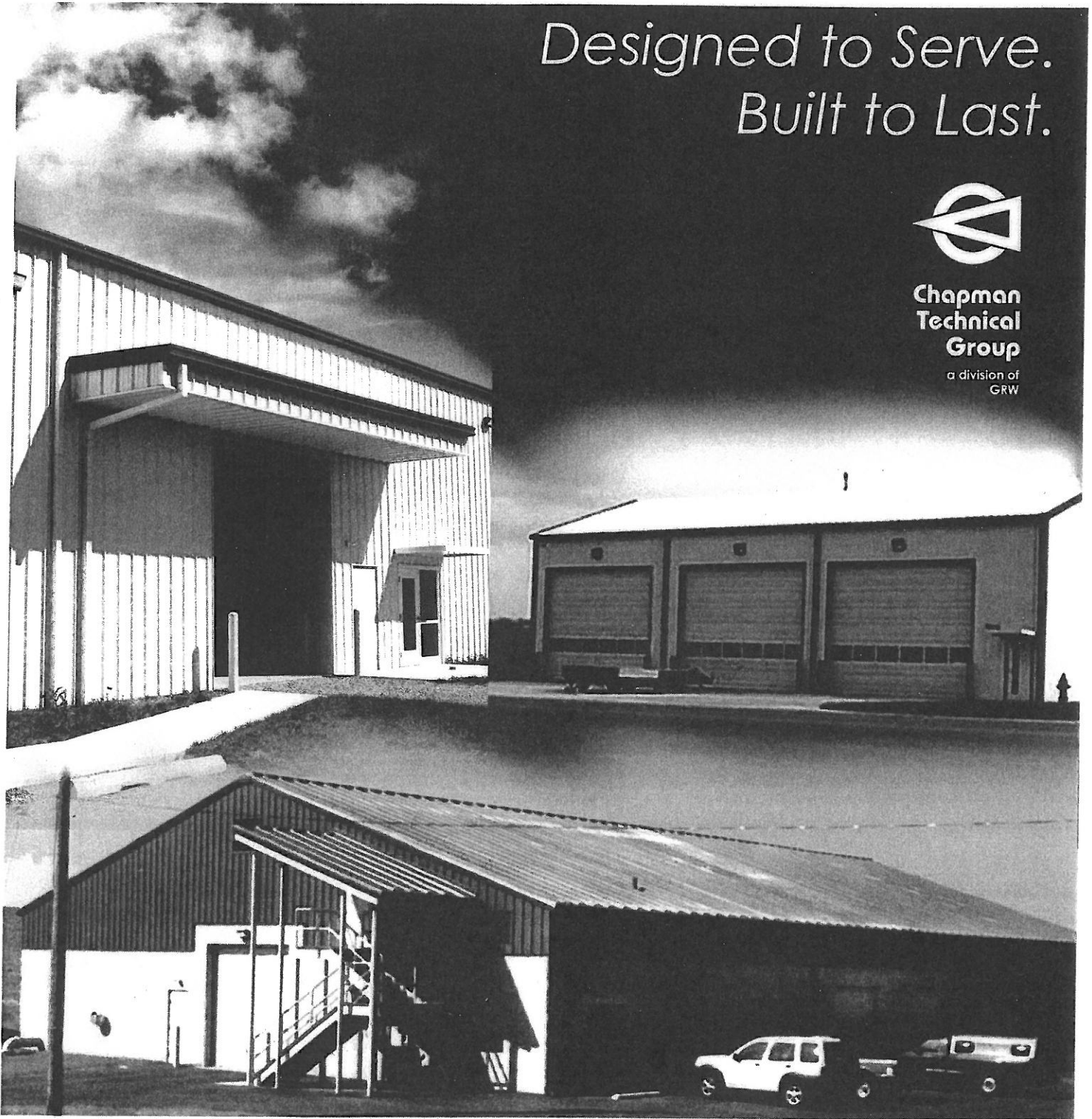


*Designed to Serve.  
Built to Last.*



**Chapman  
Technical  
Group**

a division of  
GRW



**West Virginia Division of Natural Resources  
Storage Buildings for Elk River/Handley  
Waste Management Areas**

200 Sixth Avenue  
St. Albans, WV 25177

304.727.5501  
304.727.5580 Fax

Buckhannon, WV  
Martinsburg, WV  
Lexington, KY

**Expression of Interest to Provide Professional  
Architectural/Engineering Design Services**

Solicitation Number 0310 DNR150000016

10/14/14 10:39:29AM

West Virginia Purchasing Division

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



**Chapman  
Technical  
Group**  
a division of  
GRW

October 14, 2014

Department of Administration  
Purchasing Division  
2019 Washington Street, East  
Charleston, West Virginia 25305-0130

**Re: A/E Services for WV DNR Storage Buildings  
for Elk River and Handley WMA**

Dear Selection Committee:

Chapman Technical Group is most interested in providing the architectural and engineering services for the design of the Storage Buildings for the West Virginia Division of Natural Resources Elk River and Handley Wildlife Management Areas. As detailed below, we have the capability and experience to efficiently complete the projects.

***Our Experience:*** We have completed many projects for the WV Division of Natural Resources, including the fish hatchery building at Apple Grove and we are currently overseeing the construction of the re-roofing project at the Belleville Field Station. Our full service firm will allow us to address the peripheral issues of the project, such as water and sanitary sewer, effectively and efficiently.

***Our Communications:*** 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.

***Our Budget Control:*** Chapman Technical Group has an excellent track record of completing projects in budget. We recently completed nearly \$9 million worth of ski area improvements at Canaan Valley Resort State Park within budget, and are currently completing the snow-making contract at Blackwater Falls State Park, also in budget. Our most recent project is the \$4.1 million renovation of the Jane Lew Elementary School, which came in under budget and is currently under construction.

200 Sixth Avenue  
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Lexington, KY

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Selection Committee  
October 14, 2014  
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.

***Our Expertise:*** 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 storage buildings project. Harper Engineering, a St. Albans-based firm, will provide mechanical/electrical and plumbing engineering. Any surveying that would be required would be completed by our licensed surveyors. Geotechnical engineering would be provided by a consultant.

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



## Project Approach

### Making the process easy to understand.

The design of the new storage buildings is a relatively straightforward design challenge, but there are aspects that will need careful consideration. One of the more important elements of the building will be the heating, cooling and ventilation. Once the engineers start talking about BTUs and fresh air requirements, it doesn't take long for your eyes to glaze over. We'll help you sort through the jargon and break down the complex issues so that everyone understands the advantages and disadvantages of the various HVAC systems.

Early on in the project we'll talk with you about the architectural, structural and equipment options and what will meet your project goals and budget.

The following pages provide an approximate outline of the process that would be followed in the development of your project.

### Understanding what's there.

Of course before we can design a storage facility, we need to understand what you have and how you use your existing facilities. We'll develop a program for the new building that will complement your existing operations.

We'll also analyze the proposed site to ensure that the building is engineered in a way that is suitable for the site.

Once the documentation and analysis phase is complete, we will review our findings with you and talk to you about our initial thoughts about how to proceed with your project.



# Project Approach

## First Thoughts

After we review our initial findings with you, we'll start to formulate some recommendations, based upon engineering and architectural requirements, as well as your goals and objectives.

We'll take all of your input and develop some ideas on paper. We'll also start to look at costs. We'll estimate construction costs so that we can begin to prioritize your needs, and we'll also look at operational costs so that you can have an idea of what your long-term expenditures might be. We'll begin to look at special issues in your project.

Upon completion of our design concepts, we'll meet with you and go over your budget, establish priorities, help you make informed decisions, and determine our

## Tightening down the design.

Once the basic concepts are determined, we'll start to move forward with the detailed design. We'll start to look at the specifics of everything from sizing of the equipment bays to the location of toilet stalls. At this stage of the project, most of the major decisions will have been made and we'll begin working on how it all goes together.

Our opinions of construction cost will be refined and we'll likely begin to think about alternate bid items, to ensure your project remains within budget.

This is one of the more critical phases of the project and we will work with you to evaluate all of the options of the project. By the time this phase is complete, you will have made 95% of the decisions that need to be made.

## Back to the drawing boards.

Well, not really. Of course we'll develop the construction drawings using the latest in computer design and drafting.

At this phase, we are working out the smallest details of the project and writing specifications for the contractor to use in construction. Most of the decisions you will need to make at this point will be minor; all of the hard work has been done in the previous phases.

We'll fine tune the opinion of construction costs and wouldn't expect any surprises. We will finalize the bidding strategy and make any adjustments in alternate bid items that we feel might be prudent.

Once the project is reviewed by the appropriate entities, we'll be ready for bidding.

## Now the fun really begins.

When Purchasing gives us the green light to bid, we'll conduct a pre-bid conference, answer bidder questions and issue addenda, and assist you in the evaluation of bids. This is one of the most exciting parts of the project.

And then construction begins.

*"These are the times that try men's souls,"* Thomas Paine once said. He was speaking of the American Revolution but he very well could have been speaking of just about any construction project.

When the project is completed, we will ensure that the contract requirements have been met satisfactorily, that the systems have been tested and are running properly, and that the DNR personnel have been properly trained.

Following completion, we will remain available to assist in any trouble-shooting that may be necessary. We will always be a phone call away.



## Experience that pays you dividends.

Construction projects come with challenges and require the expertise of someone who has done it before - many times. The following projects are representative examples of our renovation experience.



## **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.



# ARCHITECTURE



**WV Division of Natural Resources**  
**Mason County Fish Hatchery**  
324 Fourth Avenue  
South Charleston, West Virginia



*Above: The Mason County Fish Hatchery building houses fish rearing facilities as part of WVDNR's hatchery operations at the Robert C. Byrd Locks and Dam. Right: Piping manifolds will distribute both well water and reservoir water to a variety of fish tanks.*



Located at the Robert C. Byrd Locks and Dam at Apple Grove, West Virginia, the Mason County fish hatchery building is the final component to the hatchery complex that also includes a series of fish rearing ponds and a reservoir to supply the ponds. The project also included the design and construction of two residences to be used by hatchery personnel.

The 9,200 square-foot fish hatchery building is a masonry and steel structure housing the actual hatching components, as well as offices and other support facilities. More than half of the building is open space to accommodate the fish hatching egg rack and a variety of rearing tanks that hold the fish until they are mature enough to be transferred to ponds. The tanks are fed from either reservoir water or directly from well water which first passes through a degassing head tank. As water flows continuously through the tanks from an overhead distribution system, it is collected in a series of trench drains in the hatchery floor and eventually makes its way back to the Ohio River.

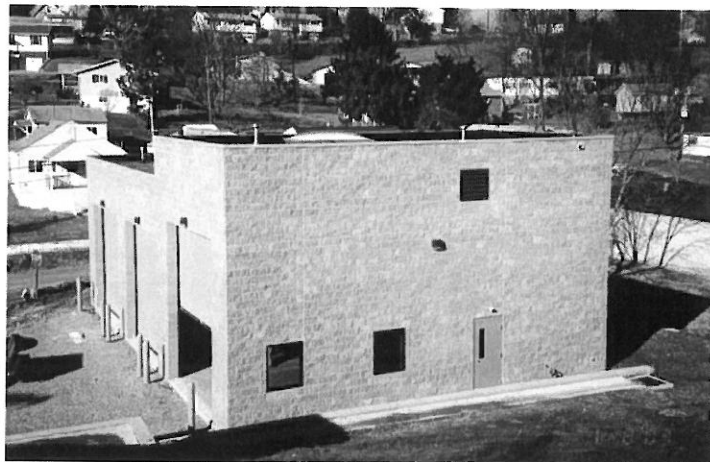
The hatchery also includes an office, a bunk room and kitchen for seasonal employees, a brine/shrimp room, and storage and maintenance garages. A mezzanine above the office area provides for additional storage.





**South Charleston Sanitary Board  
New Three-Bay Equipment Garage**  
114 Monongalia Street  
South Charleston, West Virginia

This building is a three-bay garage for large construction equipment. The area of this building is 2,320 square feet. The height of the single bay is 24 feet and the height of the double bay is 20 feet. Three skylights illuminate the interior of the building. This building also has two small storage rooms and a mezzanine for storage. For heat, two radiant tube heaters are suspended from the ceiling.

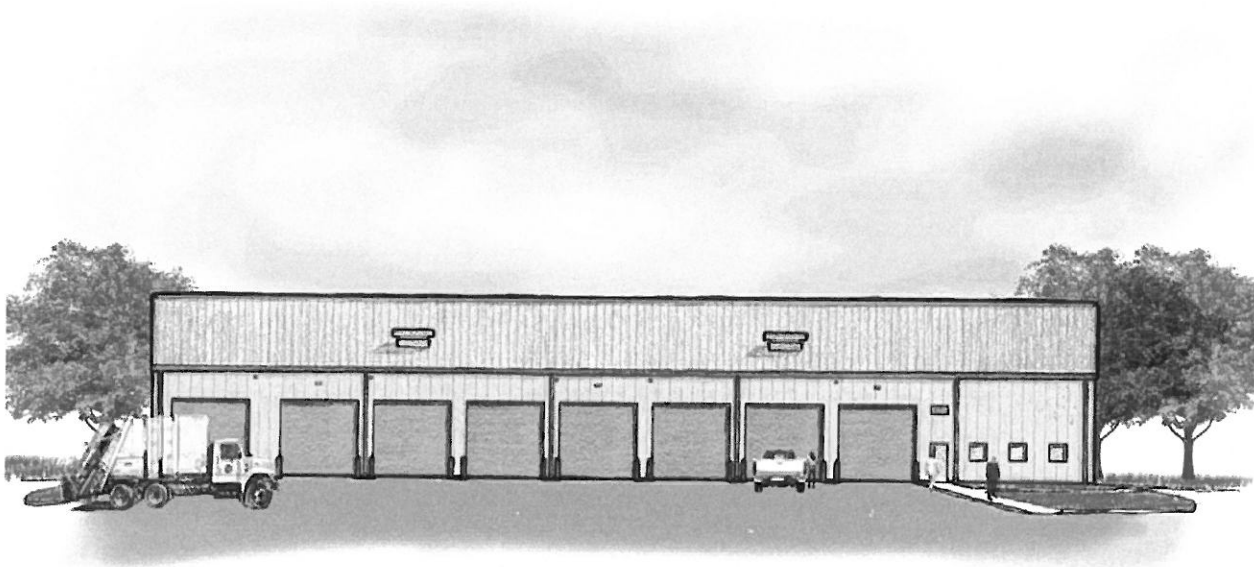




**Buckhannon-Upshur County Airport**  
**Snow Removal Equipment Building**  
38 West Main Street  
Buckhannon, West Virginia

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.





**City of Whitestown**  
**New Maintenance Building**  
3 South Main Street  
Whitestown, Indiana

Chapman Technical Group/GRW designed the maintenance building for the City of Whitesville, Indiana, utilizing an insulated metal building system to reduce cost and expedite construction. The 12,000 SF building includes two maintenance bays with vehicle lifts, five bays for vehicle storage, a wash bay, parts storage, break room, conference room, offices, and a storage mezzanine.



## **Yeager Airport** **Crash/Fire/Rescue Building** Charleston, West Virginia

Design and construction inspection services for a 6,440 square-foot facility to adjoin the architecturally compatible Maintenance and Storage Building that houses the large airfield fire protection equipment. Additionally, there are designated office, training, and kitchen areas, a 1,400 square-foot storage space provided by a second floor loft, and a 1,200 square-foot vehicle maintenance bay. Also included in this project was the design of a new maintenance vehicle fuel farm. The dilapidated Fire Garage and Maintenance Building was removed after the erection of this facility which completed the maintenance modernization at Yeager Airport.





**Elkins-Randolph County Airport Authority**  
**Snow Removal/Maintenance Building and Security Fencing**  
Route 1, Box 271-1  
Elkins, West Virginia 26241

Design and construction inspection services for a 3-bay pre-engineered Snow Removal and Maintenance Building, perimeter security fencing and gates along the airport property line, specification for snow removal equipment and replacement of airfield lighting regulators

# ARCHITECTURE



## Spruce River Volunteer Fire Department

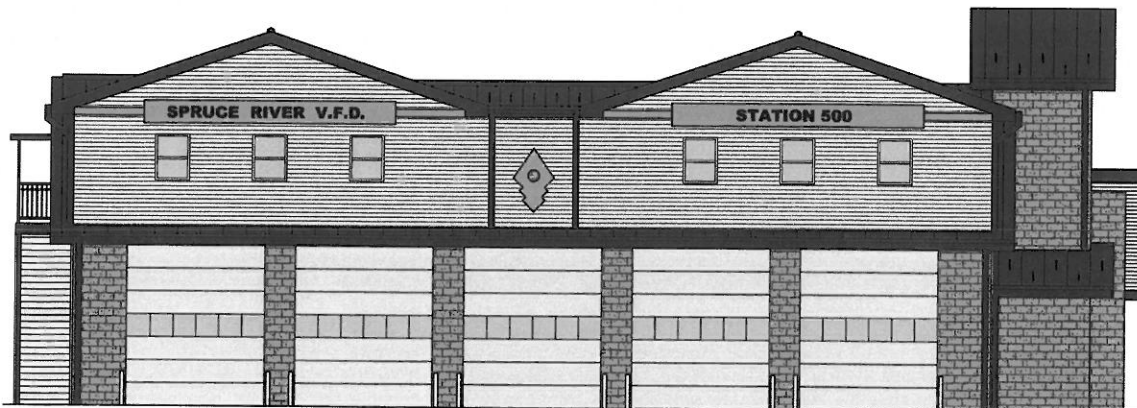
Post Office Box 99  
Jeffery, West Virginia

Chapman Technical Group Designed renovations to the Spruce River Volunteer Fire Department to expand and upgrade their current facility. The new apparatus bay, nearly twice the size of the original, provides for more efficient movement around the vehicles for cleaning and maintenance, as well as more direct movement of the vehicles. The existing apparatus bay is being converted to a fully accessible meeting room, including toilets and

showers, which will be available for public functions and emergency sheltering. A second floor will be constructed over the new bay to serve as a dayroom for the fire fighters. The site is being developed to provide parking, and landscape features which enhance the appearance of the facility while increasing accessibility and security around the building. The total renovation and addition will result in nearly 10,000 squarefeet of space.



**EAST ELEVATION**



**SOUTH ELEVATION**



## You'll work with people you know.

The Chapman Technical Group project team will be lead by Joseph Bird, Vice President, who will serve as the Project Manager and be responsible for all project coordination. Phill Warnock, AIA will serve as Project Architect and will lead the architectural design effort. Doug Cage, P.E. will lead the design of the HVAC system. Their resumes, along with key support staff personnel, are included in this section. With more than two hundred professionals in the Chapman/GRW family, additional personnel can be called upon as necessary.

---

# Joseph E. Bird, ASLA

## Senior Vice President, Project Manager



**Years of Experience:** 36  
**Years with Chapman:** 29

### Education

B.S., Landscape Architecture,  
1981, West Virginia University

### Registration

Landscape Architect: WV, KY

### Affiliations

WV Chapter, American Society of  
Landscape Architects

### Awards

Honor Award, WV ASLA  
Shrewsbury Street Development Plan

### Projects Include

St. Albans Streetscape Improvements  
(St. Albans, WV)

Robert C. Byrd Federal Courthouse  
Site Design (Beckley, WV)

VA Medical Center Healing Garden  
and Site Design (Huntington, WV)

Canaan Valley State Park Ski Facility  
Improvements (Canaan Valley, WV)

Lewisburg L & R Recreation Trail  
(Greenbrier County, WV)

Smith Street Streetscape Improvements  
(Charleston, WV)

Sixth Street Streetscape Improvements  
(Covington, KY)

## Qualifications

### 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 major recreation projects including the Beech Fork State Park Campground Improvements; the Beech Fork State Park Cabin Project; the Beech Fork State Park Swimming Pool and Bathhouse; the Blackwater Falls Cabin Projects; the Canaan Valley Golf Course Drainage Improvements Project, and the Canaan Valley Ski Area Improvements Project.



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# Phillip A. Warnock, NCARB, AIA

## Project Architect



**Years of Experience:** 21  
**Years with Chapman:** 11

### Education

B.S., Architecture, 1995,  
University of Tennessee

### Registration

Architect: WV, KY

### Affiliations

National Council of Architectural  
Registration Boards  
American Institute of Architects

### Awards

Honor Award, WV AIA  
Upshur County Courthouse

Merit Award, WV AIA  
I-79 Burnsville Rest Area

## Qualifications

### Architectural Design

Experience ranges from design, detailing and drafting through project management and construction administration of building projects in various states, including West Virginia, Tennessee, Kentucky and South Carolina.

### Experience Includes

- Public School Facilities
- Historic Preservation/Restoration/Adaptive Reuse
- Community/Recreation Centers
- Aviation Facilities
- Governmental Facilities
- Health Care/Pharmaceutical Facilities
- Military Support Facilities/Armories
- Multi-Family Housing
- ADA Assessments
- Research and Development Labs
- HUD 811, 202 and ECHO Facilities
- Office Buildings
- Rest Areas and Welcome Centers
- Public Safety Facilities

### Projects Include

Upshur County Courthouse Projects  
(Buckhannon, WV)

State Road Commission Building Renovation  
(Charleston, WV)

New WV DOH Rest Areas and Welcome Centers  
(21 Locations throughout WV)

New Roark-Sullivan Lifeway Center Men's Shelter  
(Charleston, WV)

Mercer County Airport Terminal Building Renovation  
(Bluefield, WV)

New Pocahontas County Community Center  
(Marlinton, WV)

New Whitestown Maintenance Garage  
(Whitestown, IN)

---

# Stephen M. Johnson, P.E.

## Civil/Environmental Group Manager



**Years of Experience:** 10  
**Years with Chapman:** 8

### 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

### Miscellaneous

NEC Certified, 2011  
SDI Certified SCUBA Diver

### Projects Include

Bluefield Sanitary Board  
Wastewater System Improvements  
(Bluefield, WV/VA)

St. Albans Water/Wastewater/Stormwater  
Improvements (St. Albans, WV)

Elkins Road PSD Water System Improvements  
(Elkins, WV)

Middle Creek Decentralized Wastewater  
System Improvements  
(Tazewell County, VA)

## Qualifications

### Water Systems

Overall experience includes planning, design, bidding, and construction administration/management of various public and private water system projects throughout West Virginia, Virginia, and North Carolina. Specific project experience includes distribution systems, river crossings, horizontal directional drills, wells, raw water intakes, transmission lines, booster stations, treatment plants, ground and elevated water storage tank design, painting, and rehab, SCADA systems, computer modeling, treatment process evaluation, and problem troubleshooting in existing systems.

### Wastewater Systems

Overall experience includes comprehensive system master plans, design, bidding, construction administration and management of various public and private wastewater system projects throughout West Virginia, Virginia, and North Carolina. Specific project 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, decentralized and alternative on-site disposal systems, and SCADA systems.

---

# Jason E. Brown, P.S.

## Professional Surveyor



**Years of Experience:** 19  
**Years with Chapman:** 4

### Education

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

### Registration

Professional Surveyor: WV, KY

### Affiliations

WV Society of Professional Surveyors

## Qualifications

### Highways

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

### Site Development

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

### Parks and Recreation

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

### Water/Wastewater/Stormwater Systems

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

### Airports

Associated surveying for the design of runways, airport facilities, lighting, and asphalt design for holding pads for small and large airport facilities throughout the state.

### Boundary Surveys

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

# Carol A. Stevens, PE, F.ASCE

## Structural Engineer



### EDUCATION

West Virginia University, BSCE, 1984  
Chi Epsilon National Civil Engineering Honorary  
The Pennsylvania State University, ME Eng Sci, 1989

### PROFESSIONAL REGISTRATION

P.E.	1990	Pennsylvania
P.E.	1991	West Virginia
P.E.	1994	Maryland
P.E.	2008	Ohio
P.E.	2010	Kentucky
P.E.	2013	Virginia

### BACKGROUND SUMMARY

2001 – Present	President, Structural Engineer CAS Structural Engineering, Inc.
1999 – 2001	Structural Engineer Clingenpeel/McBrayer & Assoc, Inc.
1996 – 1999	Transportation Department Manager Structural Engineer Chapman Technical Group, Inc.
1995 – 1996	Structural Engineer Alpha Associates, Inc.
1988 – 1995	Structural Department Manager Structural Engineer NuTec Design Associates, Inc.
1982 – 1988	Engineer AAI Corporation, Inc.

### PROFESSIONAL ASSOCIATIONS

American Society of Civil Engineers  
National Society of Professional Engineers  
American Concrete Institute  
American Institute of Steel Construction  
West Virginia University Department of Civil and  
Environmental Engineering Advisory Committee  
West Virginia University Institute of Technology  
Department of Civil Engineering Advisory Committee

### EXPERIENCE

**West Virginia, State Capitol Complex, Holly Grove Mansion:** Structural evaluation report for preliminary condition assessment of building structure. Building is on the National Register of Historic Places and was constructed in 1815.

**West Virginia, State Capitol Complex, Main Capitol Building Parapet:** Exploratory investigation of limestone/brick parapet/balustrade of Main Capitol Building to determine cause of movement/cracking/ leaks. Construction contract for repairs has been completed. Building is on the National Register of Historic Places and was constructed in the 1920's and 1930's.

**West Virginia, Job's Temple:** Structural repairs to 1860's log structure. Building is on the National Register of Historic Places.

**West Virginia, Collett House Structural Repairs:** Structural renovations of 1770's log and framed structure to stabilize foundation and make repairs to log wall and floor. Building is on the National Register of Historic Places.

**West Virginia, First Presbyterian Church Restoration:** Structural renovations of steel in lantern level and terra cotta cornice, overview of repairs to limestone and terra cotta façade of 1920's structure.

**West Virginia, Hawks Nest State Park Lodge:** Repairs to spandrel beams at roof level and analysis and repairs of structural cracks in stairtower.

**West Virginia, State Capitol Complex, Governor's Mansion:** Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on the National Register of Historic Places and was constructed in the 1920's.

**West Virginia, Twin Falls Resort State Park Addition:** Structural design for new addition to existing facility.



**West Virginia, State Capitol Complex, Main Capitol Building Dome:** Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on the National Register of Historic Places and was constructed in the 1930's. Received a NYAIA Merit Award for Design Excellence.

**West Virginia, Twin Falls Resort State Park:** Structural evaluation of existing recreation building.

**West Virginia, Pipestem Resort State Park:** Structural evaluation of existing recreation building.

**West Virginia, Historic Putnam-Houser House (Parkersburg):** Designed system for stabilization and upgrades to floor framing of building that was constructed in the 1700's.

**West Virginia, Upshur County Courthouse:** Developed construction documents for structural repairs to main entrance, dome and monumental sandstone columns of 1899 structure. Work was recently completed and received a WVAIA Honor Award for Design Excellence.

**Ohio, Mahoning County Courthouse:** Completed preliminary structural observation report of exterior façade conditions to recommended phased repairs for terra cotta and granite façade. Building is on the National Register of Historic Places and was constructed in the early 1900's.

**West Virginia, State Capitol Complex, Building 5:** Structural design and analysis for support of new boilers and other mechanical equipment to be placed in mechanical penthouse.

**West Virginia, State Capitol Complex, Building 7:** Investigation and development of Construction Documents for new elevators.

**West Virginia, State Capitol Complex, Building 3:** Structural design and construction administration of repairs to limestone canopy. Building is eligible to be placed on National Register of Historic Places and was constructed in the 1950's.

**West Virginia, State of West Virginia Office Building #21, Fairmont, WV:** Preliminary structural observation report for condition assessment of building structure.

## **PREVIOUS EXPERIENCE**

**West Virginia, State Capitol Building, North Portico Steps:** Designed structural system to replace deteriorated reinforced concrete slab at landing on north side of Capitol steps. Building is on the National Register of Historic Places and was constructed in the 1930's.

**West Virginia, Beech Fork State Park Pool, Bathhouse and Cabins:** Designed structure for new bathhouse, swimming pool and cabins.

**West Virginia, Moncove Lake State Park Pool:** Designed structure for new swimming pool.

**West Virginia, Upshur County Courthouse Annex:** Performed structural evaluation and design for repairs to existing multi-story Annex addition.

**West Virginia, Farrell Law Building:** Performed analysis of existing deteriorated structural sidewalk over parking area. Recommended repair solutions for reinforced concrete and aged terra cotta façade of 1920's building.

**West Virginia, Canaan Valley Resort and Conference Center:** Structural feasibility study to upgrade lodging units.

**West Virginia, West Virginia University Masterplan:** Investigated structural floor load capacity of several university buildings as a consultant to a large national architectural firm for masterplan.

**West Virginia, Morgantown High School Additions:** Designed steel framing and foundations for science classroom, cafeteria and gymnasium additions to existing education complex.

**West Virginia, Grafton High School Addition:** Designed steel framing and foundations for new science classroom addition to existing high school.

**Pennsylvania, York County Government Center:** Structural analysis and design of 1898 former department store converted to county government offices. Interior renovations included adding floor framing at mezzanine level, analyzing and redesigning deficient floor framing, and adding new elevators. Exterior renovations included complete façade rework to recreate original appearance.

**Pennsylvania, Metropolitan Edison Company, Headquarters:** Structural design for new 80,000 SF two-story office addition to existing complex.

# **HE** Harper Engineering, PLLC

52 B Street  
St. Albans, WV 25177  
Office: 304.722.3602 Fax: 304.722.3603



Jason E. Harper, PE  
(304)-541-1390  
jason@harperengwv.com

## **Education**

West Virginia University Institute of Technology  
Montgomery, WV  
Bachelor of Science-Mechanical Engineering

## **Registrations/Professional Affiliations**

Licensed Professional Engineer – WV  
ASHRAE  
NFPA

## **Experience**

Jason E. Harper, PE brings 12 years design experience to our firm. He has experience with HVAC, Electrical, plumbing, and fire alarm system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

## **Projects**

Addition and Renovation to Geary School  
Baileysville Elem. HVAC Renovations  
W. Kent Carper Justice and Public Safety Complex  
Dominion Gas Office Building  
Renovations to Glenville ES  
Addition to Shady Spring Middle School  
Addition and Renovations to Flinn Elementary  
Renovations to Park Middle School



## Don't take our word for it.

Mr. Travis Knighton, P.E.  
West Virginia Division of Highways  
Building 5, Room A-350  
1900 Kanawha Blvd., E.  
Charleston, WV 25305  
(304) 356-3840

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

Honorable Dick Callaway, Mayor  
City of St. Albans  
Post Office Box 1488  
St. Albans, WV 25177  
(304) 727-2971

*"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

*"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

*"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



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

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

Proc Folder: 24643

Doc Description: ADDENDUM NO 1-Wildlife Management A/E services

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2014-10-01	2014-10-14 13:30:00	CEOI 0310 DNR1500000016	2

**BID RECEIVING LOCATION**

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

**VENDOR**

Vendor Name, Address and Telephone Number:

Chapman Technical Group  
 200 Sixth Avenue  
 St. Albans, West Virginia 25177  
 (304)727-5501

**FOR INFORMATION CONTACT THE BUYER**

Dean Wingerd  
 (304) 558-0468  
 dean.c.wingerd@wv.gov

Signature X

FEIN # 550704766

DATE 10/14/2014

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

INVOICE TO		SHIP TO	
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE SOUTH CHARLESTON WV25303 US		STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICATIONS No City WV 99999 US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Architectural engineering	0.00000	LS

Comm Code	Manufacturer	Specification	Model #
81101508			

**Extended Description :**

Architectural, Engineering, and construction administration and monitoring services for two storage buildings for DNR Wildlife Management Areas. One for Elk River WMA (Braxton County) and one at Handley WMA (Pocahontas County).



DNR150000016	<b>Document Phase</b> Final	<b>Document Description</b> ADDENDUM NO 1-Wildlife Management A/E services	<b>Page 3</b> <b>of 3</b>
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**ADDITIONAL TERMS AND CONDITIONS**  
**(Architectural and Engineering Contracts Only)**

1. **PLAN AND DRAWING DISTRIBUTION:** All plans and drawings must be completed and available for distribution at least five business days prior to a scheduled pre-bid meeting for the construction or other work related to the plans and drawings.
  
2. **PROJECT ADDENDA REQUIREMENTS:** The Architect/Engineer and/or Agency shall be required to abide by the following schedule in issuing construction project addenda:
  - a. The Architect/Engineer shall prepare any addendum materials for which it is responsible, and a list of all vendors that have obtained drawings and specifications for the project. The Architect/Engineer shall then send a copy of the addendum materials and the list of vendors to the State Agency for which the contract is issued to allow the Agency to make any necessary modifications. The addendum and list shall then be forwarded to the Purchasing Division buyer by the Agency. The Purchasing Division buyer shall send the addendum to all interested vendors and, if necessary, extend the bid opening date. Any addendum should be received by the Purchasing Division at least fourteen (14) days prior to the bid opening date.
  
3. **PRE-BID MEETING RESPONSIBILITIES:** The Architect/Engineer shall be available to attend any pre-bid meeting for the construction or other work resulting from the plans, drawings, or specifications prepared by the Architect/Engineer.
  
4. **AIA DOCUMENTS:** Contracts for architectural and engineering services will be governed by the AIA document B101-2007, as amended by the Supplementary Conditions for the State of West Virginia, in addition to the terms and conditions contained herein when procured under Chapter 5G of the West Virginia Code.
  
5. **GREEN BUILDINGS MINIMUM ENERGY STANDARDS:** In accordance with West Virginia Code § 22-29-4, all new building construction projects of public agencies that have not entered the schematic design phase prior to July 1, 2012, or any building construction project receiving state grant funds and appropriations, including public schools, that have not entered the schematic design phase prior to July 1, 2012, shall be designed and constructed complying with the ICC International Energy Conservation Code, adopted by the State Fire Commission, and the ANSI/ASHRAE/IESNA Standard 90.1-2007: Provided, That if any construction project has a commitment of federal funds to pay for a portion of such project, this provision shall only apply to the extent such standards are consistent with the federal standards.

**ADDITIONAL TERMS AND CONDITIONS**

See attached document(s) for additional Terms and Conditions

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: DNR150000016**

**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:**

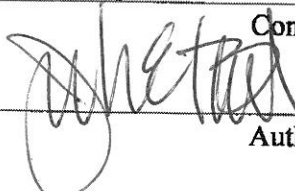
(Check the box next to each addendum received)

- |  |  |
|--|--|
| <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

10/14/2014

Date

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

Revised 6/8/2012

STATE OF WEST VIRGINIA  
Purchasing Division  
**PURCHASING AFFIDAVIT**

**MANDATE:** 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 exceed 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 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: 10/14/2014

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 14<sup>th</sup> day of October, 2014.

My Commission expires September 20, 2020.

**AFFIX SEAL HERE**

**NOTARY PUBLIC**

[Signature]

*Purchasing Affidavit (Revised 07/01/2012)*

