



STATEMENT OF QUALIFICATIONS

Culture Center Roof Project

AE01 0304 TOR2600000001

West Virginia Department of Tourism
Charleston, WV

August 13, 2025



**Chapman
Technical
Group**

a division of
GRW



**Chapman
Technical
Group**
a division of
GRW

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501

Buckhannon, WV
Lexington, KY

www.chaptech.com

August 13, 2025

Hannah E. Kroeger
West Virginia Department of Tourism
Building 3, Suite 100
State Capitol Complex
1900 Kanawha Boulevard, East
Charleston, WV 25305

**Re: A/E Services for
Culture Center Roofing Project**

Dear Ms. Kroeger:

Chapman Technical Group is most interested in providing the required A/E services for the Culture Center Roofing Project. Our architectural team has extensive experience in roofing projects with a wide variety of roofing solutions. Examples are included in our proposal, and a few are highlighted below.

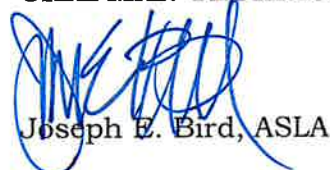
The historic State Road Commission building renovation in Charleston was about 40,000 square feet and included a total roof replacement. The historic Patteson Building in Oak Hill was in dire need of rehabilitation, and we designed building envelope improvements, including a new roof, to stabilize the building for future renovation. We have also designed replacement roofs for historic buildings throughout West Virginia. Of course, all our new facilities have included roof design, with various types of roofs being used.

For the Knotts County Judicial Center in Kentucky we employed thermography to identify surface moisture or where moisture had penetrated the roof membrane and deck structure. Those areas were documented with roof markings and correlated on a roof map with real-life and infrared photos. This enabled us to identify problems before the existing roof was removed.

We have enjoyed working with the Department of Tourism on the Culture Center Garden project and would appreciate the opportunity to continue working with you. Please feel free to contact me at (304) 727-5501 or by email at jbird@chaptech.com if you have any questions or need more information.

Sincerely,

CHAPMAN TECHNICAL GROUP



Joseph E. Bird, ASLA

SECTION SIX: ATTACHED FORMS AND DOCUMENTS

ADDENDUM ACKNOWLEDGMENT FORM 26-TOUREOI-1

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)

- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5

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

Joseph E. Bird

Authorized Name


Authorized Signature

Senior Vice President

Title

8-11-25
Date

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Chapman Technical Group

Authorized Signature: [Signature] Date: 8-11-25

State of West Virginia

County of Kanawha, to-wit:

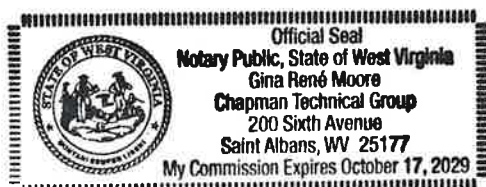
Taken, subscribed, and sworn to before me this 11th day of August, 2025

My Commission expires October 17, 2029

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature: Gina Rene Moore]



West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: Chapman Technical Group Address: 200 Sixth Avenue
St. Albans, WV 25177

Name of Authorized Agent: Joseph E. Bird Address: Same

Contract Number: TOR2600000001 Contract Description: Culture Center Roof

Governmental agency awarding contract: Department of Tourism

☐ 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.

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.

Signature: 

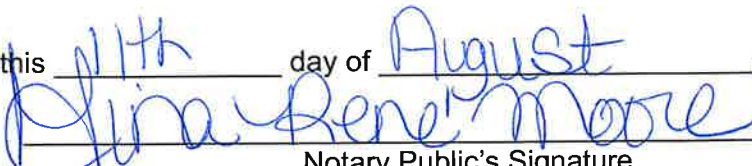
Date Signed: 8-11-25

Notary Verification

State of West Virginia, County of Kanawha:

I, Gina Rene Moore, 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 11th day of August, 2025


Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



TABLE OF CONTENTS



Section 1.0 - Overview & Awards

Section 2.0 - Project Experience

Section 3.0 - Resumes

Section 4.0 - References

Section 1.0 Company Overview & Awards

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, and Buckhannon, 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

Section 2.0 Project Experience



West Virginia Division of Culture and History Culture Center North & South Gardens Access Renovations Charleston, West Virginia

The North and South Garden project will provide ADA access to the below-grade plaza areas at the State Capitol Complex and will incorporate new outdoor exhibits.

The North Garden renovation, illustrated above, will provide access from the basement level of the Culture Center to the upper sidewalk level. This 8-foot grade change requires over 110 feet of ramp. Raised planting beds and seat walls add interest. A new stormwater system will correct occasional flooding issues. Security gates will be added for safety and new steps, railing, and an overall cleaning of the retaining walls will finish this area.

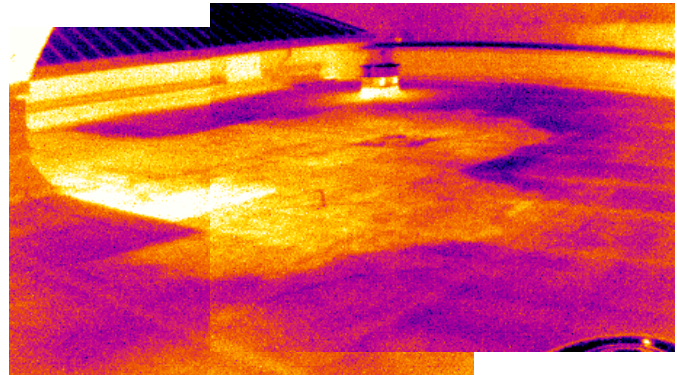
The South Garden has a 12-foot grade change. Winding sidewalks and over 170 feet of ramp will bring visitors through a new outdoor exhibit showcasing West Virginia's natural resources. The space can also be a venue for small gatherings with a small stage and specialty lighting. Like the North Garden, this area will also get new steps and railings.



North Garden in its current condition.



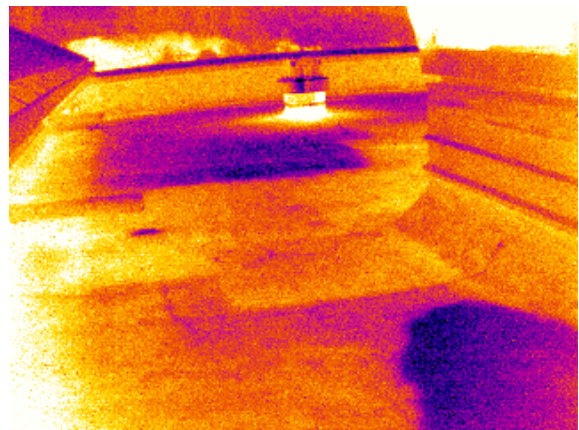
Visual image of area #1



Infrared view of area #1



Visual image of area #2



Infrared view of area #2

Knott County Judicial Center Roof Inspection Report

2003 W Main Street
Hindman, Kentucky

With the advent of thermography, roofs can be scanned with a highly sophisticated infrared camera to detect and accurately map subsurface moisture, thereby determining whether a portion or all of the roof requires replacement. Unlike other non-destructive techniques, thermal scanning assesses every square inch of roofing, including vertical flashings and around and under roof obstructions and equipment. This results in a comprehensive view of the roof's condition, with the possibility of errors virtually eliminated.

The objective of the report was to identify area of subsurface moisture or where moisture has penetrated the roof membrane and deck structure. Those areas were

documented with roof markings and correlated on a roof map with real-life and infrared photos.

When an abnormality on the thermogram appears, usually as a lighter colored area, it can be interpreted to be either wet or at one time wet and has lost some of its original quality of texture and strength. The outline of these areas is marked on the surface of the roof with spray paint: in some areas only a number is painted, as these areas had no definite pattern or the roof is completely wet.



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 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. A courtyard was also constructed for employee use.





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.



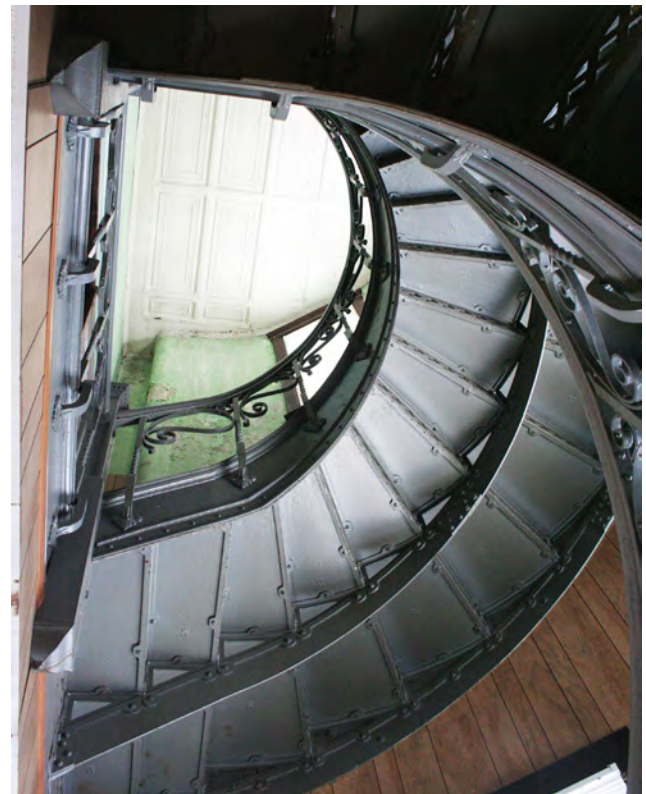
Right: Interior prior to renovation.



Tucker County Commission Jailer's Residence Restoration

213 First Street
Parsons, West Virginia

Chapman Technical Group was hired by the Tucker County Commission to provide a conditions report for the stabilization and restoration of the Tucker County Courthouse and Jailer's Residence. After evaluating and assessing the condition of the existing structure; Chapman Technical Group submitted a detailed plan for the stabilization of the structure, and recommendations on how to restore and renovate the structure for future use. A prioritized budget was compiled identifying the most critical and immediate repairs that should be scheduled as soon as funds became available, and restoration, upgrades, and ongoing maintenance that could be delayed to future dates. Phase 1 of this plan was completed in 2011 to refurbish, repoint, and stabilize the chimneys of the Courthouse and the Jailer's Residence (Commission Offices).





123rd Airlift Wing Roof Replacements

Louisville, Kentucky

GRW provided A/E design services for a \$900,000 replacement of the existing roofs on the Wing Headquarters Building (Bldg 100) and the Maintenance Hangar (Bldg 500).

The new roof for Building 100 is a non-ballasted fully adhered 0.60 mil single ply EPDM membrane roof system with mechanically fastened tapered, rigid insulation and perimeter cants. A complete tear off down to the existing deck was required for this building including removal and disposal of the ballast. Existing copings including membrane flashings underneath the copings were previously replaced to the parapet wall termination bar so roof replacement started at the metal termination bar of the parapet wall. The majority of existing roof structure for Bldg 100 was flat with internal roof drains. For this roof replacement the new roof included new tapered roof insulation to the existing internal roof drains. The existing curved standing seam metal roof over the entrance stairwell was replaced with new standing seam metal roof and metal flashings.

The new roof for Bldg 500 was specified as a tear off down to the existing roof deck and replacement with a 0.60 mil single ply EPDM roof fully adhered with mechanically fastened rigid insulation designed to withstand a 90 mph wind resistance. Metal flashings and copings were replaced completely as part of the contract. Existing lightning protection system air terminals and grounding conductors were removed, re-installed, and re-certified as part of the Contractor's contract.



Harlan County Courthouse Renovations

Harlan, Kentucky

Completed July 7, 2022, the Harlan County Courthouse is constructed of poured-in-place concrete columns, beams, floor slabs and roof deck. The exterior is classically-styled Indiana limestone. To address long-term roofing and ADA compliance issues, the Harlan County Fiscal Court selected GRW to design a phased renovation. The four-story, 31,040 SF building was field-measured, upgrade/renovation issues identified, and phased packages were developed based on the most urgent needs. This phased approach allowed the County to form a long-term budget to complete the renovations. Phase 1 included roof removal, hazardous materials abatement, and reroofing using a SBS modified bitumen system on the main roof and asphalt shingles on the portico. Work also included masonry and metal cornice restoration at the parapet area.





Pulaski County Schools Maintenance Project

Somerset, Kentucky

Northern Middle School: Masonry removal and repairs to large arches at the gymnasium; metal roof flashing replacement adjacent to the masonry repairs; hot water heater replacement; and 2266 SY asphalt paving resurface.

Oak Hill Elementary School: Roof shingle replacement (144.12 SQ) at raised roof clerestories and gymnasium; prep and coat 46,266 SF of low slope roof areas; CMU above roof at main entry paint; clear coating above roof brick masonry; 2488 SY 1" paving milling; 7466 SY 1" asphalt paving resurfacing, and 44 SY new paving to widen radius at bus turn in.

Memorial Education Center (preschool): Replace 4,576 SF of low slope EDPM roofing with SBS modified bitumen; add tapered roof insulation increasing thickness to achieve an R-20; new roof edge metal, fascia metal, gutters, and downspouts; remove and point 200 LF of mortar joints; and replace areas of damaged brick veneer.

Day Treatment Center (alternative school): Removal of existing 28' tall chimney; minimal masonry joint restoration; soffit repair; shingle roofing replacement (97.30 SQ) for southeast half of large classroom wing, northeast half of small classroom wing, multipurpose room (other half of classroom wings was replaced under insurance work previously); multipurpose room small area roof sheathing replacement; low slope roofing (39.04 SQ) and insulation replacement at kitchen; multipurpose room door and window replacement; and replacement of two rooftop mechanical units serving multipurpose room, rooftop kitchen exhaust, and rooftop gas piping.



Frankfort Plant Board **New Administration Building** Frankfort, KY

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

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

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





Lewis County Board of Education Jane Lew Elementary Addition

6536 Main Street
Jane Lew, West Virginia

The project includes five new classrooms, an updated officer suite, and a new building entrance and bus loop. Toilet rooms were also be renovated and new floor finishes was installed throughout the building. A new HVAC system serves the addition, and a new sprinkler system and fire alarm was installed for the entire school. New ceilings and lighting were also provided throughout. The renovations will allow the students to be housed in a single building that provides the safety, security and educational spaces that are required in a modern school.





Logan County Board of Education

Man K-8 School Addition

506 Holley Avenue
Logan, West Virginia

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





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 throughout, including renovated toilets rooms.

Services Provided:

SBA Needs Grant Application (2008)
Architectural Design (2008)
Construction Administration Services (2010)

Reference:

Kari Rice, Ritchie County Schools
(304) 643-2991



Clay County Board of Education Clay County High School Renovations

1 Panther Drive
Clay, West Virginia

Clay County High School serves 550 students in grades 9 through 12 and is the only high school in the county. The school was constructed in 1970 and needed renovations to make it a more modern learning facility. Because Clay is a small rural county, the high school serves as a place of learning and acts as a community center and gathering place for the county.

Renovations to the school were quite extensive and included new HVAC systems, fire alarm and security systems, a secure office entrance, new toilet rooms, new windows, new secure classroom door hardware, reworking the locker rooms and gym and the addition of a new commons area.

The renovations and addition have significantly improved the health, safety and welfare of the students and staff at this school and have had a direct impact on improving the learning environment.

Through improved Indoor Air Quality and comfort, improved safety and the improved overall functionality of the school, this facility will continue to serve the residents of Clay County for many years.

Services Provided:

Architectural, Structural, Mechanical, Electrical, Civil, Landscape Architecture Design (2020)

Construction Administration (2020-2022)

Reference:

Jared Fitzwater, Facilities Director
Clay County Board of Education
(304) 587-4266

Section 3.0 Resumes



Joseph E. Bird, ASLA

Senior Vice President Project Manager

Years of Experience: 46
Years with Chapman: 39

Education

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

Registration

Landscape Architect: WV,
KY, IN

Affiliations

Council
of Landscape
Architectural Registration
Boards

WV Chapter, American
Society of Landscape
Architects

Experience

Joe has been involved in a wide range of projects in his 40+ 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 site development to major architectural projects. His experience includes coordinating the efforts of various local, state, and federal agencies.

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, master planning for municipal parks, swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems. He has also been 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.

Recent Relevant Experience

Old Central City Gazebo Space Redesign; Huntington, WV
Smith Street Streetscape; Charleston, WV
St. Albans C Street Plaza; St. Albans, WV
Scottsville Streetscape; Scottsville, KY
Canaan Valley Resort Snowmaking Improvements; Canaan Valley, WV
Bowden State Fish Hatchery; Elkins, WV
Gatlinburg Trout Rearing Facility; Gatlinburg, TN



Phillip A. Warnock, NCARB, AIA Project Architect

Years of Experience: 32
Years with Chapman: 21

Education

B.S., Architecture, 1995
University of Tennessee

Registration

Architect: WV, KY, IN, TN

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

Merit Award, WV AIA
State Road Commission
Building

Publications

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

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.

WV General Services Division, Building 74 Renovation;

South Charleston, WV

Project Architect for evaluation and recommendations for possible improvements and upgrades to building systems in three-story, 37,000 SF, masonry-construction facility that houses approximately 100 employees. Among improvements selected for design are replacement of heating and cooling systems, windows, T5 lighting with LED fixtures, and replacement of ceilings and floor finishes, as well as new DDC controls throughout building.

WV General Services Division, Capitol East Campus;

Charleston, WV

The Capitol East Campus Project transforms a 5 ½ acre site adjacent to the State Capitol into upgraded and consolidated facilities, including several buildings supporting the building and grounds maintenance needs for the entire Capitol Complex. The Warehouse/Grounds Building is a 27,000 square-foot structure providing high-bay storage, low-bay storage, maintenance shop, a grounds/mechanics shop, distribution area, and office suite. The 4,300 square-foot Open Storage Building provides covered storage for vehicles, tools, and equipment. The Bulk Storage Building provides 600 square feet of covered storage for salt, gravel, and mulch. The wedge-shaped site was designed to accommodate the buildings, parking for 369 vehicles, vehicular circulation, and greenspace with storm detention systems to reduce flooding in the area. A 6,000 square-foot Mail Room Building provides the mail service and sorting center for the entire Capitol Complex.

WV Division of Highways 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.



W. Thomas Cloer, III

NCARB, AIA

Project Architect

Years of Experience: 24
Years with Chapman: 18

Education

B.S., Architecture, 2001
University of Tennessee

Registration

Architect: WV, VA, KY

Affiliations

National Council
of Architectural
Registration Boards

AIA National

AIA West Virginia

WV Chapter
American Institute
of Architects
Past V.P. and Secretary

St. Albans Historic District
Committee Member

Experience

Tom has extensive architectural experience, having worked with clients on programming, planning, budget analysis, design, construction documents, bidding, 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.

Comprehensive Educational Facilities Plan

Tommy worked as part of a team to develop the 2020 Comprehensive Educational Facilities Plan (CEFP) for both Ritchie County Schools and Clay County Schools. Work on the CEFP's include facilities assessments and reports, participation in educational planning committee meetings, presenting findings to the county board of education and assisting the county in translating educational needs into facility needs.

Jane Lew Elementary School Addition; Jane Lew, WV

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

Clay County High School Addition and Renovation; Clay, WV
Tommy worked closely with Clay County Schools to obtain a WV School Building Authority Needs Grant to fund the design and construction of a multi-million dollar addition and renovation to the 106,000 sf Clay County High School. The project included the design and construction of a new multipurpose Commons Area that can serve as additional cafeteria space, a lobby for the gymnasium during sporting events and graduation, and as an area for students to congregate before and after school. Major renovations to the gymnasium and locker rooms include a new gym floor, bleachers, basketball and volleyball equipment, lockers, and shower rooms. In addition to renovating all of the toilet rooms, the school also received new doors, windows, light, paint and a new HVAC system was also installed throughout the school.



Jon R. Marcum, PE, SE

Structural Engineer

Years of Experience: 27
Years with GRW: 8

Education:

M.S., Civil Engineering, 1996,
University of Kentucky
B.S., Civil Engineering, 1995,
University of Kentucky

Registrations:

Professional Engineer/
Structural Engineer: KY
Professional Engineer: KY, WV,
IN, TN, GA, NY, NC, WA, OH,
AZ, TX, NM, KS

NCEES Member allows
reciprocity with other states

Experience

Jon has two decades of experience with all phases of structural consulting services including contracting, code searching, schematic design, design development, structural design, value engineering, structural evaluations, structural inspections, structural forensics, BIM/drafting production of contract documents, bid reviews, contract administration, as-built drawings, etc. He is experienced with a wide variety of structural design software, as well as drafting and BIM software, such as Autocad, Microstation, Draftsight, Sketchup 2016, Bentley Structural Modeler, Revit, and Tekla BIMSight.

Ashland Federal Correctional Institute Standby Power Improvements; Ashland, KY

Structural Engineer. Design-build of 750 kW standby power generator at minimum-security satellite camp and addition of four, paralleled 500 kW standby power generators at medium-security main campus.

Carter Caves State Resort Park Handrail and Bridge Improvements; Olive Hill, KY

Project Manager. Design for improvements to 1,426 feet of handrail located throughout cave system. Project included repair, replacement, and/or addition of guiderails/handrails in Cascade Cave and several others. Methodologies used not only are suited to environmental conditions of cave, but also prevent cross contamination of cave dwelling creatures and bat population. Repair of concrete bridge in Lake Room of Cascade Cave was also included.

Carter Caves State Resort Park Handrail and Bridge Improvements; Olive Hill, KY

Project Manager. Design for improvements to 1,426 feet of handrail located throughout cave system. Project included repair, replacement, and/or addition of guiderails/handrails in Cascade Cave and several others. Methodologies used not only are suited to environmental conditions of cave, but also prevent cross contamination of cave dwelling creatures and bat population. Repair of concrete bridge in Lake Room of Cascade Cave was also included.

Clermont County PUB Well Field Control Tower; Pierce Township, OH
Structural Engineer. Recondition/replacement of existing control tower for PUB water treatment plant wells 17-20. Work includes replacement of platform tower, control panels, electric wiring, handrail, and access ladder.

Section 4.0 References

REFERENCES



1. Ms. Kari Westfall
Construction Project Manager
WV General Services Division
Capitol Complex
Charleston, WV 25301
(304) 352-5492
2. Honorable Scott James, Mayor
City of St. Albans
1488 MacCorkle Avenue
St. Albans, WV 25177
(304) 722-3391
3. Mr. Matt Yeager
Deputy Chief, Planning, Engineering, and Maintenance
West Virginia Division of Natural Resources
South Charleston, WV 25303
(304) 558-2764