

# District Three, New I-77 Medina Substation

Expression of Interest for  
Architectural/Engineering Services

July 3, 2018

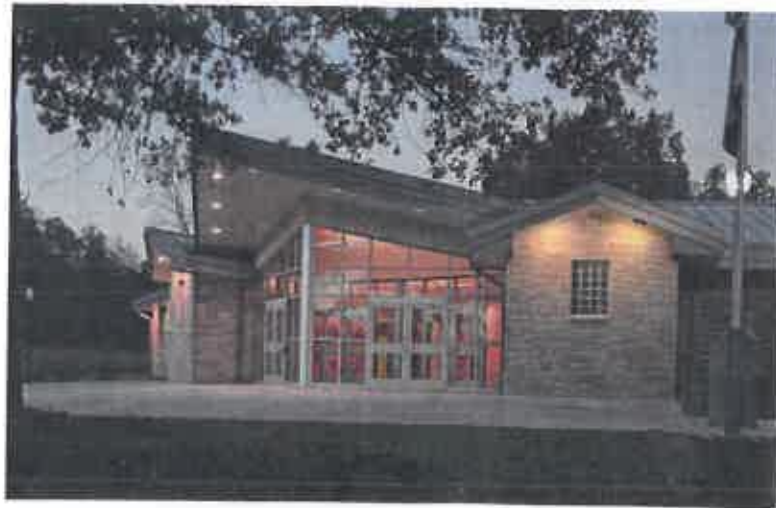
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2018 JUL 03 AM 8:58

WV PURCHASING  
DIVISION



Chapman  
Technical  
Group  
a division of  
GRW



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July 3, 2018

Mark A. Atkins, Buyer  
Department of Administration  
Purchasing Division  
2019 Washington Street, East  
Charleston, West Virginia 25305

**Re: A/E Services for District Three  
New I-77 Medina Substation**

Dear Mr. Atkins:

Chapman Technical Group is most interested in providing the required A/E services for the design of the New I-77 Medina Substation.

Our project team has provided similar services for DOH projects in the past, including the design of the Standard Rest Areas and Welcome Centers, the District One SRC Building, and the District One Maintenance Shop Building. We have routinely met project budgets and schedules for agencies including the West Virginia Division of Highways, the West Virginia Division of Natural Resources, and the Coal Heritage Trail Authority.

In Chapman Technical Group's project management system, the Project Manager will be the point of contact for the DOH for all communications related to the project. It will be the Project Manager's responsibility to ensure that all project team members receive design directives and are involved in resolving project issues. Having a single point of contact helps minimize confusion and is the most efficient communications method. The Project Manager will also coordinate all progress meetings and site visits during construction and will ensure that all communications are forwarded to the appropriate DOH personnel. For this project, Joseph Bird will serve as the Project Manager.

Chapman Technical Group has an excellent track record of completing projects in budget. Our most WVDOH project, the \$6.5 million State Road Commission Building Renovation for District One, came in within budget and was completed with only 1.2% of non-owner directed change orders. Our method of cost control includes developing accurate opinions of cost in the early stages of design, so that decisions regarding the scope of the project can be addressed early when adjustments to the design are easier to achieve. As the project progresses, we will consider alternate systems that can provide the required result in a way that is cost-effective, both short-term and long-term. We will also develop alternate bid items to ensure that the project stays within the budget. During construction, we will work with the contractors to establish a team relationship so that as issues arise, we can work together to find the most



Mr. Mark A. Atkins, Buyer  
July 3, 2018  
Page Two

cost-effective solution. We are often able to find alternative means of construction that help to costs associated with unforeseen conditions.

We have completed many projects for state agencies within the allotted schedule and are confident that we can meet any schedule required for this project. Our Project Manager will establish internal review deadlines with all parties which will ensure compliance with your schedule for bidding and construction. Our full service firm will allow us to address the peripheral issues of the project, such as water and sanitary sewer, effectively and efficiently.

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. With nearly 250 professionals company-wide, we certainly have the capability to meet the demands of the District 7 project. Additionally, our staff includes interior designers, civil engineers, mechanical and electrical engineers, and landscape architects to provide a full range of services sometimes required on building projects.

During construction, we will strive to maintain a true team relationship so that issues are resolved quickly with input from all parties, including your field representative. Work in West Virginia can be subject to extreme weather conditions, which must be taken into consideration when scheduling construction activities. As always, it takes a coordinated effort from the Architect and the Owner apply the appropriate pressure to keep the project moving expeditiously, while maintaining a positive relationship with the Contractor.

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.

Sincerely,

**CHAPMAN TECHNICAL GROUP**

Joseph E. Bird, ASLA  
Vice President



Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

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

Proc Folder: 451805

Doc Description: EOI - DISTRICT THREE, NEW I-77 MEDINA SUBSTATION


Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2018-05-30	2018-07-03 13:30:00	CEOI 0803 DOT1800000001	1

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

Vendor Name, Address and Telephone Number:

FOR INFORMATION CONTACT THE BUYER  
 Mark A Atkins  
 (304) 558-2307  
 mark.a.atkins@wv.gov

Signature X  FEIN # 550704766 DATE 7-2-2018  
 All offers subject to all terms and conditions contained in this solicitation

**ADDITIONAL INFORMATION**

The Acquisition and Contract Administration Section of the Purchasing Division is soliciting Expression(s) of Interest (EOI) for the West Virginia Division of Highways (WVDOH), District Three Headquarters (Agency), from qualified firms to provide architectural/engineering services (Vendors) as defined herein.

\* Online submission of Expression of Interests are Prohibited

INVOICE TO	SHIP TO
DIVISION OF HIGHWAYS DISTRICT THREE 624 DEPOT ST PARKERSBURG WV26101 US	DIVISION OF HIGHWAYS DISTRICT THREE 624 DEPOT ST PARKERSBURG WV 26101 US

Line	Comm Ln Desc	Qty	Unit Issue
1	EOI - DISTRICT THREE, NEW I-77 MEDINA SUBSTATION		


Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

EOI - DISTRICT THREE, NEW I-77 MEDINA SUBSTATION


Line	Event	Event Date
1	Technical Questions due by 2:00pm EDT:	2018-06-18

**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  
\_\_\_\_\_  
(Printed Name and Title)  
200 Sixth Avenue, St. Albans, WV 25177  
\_\_\_\_\_  
(Address)  
(304) 727-5501 / (304) 727-5580  
\_\_\_\_\_  
(Phone Number) / (Fax Number)  
jbird@chapttech.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)

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

Joseph E. Bird, VP  
\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

7-2-2018  
\_\_\_\_\_  
(Date)

(304) 727-5501, (304) 727-5580  
\_\_\_\_\_  
(Phone Number) (Fax Number)

West Virginia Ethics Commission  
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Chapman Technical Group Address: 200 Sixth Avenue

St. Albans, WV 25177

Authorized Agent: Joseph E. Bird Address: 200 Sixth Avenue, St. Albans, WV 25177

Contract Number: CE01 0803 DOT1800000001 Contract Description: A/E Services for District Three, New I-77 Medina Substation

Governmental agency awarding contract: WV Department of Administration

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

Terracon

GRW

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Joseph E. Bird

Signature: [Handwritten Signature]

Date Signed: 7-2-2018

Notary Verification

State of West Virginia, County of Kanawha:

I, Amanda Sutphin, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 2<sup>nd</sup> day of July, 2018.



Notary Public, State of West Virginia  
Amanda M. Sutphin  
Chapman Technical Group  
200 Sixth Ave.  
St. Albans, WV 25177

[Handwritten Signature]  
Notary Public's Signature

To be completed by State Agency  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_



STATE OF WEST VIRGINIA  
Purchasing Division

**PURCHASING AFFIDAVIT**

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), 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 §5A-3-10a, 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 § 23-2c-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

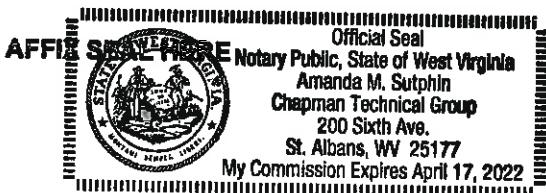
Authorized Signature: [Signature] Date: 7-2-2018

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 2<sup>nd</sup> day of July, 2018.

My Commission expires April 17, 2022.



NOTARY PUBLIC [Signature]

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CEOI 0803 DOT180000001**

**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:**

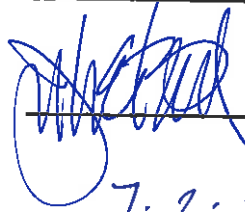
(Check the box next to each addendum received)

- |  |  |
|--|--|
| <input checked="" 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 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

7.2.2018

Date

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

# 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.

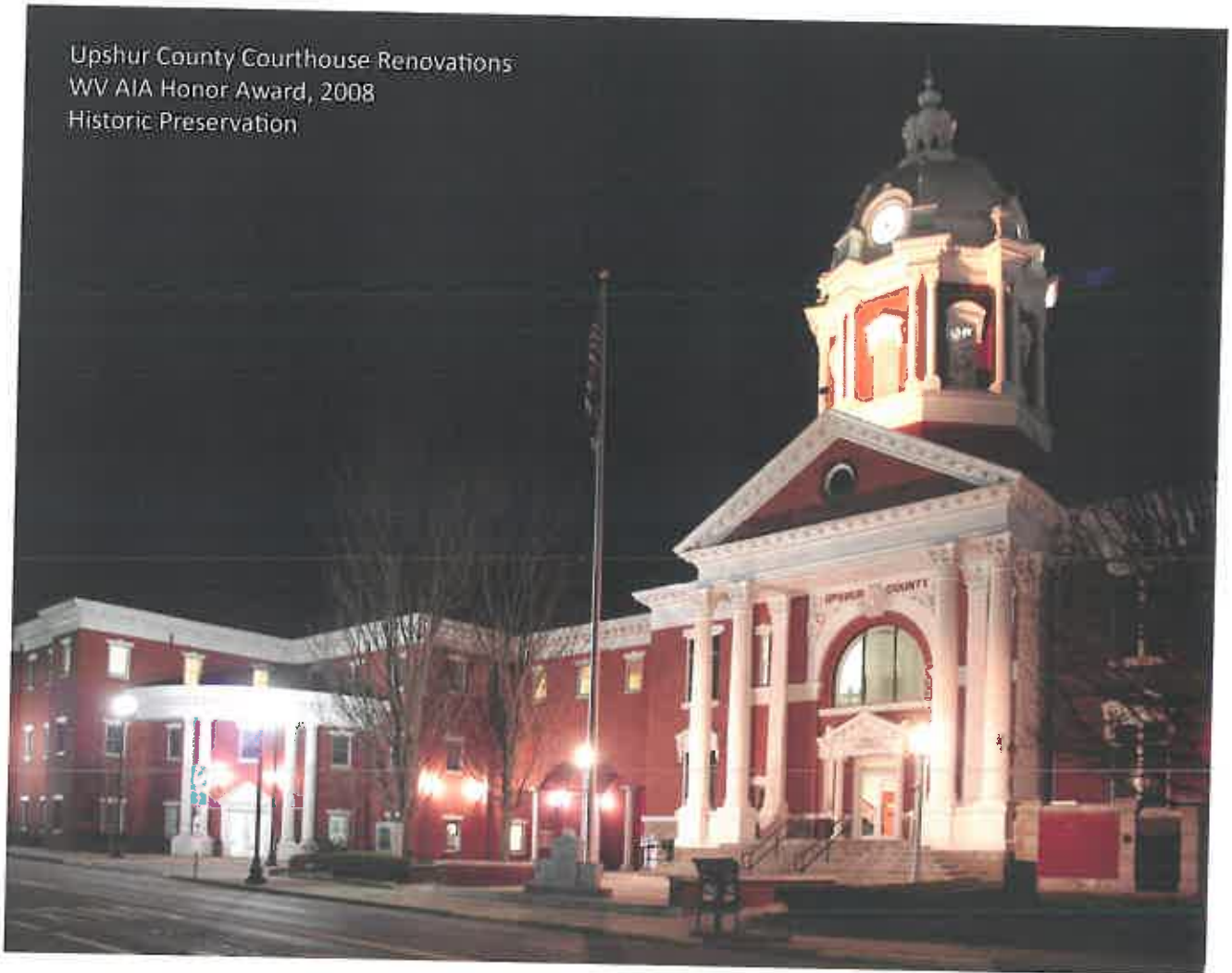
# COMPANY OVERVIEW & AWARDS



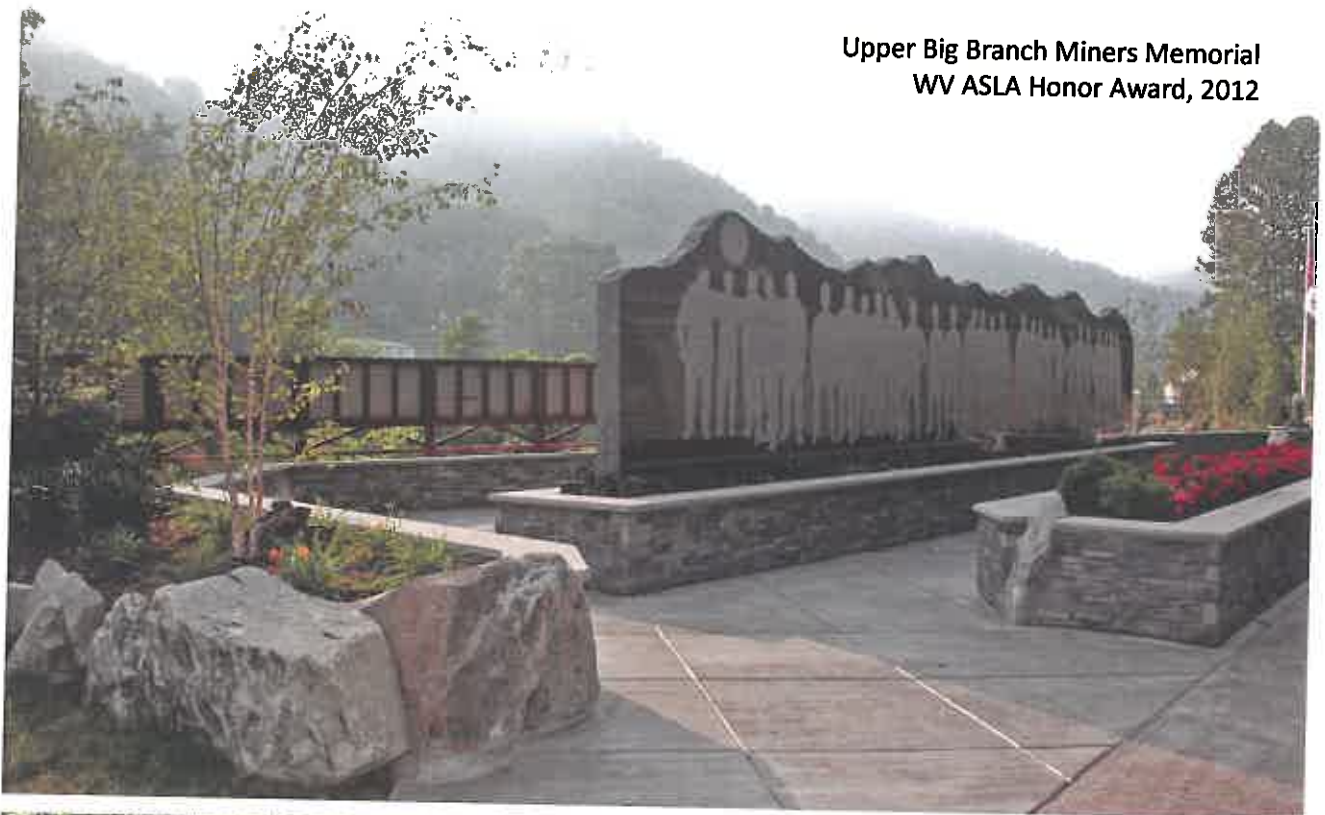
# COMPANY OVERVIEW & AWARDS



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



# COMPANY OVERVIEW & AWARDS



Upper Big Branch Miners Memorial  
WV ASLA Honor Award, 2012



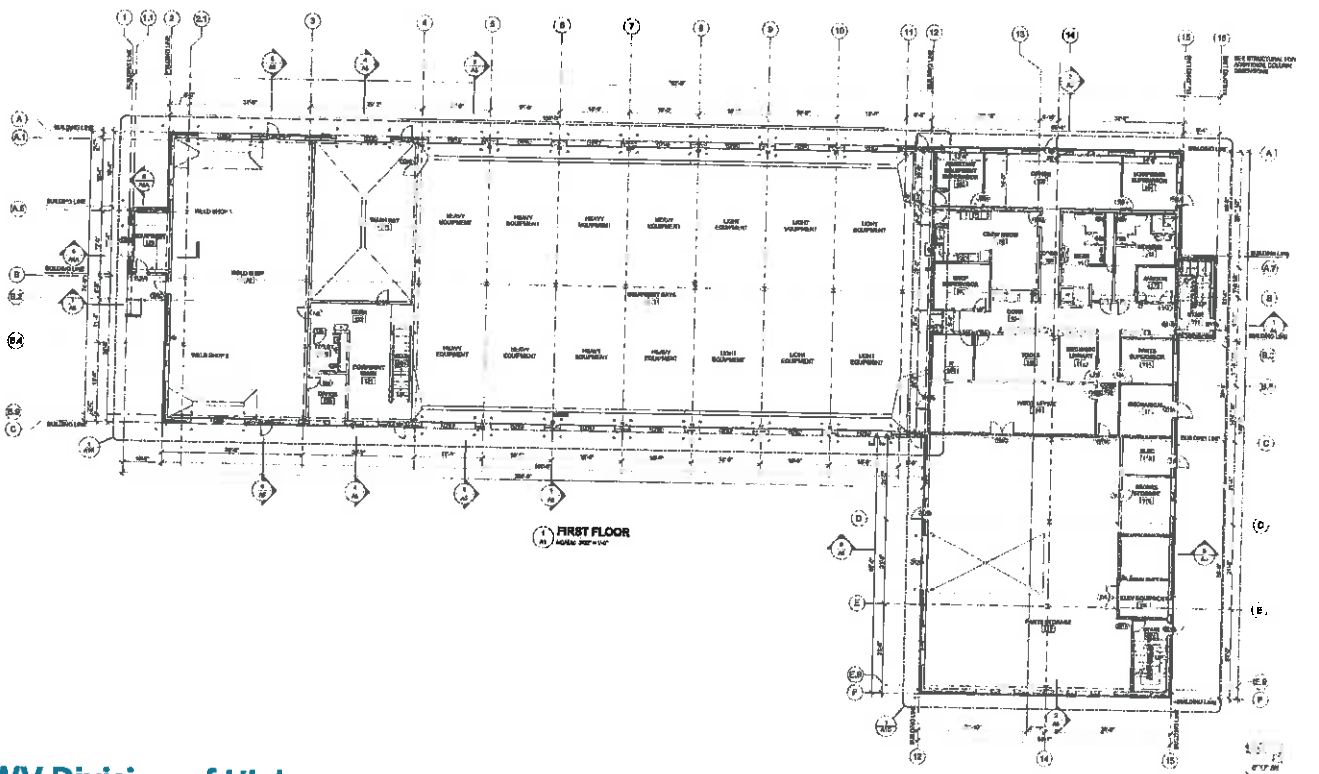
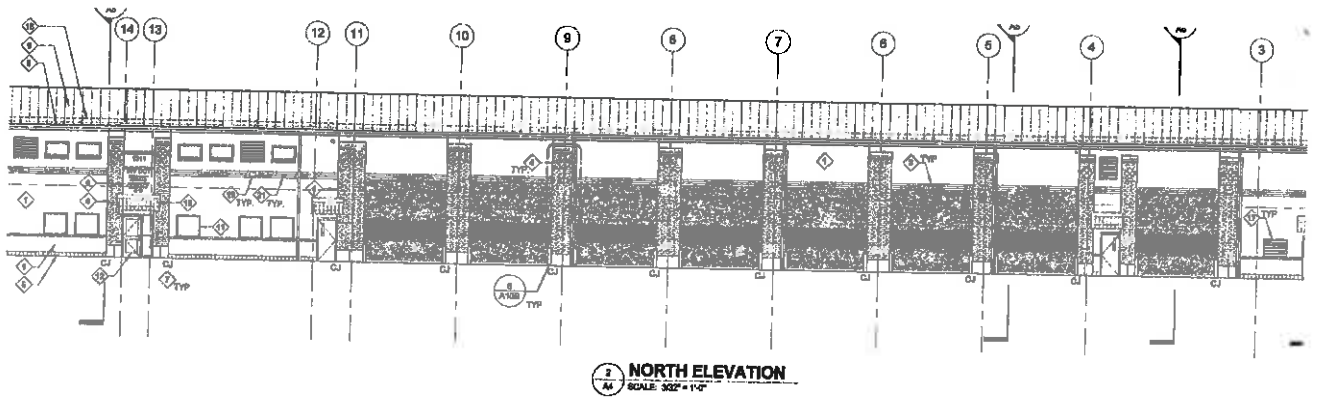
Nuttallburg Historic Mining Complex  
WV ASLA Merit Award, 2012



## 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.





## WV Division of Highways District One Shop Building Charleston, West Virginia

As part of the West Virginia Division of Highways District One Campus Renovation, a new vehicle maintenance building will be constructed. Seven drive-through bays will provide space for maintenance of large vehicles and trailers, and will be fully equipped with lifts and equipment. Separate bays will be provided for welding, vehicle

washing, and parts washing. Offices and training rooms, as well as parts and tire storage, will also be included in the facility. The building was designed to complement the architecture of the other buildings of the downtown campus.





*American Institute of Architects, Merit Award, 2009*



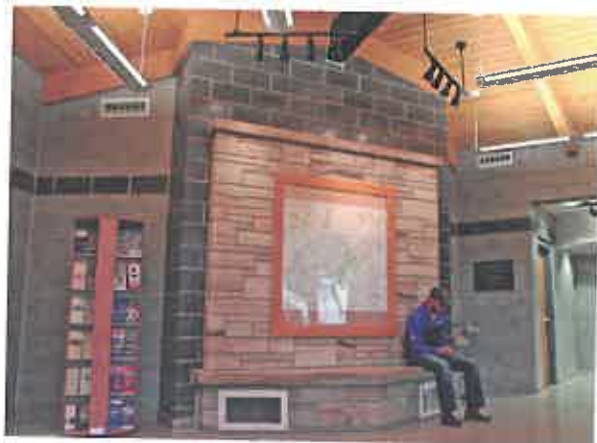
## **WV DOT Division of Highways**

**Burnsville Rest Area**

**Burnsville, West Virginia**

The Burnsville Rest Areas are the first of the new standard rest areas to be built around the state for the West Virginia Department of Transportation. A dual-facility layout ensures that demand will be met for many years. Native materials, including smooth cut and rough stone, were used inside and out. Low maintenance but highly durable materials including

the tern-coated stainless steel roof, glass, aluminum, wood, polished groundfaced CMU, and epoxy terrazzo were used throughout. The design plays off of West Virginia imagery and creates safe, warm, and welcoming spaces. Separate maintenance and vending buildings complement the main structures.



## WV DOT Division of Highways

White Sulphur Welcome Center

I-64, Mile Marker 179

White Sulphur, West Virginia

The White Sulphur Welcome Center is one of the new standard welcome centers to be built around the state for the West Virginia Department of Transportation. A dual-facility layout ensures that demand will be met for many years. Native materials, including smooth cut and rough stone, were used inside and out. Low maintenance but highly durable materials including the lead roof, glass, aluminum, wood, polished ground-faced CMU, and epoxy terrazzo were used throughout. The design plays off of West Virginia imagery and creates safe, warm, and welcoming spaces. Separate maintenance and vending buildings complement the main structures.



**Barbour County Economic Development Authority**  
**Belington Multi-Tenant Business Incubator**  
Belington Industrial Park  
Belington, West Virginia

Chapman Technical Group assisted the Barbour County Economic Development Authority by providing design services and construction administration for the Belington Multi-Tenant Building located in the Belington Industrial Park. The Multi-Tenant Building is a 25,100 s.f. metal building which consists of three 8,300 s.f. tenant spaces, each with their own office core and bay spaces.





## **Philippi Barbour Airport Multi-Tenant Building** Philippi, West Virginia

**This project involved the design of a 7,000 square-foot, one-story, multi-purpose/multi-tenant office and industrial facility. The building was designed as a small Aircraft Maintenance Facility and as such required a sprinkler system that included a 200,000 gallon water tank and a fire pump building. Also included was the development of a 2-acre site, 1.25 miles of DOH roads, parking areas, electrical and power requirements, and storm, sewer and water systems, as well as all landscaping.**

# ARCHITECTURE

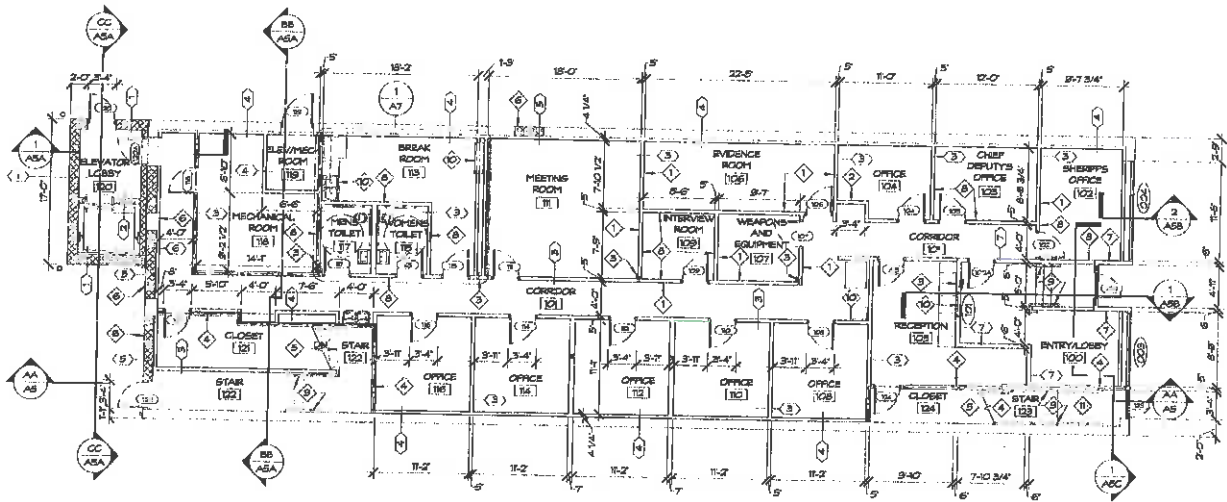


**New Pocahontas County  
Wellness Center**  
Marlinton, West Virginia

The Wellness Center was constructed adjacent to, but separate from, the existing Marlinton Elementary School. The Pocahontas County Board of Education provided the property in exchange for daytime use of the gymnasium, which the school did not have. The new construction is approximately 13,000 square feet and includes a middle-school size gym and basketball court; a wellness center; two multi-purpose rooms, one of which can be divided into two classroom size rooms with a folding, sound attenuating partition; a racquetball court; and a warming kitchen/concession stand.

The facility is configured with separate entries to allow use by the school and the public at all times of the day while limiting or prohibiting interaction of the various groups.





FIRST FLOOR PLAN  
SCALE 1/8" = 1'-0"

## 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,





**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.





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

*American Institute of Architects, Honor Award, 2008*

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 the plaza renovated to 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.







## Joseph E. Bird, ASLA

Vice President  
Project Officer

### 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 a 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 signs 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 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.



## 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: 27**  
**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

Assistant 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

#### 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. Current projects include Shepherdstown Multi-use Trail Project, Poca Sidewalk Project, Lewisburg Route 219 Sidewalk Project, Lewisburg L&R Trail Project, Lewisburg Civil War Trail Project.

**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.

**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.

#### WV DOT Highway Projects

Responsibilities include the design of horizontal and vertical road alignments, superelevation design, intersection layout, slope design and quality control review. Projects include several multi-lane highways and bridges throughout West Virginia.



## 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

#### **Philippi Barbour Airpor Multi-tenant Building**, Phillip, WV

Project Architect for the design of a 7,000 square-foot, one-story, multi-purpose/multi-tenant office and industrial facility. The building was designed as a small Aircraft Maintenance Facility and as such required a sprinkler system that included a 200,000 gallon water tank and a fire pump building. Also included was the development of a 2-acre site, 1.25 miles of DOH roads, parking areas, electrical and power requirements, and storm, sewer and water systems.

#### **Chief Logan State Park Cabins**; Davis, WV

Project Architect for three new cabins at Chief Logan State Park. Each cabin has four bedrooms and a central-living, dining, kitchen area. Wood floors and trim as well as a large stone fireplace give these modern cabins give these cabins an upscale appearance.

#### **Blackwater Falls State Park Cabins**; Davis, WV

Project Architect for thirteen new cabins in the environmentally-sensitive Blackwater Falls State Park. One of the Goals in Developing the project was to have as little environmental site impact as possible. Each cabin has four bed rooms and a central-living, dining, kitchen area. Wood floors and trim as well as a large stone fireplace give these modern cabins a more rustic feel.

#### **Tube Park Lodge**; Canaan Valley, WV

Project Architect for the New Tube Park Lodge and other existing facilities upgrades that were part of a wide range of improvements to the ski area at Canaan Valley Resort State Park. The new tubing lodge features a wood burning fire place, restrooms, a concession stand for hot drinks and an outdoor patio with wood-burning fire pit.



## 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

### **WVDNR Elk River and Handley WMA Storage Buildings**

Responsible for the structural design of two storage buildings to include a heated maintenance bay, unheated storage bays, and a boat storage bay, along with offices, bunk rooms and support facilities.

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

Project Structural Engineer 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. Design included pre-cast concrete wall panels, deep foundations to bedrock, and grade beams.

### **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.

### **Clay County High School Bus Garage;** Clay, WV

Project Structural Engineer for the design of new bus maintenance garage including to maintenance bays, one bus wash bay, parts storage, tire storage, and drivers lounge. Project included inventory of existing equipment and specification of new maintenance equipment. Project included the design of deep foundations to bedrock.

### **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



## 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: 40**  
**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

#### Covington Streetscape; Covington, WV

Electrical Engineer. Design of service reconnections required for new underground utility systems for the streetscape project, including residential reconnections and large commercial voltage transformer reconnections.

#### Scottsville Streetscape; Scottsville, KY

Electrical Engineer. Design of new street lighting and underground electrical service for streetscape project.

#### I-65 Abraham Lincoln Bridge; Louisville, KY

Electrical Engineer. Design of lighting and electrical distribution for the \$200 million cable-stayed I-65 Abraham Lincoln Bridge in Louisville.



## 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 Cocessions Building, Pulaski Couty 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. Vice President

### Experience

#### Transportation Projects

Design and project management for large highway and bridge projects, including major project for the West Virginia Division of Transportation such as WV Route 10. Corridor H, and several bridge projects. Also involved in the design and management of airport improvements projects throughout West Virginia.

#### 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:** 33  
**Years with Chapman:** 30

#### 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



## Stephen (Mike) Johnson, P. E. Civil/Environmental Group Manager

### Experience

Mike's overall experience includes planning, design, bidding, and construction administration/management of various public and private water and wastewater systems throughout West Virginia, Virginia, and North Carolina. His specific potable water experience includes distribution systems, river crossings, horizontal directional drills, wells, raw water intakes, treatment plants, water storage tank design, computer modeling, treatment process evaluation, and problem troubleshooting in existing systems.

His wastewater experience includes gravity and low-pressure collection systems, pump stations and force main transmission systems, treatment plant process evaluation and design, trenchless pipeline rehabilitation, bypass pump system design, odor and corrosion control, effluent infiltration ponds, and alternative on-site disposal systems.

**Years of Experience: 11**  
**Years with Chapman: 9**

#### Education

B.S., Civil Engineering, 2004  
West Virginia University  
Institute of Technology

#### Registration

Civil Engineer: WV, NC, VA

#### Affiliations

Water Environment  
Association

WV American Water Works  
Association

WV & VA Rural Water  
Association

Water for People

#### WV DOH District One Projects; Charleston, WV

Project Engineer for various site development projects on the West Virginia Division of Highways District One campus, including domestic and fire suppression water systems, sanitary sewer systems, and stormwater management.

#### WV American Water Company Projects; various locations, WV

Project Engineer for the design of water distribution systems, water storage, and wastewater systems for West Virginia American Water Company.



## 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.

#### 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.

**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

## 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