



**Chapman
Technical
Group**
a division of
GRW

March 29, 2018

Department of Administration
Purchasing Division
2019 Washington ST E
Charleston, West Virginia 25305

03/27/18 09:57:09
WV Purchasing Division

**Re: Summersville Lake WMA
and Frozen Camp WMA Facilities**

Dear Selection Committee:

Chapman Technical Group is most interested in providing the architectural services for Summersville Lake WMA and Frozen Camp WMA Facilities.

Chapman Technical Group has completed many projects for the West Virginia Division of Natural Resources and recently completed the design of two Wildlife Management Area Storage Buildings. Through the execution of these projects, we now have a thorough understanding of the needs of WVDNR and have learned which building systems are appropriate for this type of project.

The Chapman Technical Group team will include Joseph Bird, who will serve as Project Manager. Phill Warnock, AIA, will be the lead architect for the project. Harper Engineering, who worked on the previous WMA Storage Building projects, will provide mechanical/electrical and plumbing engineering

In Chapman Technical Group's project management system, the Project Manager will be the point of contact for the DNR 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 DNR 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 recent project, the Chief Logan Cabins and Access Road, came in within 2% of our project estimate. We also recently completed a \$6.5 million building renovation in budget for the WV Division of Highways, District 1.

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Lexington, KY

www.chaptech.com



Department of Administration
March 29, 2018
Page Two

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 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 the WV State Parks within the allotted schedule, including the Canaan Valley Ski Area Improvements project which was bid as eight separate contracts and involved many specialty consultants. We have a history of timely turnaround on many projects which have been provided by this project team and 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.

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. As you know, work in West Virginia State Parks 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. I think we have demonstrated that balance in past projects.

You will find all of the requested information regarding our firm and our ability to execute the requirements of this project within this submittal. We would very much appreciate the opportunity to present our project team and further discuss your project. In the meantime, if you have any questions or need additional information, please contact me.

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Vice President

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.

Joseph Bird, Vice President
 (Name, Title)

(Printed Name and Title)

200 Sixth Avenue
 (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)

 Joseph E. Bird, Vice President
(Authorized Signature) (Representative Name, Title)

Joseph Bird, Vice President
(Printed Name and Title of Authorized Representative)

3-27-2018
(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: DNR1800000004 Contract Description: WMA Storage Building

Governmental agency awarding contract: WV Division of Natural Resources

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.

American Geotech
Harper Engineering

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: 3-27-2018

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 27th day of March, 2018.

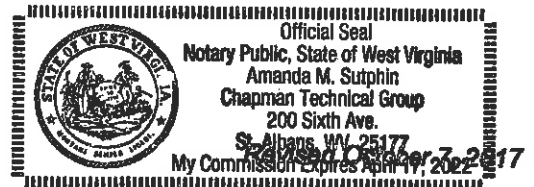
[Handwritten Signature]
Notary Public's Signature

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: 3-27-2018

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 27th day of March, 2018.

My Commission expires April 17, 2022.

Official Seal
Notary Public, State of West Virginia
Amanda M. Sutphin
Chapman Technical Group
200 Sixth Ave.
St. Albans, WV 25177
My Commission Expires April 17, 2022

NOTARY PUBLIC [Signature]

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

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

3-27-2018
Date

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

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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



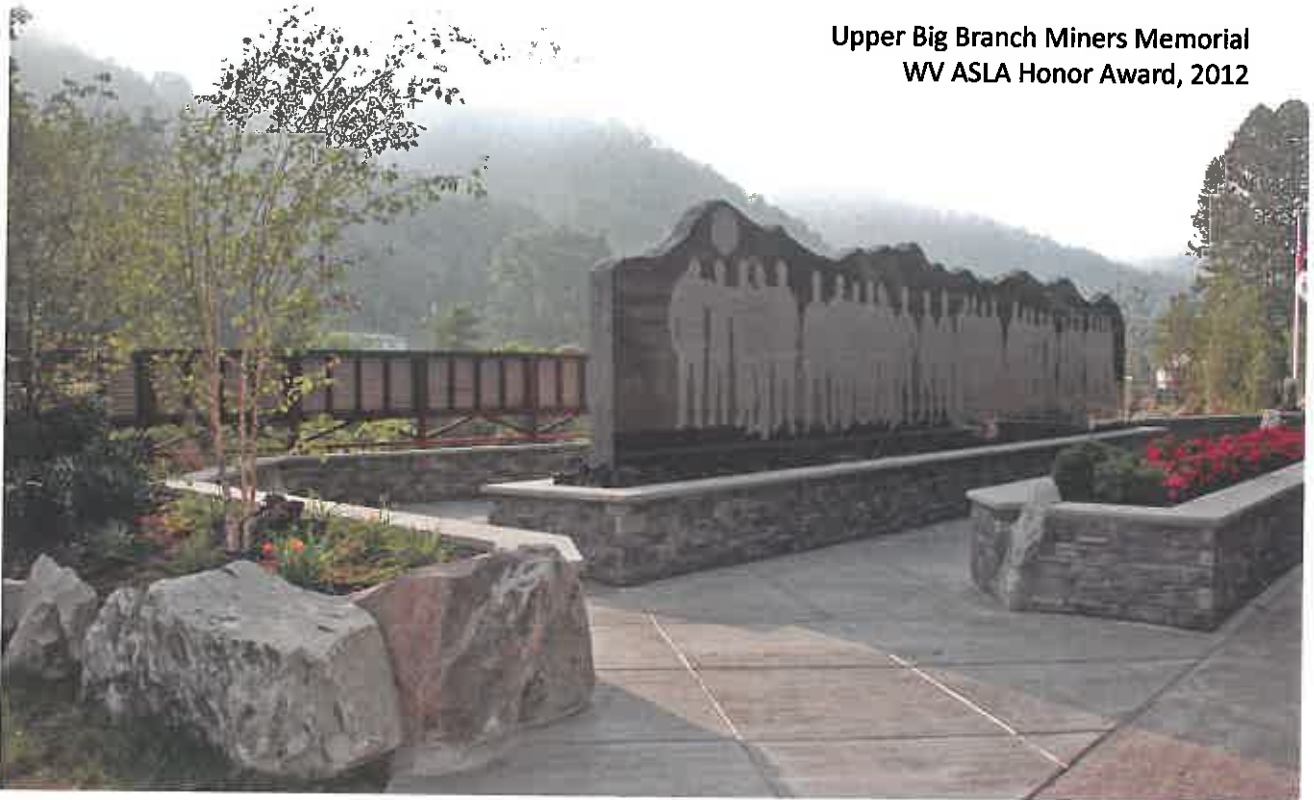
COMPANY OVERVIEW & AWARDS



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



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.

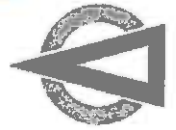




Buckhannon-Upshur County Airport
Snow Removal Equipment Building
38 West Main Street
Buckhannon, West Virginia

As part of the continuing expansion of the Upshur County Airport, Chapman Technical Group provided design and construction administration services for the three-bay Removal Equipment building. The building and the site were designed to easily accommodate future expansions. The 3,200 square-foot facility was completed in 2002 at an approximate cost of \$300,000.





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.



Rocky Mountain ATV/MC Distribution Warehouse Expansion Winchester, Kentucky

Chapman Technical Group provided A/E design services for an expansion of the eastern region distribution warehouse for Rocky Mountain ATV/MC in Winchester, KY. The expansion is designed to accommodate a wide variety of ATV and motorcycle parts and accessories utilizing a combination of pick bins, palletized storage, and rack storage. The two-story addition includes 76,100 SF per floor, for a total expansion area of 152,200 SF. The design team worked closely with state building code officials to insure that fire egress from the existing building was not negatively affected by the building expansion. The expanded shipping and receiving dock has seven additional truck positions along with a drive-in door. Security controls were added at all new exterior doors.



The expansion triggered the need for expanded employee parking, and an upgrade to the existing fire protection system that included a new diesel fire pump housed in a separate utility building.

Construction was completed in 2015 on time and in budget.

ARCHITECTURE



WV Division of Natural Resources Canaan Valley Resort State Park - Tube Park Lodge Canaan Valley, West Virginia



Chapman Technical Group is leading a team of specialists in developing a wide range of improvements at the ski area of Canaan Valley Resort State Park. The upgrades include new facilities that will have a major impact on the resort's operations; others will be little-noticed but important improvements to the resort's infrastructure. A new tubing park will be developed and will feature a 12-lane tube run in excess of 800 feet long with a vertical drop of 90 feet. A new boardwalk conveyor will carry tubers back up the hill. A tubing lodge will feature a wood-burning fireplace, restrooms, and a concession stand for hot drinks, and an outdoor patio will include a wood-burning fire pit. A storage building will house tubes and snow grooming equipment. In the same area, a wobble clay shooting range will be developed as a seasonal activity. Another major improvement will be a new beginners slope and ski school area. This new slope will be easily accessible by beginning skiers and will include new snow guns

and lighting for night skiing. A boardwalk conveyor will carry skiers back to the head of the slope, enabling them to ski at their skill level as long as they want. The main ski lodge, the Bear Paw Lodge, is relatively new, but the older buildings at the base of the ski slopes will get a much-needed face lift. New wall and floor finishes, new furnishings, new lighting and upgrades to the heating and ventilation systems, will make the lodge buildings much more comfortable. The pub will likewise be upgraded with an expanded bar area. Outside, a new plaza with a fire pit will provide more options for outdoor seating. Important infrastructure improvements will include upgrades and major maintenance to the existing ski lifts; snow-making waterline repairs and upgrades; new snow guns; and major storm drainage improvements. A new waterline from the Canaan Valley golf course ponds will provide expanded snow-making capabilities.

ARCHITECTURE



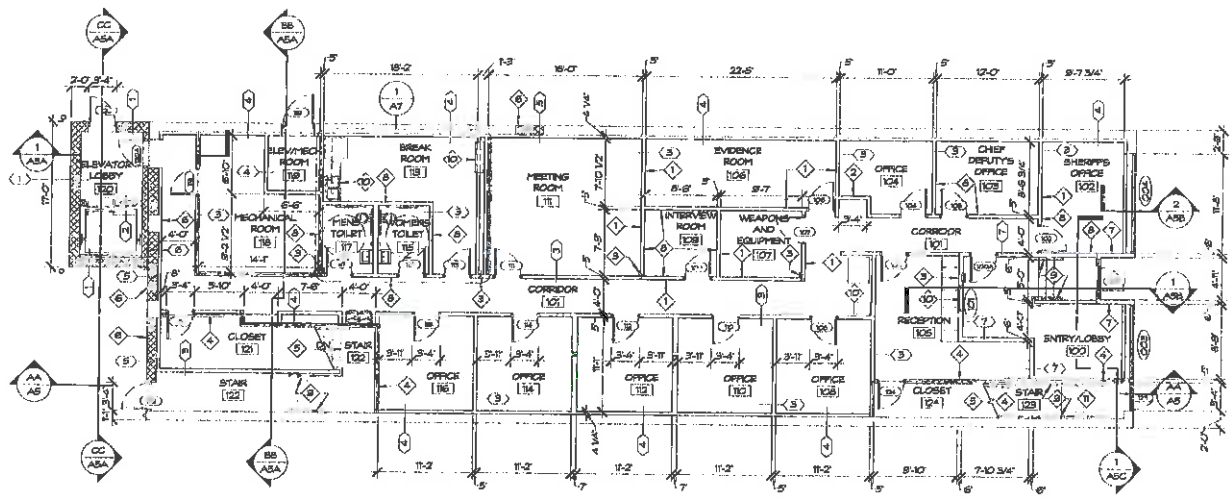
Pocahontas County Wellness Center Marlinton, West Virginia

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.



ARCHITECTURE



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,



ARCHITECTURE



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.



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.



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.





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

Site Development

Site planning and project management for numerous projects throughout West Virginia ranging from small campus sites to large sites for commercial, government, industrial, and institutional development. Projects include military complexes, campuses, public housing developments and other public facilities.

Parks and Recreation

Projects include swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems. Also involved in the design of facilities such as softball fields, fishing access facilities, recreation facilities for prisons, as well as passive recreation areas for public and private clients.

Miscellaneous

Other project experience includes the urban planning and development, streetscape design, roadway and storm drainage projects, as well as the project management of numerous major architectural projects throughout West Virginia. His recent relevant project experience includes the design and/or management of projects including the Elk River and Handley Wildlife Management Storage Buildings; the WV DOH District One SRC Building Renovation; the WV DOH District One Vehicle Maintenance Garage; and the Clay County High School Flood Repair project.



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.



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: 24
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

WVDNR Elk River and Handley WMA Storage Buildings

Responsible for the 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 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.

Clay County High School Bus Garage; Clay, WV

Design of new bus maintenance garage including 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.

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.

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.



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 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



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.

WV DNR Projects; Charleston, WV

Project Engineer for various site development projects at facilities throughout West Virginia, including domestic and fire suppression water systems, sanitary sewer systems, and stormwater management.

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.

Years of Experience: 12
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



Amanda M. Sutphin, P.E.

Civil/Environmental Engineer

Experience

Amanda's overall experience includes planning, design, bidding, and construction administration/management of various public and private water and wastewater systems throughout West Virginia. Her 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.

Her 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, odor and corrosion control, and alternative on-site disposal systems.

WV DNR Projects; Charleston, WV

Project Engineer for wastewater treatment and septic systems for various State Park and Wildlife Management Area facilities.

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.

Town of New Haven; New Haven, WV

Project Engineer for a water distribution system and well rehabilitation project.

Town of Cadiz; Cadiz, OH

Project Engineer for a sewer rehabilitation project.

Town of Mason; Mason, WV

Project Engineer for a sewer rehabilitation project and water extension project.

Elkins Road PSD; Buckhannon, WV

Project Engineer for a water extension project.

Years of Experience: 15
Years with Chapman: 2

Education

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

Registration

Civil Engineer: WV, OH, PA,
KY

REFERENCES



1. Mr. Nyle Fisher
WV Department of Transportation
Division of Highways
1900 Kanawha Boulevard, East
Charleston, WV 25305
(304) 558-9289

“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. Dirar Ahmad, P.E.
West Virginia Division of Highways
1334 Smith Street
Charleston, WV 25301
(304) 558-9721

“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. John Gerlach
County Administrator
Mason County Commission
200 Sixth Street
Point Pleasant, WV 25550
(304) 675-1110

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

“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

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

- Jamal Kahn, Chairman, IAWV Board of Trustees