



February 26, 2020

RECEIVED
2020 FEB 25 PM 12: 03
WV PURCHASING
DIVISION

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

**Re: Expression of Interest to Provide A/E
Services for the Renovation of
Building 4**

Dear Ms. Pettrey:

Chapman Technical Group is most interested in providing the required A/E services for Building 4 Renovations Project. Our project team has provided similar services for projects throughout West Virginia, including the design of the renovation of the historic State Road Commission (SRC) Building for the West Virginia Division of Highways. The SRC project included an evaluation of the interior and exterior of the 40,000 square-foot building, including functional analysis, building and life safety code issues, and a complete replacement of the building electrical and HVAC systems. Bids received for the \$6.4 million project 16% below the Architect's estimate. Non-Owner-directed change orders were less than 2%. We are also currently developing a similar project for General Services with the renovation of Building 74.

Our architectural personnel includes two registered architects in our St. Albans office, as well as additional architects from our parent company, GRW, based in Lexington, Kentucky. With more than 200 professionals company-wide, we certainly have the capability to meet the demands of the Building 4 Renovations project. Our staff not only includes mechanical and electrical engineers, but also architects and interior designers. Relevant examples of our team project experience are included in our Expression of Interest. We have completed many projects for various State agencies and understand the State Purchasing system and are well-equipped to work within their framework.

We would very much appreciate the opportunity to appear before your selection committee and further discuss your project and our qualifications.

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Lexington, KY

www.chaptech.com

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Senior Vice President

Table of Contents

- Section 1.0*** ***Purchasing Forms***
- Section 2.0*** ***Overview & Awards***
- Section 3.0*** ***Project Experience***
- Section 4.0*** ***Project Team***
- Section 5.0*** ***Project and Goals***
- Section 6.0*** ***References***

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: 2.25.2020

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 25th day of February, 2020

My Commission expires October 17, 2024


AFFIX SEAL HERE



NOTARY PUBLIC

Gina R. Moore

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.

 V.P.

(Name, Title)
Joseph E. Bird, Senior Vice President

(Printed Name and Title)
200 Sixth Avenue, Saint 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)

 V.P.

(Authorized Signature) (Representative Name, Title)

Joseph E. Bird, Senior Vice President

(Printed Name and Title of Authorized Representative)

2-25-2020

(Date)

(304) 727-5501, (304) 727-5580

(Phone Number) (Fax Number)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD2000000004

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 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

Date

NOTE: This addendum acknowledgment should be submitted with the bid to expedite document processing.
Revised 6/8/2012

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



SRC Building Renovation
WV AIA Merit Award, 2016
Historic Preservation

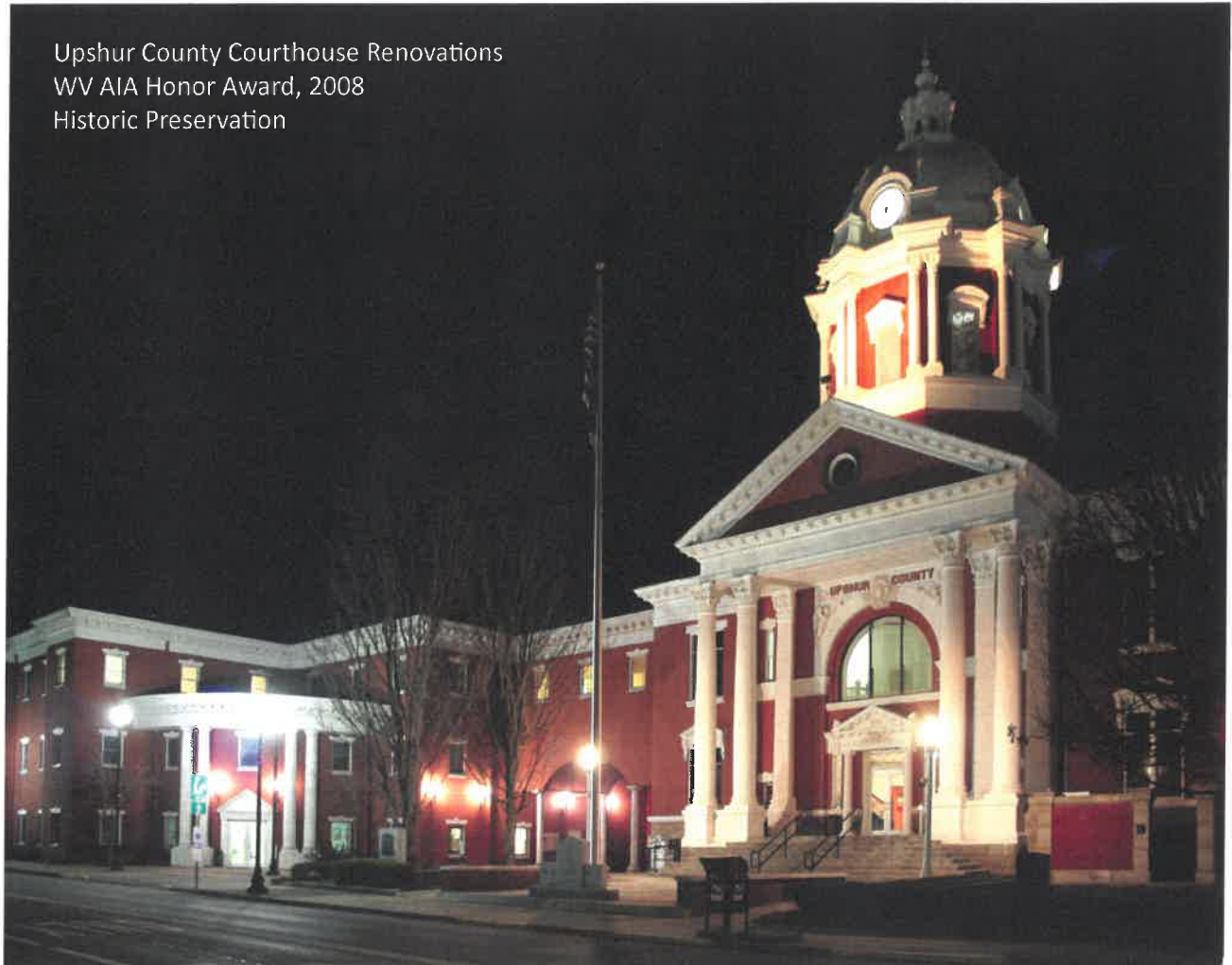


I-79 Rest Area
AIA Merit Award, 2010

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.





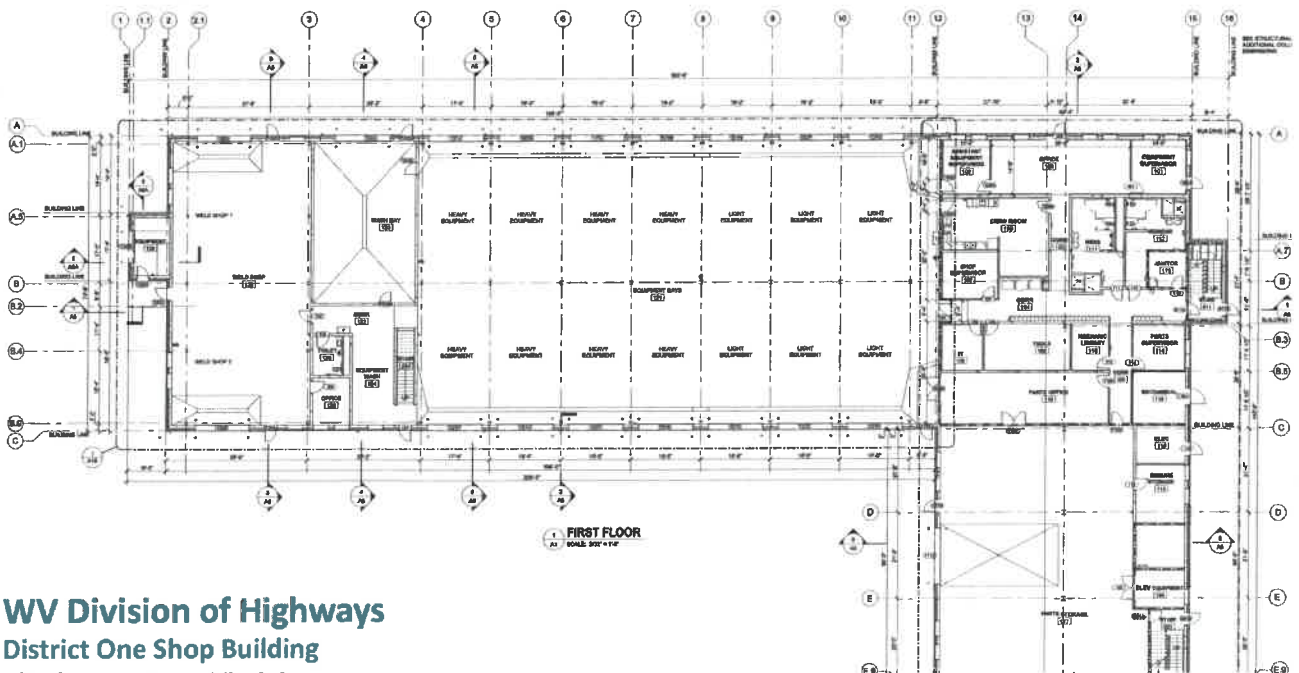
American Institute of Architects, Honor Award, 2008

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

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



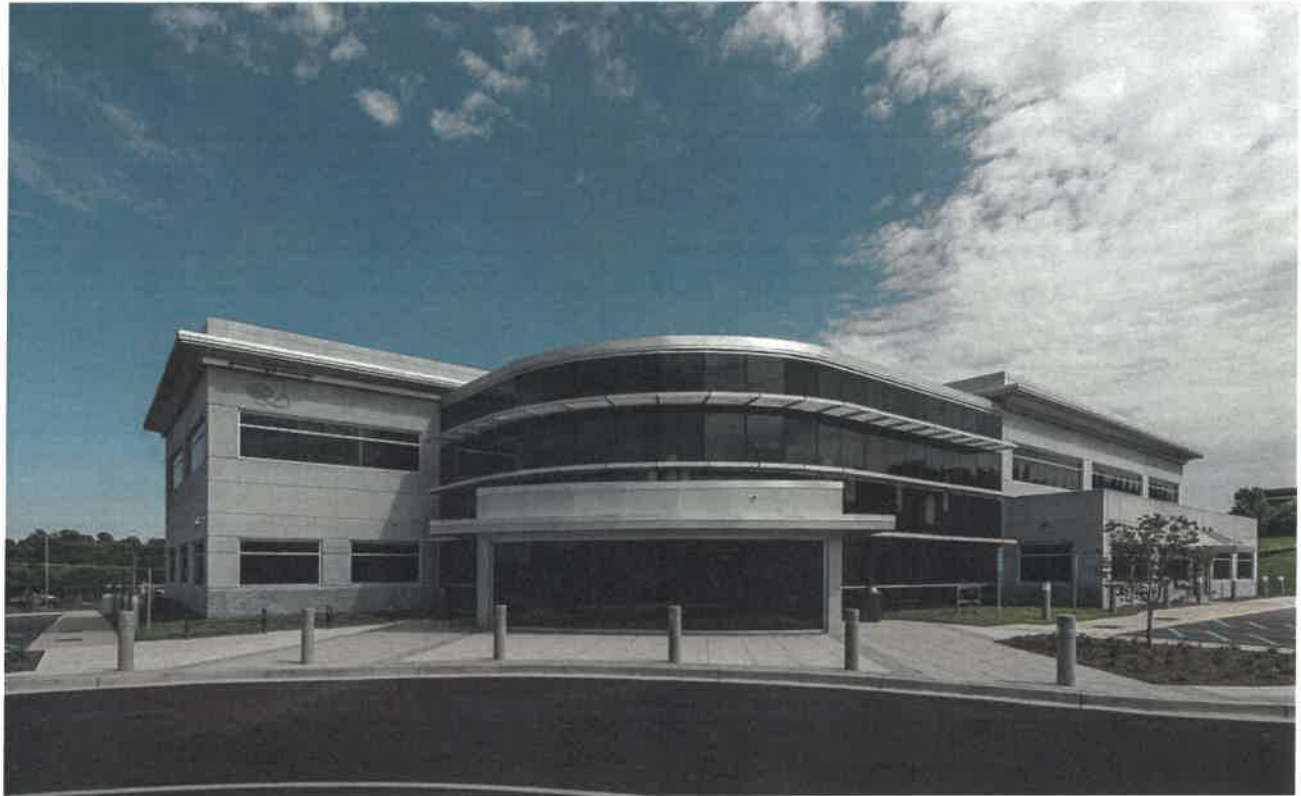
Dome Restoration Detail



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.



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.





Cumberland County Justice Center Burkesville, KY

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



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

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

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

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



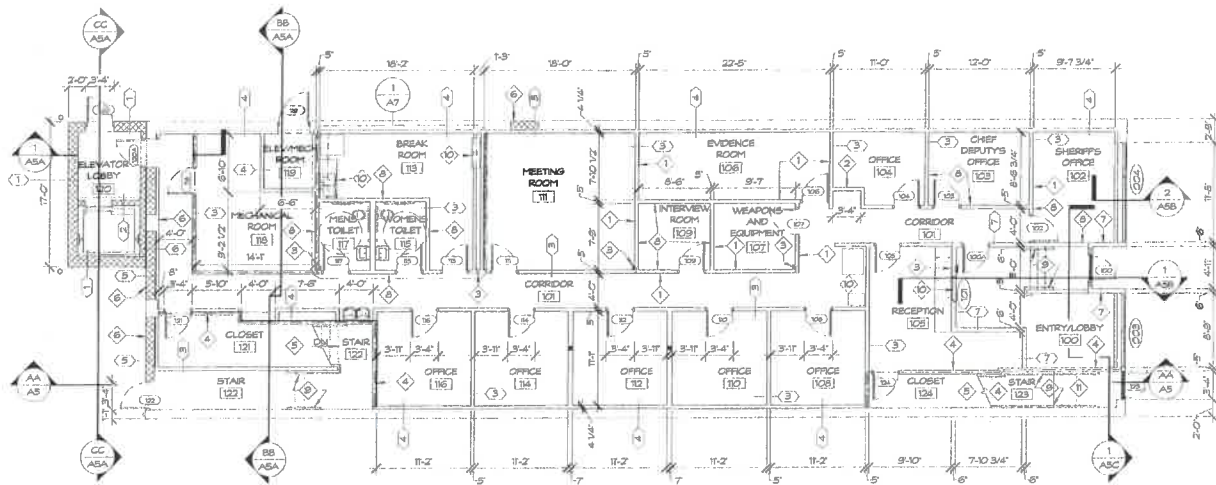
Chapman Technical Group St. Albans Office

200 Sixth Avenue
St. Albans, West Virginia 25177

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

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





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,





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

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

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



Right: Interior prior to renovation.

ARCHITECTURE



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

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

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





WV Department of Natural Resources Building 74 Renovations

324 4th Avenue
South Charleston, West Virginia

Chapman Technical Group was selected to provide a multiphase project for the Renovations of Building 74 for the General Services Division (GSD). In Phase 1, Chapman Technical Group provided a thorough evaluation of the interior and exterior of the existing 37,000 square-foot building, including functional analysis, Code review, and evaluations of the building enclosure, roof, electrical, and mechanical systems. Phase 2 will provide design services as directed by the GSD to resolve issues identified in Phase 1. Phase 3 will develop construction documents and provide construction phase services for phased construction projects to enable continuous tenant occupancy of the building.



**West Virginia Department of Administration
General Services Division**

Joseph Bird, ASLA,
Project Manager

Architecture/Interior Design

Phill Warnock, AIA
Tommy Cloer, AIA
Sharon Chapman

Structural Engineering

David Hoy, PE

Landscape Architecture

Joseph Bird, ASLA
Roger Kennedy, ASLA

Civil Engineering

Greg Belcher, PE
Amanda Sutphin, PE

Mechanical/Electrical/Fire Protection

Cory Sharrad, PE, LEED AP
Monty Maynard, PE, LEED, AP BD+C



Joseph E. Bird, ASLA

Senior Vice President Project Manager

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 campus development projects to ski area renovations. His experience includes coordinating the efforts of various local, state, and federal agencies.

Years of Experience: 41
Years with Chapman: 35

Education

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

Registration

Architect: WV, KY, IN

Affiliations

Council
of Landscape
Architectural
Registration Boards

WV Chapter,
American Society of
Landscape Architects

WV DOH District One Master Plan; Charleston, WV

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

Smith Street Streetscape; Charleston, WV

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

Covington Streetscape Project; Covington, KY

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

Scottsville Streetscape Project; Scottsville, KY

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

WV DOH Alternative Transportation Projects

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



Phillip A. Warnock, NCARB, AIA Project Architect

Experience

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

Years of Experience: 26
Years with Chapman: 15

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

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 and construction 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 is designed to house WVDNR WMA Storage Buildings offices, meeting rooms, an historic information center, a small theater space, a public lobby area, a gift shop, and a small café area. There will also be an outdoor patio which can be used as exterior café seating.



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

Experience

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

Years of Experience: 18
Years with Chapman: 12

Education

B.S., Architecture, 2001
University of Tennessee

Registration

Architect: WV, VA, KY

Affiliations

National Council
of Architectural
Registration Boards

WV Chapter
American Institute
of Architects

St. Albans Property and
Maintenance Board

St. Albans Historic District
Committee Member

Jane Lew Elementary School Addition; Jane Lew, WV

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

Smithville Elementary School Addition; Smithville, WV

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

Man K-8 Addition; Man, WV

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

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.

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.



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: 26
Years with Chapman: 25

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.



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: 29
Years with Chapman: 28

Education

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

Registration

Landscape Architect: WV,
KY

Affiliations

President, WV Chapter,
American Society of
Landscape Architects

Member, St. Albans Rotary
Club

Cubmaster, Cub Scout
Pack 146

Member, Sigma Lambda
Alpha Honor Society of
Landscape Architects

Awards

WV Division of Highways
Engineering Excellence:
WV Route 10
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.



Cory Sharrard, PE, LEED AP

Mechanical Engineer

Experience

Cory possess more than 20 years' experience with mechanical engineering including design of traditional water source heat pump (WSHP), geothermal WSHP, hybrid geothermal WSHP, variable refrigerant flow (VRV), split system, rooftop units, unit ventilators, variable air volume (VAV), and ice storage systems. Her experience includes numerous K-12, higher education, vocation school, detention center, church, and library projects.

Years of Experience: 21
Years with GRW: 1

Education

B.S., Industrial Technology,
1996, Murray State
University

B.S., Mechanical
Engineering, 1998,
University of Kentucky

Registration

Professional Engineer: KY
(NY & WV, Reciprocity
Pending)

NCEES Member allows
reciprocity with other
states

LEED AP

Affiliations

American Society of
Heating, Refrigerating and
Air-Conditioning Engineers

Kentucky Society of
Professional Engineers

Projects

Berea Independent Schools HVAC Renovation: *Berea, KY*

Corbin Independent Schools Middle School HVAC
Renovation, Corbin: *Corbin, KY*

Western Kentucky University Boiler Replacement: *Bowling
Green, KY*

Madison County Schools Bus Garage: *Richmond, KY*

Sayre School New Lower School: *Lexington, KY*

Scott County Schools Facility Surveys: *Georgetown, KY*

Scott County Schools Cooling Tower Projects: *Georgetown, KY*

Scott County Schools Energy Projects: *Georgetown, KY*

Western Kentucky University Boiler Replacement: *Bowling
Green, KY*

Hickman County Justice Center: *Clinton, KY*

Bullitt County Detention Center: *Shepherdsville, KY*

Frankfort Public Safety Facility and Emergency Operations
Center: *Frankfort, KY*

Olive Hill Community Center: *Olive Hill, KY*

City Hall: *Upper Sandusky, OH*

Capital Plaza Complex HVAC Renovation: *Frankfort, KY*



Monty Maynard, PE, LEED AP BD+C Vice President

Experience

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

Years of Experience: 41
Years with GRW: 21

Education

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

Registration

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

LEED Accredited Profes-
sional, Building Design +
Construction

Affiliations

National Fire Protection
Association

International Society of
Automation

American Council of
Engineering Companies

National Council of
Examiners for Engineering
and Surveying

Cumberland Valley Technical College Building One

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

Fort Knox Macdonald Elementary School Renovation, Ft.

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

Lexington Catholic High School Phase II Addition, Lexington,

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

Marshall University Weisberg Family Engineering Laboratory,

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



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: 13
Years with Chapman: 13

Education

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

Registration

Civil Engineer: WV, KY, VA,
TN, NC, IN, OH

Affiliations

Chi Epsilon, National Civil
Engineering Honor Society

ASCE, Member

Elkins Water Treatment Plant Facility; Elkins, WV

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Wilmore WWTP Improvements; Wilmore, KY

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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.



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

Senior 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 6.0 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: 36
Years with Chapman: 33

Education

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

Registration

Civil Engineer: WV, OH, VA

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



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.

Years of Experience: 17
Years with Chapman: 5

Education

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

Registration

Civil Engineer: WV, OH, PA,
KY

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 replacement, well rehabilitation, and water storage tank replacement project.

Elkins Road PSD; Buckhannon, WV

Project Engineer for a water extension project to include water tank rehabilitation, new office building, and emergency generators for existing pump station.

Town of Hartford; Hartford, WV

Project Engineer for a water distribution system replacement, well rehabilitation, and water storage tank replacement project.

REFERENCES



1. Mr. Travis Knighton, P.E.
WV Department of Transportation
Division of Highways
1338 Smith Street
Charleston, WV 25301
(304) 356-3840
2. Mr. Joe Paxton, Superintendent
Clay County Schools
P.O. Box 120
Clay, WV 25043
(304) 587-4266
3. 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