



**Chapman  
Technical  
Group**  
a division of  
GRW

September 5, 2018

RECEIVED

2018 SEP -5 AM 9:55

WV PURCHASING  
DIVISION

Ms. Melissa Pettrey  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
Charleston, West Virginia 25305

**Re: A/E Services for Building  
74 Renovations**

Dear Ms. Pettrey:

Chapman Technical Group is most interested in providing the required A/E services for renovations to Building 74. Our project team has provided similar services for projects throughout West Virginia, including the design of the renovation of the historic State Road Commission (SRC) Building for the West Virginia Division of Highways. The SRC project included an evaluation of the interior and exterior of the 40,000 square-foot building, including functional analysis, building and life safety code issues, and a complete replacement of the building electrical and HVAC systems. Bids received for the \$6.4 million project 16% below the Architect's estimate. Non-Owner-directed change orders were less than 2%.

Our architectural personnel includes two registered architects in our St. Albans office, as well as additional architects from our parent company, GRW, based in Lexington, Kentucky. With more than 200 professionals company-wide, we certainly have the capability to meet the demands of the Building 74 project. Our staff includes interior designers, civil engineers, mechanical and electrical engineers, and landscape architects to provide the full range of required services. Relevant examples of our team project experience are included in our Expression of Interest. We have completed many projects for various State agencies and understand the State Purchasing system and are well-equipped to work within their framework.

We would very much appreciate the opportunity to appear before your selection committee and further discuss your project and our qualifications. Meanwhile, please feel free to contact me if you have any questions or need additional information.

200 Sixth Avenue  
Saint Albans, WV 25177

304.727.5501  
304.727.5580 Fax

Buckhannon, WV  
Lexington, KY

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

Sincerely,

**CHAPMAN TECHNICAL GROUP**

Joseph E. Bird, ASLA  
Vice President



Purchasing Division  
 2018 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

State of West Virginia  
 Centralized Expression of Interest  
 02 - Architect/Engr

Proc Folder: 474733

Doc Description: EOI: A/E Services - Building 74 Renovations

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2018-08-08	2018-09-05 13:30:00	CEOI 0211 GSD1900000001	1

**BID RECEIVING LOCATION**

BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

Vendor Name, Address and Telephone Number:

**FOR INFORMATION CONTACT THE BUYER**

Melissa Pettrey  
 (304) 658-0094  
 melissa.k.pettrey@wv.gov

Signature

FEIN # 550704766

DATE

9-5-2018

All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION:**

Expression of Interest  
 (Renovation of Building 74)

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The West Virginia Department of Administration's, General Services Division, from qualified firms to provide architectural/engineering services per the Expression of Interest and Terms and Conditions referenced herein and attached hereto.

\*Online submission of Expression of Interest is prohibited.\*

INVOICE TO	SHIP TO
DEPARTMENT OF ADMINISTRATION GENERAL SERVICES DIVISION 112 CALIFORNIA AVENUE, 5TH FLOOR CHARLESTON WV25305 US	DEPARTMENT OF ADMINISTRATION GENERAL SERVICES 112 CALIFORNIA AVENUE, 5TH FLOOR CHARLESTON WV 25305-0123 US

Line	Comm Ln Desc	Qty	Unit Issues
1	A/E Services - Building 74 Renovations		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

A/E Services - Building 74 Renovations

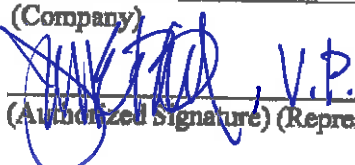
**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

\_\_\_\_\_  
 (Name, Title)  
 Joseph E. Bird, V. P.  
 \_\_\_\_\_  
 (Printed Name and Title)  
 200 Sixth Avenue, St. Albans, WV 25177  
 \_\_\_\_\_  
 (Address)  
 (304) 727 - 5501/ (304) 727 - 5580  
 \_\_\_\_\_  
 (Phone Number) / (Fax Number)  
 jbird@chaptech.com  
 \_\_\_\_\_  
 (email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Chapman Technical Group

\_\_\_\_\_  
 (Company)

 V.P.

\_\_\_\_\_  
 (Authorized Signature) (Representative Name, Title)

Joseph E. Bird, V.P.

\_\_\_\_\_  
 (Printed Name and Title of Authorized Representative)

9-5-2018  
 \_\_\_\_\_  
 (Date)

(304) 727 - 5501/ (304) 727 - 5580

\_\_\_\_\_  
 (Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(j), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

**ALL CONTRACTS:** Under W. Va. Code §6A-9-10a, 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: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

**EXCEPTION:** The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. 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.

**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.

**"Employer default"** means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2a-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

**"Related party"** means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Chapman Technical Group

Authorized Signature: [Signature] Date: 9-5-2018

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 5<sup>th</sup> day of September, 2018.

My Commission expires April 17<sup>th</sup>, 2022



NOTARY PUBLIC Amanda M. Sutphin

**ADDENDUM ACKNOWLEDGEMENT FORM**

**SOLICITATION NO.:** CEO1 GSD1900000001

**Instructions:** Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

**Acknowledgment:** I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

**Addendum Numbers Received:**  
*(Check the box next to each addendum received)*

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Chapman Technical Group  
Company

  
Authorized Signature

9-5-2018  
Date

**NOTE:** This addendum acknowledgment should be submitted with the bid to expedite document processing.

---

## Table of Contents

*Section 1.0 Company Overview and Awards*

*Section 2.0 Project Experience*

*Section 3.0 Project Team*

*Section 4.0 References*

## COMPANY OVERVIEW & AWARDS



Established in 1984, Chapman Technical Group has steadily grown into a diverse firm of professionals, many of whom were educated in West Virginia colleges and universities. We have achieved an outstanding reputation for developing high-quality projects, while meeting schedules and budgets.

In 2013, Chapman Technical Group was acquired by the Lexington, Kentucky based A/E firm of GRW, allowing us to provide a wider range of services while expanding our resources. Now, in addition to our offices in St. Albans, Buckhannon, and Martinsburg, West Virginia, as part of the GRW family, we also work in Kentucky, Ohio, Tennessee, and Indiana.

Our architectural group not only designs new buildings from the ground up, but also specializes in renovations and historic restoration projects. Our award-winning landscape architects provide master planning, as well as detailed site design for parks and public spaces projects.

In addition to our building studio, our engineering support staff gives us the ability to meet almost any challenge a project may present. All of our mechanical, electrical, plumbing engineering is provided in-house, and our civil engineers work with our landscape architects to provide site designs that are functional while achieving a high level of aesthetics.

Water and sewer system design is accomplished by our environmental engineers, and when on-site wastewater treatment is required, we can do it.

Working with our airport group, we can provide full airport design services, from runway and lighting design, to hangars and terminal buildings.



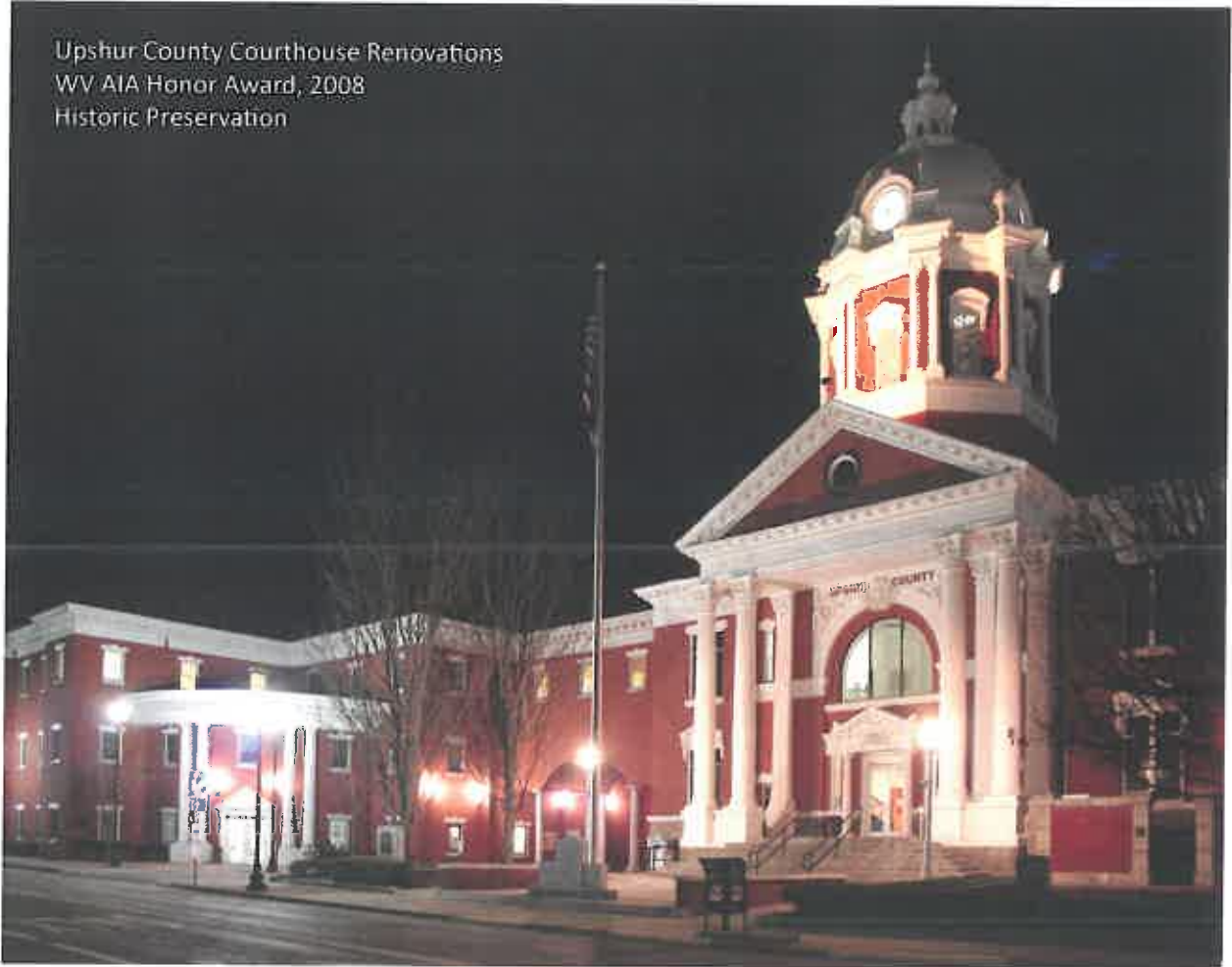
# COMPANY OVERVIEW & AWARDS



# COMPANY OVERVIEW & AWARDS



Upshur County Courthouse Renovations  
WV AIA Honor Award, 2008  
Historic Preservation



# COMPANY OVERVIEW & AWARDS



Upper Big Branch Miners Memorial  
WV ASLA Honor Award, 2012



Nuttallburg Historic Mining Complex  
WV ASLA Merit Award, 2012

# ARCHITECTURE



## WV Division of Highways State Road Commission Building Renovation Charleston, WV

As part of the West Virginia Division of Highways District One Campus Renovation, the former State Road Commission Building was renovated to serve as an office building for various DOH personnel. The historical 40,000 square-foot facility retained many historical features, including many original doors and transoms, while providing energy-efficient and cost-effective systems throughout. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building being constructed beside the SRC Building, and a courtyard between the two will be provided for employee use.





*American Institute of Architects, Honor Award, 2008*

**Upshur County Commission**  
**Upshur County Courthouse Renovations**  
38 West Main Street  
Buckhannon, West Virginia

Since the design and construction of the courthouse annex in 1995, Chapman Technical Group has been involved in several improvement and restoration projects at the Courthouse in Buckhannon. In 2005, a lift was installed and plaza renovated in make the original Courthouse accessible. In 2006, the Courthouse dome and clock tower were completely restored. In 2007, the Courthouse portico stonework was restored, and in 2008 the work was honored by the AIA, WV for Excellence in Architecture.



*Dome Restoration Detail*

# ARCHITECTURE



## Frankfort Plant Board New Administration Building Frankfort, KY

The Frankfort Plant Board, a municipal utility company that provides cable, broadband, telephone, security, electric and water for the city of Frankfort, KY, and surrounding areas, hired GRW to provide programming, planning and design services for its new consolidated administration building and associated 30-acre site.

The new three-level, 46,000 SF administration building project consolidates the Frankfort Plant Board's administrative offices for accounting, human resources, management, IT, and dispatch. In addition, facilities were provided for the Plant Board's public customer service functions including cashier/payment service stations, exterior drive through tellers, product service representation, and a board/community room. The facility also includes backup utility systems and a designated shelter area.

The building facade is primarily constructed of architectural precast concrete panels with design elements such as structural silicone glazing systems and aluminum panels.



# ARCHITECTURE



## **Cumberland County Justice Center** Burkesville, KY

Designed to accommodate both Circuit and District Courts, this 24,270 SF facility is adjacent to the public square in Burkesville, KY. The first level includes a hearing room, sallyport, holding cells, witness areas, pre-trial area, clerk's offices, and other support functions. The second level includes the jury courtroom, judges' offices, holding cells, witness and attorney/client areas, conference rooms, law library, substantial public lobby spaces, and other supporting spaces. The building is segregated as required for judges' circulation, public circulation, and secure areas.



## Ohio ARNG Joint Armed Forces Reserve Center/Field Maintenance Shop Complex Springfield, OH

GRW provided full-discipline architecture and engineering services for planning, design and construction of a new LEED Silver Certified 85,865 SF Joint Armed Forces Reserve Center and Field Maintenance Shop for the Ohio Army National Guard (ARNG) and the US Army Reserves in Springfield, OH. These facilities are designed to match the architecture of the facilities on an adjacent site occupied by the Ohio ARNG.

The administrative/training complex includes the following functional spaces and features:

- Private offices and administrative common spaces
- Classrooms and library
- Gymnasium-type multipurpose assembly hall with fully functional kitchen
- Physical fitness area
- Ten drive-through vehicle work bays
- Heated and unheated storage areas
- Full cutoff luminaires for site lighting to eliminate light trespass
- Occupancy sensor controlled interior lights throughout
- T5 low mercury, high-efficiency fluorescent lamps and electronic ballasts
- Energy submetering connected to building management system (DDC)
- Geothermal system for heating and cooling of the facilities
- Site anti-terrorism/force protection measures, security lighting, utilities and landscaping





## Chapman Technical Group St. Albans Office

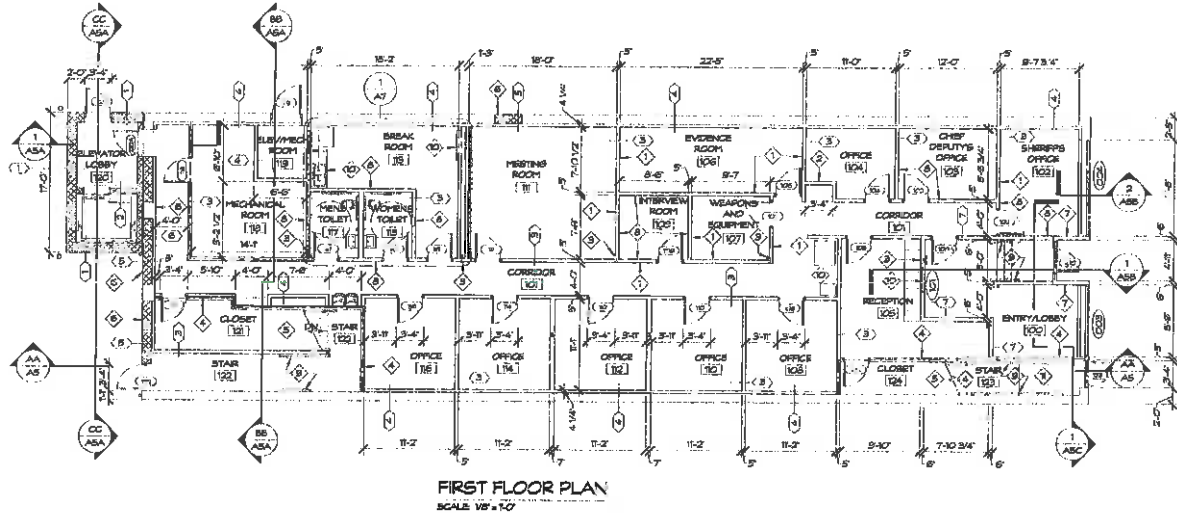
200 Sixth Avenue  
St. Albans, West Virginia 25177

The project included the design of the renovation of an existing 7,000 square-foot building and an 8,000 square-foot addition. The building, formerly U.S. Post Office, now serves as the main office of Chapman Technical Group. The renovation was completed in accordance with the U.S. Department of Interior standards and is now on the National Register for Historic Places.

The office was designed to provide optimum working conditions and included custom-designed CADD workstations and lighting, as well as conference and meeting room facilities. The building houses a complete fitness center, including locker rooms and showers, to provide incentive for employee wellness.



# ARCHITECTURE



## Mason County Sheriff's Office Point Pleasant, WV

The Mason County Commission selected this existing building adjacent to the County Courthouse to be headquarters for the Mason County Sheriff's Department. The three story 11,500 square-foot facility remained basically unchanged on the exterior with the exception of minor facade repairs, new doors and windows. The first floor interior of the building was completely demolished and rebuilt to house the new Sheriff's Office while the second and third floor were renovated for Sheriff's office storage, voting machine storage and programming, and other County needs. Other additions and renovations included a new elevator at the rear of the building, a new sprinkler system throughout the building,



# ARCHITECTURE



## Coal Heritage Area Authority Coal Heritage Discovery Center Mt. Hope, West Virginia

The Coal Heritage Discovery Center will occupy the historic Patteson Building in downtown Mt. Hope. The Coal Heritage Discovery Center will consist of offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area. There will also be an outdoor patio which can be used as exterior café seating.

The Center will be constructed in two phases. The first phase consisted of remedial work to weatherize the building and included the installation of a new roof and roof structure; repointing and repair of the exterior brick; cleaning the interior of the building and the installation of new doors and storefront.



*Right: Interior prior to renovation.*

# ARCHITECTURE



**Ritchie County Board of Education  
Smithville Elementary Renovation/Addition  
134 South Penn Avenue  
Harrisville, West Virginia**

The Smithville Elementary School project included the demolition of two buildings in the existing four building complex and the design of a new classroom wing and a new kitchen addition adjacent to the remaining buildings. The new additions were designed to join with the existing classroom wing and multipurpose building to create a single facility under one roof.

The new school will provide access control and better security, new HVAC systems and better indoor air quality, compliance with ADA/ABA requirements, and modern technology and amenities.





## Joseph E. Bird, ASLA

Vice President  
Project Manager

### Experience

Joe has been involved in a wide range of projects in his 30+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from campus development projects to ski area renovations. His experience includes coordinating the efforts of various local, state, and federal agencies.

**Years of Experience: 40**  
**Years with Chapman: 33**

#### Education

B.S., Landscape  
Architecture, 1978  
West Virginia University

#### Registration

Architect: WV, KY

#### Affiliations

Council  
of Landscape  
Architectural  
Registration Boards

WV Chapter,  
American Society of  
Landscape Architects

#### **WV DOH District One Master Plan;** Charleston, WV

Project Manager and Designer for the development of a master plan for the West Virginia Division of Highways District One campus to plan for future building sites, pedestrian and vehicular circulation, and the relocation of overhead utilities underground. The project also included the implementation of sustainable stormwater principles including bioswales, pavement infiltration where possible, and underground stormwater detention, to help alleviate chronic flooding which has plagued the project area.

#### **Smith Street Streetscape;** Charleston, WV

Project Manager and Landscape Architect for the design of a streetscape project as part of the overall development of the District One Campus project. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees.

#### **Covington Streetscape Project;** Covington, KY

Project Manager and Landscape Architect for the design of seven blocks of streetscape in Covington, Kentucky. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees. The project also included the design of new traffic signals and pedestrian crossing signals.

#### **Scottsville Streetscape Project;** Scottsville, KY

Landscape Architect for the design of two blocks of streetscape in Scottsville, Kentucky. The plan includes placing overhead utilities underground, new street lights, new sidewalks and curb ramps, and new street trees.

#### **WV DOH Alternative Transportation Projects**

Project Manager and Designer for the Alternative Transportation and Trail projects throughout West Virginia, including sidewalk projects, streetscape projects, and recreational trail projects. Managed and designed several phases of the ongoing streetscape projects for the City of St. Albans.



## Phillip A. Warnock, NCARB, AIA Project Architect

### Experience

Phill is an award-winning architect with extensive experience, having worked with clients on programming / planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He is especially skilled in renovation and historic restoration projects for government and municipal facilities.

**Years of Experience: 23**  
**Years with Chapman: 12**

#### Education

B.S., Architecture, 1995  
University of Tennessee

#### Registration

Architect: WV, KY

#### Affiliations

National Council  
of Architectural  
Registration Boards

WV Chapter,  
American Institute  
of Architects

#### Awards

Honor Award, WV AIA  
Upshur County Courthouse

Merit Award, WV AIA  
I-79 Burnsville Rest Area

#### Publications

Structure Magazine,  
February 2010  
"A Gem in the Mountains"  
Upshur County Courthouse  
Restoration

#### WV DOH District One Historic Architect; Charleston, WV

Responsible for documenting historic structures for submission to the West Virginia State Historic Preservation Office in conjunction with the redevelopment of the District One campus.

#### WV DOT Rest Areas and Welcome Centers

Project Architect for the design of the prototype rest areas and welcome centers for various locations throughout West Virginia.

#### State Road Commission Building; Charleston, WV

Project Architect for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building that was constructed beside the State Road Commission Building.

#### District One Equipment Shop Building; Charleston, WV

Project Architect for the design of the new \$10 million vehicle equipment shop building for District One which includes multiple service bays, parts storage, welding shop, and offices.

#### Coal Heritage Discover Center; Mt. Hope, WV

Project Architect for the Coal Heritage Discovery Center, which is a rehabilitation of the historic Pattenon Building in downtown Mt. Hope. The Coal Heritage Discovery Center will consist of offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area. There will also be an outdoor patio which can be used as exterior café seating.



## W. Thomas Cloer, III, NCARB, AIA Project Architect

### Experience

Tommy has extensive architectural experience, having worked with clients on programming / planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He regularly provides leadership in architectural design and project management for new building design and renovation projects such as K-12, parks and recreation, and government and municipal facilities.

**Years of Experience: 17**  
**Years with Chapman: 11**

#### Education

B.S., Architecture, 2001  
University of Tennessee

#### Registration

Architect: WV, VA

#### Affiliations

National Council  
of Architectural  
Registration Boards

WV Chapter,  
American Institute  
of Architects

St. Albans Property and  
Maintenance Board

St. Albans Historic District  
Committee Member

**Jane Lew Elementary School Addition;** Jane Lew, WV  
Project Architect for the design of an addition and renovation project that included five new classrooms, an updated office suite, and a new building entrance and bus loop. Toilet rooms were also renovated and new floor finishes were installed throughout the building. A new HVAC system serves the addition, and a new sprinkler system and fire alarm were installed for the entire school. New ceilings and lighting were also provided throughout.

**Smithville Elementary School Addition;** Smithville, WV  
Project Architect for the addition and renovation of the Smithville Elementary School project which included the demolition of two buildings in the existing complex and the design of a new classroom wing and a new kitchen addition adjacent to the remaining buildings. The new additions were designed to join with the existing classroom wing and multipurpose building to create a single facility under one roof.

**Man K-8 Addition;** Man, WV  
Project Architect for the Man K-8 Addition which included the design and space planning for a 9,360 square-foot addition to the existing school. The addition included four new classrooms, a 2,400 square-foot gymnasium/multipurpose room, ADA compliant restroom facilities, and a small landscaped courtyard. The design and construction was accomplished in 10 months and nearly 15% below budget.

**Lewis County High School Man Trap;** Weston, WV  
Project Architect for the design of a new secure entrance to Lewis County High School which included the planning and design of a man trap entrance.

#### Other School Experience

Tommy has served as an architect and designer on numerous school projects throughout West Virginia ranging from small renovation projects to new high schools. He is well versed in the requirements and procedures of the West Virginia School Building Authority and the West Virginia Department of Education Policy 6200.



## Aaron Nickerson, AIA, LEED Green Project Architect

### Experience

Aaron is experienced with the full range of architectural services, including programming, schematic design, design development, code research, construction documents, and construction administration. He regularly provides architectural leadership for complex building projects.

**Years of Experience: 13**  
**Years with GRW: 12**

#### Education

Bachelor of Architecture  
(with honors), 2006, University of Kentucky

Master of Architecture,  
2007, University of Kentucky

#### Registration

Registered Architect: KY,  
TN, IN, WV, FL, NY, WA

National Council of Architectural Registration Boards (NCARB) Certification

LEED Green Associate

Certified Interior Designer:  
Kentucky

#### Professional Affiliations and Training

American Institute of Architects (AIA)

U.S. Green Building Council (USGBC)

Society of American Military Engineers (SAME)

**Frankfort Plant Board Administration Building;** Frankfort, KY  
Project Manager. New three-level, 46,000 SF administration building on 30-acre site providing consolidated facility for administrative offices (accounting, human resources, management, IT, dispatch, customer service), as well as exterior drive through tellers, board/community room and designated shelter area. Building construction includes primarily architectural precast concrete panels with design elements such as structural silicone glazing systems and aluminum panels.

**Nicholasville Municipal Utilities Building Renovation;** Nicholasville, KY  
Project Manager. Renovation of 5,600 SF building including reorganization of building's lobby and customer service functions, four new customer service stations, accessibility upgrades material finishes upgrades, new exterior building access, and new lobby lighting, power and data/communications.

**Blue Grass Army Depot Personnel Support Facility;**  
Richmond, KY  
Project Manager. Design-build project of approximately 7,500 SF, pre-engineered metal building including space for field office activities, conference rooms, locker and changing areas, and laundry and storage.

**Wright Patterson AFB Consolidate/Renovate Building 614;**  
Wright-Patterson, OH - Architect. Demolition of Building 745 CE Grounds Maintenance; consolidation and renovation of existing Building 614 CE Grounds Maintenance Shop; and addition to Building 614 in Area B. Design-build delivery.

**Munfordville City Hall Renovation, Munfordville, KY** - Architectural Designer. Design for renovation of the existing 8,920 SF historic City Hall located on Main Street severely damaged by a tornado, presenting an opportunity to reconfigure the floor plan for improved space utilization and ADA compliance. Spaces provided Mayor's office, City Council chambers, City Clerk's office, Police Department, Water & Sewer Department offices and garage area, public lobby and service counter for bill payment





## Sharon L. Chapman

### Interior Design

### Experience

Sharon has extensive experience in space planning and interior design and has worked on a variety of projects ranging from industrial facilities to high-end professional offices. She offers a unique perspective, understanding the need to provide durable, low maintenance finishes, while enhancing the basic architectural design with just the right aesthetic touch.

**Years of Experience: 25**  
**Years with Chapman: 24**

#### Education

B.A., Art and Interior  
Design, 1993  
University of Charleston

#### Registration

Allied Member, American  
Society of Interior  
Designers

#### Affiliations

Allied Member, ASID

St. Albans Rotary

Thomas Memorial Hospital  
Foundation

Gabriel Project of WV

#### State Road Commission Building; Charleston, WV

Interior Designer for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district.

#### WV DOT Rest Areas and Welcome Centers

Interior Designer for the design of the prototype rest areas and welcome centers for various locations throughout West Virginia.

#### Jane Lew Elementary School Addition; Jane Lew, WV

Interior Designer for the addition and renovation project that included five new classrooms, and an updated office suite.

#### Smithville Elementary School Addition; Smithville, WV

Interior Designer for the addition and renovation of the Smithville Elementary School project which included the design of a new classroom wing and a new kitchen addition adjacent to the remaining buildings.

#### Man K-8 Addition; Man, WV

Interior Designer for the Man K-8 Addition which included the design and space planning for a 9,360 square-foot addition to the existing school. The addition included four new classrooms, a 2,400 square-foot gymnasium/multipurpose room, ADA compliant restroom facilities.

#### Pocahontas Wellness Center; Marlinton, WV

Interior Designer for a community wellness center which included a middle-school size gym and basketball court; a wellness center; two multi-purpose rooms; a racquetball court; and a warming kitchen/concession stand.

#### Coal Heritage Discover Center; Mt. Hope, WV

Interior Designer for the Coal Heritage Discovery Center which will consist of offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area.



## David C. Hoy, P. E.

### Civil/Structural Engineer

## Experience

Dave is experienced in the design of various building structural systems including timber, concrete, steel, and masonry construction, as well as foundation design, including deep foundation systems. He has provided structural engineering on a variety of structures including schools, office buildings, recreation facilities, and water and wastewater treatment structures.

**Years of Experience: 12**  
**Years with Chapman: 11**

### Education

B.S., Civil Engineering, 2006  
West Virginia University

### Registration

Civil Engineer: WV, KY, VA

### Affiliations

Chi Epsilon, National Civil  
Engineering Honor Society

ASCE, Member

**Jane Lew Elementary School Addition;** Jane Lew, WV  
Project Structural Engineer for the design of an addition and renovation project that included five new classrooms, an updated office suite, and a new building entrance and bus loop.

**Smithville Elementary School Addition;** Smithville, WV  
Project Structural Engineer for the addition and renovation of the Smithville Elementary School project which included the demolition of two buildings in the existing complex and the design of a new classroom wing and a new kitchen addition adjacent to the remaining buildings.

**Pocahontas Wellness Center;** Marlinton, WV  
Project Structural Engineer for a 13,000 square-foot community wellness center, constructed adjacent to but separate from the existing Marlinton Elementary School.

**Coal Heritage Discover Center;** Mt. Hope, WV  
Project Structural Engineer for the Coal Heritage Discovery Center, which is a rehabilitation of the historic Patteson Building in downtown Mt. Hope, consisting of offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area.

**State Road Commission Building;** Charleston, WV  
Project Structural Engineer for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district.

**Tube Park Lodge;** Canaan Valley, WV  
Project Structural Engineer for the a new timber-frame tube park lodge at Canaan Valley Resort State Park

**WV DOH District One Equipment Shop;** Charleston, WV  
Project Structural Engineer for the new 34,000 square-foot, 14-bay vehicle maintenance building. The design included pre-cast concrete wall panels and deep foundations and grade beams.



## Monty Maynard, PE, LEED AP BD+C

### Vice President

## Experience

Monty's experience with electrical design, process instrumentation and control design, and project management is extensive. He has been involved with the design of building systems for more than 300 projects, ranging from water resources projects to the design-build of federal prisons with total construction values as high as \$984 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, instrumentation/controls/telemetry, power quality, energy efficiency and code compliance.

**Years of Experience: 41**  
**Years with GRW: 21**

### Education

B.S., Electrical Engineering,  
1978,  
University of Kentucky

### Registration

Professional Engineer (Elec-  
trical): KY, WV, IN, GA, TN,  
TX, NV, NC, MS, MI, AL, CA

LEED Accredited Profes-  
sional, Building Design +  
Construction

### Affiliations

National Fire Protection  
Association

International Society of  
Automation

American Council of  
Engineering Companies

National Council of  
Examiners for Engineering  
and Surveying

### Cumberland Valley Technical College Building One

**Renovation**, Harlan, KY - Electrical Engineer. Renovation design for 31,000 SF building including updated exterior appearance, and modernized teaching spaces. Work included total replacement of building mechanical and electrical systems.

### Fort Knox Macdonald Elementary School Renovation, Ft.

Knox, KY - Principal-in-Charge. Renovation of a 63,000 SF Army school with year-round schedule. Involved a new standing seam roof installed over 48,000 SF to create an attic for 100% replacement of existing HVAC system equipment with geothermal-based heat pump system, new electrical service system, and fire alarm system upgrade.

### Lexington Catholic High School Phase II Addition, Lexington,

KY - Engineering Manager. 48,000 SF addition included 1800-seat two level gymnasium and running track, performing arts stage, art wing, and new administration area.

### Marshall University Weisberg Family Engineering Laboratory,

Huntington, WV - Electrical Engineer. New, 16,000 SF engineering laboratory building. Building security systems included access control and CCTV. HVAC systems feature rooftop VAV systems with variable electric reheat.



## Doug Cage, PE

### GRW Mechanical Engineer

## Experience

Specializing in the design of building mechanical (HVAC, plumbing, and fire protection) and process systems, Doug regularly works with a diverse client base, and has completed projects involving water resources, education, equine, healthcare, military; and local, state, and federal governments. Doug has been responsible for the mechanical, plumbing, and fire-protection systems design and construction of over 100 new and renovated facilities. His vast energy efficient HVAC systems design experience is further enhanced by his background as a manager and energy engineer of the U.S. Army's Energy Office at Fort Leonard Wood. Doug has recently been through EPA training on Energy Star Certification.

**Years of Experience: 29**  
**Years with GRW: 13**

### Education

M.S., Mechanical Engineering, 1995, Missouri University of Science and Technology

B.S., Mechanical Engineering, 1988, Missouri University of Science and Technology

### Registration

Professional Engineer: WV, KY, MO, AL, OH, TX

### Affiliations

American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)

American Society of Mechanical Engineers (ASME), Member

Building Officials & Code Administrators International (BOCA), Professional Member

### **Pulaski High School Concessions Building;** Somerset, KY

Lead Mechanical Engineer for a new concession building and grandstand for the high school football field.

### **Rising Sun Community Park Restroom;** Rising Sun, IN

Mechanical Engineer. Design, permitting, bidding and construction administration services for an ADA-compliant public restroom for at 30-acre community park. The 500 SF project involves the design of a men's and women's restroom facility with 6 plumbing fixtures: 3 water closets, 2 lavatories, and 1 urinal; as well as, a large central plumbing chase for easy plumbing and mechanical maintenance. Includes hydraulic analysis of the existing sanitary sewer pressure main, design of a new grinder pump system, new pressure main for sewer service, new water service, as well as, expansion to the existing electrical system.

### **Pulaski Northern Middle Concessions Building, Pulaski County Schools;** Somerset, KY

Lead Mechanical Engineer for a new concession building for football and soccer activities.

### **Women's Soccer Complex, Eastern Kentucky University;**

Richmond, Ky

Lead Mechanical Engineer for a project consisting of a new facility for the women's soccer program at ECU including locker rooms, offices, concession area, laundry and public restrooms along with a new field.

### **Mary T. Meagher Aquatic Center;** Louisville, Ky

Lead Mechanical Engineer for a project that rebuilt the 50-meter indoor pool facility, saving only the structure and pool base from the original building. The facility features an indoor Olympic pool that offers lap swimming, water exercise and swim lessons; an indoor therapy pool; an outdoor children's wading pool, and a fitness center with Cybex, free weight and cardio equipment.



## Robert G. (Greg) Belcher, P. E.

Principal-In-Charge  
Vice-President

### Qualifications

#### Airfield Projects

Design and project management for more than 150 airfield improvement projects, including major projects funded in part by the FAA, such as the construction of the Appalachian Regional Airport and numerous runway, taxiway and apron pavement rehabilitation projects.

#### Roadway Projects

Design and project management for large highway and bridge projects, including major projects for the West Virginia Division of Transportation such as WV Route 10, Corridor H, and several bridge projects.

#### Water Systems

Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 10 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, elevated pedestal tanks, and pre-stressed concrete tanks.

#### Wastewater Systems

Design and project management for numerous wastewater systems throughout West Virginia. Projects include new, secondary and tertiary wastewater treatment plants as large as 4.5 MGD, improvements to existing plants, small-flow treatment plants, new and rehabilitation of wastewater collection systems, and facility plan updates.

**Years of Experience:** 34  
**Years with Chapman:** 31

#### Education

B.S., Civil Engineering, 1983,  
West Virginia University  
Institute of Technology

#### Registration

Civil Engineer: WV, OH

#### Affiliations

WV Water Environment  
Association  
Contractor's Association of WV  
WV American Water Works  
Association  
WV Society of Professional  
Engineers  
WV American Council of  
Engineering Companies  
WVUIT Civil Engineering  
Advisory Board  
WV Qualifications Based  
Selection Council

#### Awards

George Warren Fuller  
Award, 2001



## Roger Kennedy, ASLA

### Landscape Architect

### Experience

Roger has a very diverse professional background, having been involved in parks and recreation projects, highway design, stormwater management, and trail and streetscape design. Other experience includes the use of various civil design software packages for use in site development and road design, digital terrain modeling, hydraulic analysis and related computer aided design tools, as well as the development and management of the computing resources of the company.

**Years of Experience: 28**  
**Years with Chapman: 26**

#### Education

B.S., Landscape  
Architecture, 1990  
West Virginia University

#### Registration

Landscape Architect: WV,  
KY

#### Affiliations

Trustee, WV Chapter,  
American Society of  
Landscape Architects

Past President, St. Albans  
Rotary

Cubmaster,  
BSA Pack 146

Member, Sigma Lambda  
Alpha Honor Society of  
Landscape Architects

#### Awards

WV Division of Highways  
Engineering Excellence:  
WV Route 10  
2013, 2011, 2000  
Corridor H  
2013

#### Chief Logan State Park Cabin Access Road; Logan, WV

Project Landscape Architect for a new 1700-foot access road serving three new cabins for the West Virginia Division of Natural Resources. The project included utility design, stormwater management, and extensive erosion and sediment control.

#### Blennerhassett Boat Dock; Parkersburg, WV

Project Landscape Architect for the development of a boat dock facility for the Island Belle sternwheeler at the Blennerhassett Historic State Park. The project included not only the design of the boat dock, but also U.S. Army Corps of Engineers permitting, and coordination of archaeological and biological studies and permits.

#### Meadow River Trail; Greenbrier and Fayette Counties, WV

Project Landscape Architect for a multi-use rail trail being developed by the Greenbrier and Fayette County Commissions in West Virginia as a Recreation Trail Project administered by the West Virginia Division of Highways. The project includes the rehabilitation of 17 miles of compacted aggregate trail and six railroad trestles, which will be rebuilt to accommodate pedestrian, bicycle and equestrian traffic. After the initial design was complete, seasonal floods damaged the existing trail. Working with FEMA and the County Commissions, the project scope was expanded to include flood damage repair.

#### Robert C. Byrd Federal Courts Complex; Beckley, WV

Working with Project Architect Robert A. M. Stern of New York and Einhorn Yaffee and Prescott of Washington, D.C., Roger served as Project Landscape Architect and provided design and construction services for all site design including site grading and drainage, stormwater management, and utility relocation. During the first phase of construction, Roger served as the on-site construction representative to oversee all utility relocations and foundation excavations.



## Jason E. Brown, P.S.

### Professional Surveyor

## Experience

### Highways

Established control, site surveying, topographic surveying, courthouse research, drawing production, Right-of-Way Questionnaires, bore hole stake out, and all surveying associated with the initial and final design of WV highways.

**Years of Experience: 23**  
**Years with Chapman: 8**

### Education

A.S., Land Surveying, 2002  
Glenville State College, WV

### Registration

Professional Surveyor: WV,  
KY, VA, PA

### Affiliations

WV Society of Professional  
Surveyors

### Site Development

Experienced in all types of surveying associated with site development, to include control, topographic boundaries, research, and drawing production. Projects include military complexes, public housing, commercial development, industrial and institutional complexes, churches, resorts and public facilities throughout the state.

### Schools

Associated surveying for new schools, additions, athletic fields, and sidewalks projects.

### Parks and Recreation

Associated surveying for projects including swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems.

### Water/Wastewater/Stormwater Systems

Associated surveying for the design of water systems, sanitary sewer systems, and stormwater systems, including treatment facilities for both private and public systems throughout the state. Also, field experience in the inventory and collection of attribute data using GPS equipment for uploading to GIS databases.

### Boundary Surveys

Experienced in full boundary surveys and ALTA surveys for military complexes, private residences, prison facilities, commercial sites, and all boundaries associated with various engineering projects throughout the state.

## REFERENCES



1. Mr. Bradley Leslie, P.E., Assistant Chief  
WV Division of Natural Resources  
Parks and Recreation  
324 4th Avenue  
South Charleston, WV 25303  
(304) 558-2764

***"Without reservation, I would recommend your Group for future projects."***  
**Steve Casto, Lewis County Schools**

*"Your design, expertise and foresight brought this elementary facility into the 21st century. The diligence and professionalism demonstrated by your staff made the entire construction experience more pleasant and rewarding for all involved."*

- David Weekley, Ritchie County Schools
2. Mr. Josh Smith, PE  
WV Department of Transportation  
Division of Highways  
1900 Kanawha Boulevard, East  
Charleston, WV 25305  
(304) 887-2325

*"I wish to express the appreciation of my department for your work in renovating the third floor of the Morrow Library. We had a thoroughly pleasant experience while you were working on this project."*

- Lisle Brown, Marshall University
3. Mr. Dirar Ahmad, P.E.  
West Virginia Division of Highways  
1334 Smith Street  
Charleston, WV 25301  
(304) 558-9721

*"Your design work has resulted in the renovation of our 32,000 square-foot research and office complex, which has enhanced the facility's appearance and increased the building's energy efficiency. Your attention to detail and the guidance of the contractor made the renovation process painless."*

- Roger Anderson,  
WV Division of Natural Resources
4. Mr. John Gerlach  
County Administrator  
Mason County Commission  
200 Sixth Street  
Point Pleasant, WV 25550  
(304) 675-1110

*"Chapman Technical Group has been involved in three projects for us to date. All three were handled by your Group as if it were their only project. Additionally, all three projects were designed expertly and concisely, came in on budget, and managed pragmatically."*

- Steve Casto, Lewis County Schools
5. Ms. Cindy Whetsell  
County Administrator  
Lewis County Commission  
110 Center Avenue  
Weston, WV 26452  
(304) 668-2566

*"It [the addition] was perfect. Not more than we needed, not less!"*

- Jamal Kahn, Chairman, IAWV Board of Trustees