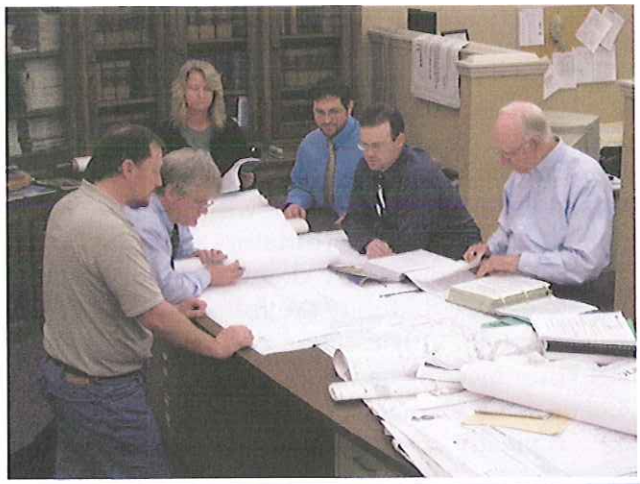
As the schematic/concept plans are developed, the Project Manager typically presents the plans for review and comments to a plan group depending on the nature of the work; e.g. engineers commenting on the engineering and architects critiquing the architecture. Once a consensus is reached, the plans advance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

Req#: GSD126415

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.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

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**

Sustainable "Green" Design

Buildings 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.

AIA West Virginia
2009
MERIT AWARD
FOR EXCELLENCE IN ARCHITECTURE

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 the centrally located conference room "Lantern."
This glows all day long through the translucent walls, which are illuminated with natural daylight from a skylight above.

Our Philosophy is to provide our clients with experienced leadership as well as state-of-the-art and **innovative** design expertise to accomplish the goals of your projects. Function, economics and versatility, in addition to the development of **strong aesthetic appeal**, are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

Hilltop Elementary School is one of our many projects that we designed using **energy efficient** and **sustainable design** approaches. It was not until after construction had commenced that the Owner decided to submit for LEED Certification. This required a great deal of coordination with the architects, engineers, subcontractors and suppliers. Since we incorporated **good sustainable design practices** from the beginning, this allowed for an easy transition, and for the project to be successfully completed in July 2009. **This is one of only 9 LEED Certified projects in West Virginia!**

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Leadership in Energy and Environmental Design

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 (www.usgbc.org). LEED recognizes that sustainable design requires a **team approach** to achieve the desired goals, and we have LEED Accredited Professionals (LEED AP and LEED AP BD+C) in both the architectural and engineering fields. In January 2001, our firm was the **first organization in West Virginia to join the USGBC.** No other WV firm joined until nearly 2 years later! We have **4 LEED Accredited Professionals** on staff, along with our skilled architectural/engineering team, who will 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.

We have **4 LEED® Accredited Professionals** on staff in **both** the **architectural and engineering fields**:

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

Our **LEED Certified Project** is (LEED Rating System in parentheses):

Hilltop Elementary School in Sherrard, WV (LEED for Schools 2.0)
The First and Only LEED Certified School in the State of West Virginia!

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

Cameron Middle School/High School in Cameron, WV (LEED for Schools 2.0)
SMART Office in Williamson, WV (LEED CI)
West Virginia State Office Building in Logan, WV (LEED NC 2.2)

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

The LEED AP Specialty Logos signify advanced knowledge in green building practices and specialization in a particular field. The LEED AP BD+C represents specialization in commercial design and construction.

Thomas R. Worlledge, AIA, LEED AP BD+C, 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.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Req#: GSD126415

McKinley & Associates
Charleston Office

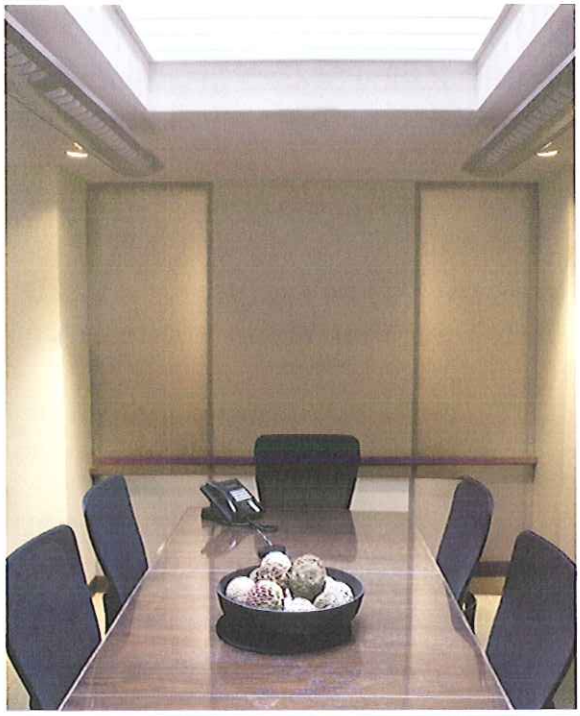
AIA West Virginia
2009
MERIT AWARD
FOR EXCELLENCE IN ARCHITECTURE

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 1/10th 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 buildin

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

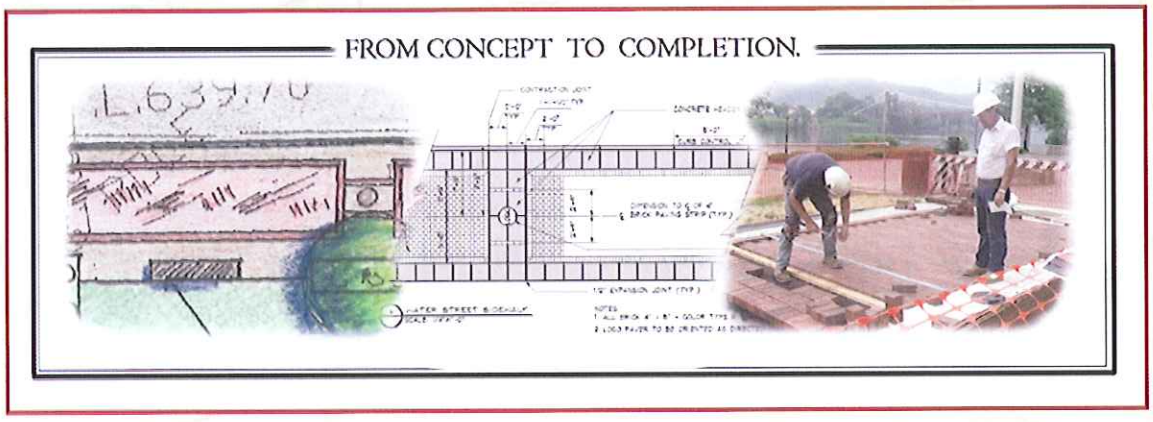
How We Serve:

At Hays LAS, we are guided by one of our core values of ***Genius Loci*** or Spirit of the Place. The theory being the spirit or essences of each place is what (or should) influence design.

This principle of *Genius Loci* is firmly adhered to at Hays LAS 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."

Services include:

- **Educational institution master planning & design**
- **Public/private garden planning**
- **Downtown revitalization**
- **Interpretive venue design**
- **Site plan engineering**
- **Scenic byway**
- **Corridor management planning**
- **Streetscapes**
- **Site construction documentation**
- **Cultural/historical planning**
- **Site evaluation and selection**
- **Graphic design and illustrative drawings**
- **Site lighting, way finding**
- **Bidding documentation**



145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com

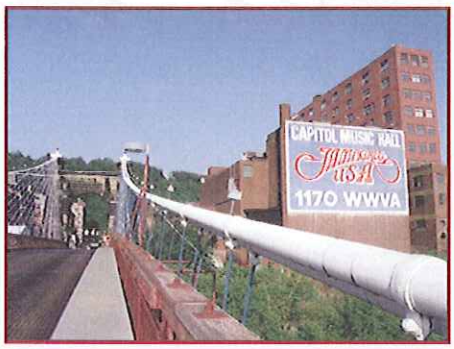
HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

Projects:

- OUE Brick Tavern House
- Willow Glen
- Historic Blaine Bridge
- ONRA Signage Study
- Cannon Hill Civil War Site
- Illinois National Road Interpretive Master Plan

Cultural Landscapes

History and Landscape Architecture are concepts that join to define cultural landscapes. The core of the Hays LAS business goals is that of Genius Loci—or spirit of place.



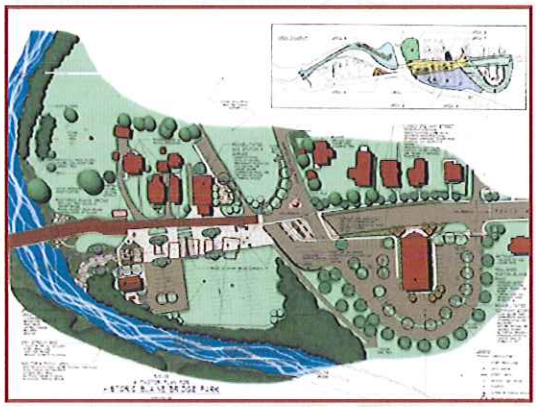
This core value and a passion for history has led the Hays LAS team to receive commissions for historic estates, historic parks, a Civil War site, historic streetscapes, Historic National Road properties and scenic byways.

Ohio University Brick Tavern House:

Located on the campus of Ohio University Eastern, Hays LAS worked in conjunction with Heritage Architectural Associates. Both teams worked with the University to preserve and rehabilitate the cultural landscape as an avenue for education and as entertainment space for local events.

Blaine Bridge:

This much celebrated structure on the Historic National Road in St. Clairsville, OH, was a design in master planning. The idea to create a park-like atmosphere around the historic bridge was a success. The improvements benefited the tourist component and dated streetscape.



Cannon Hill Civil War Site:

In conjunction with Mills Group, LLC, Hays LAS designed this cultural landscape plan for the Rowlesburg Historical Society. During the height of the Civil War, Union soldiers climbed to the top of the hill—some 600 vertical feet, with cannons positioned to protect adjacent rail crossings.

145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com

Firm/Team Qualifications

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Firm / Team Qualifications (4.2.2) section. Much of the information is contained on other pages within this "Firm / Team Qualifications" tab, to which we refer for your convenience in locating the supporting documents.

a. McKinley & Associates
1116 Smith Street
Suite 406
Charleston, WV 25301
P - (304) 340-4267
F - (304) 340-4269
tyoung@mckinleyassoc.com

Signed: Thomas L. Young

Thomas L. Young, REFP

b. Architect / Project Manager / Point of Contact: Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
Architect Intern: Nicole D. Riley, Assoc. AIA
Landscape Architect: Wm. Gabriel Hays, ASLA *(Hays Landscape Architecture Studio, LTD)*
Graduate Landscape Architect: Philip T. Cole *(Hays Landscape Architecture Studio, LTD)*
Mechanical Engineer: Bradley A. Crow, PE, LEED AP
Architectural Engineer / Quality Control: Tim E. Mizer, PE, RA
Electrical Engineer: Darren S. Duskey, PE
Engineer Intern: Travis Petri, EIT
Senior Mechanical Designer: William D. Ciprella
Senior Electrical Designer: Russell McClure
Plumbing & Electrical Designer: Scott D. Kain
Fire Protection Designer: Michael A. Heath
Civil / Structural Engineer: Jennifer W. Casey, PE *(FOX Engineering)*
Civil / Structural Engineer: Dan Metheny, PE *(FOX Engineering)*
Civil / Structural Engineer: Nikki Fint, PE *(FOX Engineering)*
Civil / Structural Engineer: Grant Martin, PE *(FOX Engineering)*
Civil Site Designer: Allison M. Carmichael
"Green" Architecture Design: Thomas R. Worlledge, AIA, LEED AP BD+C, REFP
"Green" Engineering Design: Bradley A. Crow, PE, LEED AP
Contract Administration/Project Coordination: Dana E. Womack, Jr.

Firm/Team Qualifications

c. We have experience with Exterior Renovation/Restoration projects, and have completed projects such as West Virginia Indepenedence Hall, Colson Hall for West Virginia University, and the Orrick Building to name a few. We also have vast experience with ADA upgrades; as with almost all of our renovation projects, ADA issues will have to be addressed. Some examples are the Capitol Theatre restoration, West Virginia Northern Community College's B&O Building, and we designed over 100 Post Offices throughout West Virginia for ADA compliance.

Our Landscape Architecture consultant, Hays Landscape Architecture Studio, will be utilized for their background with cultural/historic, ADA, parking lot, and signage experience.

FOX Engineering is a Disadvantaged Business Enterprise that will provide Structural and Civil Engineering Services.

d. With our team's previous experience on related projects, our vast experience with codes, and our great working relationship with various state agencies; we are confident that our team has the talent and technology needed to make this successful. Also, as your Architect/Engineer and single point of responsibility, you can be reassured of smooth project delivery and sensitivity to all relevant guidelines in our state.

e. If and when McKinley & Associates is honored to be offered a contract for the Building 25 Exterior Renovation project; we would have no issues including 'section e' into the contract documents.

f. You appropriately recognize how codes, and state / federal regulations are important to a successful project. Our professional's design within these codes daily, as our practice is and remains a West Virginia practice and we are dedicated more than ever to the state in which we live. All documents will be prepared with the current WV State Building Code and WV State Fire Code as well as all State and Federal Codes, Regulations, and Ordinances. McKinley & Associates has a good working relationship with the Fire Marshal and we will design to the States fire and Life Safety code. We are members of many organizations, and follow their standards, such as NFPA, CEFPI, AWI, WVEDC, AIA, NCARB, ASCE, ASPE, BOCA, ASHRAE, and ACI International.

We have worked with owners in many different sectors of business and have been able to comply with their various requirements and standards, including Federal Agencies such as the USPS, DOD, VA, FAA, HUD, EPA and NPS, and also State Agencies such as West Virginia University, Marshall University, West Virginia School Building Authority, West Virginia State Police, DOE, WVARNG, and the Department of Culture & History. We are able to respond to their needs, and we are certain that we are able to respond to all of your needs as well.

g. McKinley and Associates has not been involved in any litigation over the past five years. Our Firm's commitments to projects start with partnering with our clients and consultants as a preventive measure to disputes. By clarifying roles, responsibilities, and expectations we are able to minimize our litigation exposure. As the lead Architect, if a dispute does occur, our objective becomes to get the problem resolved by getting all parties involved together to resolve the matter without litigation. If this is unsuccessful then we recommend Alternative Dispute Resolution.

Design Team

Project Manager / Point of Contact

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Architectural Team

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Nicole D. Riley, Assoc. AIA

Engineering Team

Bradley A. Crow, PE, LEED AP
Director of Engineering Services / Mechanical Engineer / LEED Attributes

Tim E. Mizer, PE, RA
Director of Operations / Architectural Engineer

Travis Petri, EIT
Engineer Intern

Russell McClure
Senior Electrical Designer

Michael A. Heath
Fire Protection Designer

Darren S. Duskey, PE
Electrical Engineer

William D. Ciprella
Senior Mechanical Designer

Scott D. Kain
Plumbing & Electrical Designer

Allison M. Carmichael
Civil Site Designer

Consultant - Landscape Architecture

Wm. Gabriel Hays, ASLA

Philip T. Cole

Consultant - Structural/Civil Engineering

Jennifer W. Casey, PE

Dan Metheny, PE

Nikki Fint, PE

Grant Martin, PE

Construction Administration

Dana E. Womack, Jr.

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.

The most important element of the entire process becomes communication from you to our designers. We use and welcome your input throughout the project. We continually achieve success in projects by maintaining **time and cost management, quality control and excellent communication** amongst the client and contractors. You will have the ability to review the plans and specifications at different completion percentages of the development phase.

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 **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.

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 **14 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.

McKinley & Associates is very excited about the possibilities of this project. One of the more exciting aspects of our job is **listening to YOU,** our client, in how you envision your project, and transforming your ideas into realities. This can only be accomplished by effectively **working together** with you. Most of our current clients have been with our firm for many years. The main reason we have been able to maintain this relationship is because we **LISTEN** to their needs.

Our **Philosophy** is to provide our clients with experienced leadership as well as state-of-the-art and innovative design expertise to accomplish the goals of their project. **Function, economics and versatility**, in addition to the development of **strong aesthetic appeal,** are crucial elements in our design process. We also believe that enhancement of the physical environment in which each individual lives and works should add significantly to the enjoyment of life. Our firm has dedicated our professional skills to attain these goals.

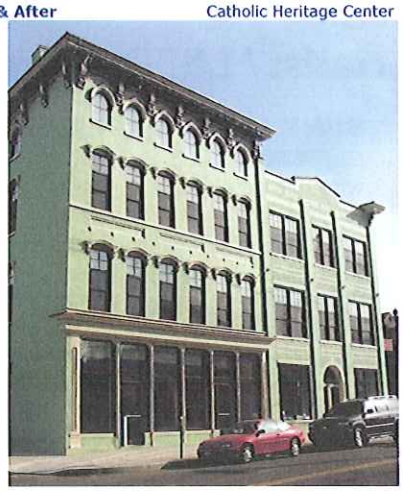
The firm uses a number of different **cost estimating** procedures depending on the type and size of project. Our ability to **design within budget** is shown in the following, which represent some of our recently bid projects:

PROJECT	BUDGET	ACTUAL	DIFFERENCE	+/-
Wood Co. - Williamstown HS	$11,635,000	$11,253,000	$382,000	-3.39%
Weirton State Building	$4,291,000	$4,083,000	$208,000	-5.09%
Hancock Co. Schools	$11,000,000	$11,260,000	$260,000	+2.36%
WV Northern Annex	$7,900,000	$6,850,000	$1,050,000	-15.33%
WV Northern Phase II	$1,200,000	$1,194,000	$6,000	-0.50%
Wheeling YMCA	$2,200,000	$2,100,000	$100,000	-4.76%
WVU Colson Hall	$5,400,000	$5,500,000	$100,000	+1.85%
John Marshall Fieldhouse	$3,755,000	$3,518,000	$237,000	-6.73%
Central Elementary	$3,037,000	$3,017,000	$20,000	-0.66%
Maxwell Centre	$1,800,000	$1,734,000	$66,000	-3.81%

The Marshall County School Bond Project's total budget is $37,000,000.
To date, we are $1,000,000 under budget.

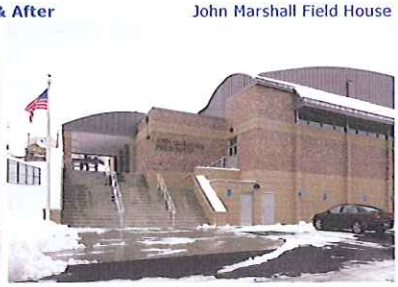
Qualifications

Before & After — Catholic Heritage Center



Before & After — Orrick Global Operations Center

Before & After — John Marshall Field House



Before & After — Artisan Center

Founded 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, 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 AIA Merit Awards for our works.**

The McKinley experience in commercial projects include Corporate Office Complexes, Business Parks, Cultural Centers, Senior Centers, Daycare Facilities, National Call Centers, plus many more. We have vast office building experience in both new building and addition/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.

As **West Virginia's largest A/E firm, our 37 person Professional staff** includes: Architects; Civil, Electrical, Plumbing & Fire/Life Safety, Mechanical and Structural Engineers; Construction Administrators; LEED Accredited Professionals; Quality Controllers; Interior Designers and Recognized Educational Facilities Planners. **We have provided professional services in all 55 counties of West Virginia.**

Req#: GSD126415

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Charleston Office Area Manager

Architect / Educational Specialist / 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:
Ohio
Pennsylvania
Tennessee
Virginia
West Virginia

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 25 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:

Architect:

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg High School Link project

Wood County Schools - Williamstown High School

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

SMART Office in Williamson, WV (LEED Registered)

Bellann in Oakhill, WV (LEED Registered)

West Virginia State Police Academy - Renovations to Buildings A, B, and C; New Building D (Shooting Range Control Center)

West Virginia State Police Academy Multi-Purpose Building

West Virginia State Police - New Logan Detachment

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

Hilltop Elementary School - Marshall County Schools (LEED Certified)

Marshall County Schools - Sherrard Middle School

Marshall County Schools - McNinch Elementary School

Boone County Schools - Brookview Elementary School Phase I & II

Boone County Schools - Honors Academy

WVU Institute of Technology - Maclin Hall renovations

Req#: GSD126415

Nicole D. Riley, Assoc. AIA

Architect Intern

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:

Design Team - *Parkersburg South High School, Wood County*
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. Renovation design implemented ADA and Safe Schools initiatives. New Day Care facility was designed for the school system's training curriculum.

Project Manager - *Mythology Office*
This 1,650 SF interior build-out and renovation project involved architectural, engineering and interior design services. Mythology was a start up marketing and branding consultation firm headed by Jeff James, a veteran of the Microsoft Marketing engine. Taking elements from Jeff's background, such as his eclectic taste in music and art, the interior exudes a masculine nature while welcoming the first time client. The offices and conference room have a calming palette of light greens and blues in the modular carpet.

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.

Project Manager - *Sherrard Middle School, Marshall County*
This project included the demolition, renovations and additions to the 69,324 SF educational facility. Scope of work included new dining and classroom facilities, new commercial kitchen and emphasis on security. This facility is one of ten system-wide coordinated access control.

Design Team - *Hilltop Elementary School, Marshall County*
This $8.4 million project for Marshall County Schools is the first and only LEED Certified school in West Virginia. This school is 49,700 Square Feet, and the total non-owner change orders is 0.83%.

Req#: GSD126415

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
Maryland
Pennsylvania

LEED® Accredited Professional

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Director of Engineering
Wheeling, WV (2005 to present)

BDA Engineering
Design Engineer / Project Manager
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 both a Professional Engineer and a **LEED Accredited Professional**, and has recently been appointed Director of Engineering Services at McKinley & Associates. His broad experience gives him the ability to understand and coordinate the various MEP systems within a buildings envelope in both new design and existing structures. He has headed numerous MEP projects for various building systems ranging from educational, commercial offices, retail, dormitories, and medical facilities. He has recently designed a Chilled Beam HVAC System for the Cameron Middle/High School Facility which will be the first of its kind in West Virginia.

NOTABLE PROFESSIONAL EXPERIENCES:

Mechanical Engineer

Wood County Schools ($63+ million renovations)

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Wood County Schools - Franklin Elementary School HVAC

Wood County Schools - Blennerhassett Middle School HVAC and bo

Wood County Schools - Kanawha Elementary HVAC

Charleston Area Alliance Building - Warehouse to Office Buildout

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

Bennett Square Office Building

Dr. Ganzer Office Building

Panhandle Cleaning & Restoration warehouse and office building

West Virginia State Office Building in Logan, WV (LEED registered)

Cabela's Eastern Distribution Center (1.2 million SF building includes a 32,670 SF administrative office building)

WVU Colson Hall renovations (office and classroom building)

West Virginia State Police Academy - multiple buildings

West Virginia State Police - Jackson County Detachment

USPS - Charleston Processing and Distribution Center

USPS - Martinsburg Processing and Distribution Center

Marshall County Schools - Hilltop Elementary (LEED Certified)

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

Req#: GSD126415

Tim E. Mizer, PE, RA

Director of Operations

Architectural Engineer / Architect / Quality Control

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:

Wood County School Bond Project ($63+ mil.)

Orrick Building (Office Building)

Maxwell Centre (Office Building)

Wagner Building (Office Building)

Bennett Square Office Building

Dr. Ganzer Office Building

WVU Colson Hall (office and classroom building)

Panhandle Cleaning & Restoration (warehouse and office building)

West Virginia Independence Hall historic preservation/renovation

Capitol Theatre historic preservation/renovation

Wheeling Island Casino - various projects

Cabela's Eastern Distribution Center

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

West Virginia State Office Building in Weirton, WV

West Virginia State Police - renovations and new detachments
Also surveyed, reviewed, projected, budgeted, and documented 72 police facilities statewide

Marshall County Schools - Hilltop Elementary (LEED Certified)

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

Marshall County Schools ($38+ mil.)

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

Req#: GSD126415

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
Pennsylvania
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
Bennett Square Office Building

Panhandle Cleaning & Restoration warehouse and office building

Dr Ganzer Office Building

WVSP Headquarters *(Upgrade electrical service)*

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

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

West Virginia State Building in Weirton, WV

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

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

United States Postal Service - statewide post offices

Cabela's Eastern Distribution Center *[New large (~1,200,000 SF) distribution center services, electrical design]*

Marshall County Schools - Hilltop Elementary (LEED Certified)

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

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

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

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

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

Req#: GSD126415

Travis Petri, EIT

Engineer Intern

EDUCATION:

West Virginia University
B.S. in Mechanical Engineering - 2003

PROFESSIONAL REGISTRATIONS:

Engineer Intern

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Project Engineer
Wheeling, WV (2006 to present)

Petri Detailing
Owner/Sole Proprietor
Wheeling, WV (2000 - 2006)

Mountaineer Gas Company
Engineering Internship
Wheeling, WV(1999)

SUMMARY OF EXPERIENCE:

Mr. Petri is skilled in the complete design and project management of mechanical systems, whether it is renovations or new construction. He has worked on several LEED projects, performed multiple energy studies, and can provide recommendations to building owners to provide energy savings.

NOTABLE PROFESSIONAL EXPERIENCES:

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

West Virginia Independence Hall historic preservation

Logan State Office Building (LEED Registered project)

West Virginia State Police - Logan Detachment

West Virginia State Police - Academy

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

United States Postal Service - multiple projects

Marshall County Schools - Hilltop Elementary (LEED Certified)

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

Southern WV Community & Technical College - Wyoming/ McDowell campus

Southern WV Community & Technical College - Williamson campus

Ohio County Schools - Bridge Street Middle School

Marshall County Schools - Washington Lands

Hancock County Schools - Oak Glen High School

Hancock County Schools - Weir Middle School / High School

West Virginia Northern Community College - B. & O. Building

Braxton Co Senior Center

William D. Ciprella

Senior Mechanical Designer

PROFESSIONAL AFFILIATIONS AND REGISTRATIONS:

ASHRAE

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (2009 to present)

Burt Hill
Pittsburgh, Pa (2007-2009)

McKinley & Associates
Wheeling, WV (2005 to 2007)

Astorino Branch Engineers
Pittsburgh, PA (1995-2005)

SUMMARY OF EXPERIENCE:

Mr. Ciprella brings over 45 years experience designing HVAC systems for industrial, institutional, and commercial facilities. He has 26 years experience using Autocad software, and twelve years using Microstation software. In addition, Bill has 35 years experience using computerized heating and cooling load calculation software. He has worked on the UPMC Cancer Centers, UPMC Passavant East Wing Addition, various projects at the Children's Hospital of Pittsburgh, Presbyterian Hospital of Pittsburgh, and various VAMCs in Pennsylvania.

NOTABLE PROFESSIONAL EXPERIENCES:

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Wood County Schools - Franklin Elementary School HVAC

Wood County Schools - Blennerhassett Middle School HVAC and boiler

Wood County Schools - Kanawha Elementary HVAC

West Virginia University - Colson Hall (office & classroom building)

West Virginia Army National Guard - Multipurpose Building

United States Postal Service - Williamson, WV

United States Postal Service - HVAC in Grafton, WV

United States Postal Service - Clarksburg, WV

United States Postal Service - Charleston, WV

United States Postal Service - Huntington, WV

United States Postal Service - HVAC & Windows in Altoona, PA

United States Postal Service - New Cumberland, PA

United States Postal Service - Corry, PA

United States Postal Service - Monongahela, PA

United States Postal Service - HVAC in Washington, PA

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

Wetzel County Schools - Long Drain Elementary HVAC

Wetzel County Schools - New Martinsville School HVAC

Wetzel County Schools - Magnolia High School

Wetzel County Schools - Center for Children & Families

Wetzel County Schools - Maintenance Facilities

Russell McClure

Senior Electrical Designer

SUMMARY OF EXPERIENCE:

Mr. McClure is the seniormost designer in our firm. Specializing in electrical design, he has over 14 years experience at McKinley & Associates in electrical, HVAC, plumbing, structural and architectural design. He also has performed construction administration duties ranging from a single family housing complex to complete HVAC replacements on multi-million dollar projects. In the past two years, he has performed the electrical evaluations on all of the schools in our 14 counties' Comprehensive Educational Facilities Plans; over 160 schools in all.

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Wheeling, WV (1996 to present)

NOTABLE PROFESSIONAL EXPERIENCES:

Wood County Schools - Parkersburg High School
Wood County Schools - Parkersburg South High School
Wood County Schools - Williamstown High School
West Virginia State Office Building in Logan, WV (LEED Registered)
Maxwell Centre (office building)
Orrick Building (office building)
Wagner Building (office building)
Bennett Square Office Building
Dr. Ganzer Office Building
WV Independence Hall
Catholic Heritage Center
Capitol Theatre
US Can renovation
OVMC Nurses Residence Hall
West Virginia State Police - multiple projects
United States Postal Service - multiple projects
Cabela's Eastern Distribution Center
Sisters of St. Joseph's Convent rehabilitation
West Virginia University - Colson Hall renovations/upgrade
West Virginia University - State Fire Training Academy
WVU Institute of Technology - Maclin Hall
West Virginia Northern Community College - B. & O. Building
West Virginia Northern Community College - Education Center
Marshall County Schools - Cameron Middle/High School (LEED Registered)
Marshall County Schools - Hilltop Elementary School (LEED Registered)
Marshall County Schools - John Marshall High School
Marshall County Schools - Sherrard Middle School
Marshall County Schools - Moundsville Middle School
Marshall County Schools - Central Elementary School
Boone County Schools - Scott High School electrical
Boone County Schools - Brookview Elementary School
Boone County Schools - Madison Middle School electrical
Boone County Schools - electrical upgrades and data cabling at Van Junior/Senior high School, Sherman Junior High, Sherman High, Nellis Elementary, Whitesville Elementary and Van Elementary

Req#: GSD126415

Scott D. Kain

Plumbing & Electrical Engineering Designer

EDUCATION:

Technology Education College /
Ohio State University
Associates in Mechanical Design - 1996

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Engineering Designer
Wheeling, WV (2001 to present)

HAWA Inc.
Mechanical Designer
Columbus, OH (1998-2001)

Autotool Inc.
Engineer
Columbus, OH (1995-1998)

SUMMARY OF EXPERIENCE:

Mr. Kain is an accomplished engineering designer who has performed in all the engineering trades we provide; specializing in plumbing, fire protection, and electrical. He has also worked for various McKinley & Associates' projects that needed mechanical, structural, and architectural elements. In addition, Mr. Kain has also provided 3D renderings for various projects over the past 10 years.

NOTABLE PROFESSIONAL EXPERIENCES:

Wood County Schools - Parkersburg High School

Wood County Schools - Parkersburg South High School

Wood County Schools - Williamstown High School

Charleston Area Alliance Building - Warehouse to Office Buildout

Maxwell Centre (office building)

Orrick Building (office building)

Wagner Building (office building)

Bennett Square Office Building

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

West Virginia State Office Complex in Weirton, WV

West Virginia State Police - Logan Detachment

West Virginia State Police - Academy

Dr. Ganzer Office Building

Sisters of St. Joseph's Convent rehabilitation

Catholic Heritage Center

WV Independence Hall

OVMC Nurses Residence Hall

West Virginia University - Colson Hall renovations/upgrade

West Virginia University - State Fire Training Academy

WVU Institute of Technology - Maclin Hall

West Virginia Northern Community College - B. & O. Building

West Virginia Northern Community College - Education Center

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

Marshall County Schools - Hilltop Elementary School (LEED Certified)

United States Postal Service - multiple projects

Req#: GSD126415

Michael A. Heath

Mechanical, Fire & Life Safety Engineering Designer

EDUCATION:

ITT Technical Institute
Associate Degree in Specialized Technology:
Computer-Aided Drafting Technology - 2000

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Mechanical, Fire & Life Safety Designer
Wheeling, WV (2007 to present)

Janus, Inc.
AutoCAD Designer / Project Manager
Pittsburgh, PA (2002-2007)

Comunale Automatic Sprinkler
Fire Protection Designer
Pittsburgh, PA (July 05 - Oct 05)

S.A. Comunale Inc.
Fire Protection Designer
Pittsburgh, PA (2000-2002)

SUMMARY OF EXPERIENCE:

Mr. Heath brings a cross-trained design background to your project, and has vast knowledge in a diverse range of disciplines. He was trained by the National Fire Protection Association (NFPA) in Dallas, Texas, and has used these skills to work on projects from multiple business sectors and with various sizes, such as the 4 story, 1,500,000 square foot David L. Lawrence Convention Center in Pittsburgh, Pennsylvania. He has vast expertise in designing and calculating fire protection systems, standpipes, dry and wet systems, hydraulics, and water cannons; stock listing materials for systems; as well as surveying job sites and frequent business trips to coordinate jobs.

NOTABLE PROFESSIONAL EXPERIENCES:

Capitol Theatre

West Virginia Independence Hall

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

Cameron Middle School/High School in Cameron, WV (LEED Registered Project)

West Virginia Army National Guard - Multipurpose Building at Camp Dawson

For 14 West Virginia counties; provided Fire Protection and Mechanical assessments at every school, for their 10-year Comprehensive Educational Facilities Plan (CEFP).

J. B. Chambers Performing Arts Center at Wheeling Park High School - Ohio County Schools

Madison Elementary School

John Marshall Fieldhouse

McNinch Elementary School

Sherrard Middle School

Cameron Elementary School addition

Tyler County Schools - 3 HVAC projects

Wetzel County Schools - Long Drain Elementary HVAC

Req#: GSD126415

Allison M. Carmichael

Civil Site Designer

EDUCATION:

Youngstown State University
B.S. Civil Engineering Technology - 2000

Kent State University
Architectural Drafting Technology - 1983

PROFESSIONAL EMPLOYMENT:

McKinley & Associates
Civil Site Designer
Wheeling, WV (2006 to present)

Lynn, Kittinger & Noble Inc.
Staff Engineer
Warren, OH (2003-2006)

Engineering Services & Consultants Inc.
Staff Engineer
Youngstown, OH (2001-2003)

The Cafaro Company
Civil Engineering Technologist
Youngstown, OH (1992-2001)

A. C. Charnas & Associates
Drafter, Soil Technician
Warren, OH (1983-1992)

SUMMARY OF EXPERIENCE:

An extremely talented Designer with experience in planning, governmental permitting, design, construction documents, cost analysis and procurement, request for information during construction and inspections. Her qualifications include experience with site development for commercial, industrial, institutional, and residential properties.

NOTABLE PROFESSIONAL EXPERIENCES:

Responsibilities include design work and project management of site development projects that include commercial, institutional and residential

Concentration is in Zoning, Storm water management and Phase II Water Quality site implementation

Managed projects with clients to plan and design sites for residential, commercial and industrial use; from conceptual stage to securing project approvals for construction

Designed and developed contract documents

Estimated site construction costs

Performed construction inspection

Supervised and instructed co-employees on engineering projects

Secured project approvals through local, state and federal governmental organizations

Examples of projects included a residential subdivision consisting of fifty-five 0.50-acre lots; an 8-acre residential retirement facility; and an 18-acre construction and demolition debris landfill

Commercial Projects include banking, retail and restaurant sites; either stand-alone sites or outparcel development

Institutional Projects include additions, renovations and new site development

Req#: GSD126415

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:

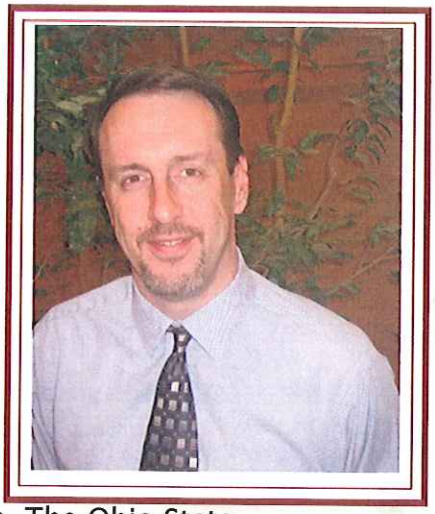
Construction Administrator (Project Coordinator) for:
Cement Mason Training Building in Parkersburg
West Virginia State Police Academy renovations
WVSP Logan Detachment
West Virginia State Building in Logan, WV (LEED Registered)
Brookview Elementary - Boone County Schools
Honors Academy - Boone County Schools
Madison Middle - Boone County Schools
Scott High - Boone County Schools
Summers County High - Summers County Schools
Williamson Campus HVAC and Roof - Southern WV Community & Technical College (SWVCTC)
Wyoming/McDowell Campus HVAC - SWVCTC

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.
Montrose Elementary Elevator Addition
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.

HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.



WM. GABRIEL HAYS, ASLA

Hays Landscape Architectural Studio, Ltd.

POSITION Principal (1997-Present)

EDUCATION Bachelor of Science in Landscape Architecture, The 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, ex-officio 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

"*Mother Earth News Green Home at Seven Springs Project Overview*," Seven Springs 1st Annual Mother Earth News Fair, September, 2010

"*Landscape Architecture of the Country Place Era Estates, 1890-1933*" Stan Hewett Symposium, October 17, 2008.

"*Comparison of English &French Landscape Design Styles 1600-1900*" Flushing Garden Club 75th Anniversary, Flushing, OH, April. 2007

"*Board Development & Revenue Master Planning*," Mountwood Park Board Retreat, Waverly, 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 WVU, March, 2006.

"Cultural Landscapes: Scenic Byways and the Historic National Road," Restoration and Renovation Conference, Cleveland, OH, 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, 2000.

HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

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
301 Green Wall Design

AWARDS

Project B.E.S.T. Award for Wheeling Heritage Port Phase III - December 6, 2006.
Project B.E.S.T. Award Grand Vue Aquatic Center & Marshall County Courthouse- December 2010.
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

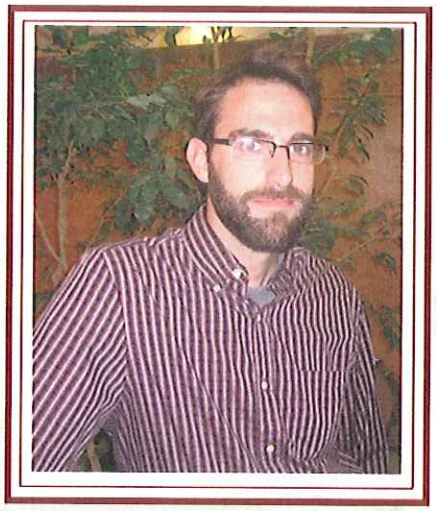
EXPERIENCE

Gabe 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 housing, 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.

Hays earned top honors in the academic realm. After completion of his undergraduate program, he participated in studies abroad. Hays also 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.

HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.



PHILIP T. COLE

Hays Landscape Architectural Studio, Ltd.

POSITION

Graduate Landscape Architect,
Project Manager (2006-present)

EDUCATION

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

ORGANIZATIONS

- Appalachian Trail Conservancy Member (2009-present)
- Vice President of the St. Clairsville Architectural Review Board (2007-present)
- Co-chair design committee for the St. Clairsville Revitalization Task Force (2007 to present)
- Member of the "Build, Live, Green" Networking forum (2008-present)
- St. Clairsville Rotary International (2007 to 2009)
- Community Design Team, Point Marion, PA (2006)
- Greene County Economic Development Steering Committee (2005-06)
- Adopt-A-Highway Pennsylvania Chapter (2005- present)

SPEAKING ENGAGEMENTS

"Outdoor Classrooms," Bridgeport High School, February 16, 2007
"Addressing Urban Spaces the Green Answers" Wheeling Master Gardeners January 21, 2011
"A Week on the Appalachian Trail" St. Clairsville Rotary Club, August 9, 2011

ARTICLES

"The Grass is Greener on *Our* side" The *Intelligencer*, May.10 2010
"The Science of Salt" *The Intelligencer*, Feb.10 2010
"Community Gardens," *The Intelligencer*, Sept. 30, 2009
"The Greening of Our Brownfields," *The Intelligencer*, May 5, 2009
"Know Your Plants Worst Enemies," *The Intelligencer*, Sept.10 2008

EXPERIENCE

Beyond site design services, Mr. Cole's work at Hays LAS includes project management and construction administration. Specific projects including: Wheeling Heritage Port Phase III, Grand Vue Family Fun Center, Wheeling Island Hotel Casino and Racetrack, Seven Springs Resort Spa, Logan Plaza, Willow Glen Historic Gardens, Valley Hospice Memorial Garden, St. Clairsville Park and Hays LAS residential clients.

He offers exceptional skills in conveying ideas with hand rendered and digital graphics varying from simple design concepts to presentation perspectives and master plans.

CONTINUING EDUCATION

History of Architecture: Civil War to Present, Belmont Technical College, 08'

AWARDS

Project B.E.S.T. Award for Grand Vue Aquatic Center- December, 2010.
Community Service Award: "For outstanding dedication to the community of The City of St. Clairsville..." October, 10 2007

145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com

JENNIFER W. CASEY, P.E. — *PRESIDENT*

Mrs. Casey has over 17 years of bridge design and related experience, some of which was acquired while an employee of WVDOT. She has been responsible for the complete design of both state- and federally-funded bridge projects which involve the completion of hydraulic studies, superstructure design, substructure design, and contract plan preparation. Mrs. Casey founded FOX Engineering in 2001 and continues to serve as the sole owner and decision maker of this growing firm.

EDUCATION

West Virginia University – BS, Civil Engineering 1994

REGISTRATIONS

Registered Professional Engineer: WV (13985), OH (64206), SC (20031), IN (10201196), MD (32912)
Licensed Engineering Contractor #WV041041
Safety Inspection of In-Service Bridges – NHI Course 130055A

RELEVANT BACKGROUND

Bridge Design and Rehabilitation – Project engineer responsible for management, design, review, and coordination of different areas and phases of bridge projects. The types of bridges include steel plate girders, both straight and horizontally curved, prestressed concrete I-beams, and timber bridges. The bridges range in length from 150 to 2,300 feet. Substructure design includes conventional, semi-integral and integral abutments, mechanically stabilized earth retaining walls, as well as single and multicolumn piers. Representative projects include:

- Corridor H – Bismark to Forman; Grant County, West Virginia
- Cotton Hill Bridge; West Virginia Route 16, Fayette County, West Virginia
- Earling Bridge; West Virginia Route 10, Logan County, West Virginia
- East River Bridge; Interstate 77, Mercer County, West Virginia
- Elkins Bypass – U.S. Route 219 to Canfield; Randolph County, West Virginia
- Man Bridge; West Virginia Route 10, Logan County, West Virginia
- Mercury Boulevard Interchange; Hampton, Virginia
- Millville Quarry Access Bridge; West Virginia Route 9, Jefferson County, West Virginia
- Milton Covered Bridge Historic Restoration; Pumpkin Festival Grounds, Cabell County, West Virginia
- Moorefield Interchange Bridge; Hardy County, West Virginia
- Rita Bridge; West Virginia Route 10, Logan County, West Virginia
- Spring Valley Bridge; Wayne County, West Virginia
- Three Forks Creek Bride; Tyler County, West Virginia
- Trace Fork Pony Truss Bridge Replacement; Route 32, Lincoln County, West Virginia
- West 19th Street Overpass Bridge; Interstate 64, Cabell County, West Virginia

Box Culvert Design – Project engineer responsible for design, review, and coordination of different areas and phases of concrete box culvert projects. The culverts range in length from 70 to 250 feet. Representative projects include:

- Elkins Bypass – U.S. Route 219 to Canfield; Randolph County, West Virginia
- Spring Valley Bridge; Spring Valley Drive, Wayne County, West Virginia

Retaining Wall Design – Project engineer responsible for design, review, and coordination of different areas and phases of retaining wall projects, including cast-in-place walls and mechanically stabilized earth (MSE) walls. Representative projects include:

- Spring Valley Bridge; Spring Valley Drive, Wayne County, West Virginia
- West Virginia Route 10 Walls, West Virginia Route 10 – Man to Rita; Logan County, West Virginia

Structural Condition Inspections – Served as a Team Leader and assisted in the inspection of bridges ranging in length from 20 feet to 2,400 feet. Services included preparation of reports, load ratings, and stress analysis. Representative projects include:

- Bigley Avenue Bridges; Charleston, West Virginia
- High Street Bridge; Morgantown, West Virginia
- Lee Avenue Bridge; Weirton, West Virginia
- Milton Covered Bridge; Milton, West Virginia
- West 19th Street Overpass Bridge; Huntington, West Virginia
- Wheeling Tunnel; Wheeling, West Virginia

Bridge Rating and Analysis – Assisted in conducting stress analysis and load rating for a variety of bridges throughout West Virginia. Representative bridge projects include:

- High Street Bridge; Morgantown, West Virginia
- West 19th Street Overpass Bridge; Huntington, West Virginia

Municipal Engineering Services – Provided engineering services such as preliminary and final design, construction inspection and management, assistance with funding applications, development of construction cost estimates, and utility coordination. Representative clients include:

- Alpine Theatre Restoration Chairman, Subcommittee of Main Street Ripley; Ripley, West Virginia
- City of Ravenswood Downtown Beautification; Ravenswood, West Virginia
- Jackson County Commission; Ripley, West Virginia
- Main Street Ripley; Ripley, West Virginia

TRAINING

- Safety Inspection of In-Service Bridges – NHI Course No. 130055; Richmond, Virginia, 1999
- Introduction to Stream Functions and Processes: Course I; Canaan Valley, West Virginia, July 2002

MEMBERSHIPS, AFFILIATIONS AND HONORS

American Council of Engineering Companies (ACEC)
American Council of Engineering Companies of West Virginia (ACEC/WV)
American Institute of Steel Construction (AISC)
American Society of Civil Engineers (ASCE)
Architectural Engineering Institute (AEI)
National Society of Professional Engineers (NSPE)
2004 Jackson County Businessperson of the Year
2007 Who's Who in WV Business – West Virginia State Journal
2008 Generation Next WV – West Virginia State Journal
2009 Young Gun for WV Executive Magazine

DAN A. METHENY, P.E. — *DESIGN ENGINEER/ENGINEERING MANAGER*

Mr. Metheny has over ten years of highway design and related experience. His experience includes the geometric design of four-lane divided highways, two-lane arterials and interchanges on new and existing alignments; as well as, structural condition inspections of in-service bridges, structural design of bridge substructure units, structural shop drawing review, commercial site development and residential subdivisions.

EDUCATION

West Virginia Institute of Technology – BS, Civil Engineering 1997

REGISTRATION

Registered Professional Engineer: WV (16389), KY (24365)
NHI – Safety Inspection of In-Service Bridges – NHI Course 130055A

RELEVANT BACKGROUND

Highway Design – Served as a designer on various highway projects ranging in size from small bridge replacements to over two-mile sections of four-lane divided highway on new alignment. During this time he has designed horizontal alignments, vertical alignments, intersections and superelevation for four-lane divided highways, interchanges, two-lane arterials and secondary routes; as well as, preparing all aspects of right-of-way plans and highway construction plans. He has also performed design studies requiring design and evaluation of alternate horizontal and vertical alignments for various corridors and interchanges. He has served as Project Manager on multi-million dollar design contracts where he has coordinated the design efforts of large in-house design teams, design sub-consultants, surveying sub-consultants, geotechnical sub-consultants, managed soil boring contracts and performed quality assurance/quality control reviews of highway construction plans. Representative examples of his experience include:

- 2.5 Miles of U.S. Route 50, Appalachian Corridor D – Interstate 77 to Alternate Route 14/East Street; Wood County, West Virginia
- 1.55 Miles of U.S. Route 50, Appalachian Corridor D – Ohio Route 618 to Greenland Addition; Washington County, Ohio and Wood County, West Virginia
- 0.20 Miles of Huntington Commerce Park Access Road; Cabell County, West Virginia
- 0.14 Miles of County Route 36 at Radnor; Wayne County, West Virginia
- 0.13 Miles of Interstate 77 at the Medina Interchange; Jackson County, West Virginia
- 0.11 Miles of West Virginia Route 10 Bridge Replacement over Merritt Creek at Sarah; Cabell County, West Virginia
- New River Parkway Design Study – Hinton, West Virginia to Interstate 64; Raleigh & Summers Counties, West Virginia

Highway Bridge Design – Served as a designer on various bridge replacement projects. During this time he has designed sub-structure units, reviewed shop drawings and assisted in the preparation of Span Arrangement and Type, Size & Location submissions. He has also served as Project Manager on large Corridor projects coordinating the design of as many as nine highway bridges and 950-feet of retaining wall on a single project. Representative examples of his experience include:

- Fort Washington Way, Contract No. 6 – Ramp J Bridge; Hamilton County, Ohio
- Eckman Overhead Bridge Replacement; U.S. Route 52, McDowell County, West Virginia

Structural Condition Inspections – Assisted in the inspection on various bridges throughout West Virginia. Responsibilities included hands-on inspection, visual inspection, and the preparation of inspection reports. Representative examples of his experience include:

- Bigley Avenue Bridges; Charleston, West Virginia
- Richard J. "Dick" Henderson Memorial Bridge over the Kanawha River; St. Albans, West Virginia
- Corporal Thomas Bennett Memorial Bridge "Uffington Truss" over the Monongahela River; Morgantown , West Virginia

Commercial/Residential Site Development – Served as a Project Manager and designer on various commercial and residential site development projects. During this time he prepared site grading plans, lot layouts, site utility plans and storm water pollution prevention plans (SWPPP). He has also prepared necessary documents to obtain permits from local, state and federal agencies including the WV Department of Environmental Protection (WVDEP), WV Division of Natural Resources (WVDNR), WV Department of Transportation (WVDOT), WV Department of Health & Human Resources (WVDHHR) and the US Army Corps of Engineers (USACOE). Representative examples of his experience include:

- Neal Run Crossing – 40 acre Commercial Development; Wood County, West Virginia
- Sterling Ridge – 70 Acre Commercial/Residential Development; Harrison County, West Virginia
- Stoney Creek – 43 acre residential subdivision; Jackson County, West Virginia
- Washington Woods Estates – 115 acre residential subdivision; Jackson County, West Virginia

Wastewater – Served as a design engineer assisting in the design and preparation of construction plans for a gravity sanitary sewer collection system. During this time he prepared plan and profile layouts of the proposed collection system and prepared easement exhibits. Representative examples of his experience include:

- Wastewater Collection System – Lubeck Public Service District, Wood County, West Virginia

Geographic Information Systems (GIS) – Technician responsible for preparation of Land Base mapping from aerial photography utilizing GIS mapping software as part of development of a fully integrated digital mapping system of gas utilities. Utility and customer locations were established through the use of Global Positioning System (GPS) equipment. Line information such as installation date, type, pressure, leaks, and customers were attached to elements within the digital map using an Oracle database system.

TRAINING

- Moving to MicroStation Training Course; AEC Cadcon, Cincinatti, Ohio, July 1998
- GEOPAK Road I Training Course AEC Cadcon; Columbus, Ohio November 1998
- GEOPAK Road II Training Course GEOPAK Corporation; North Miami Beach, Florida, June 1999
- GEOPAK Survey Training Course AEC Cadcon; Columbus, Ohio, March 2005
- Safety Inspections of In-Service Bridges – NHI Course No. 130055; West Virginia Department of Highways, August 2005

MEMBERSHIPS, AFFILIATIONS AND HONORS

American Society of Civil Engineers (ASCE)

NIKKI L. FINT, P.E. — *DESIGN ENGINEER*

Ms. Fint has over a decade of bridge design and related experience. Her experience includes the design of single span and multi-span bridges, bridge replacement projects, preparation of construction plans, hydraulic studies, preliminary roadway design, shop drawing review and structural condition inspection of in-service bridges.

EDUCATION

West Virginia University – MS, Civil Engineering 1998

West Virginia Institute of Technology – BS, Civil Engineering 1995

REGISTRATION

Registered Professional Engineer: WV (15185)

RELEVANT BACKGROUND

Bridge Design and Rehabilitation – Project engineer responsible for management, design, review, and coordination of different areas and phases of bridge projects. The types of bridges include steel plate girders, rolled steel beams, prestressed concrete I-beams and concrete box beams. Substructure design includes semi-integral and integral abutments, mechanically stabilized earth retaining walls, as well as single and multicolumn piers. Representative projects include:

- Center Street Bridge Replacement; Bridgeport, Harrison County, West Virginia
- Clark Memorial Bridge Rehabilitation; Louisville, Kentucky
- Huntington Commerce Park Bridge; County Route 52/9, Cabell County, West Virginia
- Midway Plaza Bridge; West Virginia Route 10, Logan County, West Virginia
- Osage Temporary Bridge; US Route 19, Monongalia County, West Virginia
- Paw Paw Overpass Bridge Replacement; West Virginia Route 9, Morgan County, West Virginia
- Radnor Thru Truss Bridge Replacement; County Route 36, Wayne County, West Virginia
- Scraggs Drive Bridge Replacement; Charleston, Kanawha County, West Virginia
- Shiloh Bridge Replacement; County Route 14/4, Tyler County, West Virginia
- U.S. Route 50 Bridge over Buckeye Street; Parkersburg, Wood County, West Virginia
- U.S. Route 50 Bridge over County Route 50/2; Parkersburg, Wood County, West Virginia
- West Virginia Route 10 Bridge over Madison Branch; Logan County, West Virginia

Retaining Wall Design – Project engineer responsible for design, review, and coordination of different areas and phases of mechanically stabilized earth (MSE) retaining wall projects. Representative projects include:

- West Virginia Route 10 MSE Walls, West Virginia Route 10 – Rita to Dabney; Logan County, West Virginia
- West Virginia Route 892 MSE Wall, Appalachian Corridor D – Ohio Route 618 to Greenland Addition; Wood County, West Virginia

Structural Condition Inspections – Assisted in the inspection of bridges and preparation of reports. Representative projects include:

- 35th & 36th Street Bridges over the Kanawha River; Charleston, West Virginia
- Bigley Avenue Bridges; Charleston, West Virginia
- Richard J. "Dick" Henderson Memorial Bridge over the Kanawha River; St. Albans, West Virginia

Hydraulics Analysis – Preformed a hydraulic analysis through the use of HEC-RAS and HEC-2 to determine the impact of a proposed construction project on a watershed area. Representative projects include:

- Center Street Bridge Replacement; Center Street over Ann's Run, Bridgeport, Harrison County, West Virginia
- Radnor Thru Truss Bridge Replacement; County Route 36 over West Fork of Twelvepole Creek, Wayne County, West Virginia

Roadway Design – Engineer responsible for preliminary roadway layout and design, as well as final quantities and cost estimates. Representative projects include:

- 2.5 Miles of U.S. Route 50, Appalachian Corridor D – Interstate 77 to Alternate Route 14/East Street; Wood County, West Virginia
- 1.55 Miles of U.S. Route 50, Appalachian Corridor D – Ohio Route 618 to Greenland Addition; Washington County, Ohio and Wood County, West Virginia
- Paw Paw Overpass Bridge Replacement; West Virginia Route 9, Morgan County, West Virginia

Services During Construction – Engineer responsible for conflict resolution, plan interpretation, and shop drawing reviews including structural steel, prestressed concrete, and mechanically stabilized earth walls. Representative projects include:

- Eckman Overhead Bridge Replacement; U.S. Route 52, McDowell County, West Virginia
- Huntington Commerce Park Bridge; County Route 52/9, Cabell County, West Virginia
- Merritt Creek Bridge Replacement; West Virginia Route 10, Cabell County, West Virginia
- Paw Paw Overpass Bridge Replacement; West Virginia Route 9, Morgan County, West Virginia
- Scraggs Drive Bridge Replacement; Charleston, Kanawha County, West Virginia
- U.S. Route 50, Appalachian Corridor D – Interstate 77 to Alternate Route 14/East Street; Wood County, West Virginia
- U.S. Route 50, Appalachian Corridor D – Ohio Route 618 to Greenland Addition; Wood County, West Virginia

TRAINING

- GEOPAK Road I Training Course; AEC CADCON, Columbus, Ohio, November 1998
- FHWA Demonstration Project 82 Mechanically Stabilized Earth Walls and Reinforced Soil Slopes, Design and Construction Workshop; Charleston, West Virginia, October 1999
- Structures III Training; WVACE/WVDOT, Charleston, West Virginia, July 2001
- LRFD Bridge Design Training – Beyond The Basics; ACEC/WV & WVDOT, Charleston, West Virginia, October 2003
- Bridge Manual Training; ACEC/WV & WVDOT, Charleston, West Virginia, May 2004
- Structures IV Training; ACEC/WV & WVDOT, Charleston, West Virginia, November 2005

MEMBERSHIPS, AFFILIATIONS AND HONORS

American Institute of Steel Construction (AISC)
American Society of Civil Engineers (ASCE)
Structural Engineering Institute (SEI)
Tau Beta Pi, Engineering Honor Society

V. GRANT MARTIN, P.E. — *DESIGN ENGINEER*

Mr. Martin has twelve years of bridge design and related experience. His experience includes the design and structural analysis of several types of bridge superstructures and substructures, the preparation of contract plans, and structural condition inspection of in-service bridges.

EDUCATION

West Virginia Institute of Technology – BS, Civil Engineering 1999

REGISTRATION

Registered Professional Engineer: WV (15808), OH (69419), KY (24364)

RELEVANT BACKGROUND

Bridge Design – Project Engineer responsible for design, review, and coordination of different areas and phases of bridge projects. The types of bridges include steel plate girders, both straight and horizontally curved, and concrete I-beams. The bridges range in length from 76 to 2,200 feet, and have had skew angles up to 36 degrees. Substructure design includes conventional, semi-integral, and integral abutments, as well as single and multicolumn piers up to 100 feet in height. Representative projects include:

- Big Wana Bridge; West Virginia Route 7, Monongalia County, West Virginia
- Clark Street Bridge; North 3rd Street, Clarksburg, Harrison County, West Virginia
- Earling Bridge; West Virginia Route 10, Logan County, West Virginia
- Holcomb Bridge; County Route 20, Nicholas County, West Virginia
- Indian Fork Bridge; County Route 13, Gilmer County, West Virginia
- Jake's Run Bridge; West Virginia Route 7, Monongalia County, West Virginia
- Man Bridge; West Virginia Route 10, Logan County, West Virginia
- Martin Bridge; West Virginia Route 10, Logan County West Virginia
- Merritt Creek Bridge; West Virginia Route 10, Cabell County, West Virginia
- Rita Bridge; West Virginia Route 10, Logan County, West Virginia
- Rum Creek Bridge; County Route 14, Logan County, West Virginia
- Shiloh Bridge; County Route 14/4, Tyler County, West Virginia
- Trace Fork Bridge; County Route 32, Lincoln County, West Virginia
- Webster Bridge; U.S. Route 119, Taylor County, West Virginia
- Wellington Bridge; County Route 9, Roane County, West Virginia

Services During Construction – Engineer responsible for design of temporary structures, constructability checks, conflict resolution, plan interpretation, and shop drawing reviews including structural steel, prestressed concrete, and mechanically stabilized earth walls. Representative projects include:

- I-64 Over Hubbards Branch; Interstate 64, Wayne County, West Virginia
- I-64 Milton Interchange; Interstate 64, Cabell County, West Virginia
- Allensville Low Water Crossing; County Route 3/2, Berkeley County, West Virginia
- Knocking Run Box Culvert; West Virginia Route 7, Monongalia County, West Virginia
- Opequon Creek; West Virginia Route 9, Berkeley County, West Virginia
- Osage Temporary Bridge; US Route 19, Monongalia County, West Virginia
- Parsons Town Temporary Bridge; US Route 219, Tucker County, West Virginia
- Box Culvert Over Rush Creek; County Route 17, Jefferson County, Ohio

Structural Condition Inspection – Served as a team member and assisted with the inspection of bridges of lengths up to 2,400 feet, and preparation of reports. Representative projects include:

- Silver Memorial Bridge over the Ohio River; Point Pleasant, West Virginia
- Williamstown/Marietta Bridge over the Ohio River; Williamstown, West Virginia
- 35th & 36th Street Bridges over the Kanawha River; Charleston, West Virginia
- Bigley Avenue Bridges; Charleston, West Virginia

TRAINING

- Structures III Training; WVACE/WVDOT, Charleston, West Virginia, November 2001
- LRFD Bridge Design Training – Beyond the Basics; ACEC/WV & WVDOT, Charleston, West Virginia, October 2003
- Bridge Manual Training; ACEC/WV & WVDOT, Charleston, West Virginia, May 2004
- Structures IV Training; WVACE/WVDOT, Charleston, West Virginia, November 2005
- LRFD Foundation Design; ODOT, Marietta, Ohio, May 2007

MEMBERSHIPS, AFFILIATIONS AND HONORS

American Society of Civil Engineers (ASCE)
American Institute of Steel Construction (AISC)
Structural Engineering Institute (SEI)

Project Organization

McKinley & Associates has prepared a brief response to each of the evaluative criteria listed in the request for proposal's Project Organization (4.2.3) section. Much of the information is contained on other pages within this "Project Organization" tab, to which we refer for your convenience in locating the supporting documents.

a. Please see the "Firm / Team Qualifications" tab to see the personnel assigned to this project. The McKinley & Associates organization chart, and a copy of the proposed project team (flow chart), are included within this tab. The locations of the McKinley & Associates offices are:

McKinley & Associates
1116 Smith Street
Suite 406
Charleston, West Virginia 25301

— The Architecture, Construction Administration, Architectural aspects of "Green" (LEED) Design, and support services will be performed by our 8 member staff in our Charleston Office

McKinley & Associates
The Maxwell Centre
Thirty-Two - Twentieth Street
Suite 100
Wheeling, West Virginia 26003

— The MEP Engineering, Engineering aspects of "Green" (LEED) Design and support services will be performed by our staff in our Wheeling Office

Hays Landscape Architecture Studio
145 East Main Street
St. Clairsville, Ohio 43950

— The Landscape Architecture and support services will be performed by Hays LAS

FOX Engineering, PLLC
101 North Court Street
Ripley, WV 25271

— The Civil & Structural Engineering and support services will be performed by FOX Engineering

b. We know we can provide our services within the project time frame. Throughout the years we have worked on many "fast-track" projects, achieving success by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.

For example, in 2006 we designed an extensive ($5M) renovation of Maclin Hall, a historic 53,900 SF dormitory building on the campus of WV Tech, **in less than a month**. The project included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms.

There are many ways in which we will respond expeditiously to your needs. Our "In-House" registered professional architects and engineers work together everyday, have done most of the projects here as a group, and have the ability to make difficult schedules work. These team members have been working up to fifteen years together at McKinley & Associates.

Design Team

Project Manager / Point of Contact

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Architectural Team

Thomas R. Worlledge, AIA, LEED AP BD+C, REFP

Nicole D. Riley, Assoc. AIA

Engineering Team

Bradley A. Crow, PE, LEED AP
Director of Engineering Services / Mechanical Engineer / LEED Attributes

Tim E. Mizer, PE, RA
Director of Operations / Architectural Engineer

Travis Petri, EIT
Engineer Intern

Russell McClure
Senior Electrical Designer

Michael A. Heath
Fire Protection Designer

Darren S. Duskey, PE
Electrical Engineer

William D. Ciprella
Senior Mechanical Designer

Scott D. Kain
Plumbing & Electrical Designer

Allison M. Carmichael
Civil Site Designer

Consultant - Landscape Architecture

Wm. Gabriel Hays, ASLA

Philip T. Cole

Consultant - Structural/Civil Engineering

Jennifer W. Casey, PE

Dan Metheny, PE

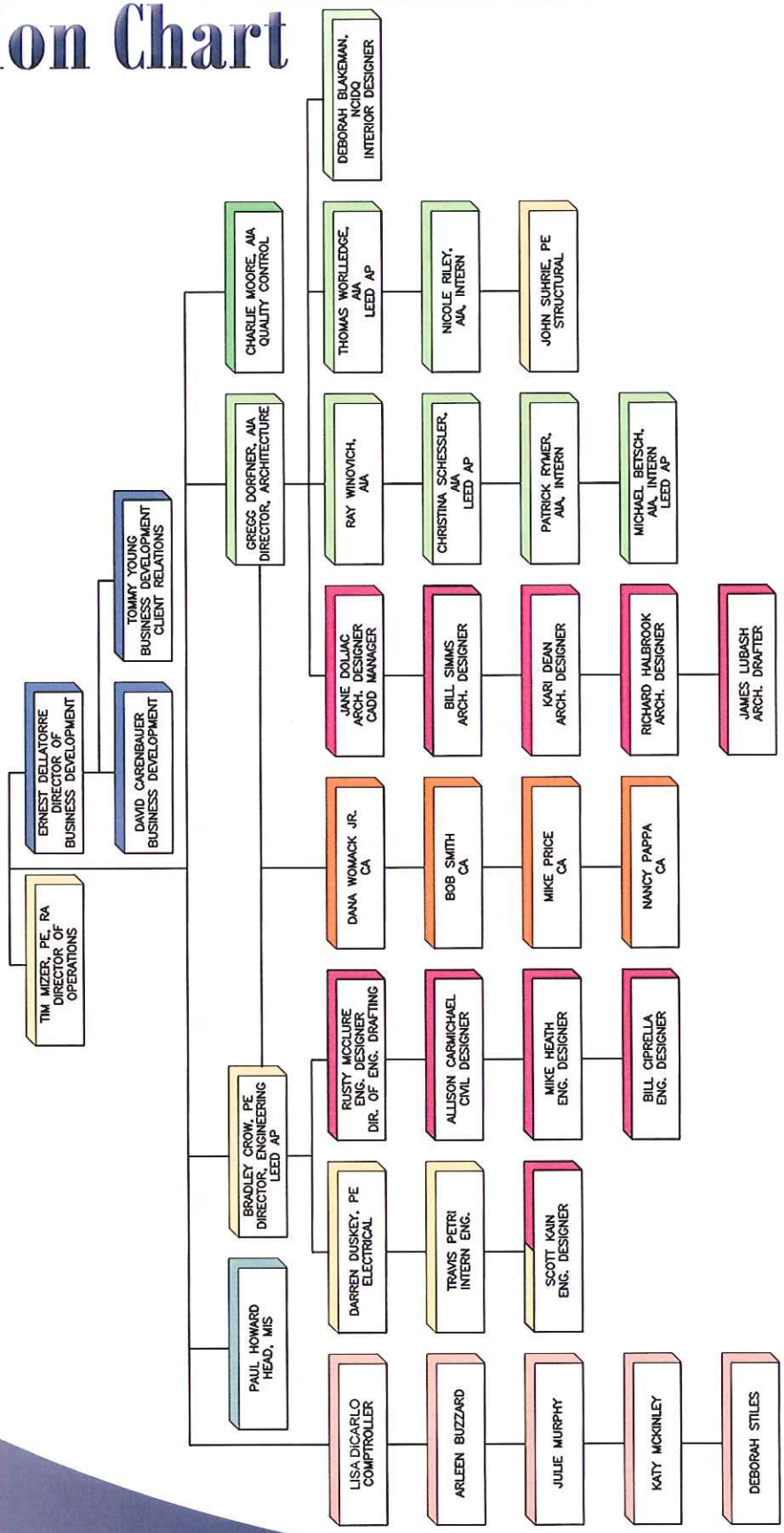
Nikki Fint, PE

Grant Martin, PE

Construction Administration

Dana E. Womack, Jr.

Organization Chart



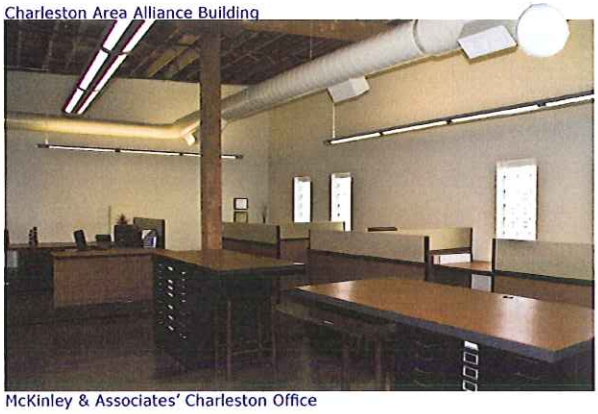
McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Corporate Information

Firm History

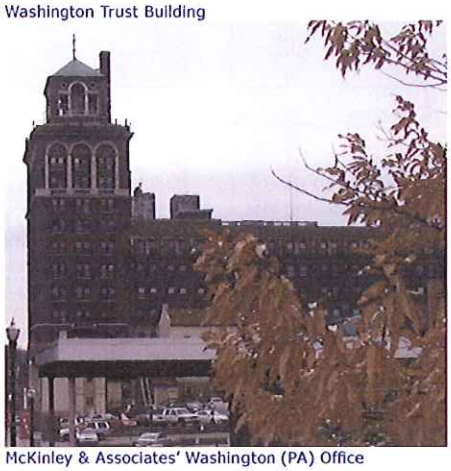
Founded in 1981, McKinley & Associates is a multi-discipline **full service Architectural & Engineering firm,** offering comprehensive **professional services in architecture, engineering, interior design and construction administration.** We have a broad range of skill and experience for projects involving governmental, commercial, medical, educational, 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.

Charleston Area Alliance Building



McKinley & Associates' Charleston Office

Washington Trust Building



McKinley & Associates' Washington (PA) Office

Firm Information

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	37
Architects	8
Engineers	4
Architect Interns	1
Engineer Interns	1
Construction Admins	4
Arch./Eng. Designers	10
Interior Designers	1
Quality Controllers	2
REFPs	3
LEED APs	4
MIS	1

Locations

Headquarters

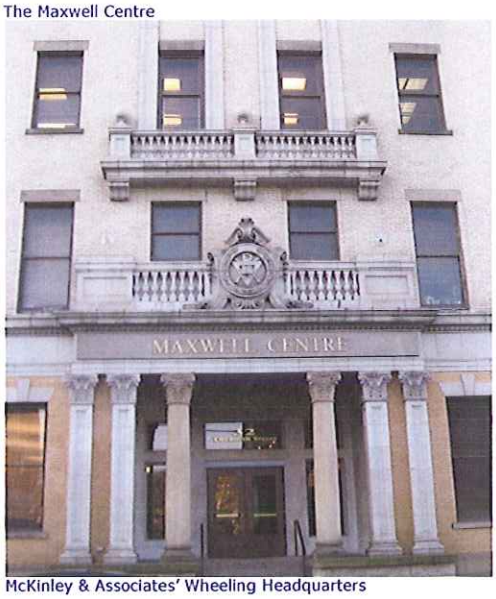
The Maxwell Centre
Thirty-Two - Twentieth Street
Suite 100
Wheeling, West Virginia 26003
P: 304-233-0140
F: 304-233-4613

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

The Maxwell Centre



McKinley & Associates' Wheeling Headquarters

Credentials

McKinley & Associates is a member of the following **organizations:**
CEFPI, AWI, WVEDC, AIA, NFPA, NCARB, ASCE, ASPE, BOCA, ASHRAE, ACI International

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Fast-Tracking

Throughout the years we have worked on many **"fast-track"** projects such as the Cabela's Eastern Distribution Center in Wheeling, WV, Maclin Hall at West Virginia University's Institute of Technology in Montgomery, WV, as well as TeleTech National Call Center in Moundsville, WV. We achieved success by maintaining time and cost management, quality control and excellent communication amongst the client and contractors.

TeleTech National Call Center

When **TeleTech** needed to move into a new call center in **6 months**; McKinley & Associates got the call. Teletech is a **$10 million** project, and 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 **58,000 SF** building came in on time, on schedule, and on budget, **and it became a prototype for all of the company's buildings.**

Cabela's Eastern Distribution Center

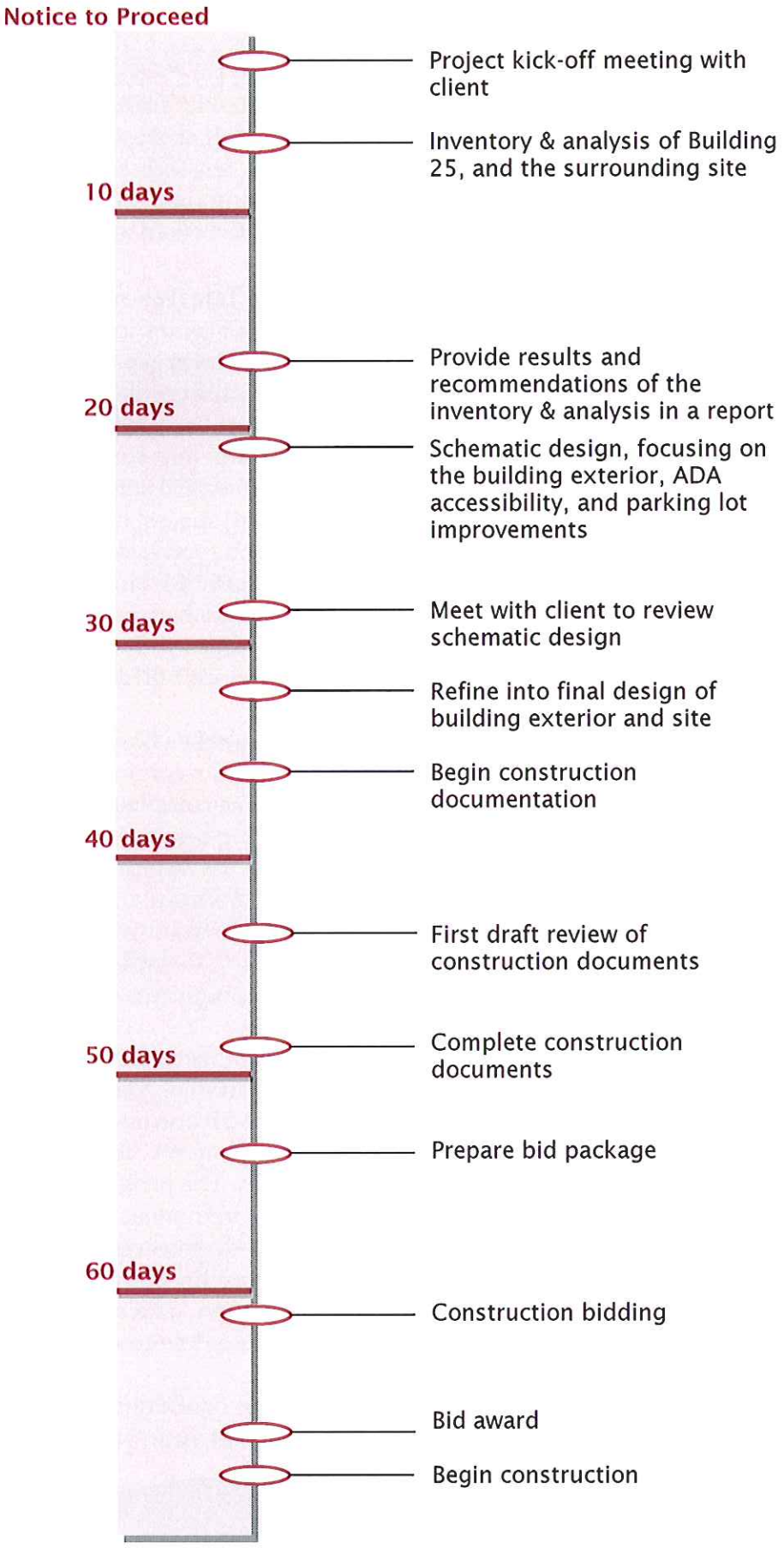
The **Cabela's Eastern Distribution Center** is a commercial warehouse that was completed in two phases. The building measures **1.2 million SF**, and is one of the largest buildings in the State of West Virginia. Included with the **$40 million** structure are 300 trailer parking spaces, 750 employee parking spaces and storage area.

West Virginia University's Institute of Technology - Maclin Hall

In 2006, we designed an extensive ($5M) renovation of **Maclin Hall**, a historic **53,900 SF** dormitory building on the campus of WV Tech, **in less than a month.** The project included redesigning the shared areas, new finishes, new roof, and restoration of the exterior. We also replaced the entire HVAC, lighting, fire protection, data systems and renovated the shared restrooms.

We are confident that our design team can meet your timeline.

Potential Timeline for State Office Building 25



HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

Our Core Values

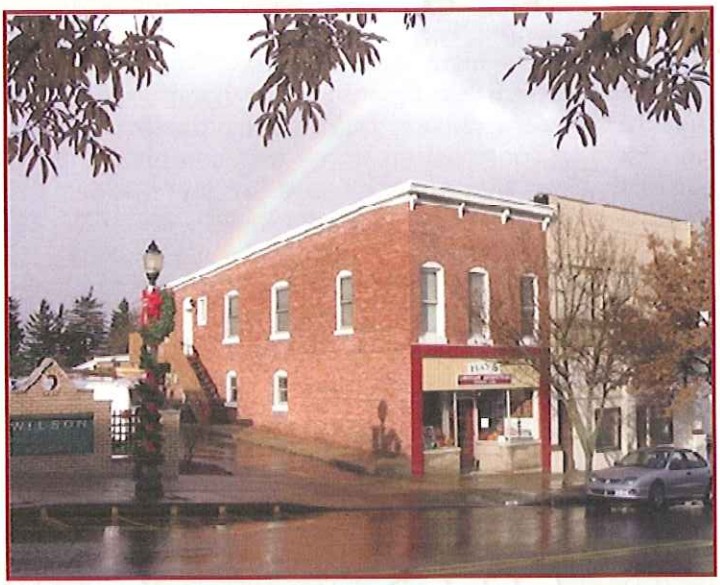
- Environmental Stewardship
- Ethics
- Personalized Attention
- Genius Loci or
- "Spirit of Place"
- Sustained Quality Throughout
- Respect

Who We Are:

Our Mission

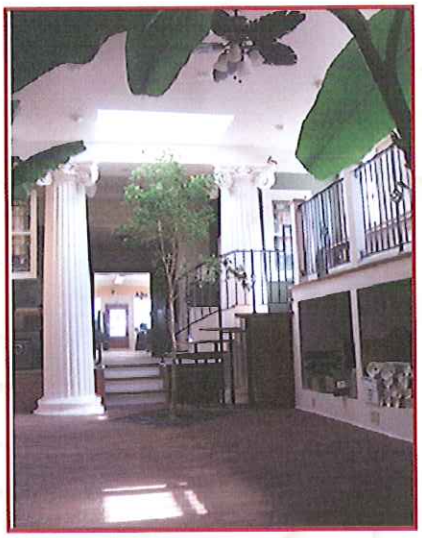
To provide professional land planning and design consulting services for our clients and the users of our built and natural environment in order to create an enhanced quality of life through projects that reflect our core values.

Our Origins



Principal Gabe Hays founded the firm in 1997 in his home town of St. Clairsville, Ohio. The quaint town, Main Street appeal and ability to serve the tri-state area led the Hays LAS firm to working within a niche market of rural and small community of clients with unique needs.

Services ranging from project conceptualization to construction documentation grew the firm's client base.



Today, Hays LAS accommodates a diverse capacity of work from master planning to construction documents for multi-million dollar projects across the country.

Founding principles of responsiveness, communication and teamwork provide a framework for Hays' success. The studio's atmosphere and the premier professional relationships augment the high quality achieved on projects.

145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com

HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

Providing prestige in professional land planning and design."

Fast Tracking:

Responsiveness – Hays LAS addresses alternative solutions that meet our client's needs while maintaining budget constraints.

Communications - Hays LAS provides interpersonal communications with direct client principal interaction.

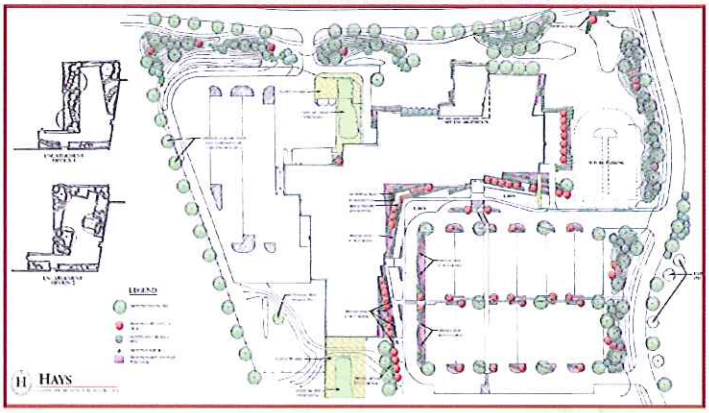
Collaboration — Hays LAS is dedicated to exceptional working relations with clients and consultants. We provide leadership, maintain positive interaction, and collaborate with others on creative ideas.

Marshall County Courthouse:

Appointed by the Marshall County Commission, Hays LAS designed a master plan for the area surrounding the historic courthouse. The design and construction documents were completed in **less than two months**, followed by the bidding process and construction which was completed in the following **five months** and **under budget**. The design included an emphasis on ADA accessibility, layout of the memorials, rehabilitation of the memorial fountain (**phase 2**), and landscape overall character..

Delaware Community Center & National Guard Training Center:

This project represents a unique collaboration between the city's department of parks & recreation and the United States Army Reserve. To conserve development costs, the new central Ohio facilities will be in one building, sharing parking, site development costs, facilities, and design fees. Working as a sub-consultant, Hays LAS provided site landscape design under LEED requirements focusing on native plant materials and successfully **came in under budget**.



St. Clairsville School Site:

Hays LAS provided the master plan site design and planting plans for the school addition in the St. Clairsville-Richland City School District in Ohio, **all in under a month's time**. Working as a sub-consultant, Hays LAS created a traditional university atmosphere in the courtyard with an outside classroom for the teachers and the students to enjoy. In addition, historic streetlights and site furniture coordinate with the city's historical characteristics.

145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com

OVERVIEW

FOX Engineering is a multi-disciplined consulting engineering firm offering innovative solutions to our clients. FOX Engineering is a certified Disadvantaged Business Enterprise (DBE) in Engineering Design services as well as Surveying and Mapping services.

FOX Engineering was founded with the goal of providing a local choice to the large firm atmosphere offered at most engineering firms. Growing up in Ravenswood, West Virginia and now residing in Silverton, Jennifer Casey, P.E., President of FOX Engineering, wanted to stay close to her Jackson County home. With this in mind Jennifer established FOX Engineering out of her home in 2001. With years of hard work and dedication, FOX Engineering has grown and is currently located in historic downtown Ripley, West Virginia. The rapid growth of FOX Engineering has proven that this was a niche waiting to be filled. FOX acquired John C. Giese Engineers, Inc. in 2008. This well established firm possessed nearly 60 years of experience and has greatly contributed to the development of FOX Engineering.

Jennifer has positioned the company with the ability to provide the services available at larger firms without compromising on the values that were the basis of establishing FOX Engineering. As a **full service firm**, FOX Engineering provides surveying, civil engineering, construction inspection, contractor services and structural inspections to our clients including government agencies, municipalities, consultants, contractors as well as private clients. By providing this wide range of services, FOX Engineering can work as the lead engineer performing most aspects of projects in house, from the initial planning and analysis to the design and construction while still providing larger firms the types of services they often seek in subconsultants.

When you couple the experience level available at FOX Engineering with the employees' strong work ethic and commitment to quality, it is easy to see how FOX Engineering would be a valuable addition to your next project. Add to that the benefit of the Disadvantaged Business Enterprise credit earned from working with FOX and you can see why the company has undergone such phenomenal growth. The DBE credits are only as valuable as the work that goes along with them, and FOX's recruitment of a top level staff with a range of expertise is one particular asset to working with FOX Engineering. Another benefit is the ease of working with a smaller firm. You will be working with people who have made a professional choice to work locally, support area businesses, and take personal investment in the quality of their work.

Jennifer W. Casey, P.E., President

ENGINEERING AND DESIGN

Services:

FOX Engineering's **structural design** experience encompasses numerous projects comprised of short, medium and long-span bridges; retaining walls; box culverts and various other structures. Our structural design services include:

- Plate girders (tangent and curved)
- Steel box girders
- Precast box beams and prestressed I-beams
- Timber bridges
- Structural inspections and load ratings
- Structure and bridge rehabilitation
- Hydraulic and scour analysis
- Concrete box culverts
- Shop drawing review

FOX Engineering's **highway design** experience encompasses all phases of the highway development process. Our highway design services include:

- Design studies
- New limited access highways
- Complex interchange design/improvements
- Highway/roadway resurfacing, rehabilitation and reconstruction
- Intersection improvements
- Safety improvements
- Maintenance and protection of traffic
- Hydraulics and hydrology
- Right-of-way plans
- Stream mitigation
- Stormwater drainage

FOX Engineering has the resources and experience to provide **site development** services for large commercial/industrial developments as well as residential developments. Our site development services include:

- Site selection and evaluation
- Preliminary engineering studies
- Site grading and drainage
- Access road design
- Subdivision layout and design
- Parking Lot design
- Permitting
- Master Plan development
- Construction administration

FOX Engineering's **structural condition inspection** experience encompasses a wide array of disciplines ranging from private home inspection to state and federally funded large structure condition inspections. Currently three FOX employees have received inspection certification from the National Highway Institute's Safety of In-Service Bridges Course. Our experience includes the inspection of seven bridges crossing the Ohio River, four bridges crossing the Kanawha River, as well as over 50 additional bridges and structures throughout the state. Representative structures include:

- Steel box girders
- Steel plate girders
- Steel tied arch
- Steel eyebars
- Steel pin and hanger assemblies
- Concrete arches
- Prestressed concrete box and I-beams
- Cable-stayed structures
- Timber structures
- Tunnels
- Concrete box culverts
- Structural plate pipes

We also provide inspection services to banks, mortgage institutions, and real estate agencies. Our services include:

- Foundation inspection
- HUD compliance inspection
- Foundation repair recommendations

FOX Engineering has the resources and experience to provide **contractors** with any necessary engineering design required during construction. In addition to the design services previously listed, our contractor services include:

- Temporary bridge and shoring design
- Deck overhang checks
- Causeway analysis and design
- Value engineering

OFFICE LOCATION

Ripley Office
101 North Court Street
Ripley, WV 25271
Phone 304-372-3705
Fax 304-372-4100

Project Name

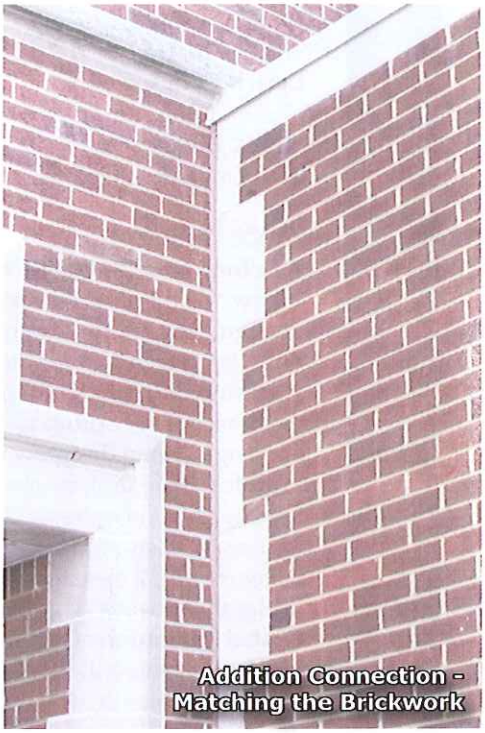
Parkersburg High School
Wood County Schools

Project Location

Parkersburg, West Virginia

Project Description

In 2005, a bond issue was passed for Wood County Schools to upgrade all the high schools in the county; in the fall of 2008, the work was complete. Being a historic school with a strong alumni association, **it was paramount that the original historic caricature of the building remained intact.** Our design **protected the grand front façade** in favor of small additions to the rear of the building. We **carefully matched the profiles of the stone** and **matched the brick to give a seamless transition from the old and new structure on the exterior. Many meetings were held with the state historic association and the alumni to insure the building would not be disfigured by the renovations and additions.** This renovation project encompassed all of the original building, an addition of a three story science and cafeteria wing and an auxiliary gymnasium. The interior of the building needed major upgrades including a new HVAC system, a new electrical system, fire protection upgrades and major interior space planning to meet the needs of a modern high school. The HVAC system required that we put louvers through the wall. **We designed a custom grill colored to match the brick to conceal the intakes.** The main project was completed in 2008 (design completed in 2006), but there are **multiple phases** to the building. The latest phase was the Link project, that was just finished in 2010. The Link was a new corridor that connected 5 buildings on the Parkersburg High School campus; enclosing the campus. This included a **handicap ramp**, and was also built for security purposes.

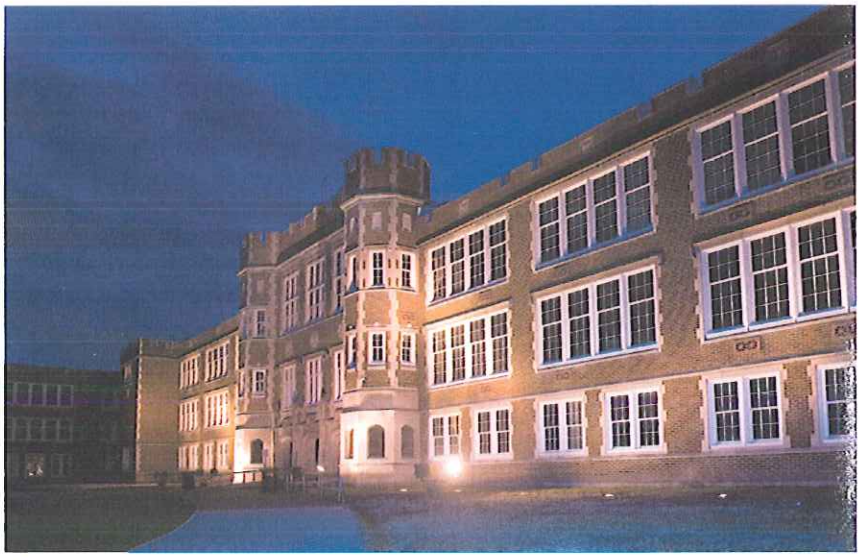


Addition Connection - Matching the Brickwork

Grill Close-Up

Construction Cost and Type of Services

$20 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations, Building Additions, & New Construction
Life Safety Compliance Projects
Historical Preservation Projects
Classroom and Office Facilities
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects



Project Size

254,000 GSF approx.

Name of Project Owner

Mr. William Niday / Mr. Lawrence Hasbargen
Wood County Schools
1210 Thirteenth Street
Parkersburg, WV 26101
304/420-9663

Date of project completion

Construction completed in 2008

Any additional information you deem relevant

Parkersburg High School was founded in 1867, was one of the first high schools in the state of West Virginia, and was added to the **National Register of Historic Places** in 1992. The current building housing is a Tudor style structure with three stories housing over 38,000 SF. It was built in **1917**, making it one of the oldest school buildings in West Virginia and it is one of the largest high school campuses in the state. The original building features extensive stone work and exquisite interior plaster work detailing.

Project Name
Orrick Building

Project Location
Wheeling, West Virginia

AIA West Virginia
2002
MERIT AWARD
FOR EXCELLENCE IN ARCHITECTURE

Project Description
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**, the former Wheeling Stamping Building, 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 **atrium/lobby** included a four-story open-air design, a skylight, a glass wall for the entryway, 2 elevators, a stair tower, and multiple bridges/walkways. This building became the company's **Global Operations Center**; no other firm has a 24/7 facility that rivals it. The GOC provides the firm and its clients with a central business infrastructure that delivers comprehensive and reliable support services around the world, around the clock. This project was recognized and awarded an **AIA Merit Award.**

BEFORE and AFTER

Construction Cost and Type of Services
$8 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Interior Design
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects

BEFORE and AFTER

Project Size
88,000 SF approx.

Name of Project Owner
Mr. Will Turani
Orrick, Herrington & Sutcliffe LLP
2121 Main Street
Wheeling, WV 26003
304/231-2629

Date of project completion
Construction completed in 2002

Any additional information you deem relevant
Security for the facility was to be comparable to the rest of the firm's nation-wide facilities; however, one of the challenges we had to overcome was creating a design which did not appear to be fortress-like. This security system features we had to incorporate, understand, and design by included: a card access system that allows single card with multiple-levels of access programmed into that card at **front door**, NOC, elevators, loading dock, stairs, and other sections to be developed; there is not a full time receptionist; glass break and motion detectors on the ground level; a**n intercom at the front door**; and finally, security cameras are placed at the loading dock, rear parking lot, and **front d**

Project Name

West Virginia Independence Hall

Project Location

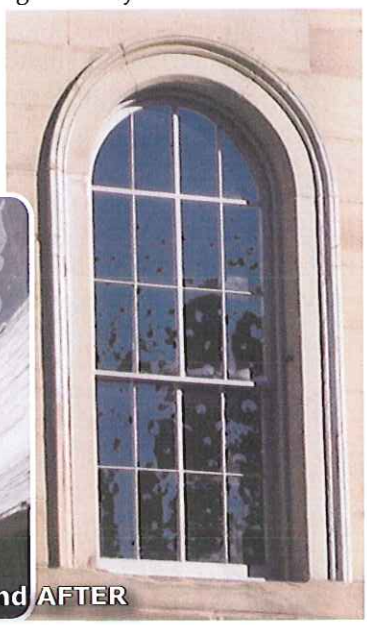
Wheeling, West Virginia

Project Description

The **West Virginia Division of Culture & History** engaged the professional services of McKinley & Associates to conduct on site analysis and to document and confirm as much of the existing conditions as possible (short of destructive investigation) in preparation for restoration activities. The windows, roofing and interior surfaces were studied to determine an appropriate level of restoration suitable to period construction practices and consistent with the Owners budget and on-site staff recommendations. **The project scope was to and has maintained the historic character of the interior and exterior.**

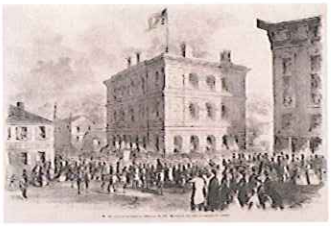
All of the **double-hung wood windows** (44 windows; 5'W x 9'H with an arched top sash) have been fully restored and reglazed. The failed metal roofing system was removed and replaced with 5,000 SF of new standing seam metal and a new custom metal guttering and downspout system. This **metal roofing** is emblematic of the period of 1859 when the original structure was completed. A portion of the **interior plastering** in the third floor Courtroom and the entire first floor exhibit area were restored, eliminating or concealing previously botched attempts. **Plaster repair work** included new ceiling surfaces and **custom decorative mouldings. Interior restoration** included paint color matching and new faux graining on the woodwork, windows and historic metal shutters - **all intended to capture the original historic character.** Several rooms on the second floor are being prepared for the next phase of plaster restoration.

In addition to the aesthetic improvements in this historic preservation project, a new HVAC system and a fully automatic sprinkler system and fire alarm detection system has been installed: the ductwork, piping and conduit for these systems is designed to be completely concealed within the existing walls and ceilings. Rough-in work for the metal ducts, sprinkler piping and fire alarm conduit required channeling of the existing masonry walls and replastering to appear seamless. The building is now in its **152nd year**. We are proud to say, that with our contribution, Independence Hall is prepared for the next 150 years.



Construction Cost and Type of Services

$1,200,000
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Interior Design
Programming
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects



Project Size

22,000 SF

Name of Project Owner

Mr. Randall Reid-Smith
WV Division of Culture & History
1900 Kanawha Boulevard, East
Charleston, WV 25305
304/558-0220

Date of project completion

Construction completed in 2011

Any additional information you deem relevant

Originally built in **1859**, the **Wheeling Custom House** is considered to be the **birthplace of West Virginia.** The 22,000 square foot building, now appropriately renamed **West Virginia Independence Hall**, was added to the **National Register of Historic Places** in 1970, and was designated as a **National Historic Landmark** in 1988. **On September 23, 2011, McKinley & Associates will be presented with the Heritage Tourism Award from the Preservation Alliance of West Virginia, for our achievements in preserving Independence Hall.**

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Project Name

Bishop Bernard Schmitt Catholic Heritage Center

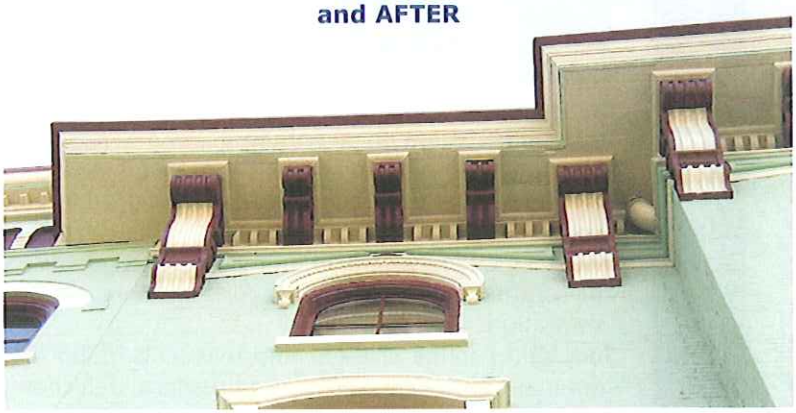
Project Location

Wheeling, West Virginia

Project Description

Work included selective demolition and renovation to the exterior elevations of the existing building, construction of 2 canopy additions affixed to the building, limited exterior foundation, concrete, masonry, framing, molded trim & cornice carpentry, EIFS, metal roofing, EPDM/metal flashing, sealing, guttering & spouting, painting, roof drainage, storm sewerage trades, removal and replacement of the building's windows, all new systems throughout the structure, new elevators, flood-proofing, fire protection, and ADA compliance. The building holds the records and artifacts for the Catholic Diocese of Wheeling / Charleston, a ballroom/large reception area, learning classrooms, retail stores, and includes **professional offices** for various companies including Project and Construction Services, Inc., as well as different departments of the Catholic Charities of West Virginia, which includes Child Care Resource Center, Birth to Three, Right from the Start, Nutrition Program, Northern Region, and the Main Office.

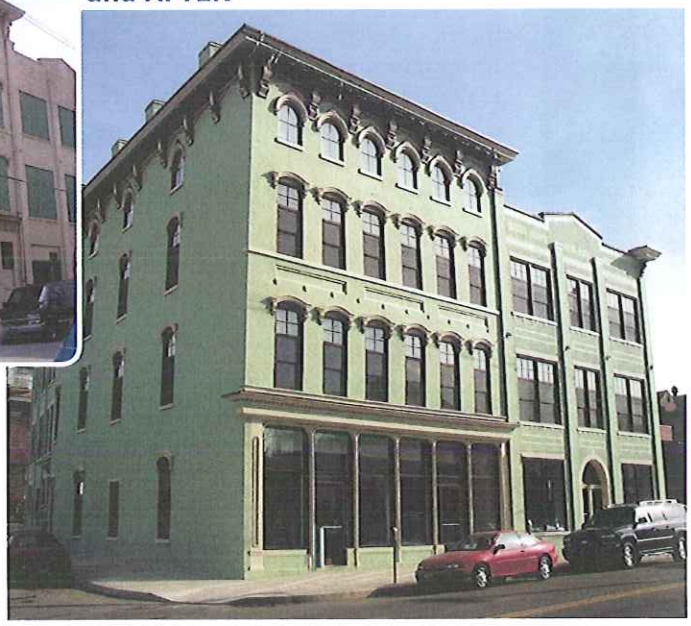
BEFORE and AFTER



Construction Cost and Type of Services

$2.9 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Interior Design
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects

BEFORE and AFTER



Project Size

40,000 SF

Name of Project Owner

Mr. Darryl Costanzo
Catholic Diocese of Wheeling / Charleston
1307 Jacob Street
Wheeling, WV 26003
304/233-0880

Date of project completion

Construction completed in 2004

Any additional information you deem relevant

This **100 year old** auto parts warehouse is now the home of all informational records and artifacts of the Wheeling-Charleston Diocese. Those Archive spaces operates specialized HVAC heating, cooling and humidity controls. In addition, a chemical fire suppression (rather than water sprinkler) was utilized in the most sensitive of the Archive spaces, while pre-action water sprinkler systems were used for less sensitive archive areas and conventional wet pipe systems were used for non-sensitive spaces such as general offices, corridors, etc.

Project Name
Wagner Building

Project Location
Wheeling, West Virginia

Project Description
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**. The Wagner Building was an old sugar warehouse built in the **1930s**, and after being vacant for over 30 years, McKinley & Associates totally renovated this 7-story structure in **phases**, and turned it into a corporate center that includes beautiful Class "A" **office suites** as well as a new bank.

Work included total design of mechanical, electrical and fire suppression systems as well as all architectural components, exterior renovations, window replacements, and a total gut of the interior. **ADA compliance design**, including elevator replacement, was also a major part of this project. The building next door was demolished to create a parking lot for the various companies. Our firm also worked within the **Standards of the Department of Interior** for this 60,000 square-foot structure. This $6.2 million office tower dominates the waterfront skyline and affords tenants incredible and unsurpassed panoramic views of the majestic Ohio River.

Construction Cost and Type of Services
$6.2 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Interior Design
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects

Project Size
60,000 SF approx.

Name of Project Owner
Mr. Dennis Kozicki
The Maxwell Partners
32-20th Street / Maxwell Centre #300
Wheeling, WV 26003
304/232-2280

Date of project completion
Construction completed in 2004

Any additional information you deem relevant
This project was challenging due to the fact that it was renovated on a floor-to-floor basis (in multiple phases).

Before demo of adjacent building

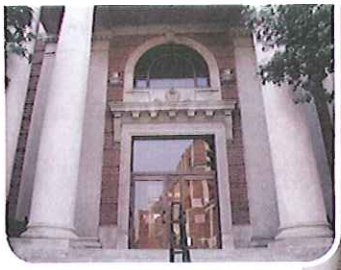

Before construction

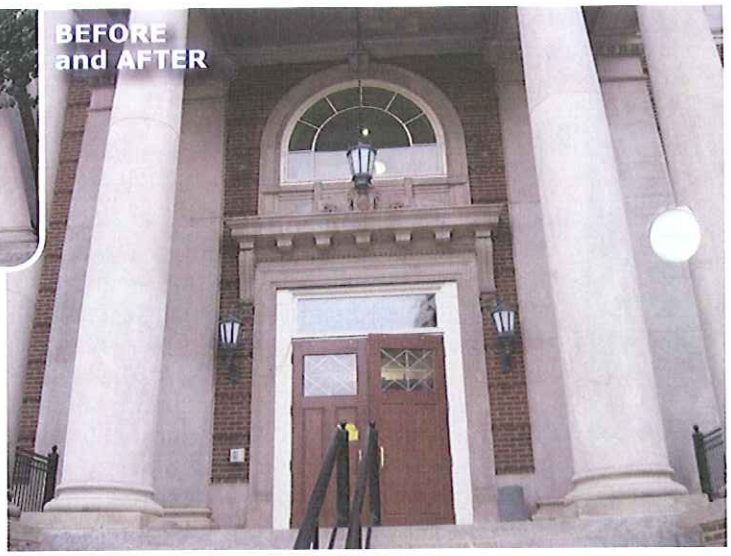

After construction

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Project Name

Colson Hall
West Virginia University



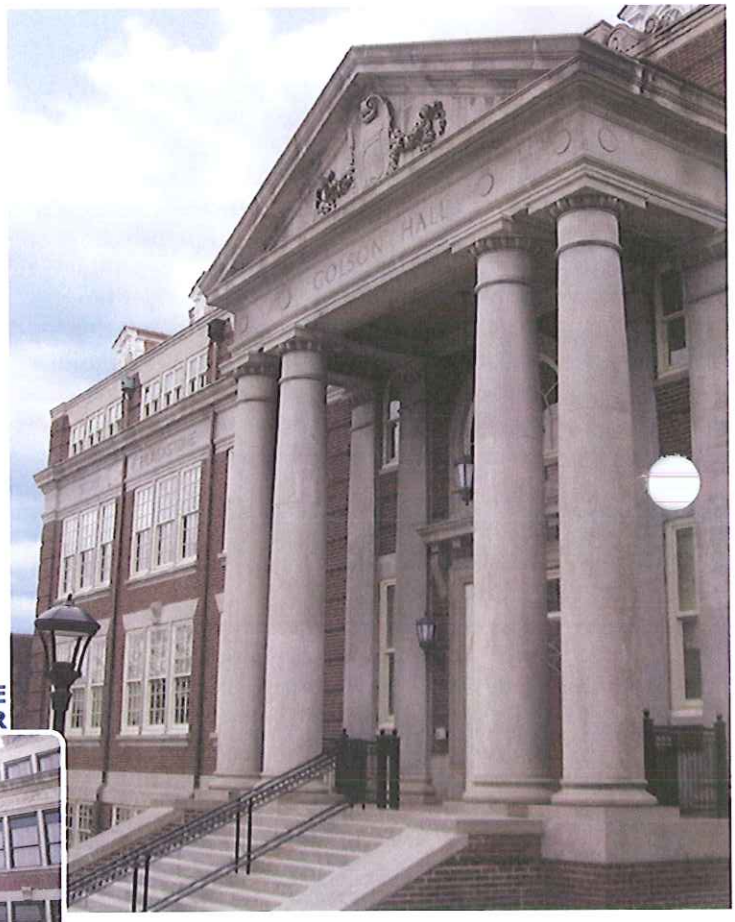


Project Location

Morgantown, West Virginia

Project Description

McKinley & Associates completed a **renovation / restoration project on** Colson Hall at the downtown campus of West Virginia University in Monongalia County, West Virginia. The scope of work was to take this existing historical building and readapt it for use as a faculty office building with additional classrooms. Work included architectural elements as well as major electrical and mechanical systems design. The building was renovated and provided with all new systems. The upgraded HVAC system was tied into the central campus chiller and steam system. The windows were restored by following the Historic Treatment of Wood Windows specifications. The project also included an **exterior façade repairs** and a roof replacement.



Construction Cost and Type of Services

$5.6 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Landscape Design
Classroom and Office Facilities
Interior Design
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects

Project Size

33,400 SF

BEFORE
and AFTER

Name of Project Owner

Mr. Robert Moyer
West Virginia University
979 Rawley Lane
Morgantown, WV 26506
304/293-2873

Date of project completion

Construction completed in November of 2007

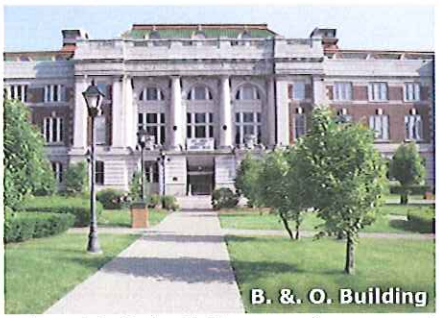
Any additional information you deem relevant

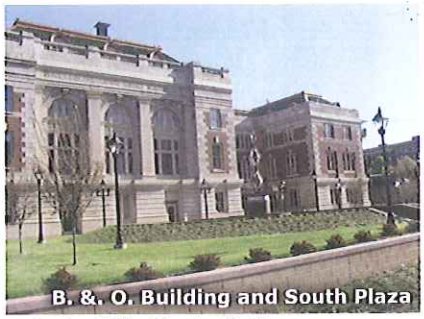
We were able to take this historic landmark in the city of Morgantown, and **restore it to its original appearance while keeping the aesthetics of the building in tact.** During the process the owner requested the **exterior of the building be restored to its original design, and due to our experience with historic preservation work, we were able to accomplish the needed construction of the façade to bring it back to its original appearance.** Since this building is now the home to offices, we had to create a quiet and comfortable HVAC system, create adequate lighting, and design a data/communication system that met the needs of today's faculty requirements, while at the same time still keeping the original design from 1923 in tact.

McKINLEY & ASSOCIATES
ARCHITECTS • ENGINEERS • INTERIOR DESIGN

Project Name

College Square
(Education Center, B.&O. Building, South Plaza, and Pedestrian Walking Bridge)
West Virginia Northern Community College


B. &. O. Building


B. &. O. Building and South Plaza

Project Location

Wheeling, West Virginia

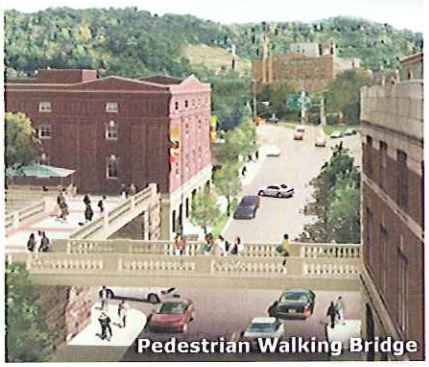
Project Description

This was completed in **multiple phases**, involved **multiple buildings**, and was **constructed while the buildings were occupied during the school year.** With thoughtful planning and contemporary aesthetics, McKinley & Associates renovated these buildings while successfully maintaining their historic nature, and integrating it into the modern campus fabric. The first phase, an **80,000 SF** industrial warehouse (the former Wheeling Wholesale Building), was presented as **The Education Center**. This four-story project houses classrooms, offices, a food court, kitchen facilities, conference rooms, utility areas, student activities areas including a gymnasium, as well as laboratories for research. Also included in the design was a new roof, exterior renovations, ADA compliance, HVAC upgrades, fire protection and exhaust systems, telecommunication, floors, walls, ceilings, and interior design.

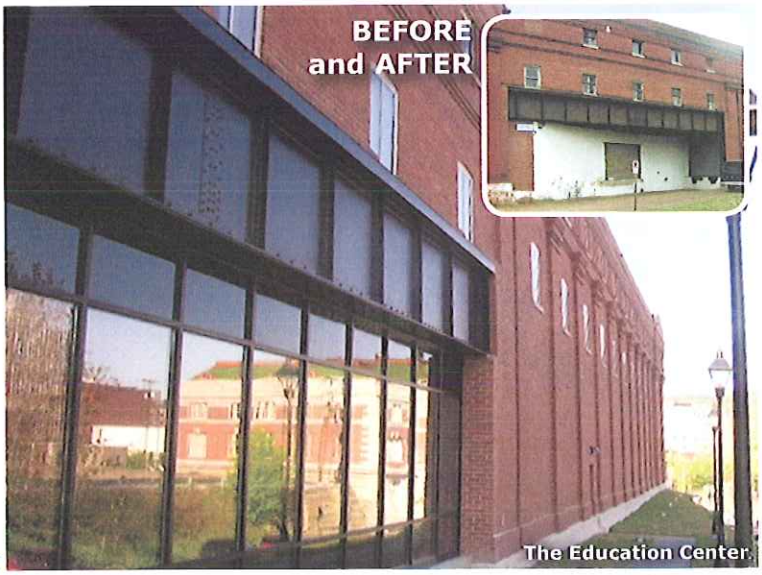
Another phase, the **B. & O. Building**, was to upgrade the old **74,000 SF** railroad station built in **1908** (which is listed on the **National Register of Historic Places**) into a facility that could be used for academic research and education. This renovation included demolition of existing interior walls and acoustical tile ceilings; **exterior renovations,** providing gypsum board partitions, interior finishes, associated lighting, HVAC, plumbing, laboratory furnishings, data, communications and HVAC work; and new equipment and furnishings for Chemistry Laboratory, new furnishings and expansion of the Micro-Biology Laboratory, and refurbishing of equipment in the A & P Laboratory.

Construction Cost and Type of Services

$12.8 million
Building Exteriors
Exterior Façade Repair
Existing Building Renovations
Life Safety Compliance Projects
Historical Preservation Projects
Landscape Design
Classroom and Office Facilities
Research Facilities
Laboratory Facilities
Interior Design
HVAC Upgrades
Electrical Upgrades
Utility Improvements
Sprinkler and Fire Alarm Projects


Pedestrian Walking Bridge


South Plaza



The Education Center

Project Size

160,000 SF approx.

Name of Project Owner

Dr. Martin Olshinsky
WV Northern Community College
1704 Market Street
Wheeling, WV 26003
304/233-5900

Date of project completion

Multiple phases/completions dates; most recent 2007

Any additional information you deem relevant

The **South Plaza** sits between the two buildings and included newly constructed **parking areas and a landscaped gathering place** for students and pedestrians. A gathering area with a "Flame of Knowledge" statue (specially designed and donated by McKinley & Associates) was placed in the center of the two parking lots.

Finally, the **Pedestrian Walking Bridge,** which is about to be constructed, will provide a new **disabled accessible route** and provide students a quick and safe passage between the two buildings while avoiding traffic.

Project Name

Weirton State Office Complex

Project Location

Weirton, West Virginia

Project Description

The **Weirton State Office Complex (Building 34)** in Weirton is a $4 million state-of-the-art building that houses **judi offices** along with **storage and office space.** This **two-story, 39,500 SF office building** was constructed with a structural steel frame and concrete foundations, cast concrete floors, precast concrete panel system, EPDM roof, two elevators, rooftop HVAC System, and building automation system. Also included was site work. This State Office Building accommodates the Bureau of Employment Programs, the Department of Health and Human Resources, the Division of Motor Vehicles, the Lottery Commission, Rehabilitation Services and the Work Force Investment Board.

Construction Cost and Type of Services

$4 million
New Building
Building Exteriors
Office Facilities
Life Safety Compliance Projects
Interior Design
Programming
Sprinkler and Fire Alarm Projects

Project Size

39,500 SF

Name of Project Owner

Mr. David Oliverio
State of West Virginia
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304/558-2317

Date of project completion

Construction completed in 2006

Any additional information you deem relevant

For security, the entire building has swipe-card access, CCTV video monitoring and other surveillance equipment, an x-ray machine, metal detector, an employee-only entrance, uninterruptible power supply, bullet-proof glazing and tinted/reflective glazing,

Project Name
West Virginia State Building

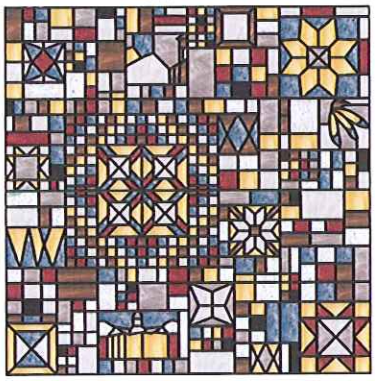
Project Location
Logan, West Virginia

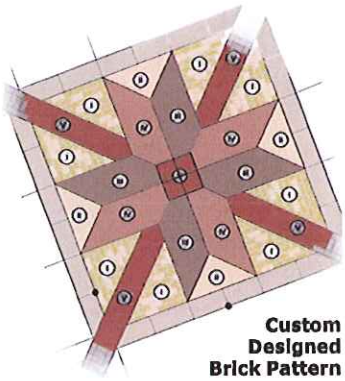
Project Description
Currently under construction is this West Virginia State Office Building for the West Virginia General Services Division. This 5 story, 53,200 SF building is intended to consolidate office space of state agencies currently located in Logan, West Virginia as well as provide moderate 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. The Commissioning Agent for this project is Iams Consulting, LLC.


Artist Rendering

Construction Cost and Type of Services
$11 million
New Building
Building Exteriors
Office Facilities
Life Safety Compliance Projects
Interior Design
Programming
Sprinkler and Fire Alarm Projects

Custom Designed Stained Glass Window




Custom Designed Brick Pattern

Project Size
52,300 SF approx.

Name of Project Owner
Mr. Robert P. Krause, PE, AIA
State of West Virginia
General Services Division
1900 Kanawha Boulevard East
Charleston, WV 25305
304/558-9018

Date of project completion
Currently Under Construction

Any additional information you deem relevant
The streetscape design along the north and south faces of the building are to act as a template for all future sidewalk development. We are reusing old street pavers from the demolition of the streets and promoting those pavers in part of the new adjacent sidewalk design. The designated plaza is a closed portion of Cole Street and features several raised planters shaped by a symmetrical crisscrossing network of joint patterns and brickwork. Major brick patterns intersect at a paver quilt star, a symbol of West Virginia heritage that is carried into the foyer of the building. **Hays Landscape Architecture Studio** was on our team for the pedestrian plaza & streetscape.

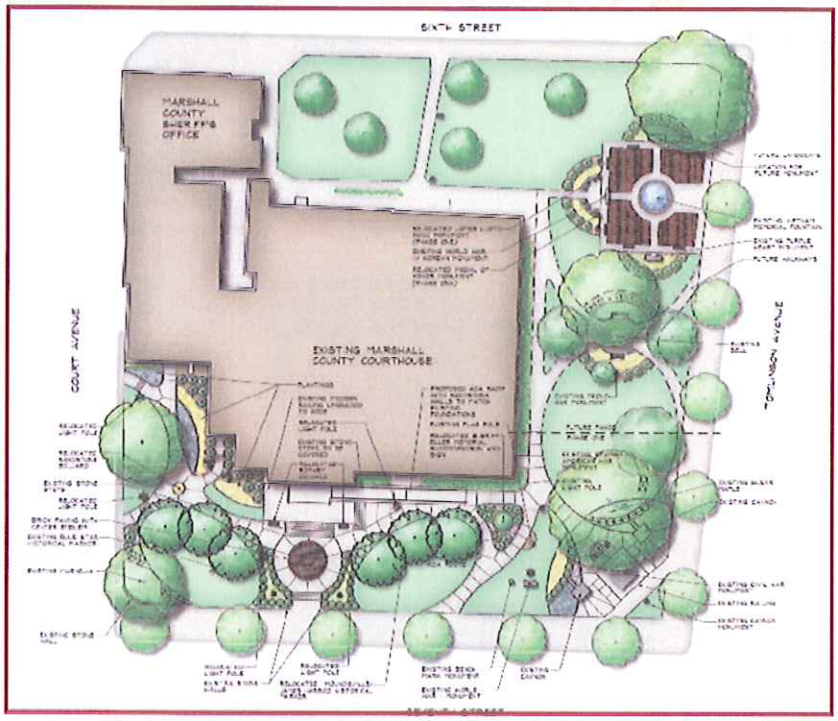
HAYS
LANDSCAPE ARCHITECTURE STUDIO, LTD.

Providing prestige in professional land planning and design."

Marshall County Courthouse
Moundsville, WV

Services:
Inventory & Analysis
Schematic Design
Design Development
Construction Documents
Bidding or Negotiation
Construction Observation

Role: Prime
Project Size: .36 acres
Project Cost: $176,140
Project Contact:
Betsy Frohnaphel
304-845-0482



The Marshall County Commission selected Hays LAS to design and develop a master plan for the area surrounding the Marshall County Courthouse. Plans for the courthouse include an emphasis on **ADA accessibility, organization of memorials, rehabilitation of the memorial fountain (phase two), and landscape overall character.**

The design focused on maintaining the historical value of the courthouse and surrounding area while also integrating the current regulations and standards. The project was completed in 2009 by JD &E Construction Company.

PROJECT BEST

145 East Main Street, St. Clairsville, OH 43950 www.hayslas.com (T)740.695.6505 (F)740.695.6516 Email: info@hayslas.com