

Sled Run Phase III

Blackwater Falls State Park



**Chapman
Technical
Group**
a division of
GRW



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

Chapman Technical Group
200 Sixth Avenue
St. Albans, WV 25177

**West Virginia Division of Natural Resources
Blackwater Falls State Park
Sled Run Phase III**

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Martinsburg, WV
Lexington, KY

Solicitation Number CEOI 0310 DNR1500000018

05/19/15 09:00:31
WV Purchasing Division

www.chaptech.com



**Chapman
Technical
Group**
a division of
GRW

May 19, 2015

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

**Re: A/E Services for Blackwater
Falls Sled Run Phase III**

Dear Selection Committee:

Chapman Technical Group is most interested in providing the architectural and engineering services for the design of the Blackwater Falls State Park Sled Run Improvements, Phase III. Having completed the first two phases of this project, we are very familiar with all of the requirements and issues of the project.

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. For this project, Joe Bird will serve as the Project Manager.

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. Our two most recent projects include the \$4.1 million renovation of the Jane Lew Elementary School, which came in under budget and is currently under construction. We also recently completed a \$6.5 million building renovation in budget for the WV Division of Highways, District 1.

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St. Albans, WV 25177

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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 Schedule Control: We have completed many projects for the WV State Parks within the allotted schedule, including the Canaan Valley Ski Area Improvements project which was bid as eight separate contracts and involved many specialty consultants. We have a history of timely turnaround on many projects which have been provided by this project team and can meet any schedule required for this project. Our Project Manager will establish internal review deadlines with all parties which will ensure compliance with your schedule for bidding and construction. Our full service firm will allow us to address the peripheral issues of the project, such as water and sanitary sewer, effectively and efficiently.

During construction, we will strive to maintain a true team relationship so that issues are resolved quickly with input from all parties, including your field representative. As you know, the Sled Run site is sensitive to weather conditions and I think it would be prudent to require work in the traditionally wet areas be executed first. Work in less sensitive areas can be executed later in the season. As always, it takes a coordinated effort from the Architect and the Owner apply the appropriate pressure to keep the project moving expeditiously, while maintaining a positive relationship with the Contractor. I think we have demonstrated that balance in past projects.

Our Expertise: The Chapman Technical Group team will include Joseph Bird, who will serve as Project Manager. Tom Cloer, AIA, has designed several projects for WV State Parks and will be the lead architect for the Sled Run project. Harper Engineering, a St. Albans-based firm, will provide mechanical/electrical and plumbing engineering. Rob Dinsmore, ASLA, will provide basic site design and will work with Mike Johnson, PE, who will provide the required civil engineering. Any surveying that would be required would be completed by our licensed



Selection Committee
May 19, 2015
Page 3

surveyors. Geotechnical engineering would be provided by a consultant. If it becomes necessary to engage a consultant to provide advice regarding the sled run run-out, we will use Ross Stevens, who designed the Canaan Valley Tube Park.

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



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

**State of West Virginia
 Centralized Expression of Interest**

Proc Folder: 68225

Doc Description: Blackwater Falls Sled Run Phase III - EOI

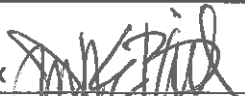
Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2015-04-16	2015-05-19 13:30:00	CEOI 0310 DNR1500000018	1

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, WV 25177
(304) 727-5501

FOR INFORMATION CONTACT THE BUYER
 Laura E Hooper
 (304) 558-0468
 laura.e.hooper@wv.gov

Signature X  FEIN # 550704766 DATE 5/18/2015

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

		SHIP TO	
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US		DIVISION OF NATURAL RESOURCES PETERSBURG HATCHERY 126 GRAHAMS WAY PETERSBURG WV 26847 US	

Line	Comm Ln Desc	Qty	Unit Issue
1	Architectural engineering		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :
 A/E services for Blackwater Falls Sled Run Phase III East Bond Project.

DNR150000018	Document Phase Final	Document Description Blackwater Falls Sled Run Phase III - EOI	Page 3 of 3
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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: 5/18/2015

State of West Virginia

County of Kanawha, to-wit:

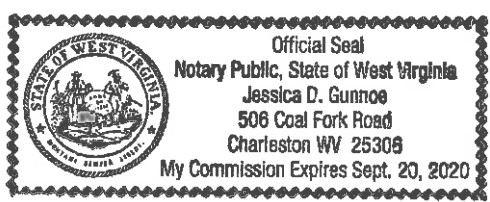
Taken, subscribed, and sworn to before me this 18th day of May, 2015.

My Commission expires September 20, 2020

AFFIX SEAL HERE

NOTARY PUBLIC [Signature]

Purchasing Affidavit (Revised 07/01/2012)



ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DNR1500000018

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 checked="" 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

5/18/2015

Date

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

CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Chapman Technical Group

(Company)

 Joseph Bird, VP

(Authorized Signature) (Representative Name, Title)

(304) 727-5501, (304) 727-5580 5/18/2015

(Phone Number) (Fax Number) (Date)

Sled Run Phase III

Project Approach



Making the process easy to understand.

The design of the Phase III of the Sled Run will involve different design elements including civil engineering, landscape architecture and architecture. Although the program is relatively simple, because of the site constraints all of the elements of the project will need careful consideration. We'll help you sort through the issues to develop a plan that meets the project objectives and stays within your budget.

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

Sled Run Phase III

Project Approach



Understanding what's there.

Of course before we can design the next phase of the project we need to understand how the facility is being used and how that use has changed with the development of the first two phases of the project. Then we can start to develop a program for the new improvements that will complement your existing operations.

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.

Sled Run Phase III

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 estimate construction costs so that we can begin to prioritize your needs and we'll begin to look at any special issues that may affect 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 direction for the next phase of design development.

Sled Run Phase III

Project Approach



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 vehicular circulation to pavement types and architectural details. 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.

Sled Run Phase III

Project Approach



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.

Sled Run Phase III

Project Approach



Now the fun really begins.

When we get the green light to bid, we'll assist you in plan distribution, conduct a pre-bid conference, answer bidder questions and issue addenda, assist you in the receipt of bids, evaluate the bids, and make a recommendation regarding the award of the contract. 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.

Sled Run Phase III

Project Experience



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 experience.

LANDSCAPE ARCHITECTURE CIVIL ENGINEERING



West Virginia Division of Natural Resources Blackwater Falls State Park Sled Run Improvements Davis, West Virginia

The Sled Run at Blackwater Falls State Park had long been a winter-time attraction, despite the antiquated rope-tow system used to carry sledders to the top of the hill. Phase I of the project replaced the rope tow with a state-of-the-art boardwalk conveyor for sledders and cross-country skiers. The 1300-foot conveyor is one of the longest of its kind on the east coast.

Phase II provided snow-making capabilities and included a new water storage pond, a new well to furnish water for the pond, and snow-making water distribution system, and snow guns.



LANDSCAPE ARCHITECTURE



West Virginia Division of Natural Resources Canaan Valley Resort State Park - Ski Area Improvements Canaan Valley, West Virginia

Chapman Technical Group led a team of specialists in the development of a wide range of improvements at the ski area of Canaan Valley Resort State Park.

A new tubing park features a 10-lane tube run in excess of 800 feet long with a vertical drop of 90 feet. A new boardwalk conveyor carries tubers back up the hill and at the base, a tubing lodge includes a wood-burning fireplace, rest rooms, and a concession stand for hot drinks, and an outdoor patio. In the same area, a wobble clay shooting range will be used as a seasonal activity.

Another major improvement is the new beginners slope and ski school area. This new slope will be easily accessible by beginning skiers and includes snow guns and lighting for night skiing. A boardwalk conveyor



carries skiers back to the head of the slope.

The original ski lodge buildings received a much-needed face lift, including new wall and floor finishes, new furnishings, new lighting and upgrades to the heating and ventilation systems. Outside, a new plaza with a fire pit provides more options for outdoor seating. Important infrastructure improvements include upgrades and major maintenance to the existing ski lifts; snow-making waterline repairs and upgrades; new snow guns; and major storm drainage improvements. A new waterline from the Canaan Valley golf course ponds provides expanded snow-making capabilities.

ARCHITECTURE



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



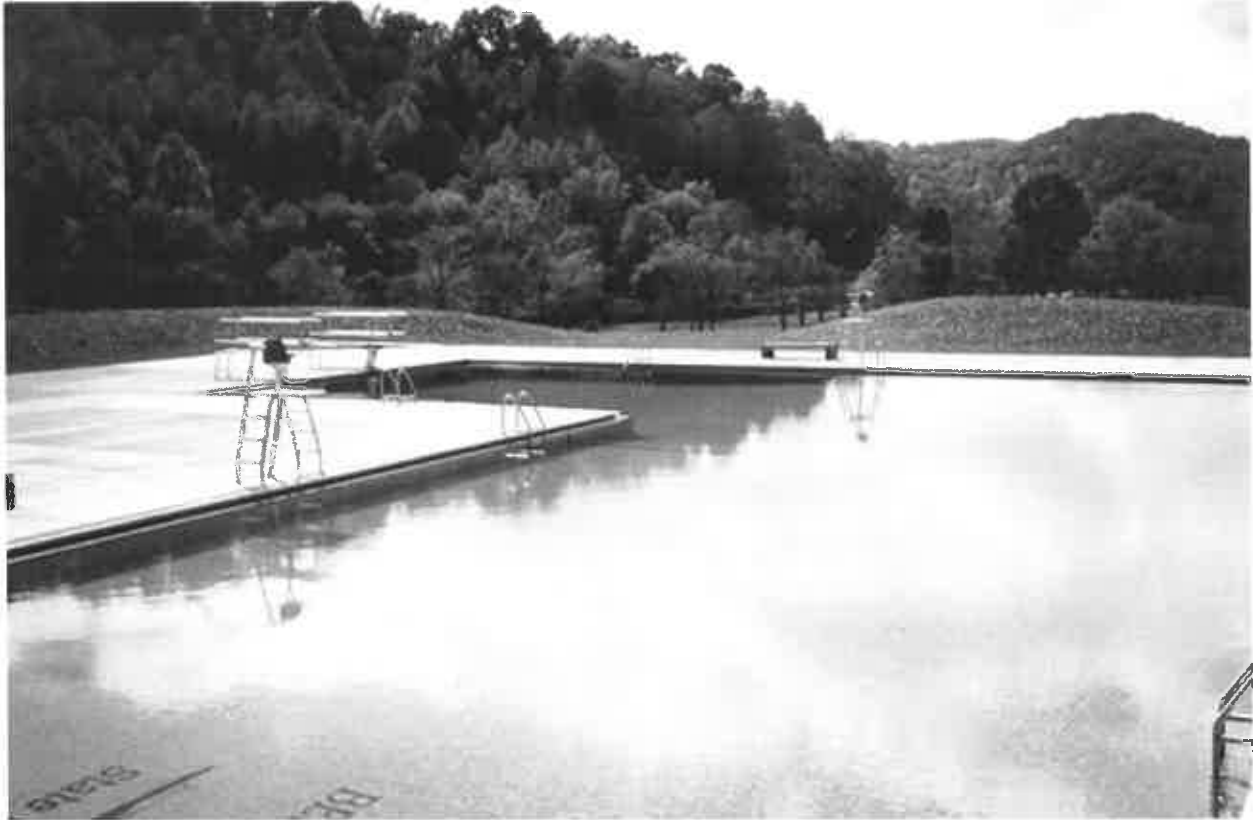
Chapman Technical Group is leading a team of specialists in developing a wide range of improvements at the ski area of Canaan Valley Resort State Park. The upgrades include new facilities that will have a major impact on the resort's operations; others will be little-noticed but important improvements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

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



WV Division of Natural Resources
Blackwater Falls Cabins
324 Fourth Avenue
South Charleston, West Virginia

Chapman Technical Group was selected to provide the architectural, civil engineering, and landscape architectural design to construct 13 new cabins in the environmentally-sensitive Blackwater Falls State Park. The project also included site development and utility system upgrades. One of the goals in developing the project was to have as little environmental site impact as possible. A plan to cluster the cabins was developed that would minimize the footprint of the cabin development. As much as possible, the existing grade remained unchanged to preserve the natural vegetation. A natural planting plan was developed using indigenous or naturalized plant species, with a special effort made to provide habitat vegetation for endangered animal species in the area. As part of the project, a low-impact wastewater treatment plant was designed and will result in water clean enough to discharge into the natural waterways of the park. More than a mile of potable water line was also upgraded, which will benefit other areas of the park as well.



WV Division of Natural Resources
Beech Fork State Park Pool/Access Road
324 Fourth Avenue
South Charleston, West Virginia

Chapman Technical Group designed \$4.5 million worth of improvements at the state park near Barboursville including a 50-meter swimming pool, bathhouse, six modern cabins, and campground upgrades. The pool and bathhouse were constructed on 12 feet of fill, carefully designed by our landscape architects to blend naturally with the surrounding terrain. The project also included a one-half mile access road to the cabins, as well as storm water management for the entire project.





**WV Division of Natural Resources
Wildlife Resources Section
Fort Martin Boat Ramp
South Charleston, West Virginia**

The project is located along the banks of the Monongahela River, between Morgantown & the Pennsylvania state line and consists of a thirty-foot wide boat launch, an ADA accessible boarding ramp and dock, and a 66-space vehicle parking lot. The project was completed at a cost of approximately \$100,000.

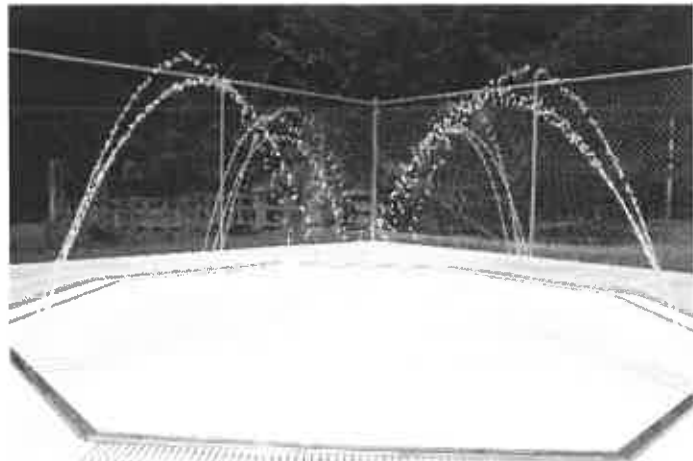




The West Virginia Division of Natural Resources swimming pool at the Laurel Lake Wildlife Management Area near Lenore, West Virginia had fallen into serious disrepair and had actually closed down. Chapman Technical Group designed a rehabilitation of the pool that included a new stainless steel gutter recirculation

system, a membrane liner, a new interactive wading pool, and new concrete decks. After the demolition of the old bathhouse, a new bathhouse was built which also houses the filtration equipment for the wading pool. The project was completed in 2010 at a cost of \$714,000.

**WV Division of Natural Resources
Laurel Lake Wildlife Management
Swimming Pool
Mingo County, West Virginia**





City of Lewisburg
L & R Trail - Phase I
Lewisburg, West Virginia

The first phase of the West Virginia Division of Highways Recreational Trails Program in Lewisburg has been completed. The trail follows the right-of-way of the old L&R Railroad and when all phases are finished, it will link Lewisburg and Ronceverte and provide more recreational opportunities for the people of Greenbrier County. The trail winds through a residential neighborhood just outside of downtown Lewisburg, but the trail follows the existing contours and was colored to suggest its recreational intent.





**WV Division of Natural Resources
Nitro Boat Ramp
324 Fourth Avenue
South Charleston, West Virginia**

This project is located along the banks of the Kanawha River in the City of Nitro. The project consists of a thirty-foot wide boat launch, an ADA accessible boarding ramp and dock, and a 60-space vehicle parking lot. The project was constructed on the site of a former landfill.



LANDSCAPE ARCHITECTURE



City of St. Albans
Library Parking Lot
602 4th Street
St. Albans, West Virginia

For years the St. Albans Public Library operated with limited parking, so when funds became available in 2001 to construct additional parking, Chapman Technical Group was selected to provide a design which not only met the functional requirements of the project, but one that would be an asset to the community as well.

Due to the sloping site, terraced parking and retaining walls were required. For the walls Chapman Technical Group chose the Anchor Vertica-Pro precast concrete block, both for its strong engineering properties and aesthetic qualities. To protect pedestrians from the four-foot drop of the upper wall, a black, vinyl-coated chain link fence was used, which tends to disappear in the landscape. Pedestrian crosswalks were identified by using patterned, colored asphalt in the form of brick pavers. In keeping with the renaissance of the downtown St. Albans area, modern lighting fixtures were provided, using both area lighting and pedestrian-scale fixtures. Engineering challenges included the coordination of utility relocation and the design of a stormwater collection system.



Sled Run Phase III

Project Team



The people you will get to 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. Tom Cloer, AIA will serve as Project Architect and will lead the architectural design effort. Jason Harper, P.E. will lead the design of the electrical and HVAC system. Rob Dinsmore, ASLA, will provide site design and landscape architectural services and Mike Johnson, P.E., will provide civil engineering. Their resumes, along with key support staff personnel, are included in this section.

Joseph E. Bird, ASLA

Vice President

Project Officer



Years of Experience: 37
Years with Chapman: 30

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.

W. Thomas Cloer, III, NCARB, AIA

Project Architect



Years of Experience: 14
Years with Chapman: 9

Education

B.S., Architecture, 2001
University of Tennessee

Registration

Architect: WV, VA

Affiliations

National Council of Architectural
Registration Boards
WV Chapter,
American Institute of Architects
St. Albans Property and Maintenance
Board Member
St. Albans Historic District
Committee Member

Qualifications

Architectural Design

Experience ranges from drafting, detailing and design through project management and construction administration of building projects throughout West Virginia and Virginia.

Experience Includes

- Public School Facilities
- Government Facilities
- Office Buildings
- Medical Office Facilities
- Single Family Housing
- Multi-Family Housing
- Recreational Facilities
- ADA Assessments
- Site Planning

Projects Include

Smithville Elementary School Renovation/Addition
(Ritchie County, WV)

Man K-8 School Addition
(Logan County, WV)

Jane Lew Elementary School Addition
(Lewis County, WV)

New Blackwater Falls State Park Cabins
(Davis, WV)

New Canaan Valley State Park Ski Lodge
(Canaan Valley, WV)

Phillip A. Warnock, NCARB, AIA

Project Architect



Years of Experience: 22
Years with Chapman: 12

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)

Robert D. Dinsmore, PLA

Landscape Architect, Project Designer



Years of Experience: 5
Years with Chapman: 5

Education

B.S., Landscape Architecture,
2010, West Virginia University

Registration

Architect: WV, KY

Affiliations

WV Chapter, American Society of
Landscape Architects Director
Sigma Lambda Alpha Landscape
Architecture Honorary WVU President
G.E.R.M.A.N. Club of Virginia Tech
Sunnyside Up Campus Neighborhoods
Revitalization Corporation Volunteer

Awards

Honor Award, WV ASLA
Design Excellence

Merit Award, WV ASLA,
Design Excellence

Honor Award, ASLA Student

Merit Award Nominee,
ASLA Student

Qualifications

Urban Design

Designed and developed a master plan as part of his senior thesis for the Boston waterfront development.

Recreation Design

Developed master plans and designs for various facilities as part of scholastic studies.

Landscape Design

Designed and installed numerous landscape plans for high end residential and resort projects constructed in Florida.

Projects Include

Upper Big Branch Miners Memorial
(Whitesville, WV)

Nuttallburg Mine Complex Trails
(New River Gorge, WV)

Teays Acres Master Plan
(Putnam County, WV)

Blackwater Falls State Park Cabins
(Davis, WV)

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

Stephen M. Johnson, P.E.

Civil/Environmental Group Manager



Years of Experience: 11
Years with Chapman: 9

Education

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

Registration

Civil Engineer: WV, NC, VA

Affiliations

Water Environment Association
WV American Water Works Association
WV & VA Rural Water Association
Water for People

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.

David C. Hoy, P.E.

Civil/Structural Engineer



Years of Experience: 8
Years with Chapman: 8

Education

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

Registration

Civil Engineer: WV, KY, VA

Affiliations

Chi Epsilon, National Civil Engineering
Honor Society
ASCE, Member

Qualifications

Structural Engineering

Experience with investigation and analysis of existing structures. Experience with the design of various building structural systems including timber, concrete, steel, and masonry construction. Experience with foundation design, including metal building foundations and also deep foundations. Experience with structural design of water and wastewater structures both above and below ground. Performs shop drawing reviews and makes periodic site visits during the construction phase of projects.

Projects Include

Jane Lew Elementary School Renovation
(Lewis County, WV)

State Road Commission Building Renovations
(Charleston, WV)

Canaan Valley Resort State Park New Ski Lodge
(Davis, WV)

St. Albans Fire/Police Station Renovations
(St. Albans, WV)

Jason E. Brown, P.S.

Professional Surveyor



Years of Experience: 20
Years with Chapman: 5

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.

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 11 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

Harper Engineering,pllc

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



Kevin Mark King, PE
mark@harperengwv.com

Education

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

Bluefield State College
Bluefield, WV
Bachelor of Science-Computer Science

Registrations/Professional Affiliations

Licensed Professional Engineer – WV, KY, PA, OH, VA
WV licensed Master Electrician
NFPA

Experience

Kevin Mark King, PE brings 10 years of electrical design experience and over 11 years of electrical construction/maintenance experience to our firm. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, emergency services facilities, government buildings and industrial projects.

Projects

Fayette Co. 911 Center
Wayne County 911 Center
Pulmonary Associates

Huff PK-8 School
Oakvale Elementary School
Pineville Elementary School

Sled Run Phase III

References



Mr. Travis Knighton, P.E.
West Virginia Division of Highways
District One
Charleston, WV 25301
(304) 356-3840

Mr. John Gerlach
Mason County Administrator
Mason County Courthouse
200 Sixth Street
Pt. Pleasant, West Virginia 25550
(304) 675-1110

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 DNR

"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