NOTICE

Please note that this bid from Chapman Technical Group for GSD18*1 was received at the Purchasing Division office prior to the established bid opening date and time on December 20,2017, but was not properly time stamped.

Guy Nisbet
Supervisor

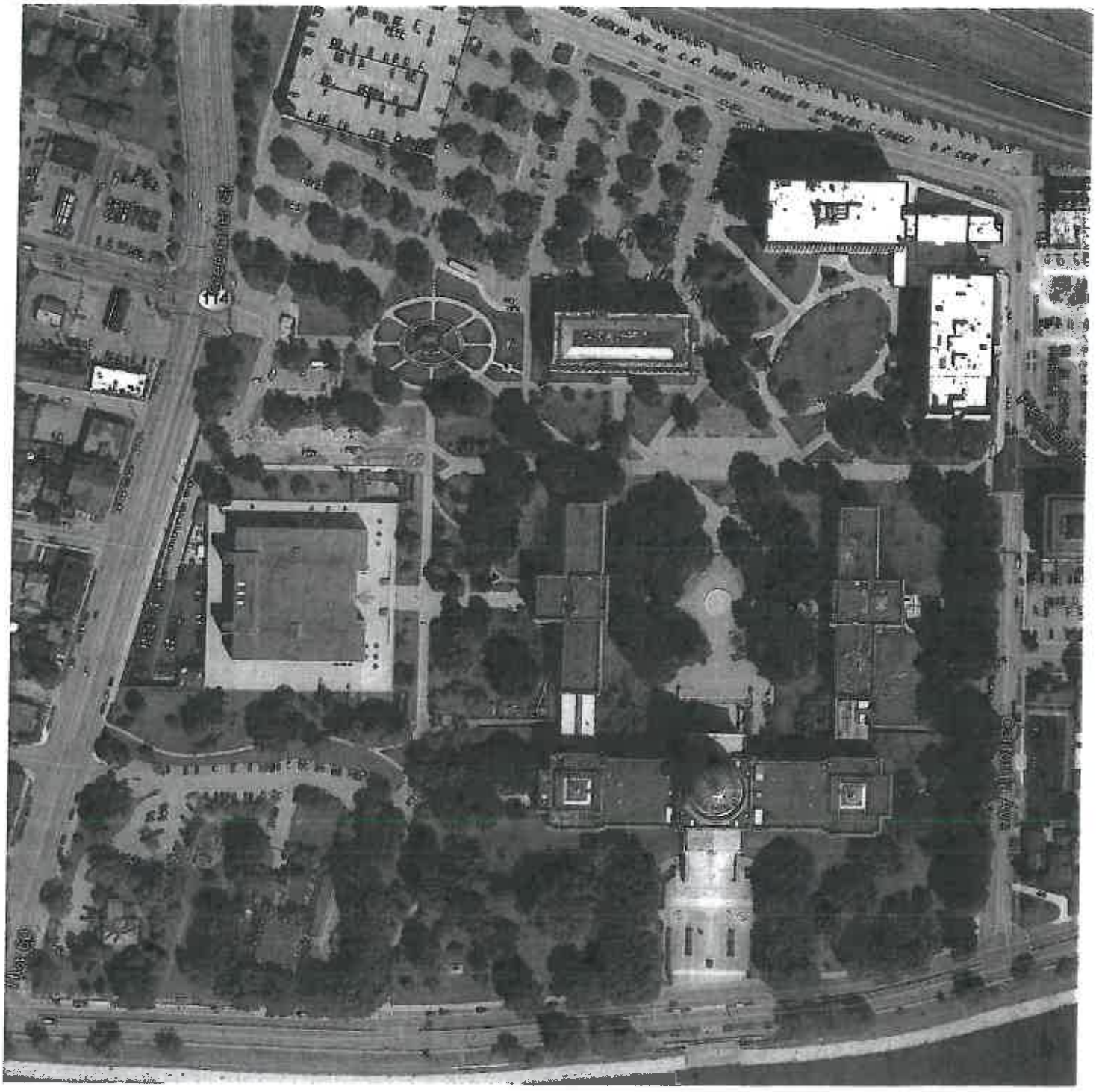
Capital Complex Hardscape Restoration Project

Expression of Interest to Provide Professional Architectural/Engineering Services

Department of Administration

Solicitation Number CEOI 0211 GSD1800000001

Chapman Technical Group
a division of GRW



Chapman Technical Group
a division of GRW

December 20, 2017

Department of Administration
General Services
1900 Kanawha Boulevard, East
Building 1, Room MB60
Charleston, West Virginia 25305-0123

Re: A/E Services for
Capitol Complex
Hardscape Restoration Project

Dear Selection Committee:

Chapman Technical Group is most interested in providing the required A/E services for Capitol Complex Hardscape Restoration Project. Our in-house capabilities include registered engineers, landscape architects, historic architects, and surveyors. We have extensive experience in streetscape projects, as well as sidewalk, trails, and other alternative transportation systems. Having developed similar projects for large and small communities throughout West Virginia, we have a thorough understanding of the technical requirements of the Capitol Complex Hardscape Restoration Project. Additionally, we have developed many projects of a historic nature and routinely work within the U.S. Department of Interior guidelines for historic work and have developed a strong working relationship with the West Virginia State Historic Preservation Office.

You will see in our Project Approach section of this submittal our plan for executing the requirements of this project and how we would work with the Department of Administration in meeting your goals and objections. We have extensive experience working with various State agencies and have an excellent record of developing projects on time and our accurate estimates allow for the development of alternate bid items to ensure projects come in within the allocated budget.

We would very much appreciate the opportunity to appear before your selection committee and further discuss your projects and our qualifications. Meanwhile, please feel free to contact me if you have any questions or need additional information.

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Vice President

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Lexington, KY

www.chaptech.com

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.

, VP
(Name, Title)

Joseph Bird, VP
(Printed Name and Title)

200 Sixth Avenue
(Address)

(304) 727-5501/(304) 727 5580
(Phone Number) / (Fax Number)

jbird@chaptech.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 Bird, VP
(Printed Name and Title of Authorized Representative)

12-15-2017
(Date)

(304) 727-5501, (304) 727-5580
(Phone Number) (Fax Number)

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 OTHER 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 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: (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: _____ Date: 12-15-2017

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 15th day of December, 2017.

My Commission expires April 17, 2022, 2022

AFFIX SEAL HERE

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

NOTARY PUBLIC Amanda Sutphin

West Virginia Ethics Commission

Disclosure of Interested Parties to Contracts

(Required by *W. Va. Code* § 6D-1-2)

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

Authorized Agent: Joseph E. Bird **Address:** 200 Sixth Avenue, St. Albans, WV 25177

Contract Number: GSD1800000001 **Contract Description:** Capitol Complex Hardscape Restoration

Governmental agency awarding contract: WV Department of Administration

☐ **Check here if this is a Supplemental Disclosure**

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below *(attach additional pages if necessary)*:

1. **Subcontractors or other entities performing work or service under the Contract**
   ☒ Check here if none, otherwise list entity/individual names below.

2. **Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)**
   ☐ Check here if none, otherwise list entity/individual names below.
   GRW, Inc.

3. **Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)**
   ☐ Check here if none, otherwise list entity/individual names below.
   Joseph E. Bird

Signature: _____ Date Signed: 12-15-2017

Notary Verification

State of West Virginia, County of Kanawha:

I, Amanda Sutphin, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 15th day of December, 2017.

Amanda Sutphin
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____

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

Revised October 7, 2017

Table of Contents

COMPANY OVERVIEW & AWARDS

Established in 1984, Chapman Technical Group has steadily grown into a diverse firm of professionals, many of whom were educated in West Virginia colleges and universities. We have achieved an outstanding reputation for developing high-quality projects, while meeting schedules and budgets.

In 2013, Chapman Technical Group was acquired by the Lexington, Kentucky based A/E firm of GRW, allowing us to provide a wider range of services while expanding our resources. Now, in addition to our offices in St. Albans, Buckhannon, and Martinsburg, West Virginia, as part of the GRW family, we also work in Kentucky, Ohio, Tennessee, and Indiana.

Our architectural group not only designs new buildings from the ground up, but also specializes in renovations and historic restoration projects. Our award-winning landscape architects provide master planning, as well as detailed site design for parks and public spaces projects.

In addition to our building studio, our engineering support staff gives us the ability to meet almost any challenge a project may present. All of our mechanical, electrical, plumbing engineering is provided in-house, and our civil engineers work with our landscape architects to provide site designs that are functional while achieving a high level of aesthetics.

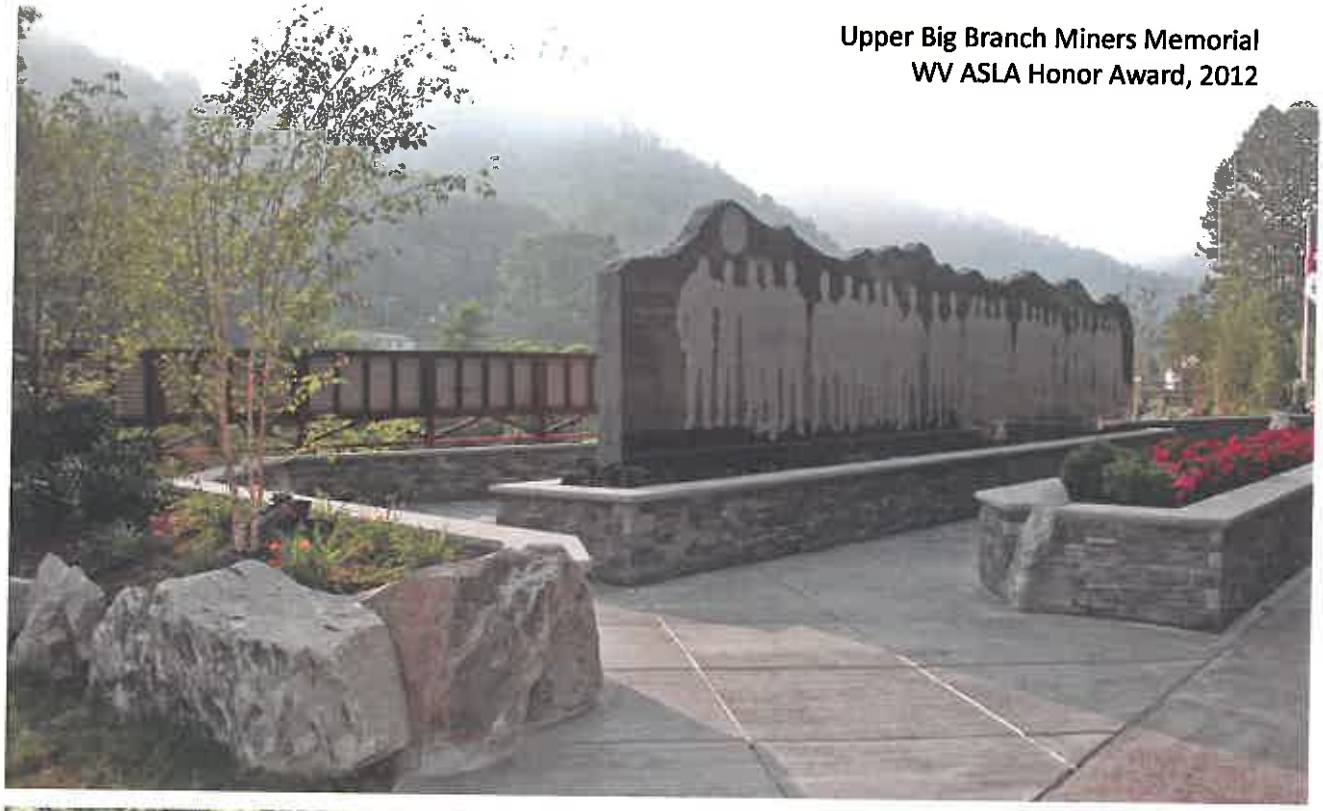
Water and sewer system design is accomplished by our environmental engineers, and when on-site wastewater treatment is required, we can do it.

Working with our airport group, we can provide full airport design services, from runway and lighting design, to hangars and terminal buildings.

COMPANY OVERVIEW & AWARDS

COMPANY OVERVIEW & AWARDS

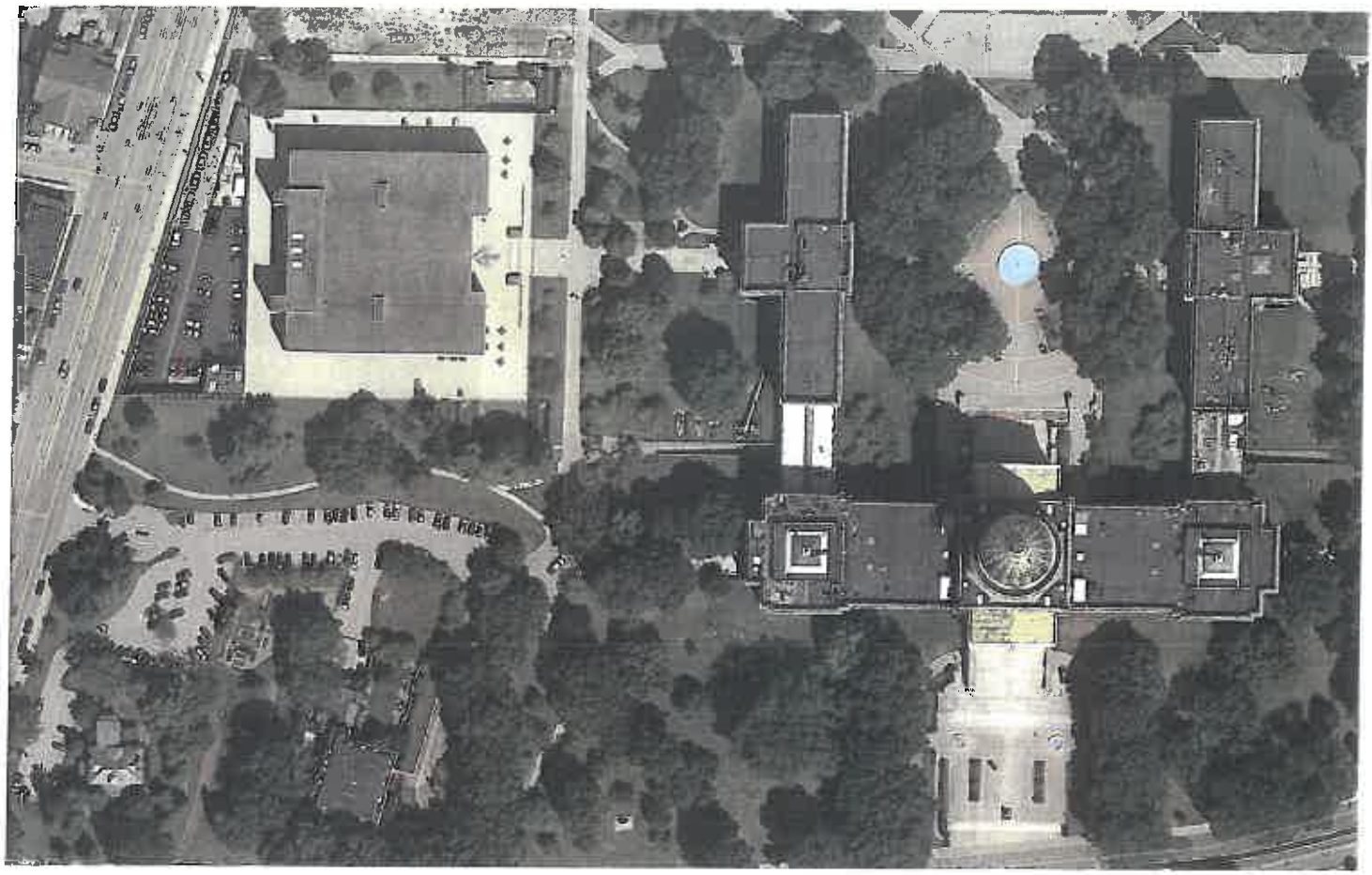
COMPANY OVERVIEW & AWARDS



Upper Big Branch Miners Memorial
WV ASLA Honor Award, 2012

Nuttallburg Historic Mining Complex
WV ASLA Merit Award, 2012

PROJECT APPROACH



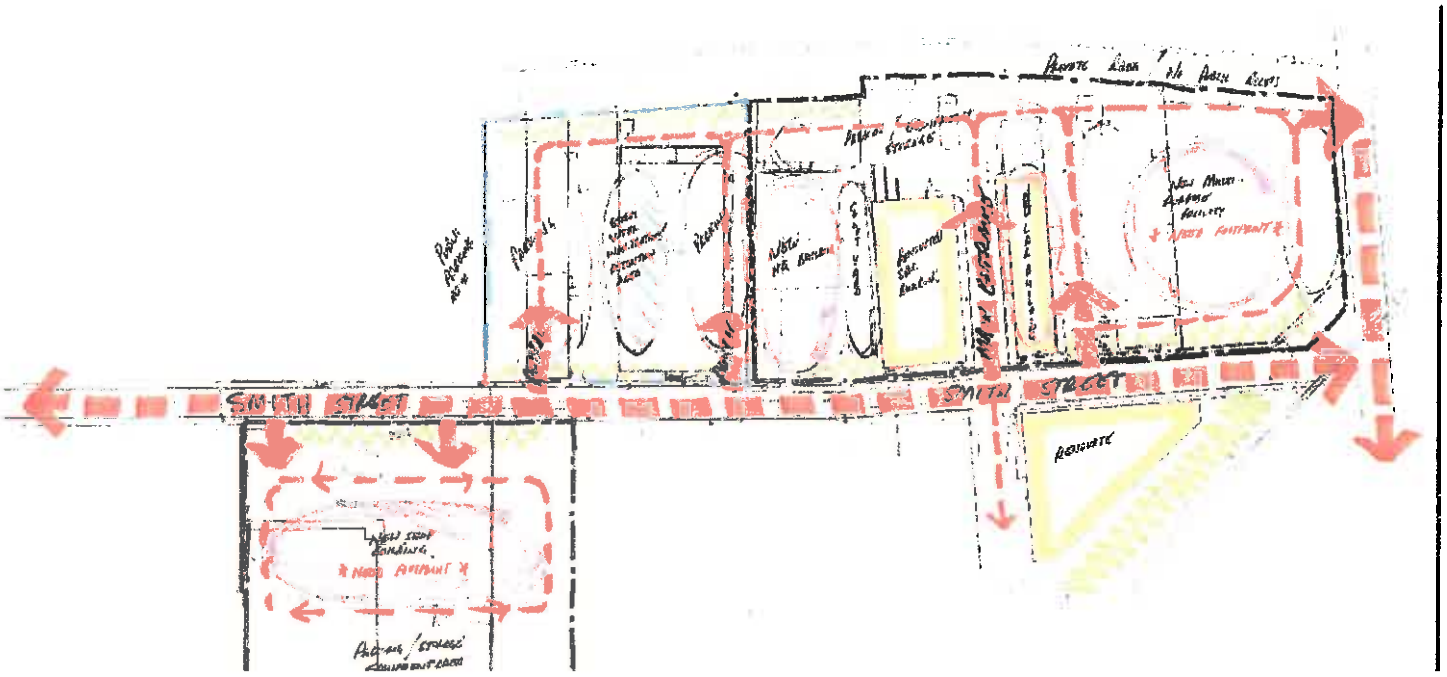
Understanding the Hardscape

Planning and designing the restoration of the hardscape of the West Virginia Capitol Campus requires not only an understanding of pavement types and construction techniques, but also knowledge of pedestrian and vehicular traffic patterns. Users of the Capitol Campus are many and varied and include Capitol workers whose negotiation of the campus is on a subconscious level, as well as tourists and visitors who are unfamiliar with the campus layout and rely on signage and intuition to navigate through it. It is important to understand, therefore, that pavement surfaces and associated hardscapes exist not only to provide firm footing, but can also serve to as a subconscious map to intuitively guide people from one place to another. The layout and design of different pavement types can help accomplish this goal.

Base Mapping and Documentation

One of the early tasks is to create a document to serve as the base map upon which the evaluation of existing surfaces and the planning of improvements is based. This may be accomplished on existing mapping, or if necessary, new surveying and data collection. For evaluation purposes, the level of detail required is not as great as that for construction documents.

While the base mapping is being produced, other pertinent documentation can be assembled, including the current campus master plan and any historic documents relating to the design of the capitol and subsequent campus development.



Circulation Analysis

An understanding of the circulation patterns of both pedestrians and vehicles will aid in the evaluation of pavement surfaces and will guide recommendation regarding pavement restoration. Therefore, an early task will be documentation of the existing circulation patterns.

Surface Evaluation

Once the base documentation is complete, the surface evaluation can begin. This is necessarily a step-by-step process, requiring first-hand visual observation of all of campus surfaces. Deficiencies will be noted on the base map, along with an accompanying narrative description, including

- Vertical discontinuities (tripping hazards)
- Horizontal discontinuities (joint failures)
- Adverse slope conditions,
- ADA deficiencies
- Imminent pavement failures
- Latent pavement structure deficiencies
- Drainage issues
- Potential vehicle-pedestrian conflicts
- Vehicle maneuverability issues
- Emergency vehicle access
- Effects of vehicles on pedestrian pavements
- Alternative transportation accommodations

Assessment of Restoration Work

Pavements that are used extensively for vehicular traffic will be evaluated more thoroughly, including a geotechnical investigation of the existing pavement structure, as well as subgrade conditions. These investigations will guide the recommendations for pavement restoration in these areas.

Once the evaluations are complete, each area will be assessed to determine the work involved in making the necessary repairs. In this phase of the project, we will offer our thoughts on what makes sense with regard to constructibility and achieving the overall project goals. We will provide a preliminary opinion of construction costs, then meet with you and incorporate your goals, objectives, and constraints and start to formulate a prioritized project list.

Prioritization of Work

Establishing clear priorities and defined projects will likely be an iterative process as we evaluate the impacts of each project and determine where it makes sense to start and stop each project. We will not only take into account construction and budget issues, but we will also consider the continued use of the campus during construction and the overall safety and convenience of the users.

Reviews

Chapman Technical Group will participate in reviews as necessary to gain approval of the projects. We have extensive experience in working with the State Historic Preservation Office and maintain a positive working relationship with them.

Final Report

The Final Report will consist of a clear and concise narrative outlining the logic behind the evaluations, along with a written description of each area considered, keyed to an overall site plan, as well as detailed site plans as may be required to illustrate the issues of each area.

Typical construction details can be provided, and where warranted, suggested details on how to address unique situations.

An opinion of construction cost will be included in the priority listing of projects, along with a logical sequencing of implementation.

Construction Documents

If this option is exercised, we will develop construction and bidding documents to allow for construction of the priority projects. We will work with Department of Administration to determine phasing and appropriate bid alternates to ensure that the project stays within budget. We have worked with the Division of Purchasing on many projects and understand their means and methods of procuring construction work. We have personnel available for whatever level of construction administration may be desired.

LANDSCAPE ARCHITECTURE

WV Division of Highways

District One Campus Master Plan

Charleston, West Virginia

Chapman Technical Group worked with the West Virginia Division of Highways team to create the master plan for the redevelopment of its District 1 campus in downtown Charleston.

Chapman Technical Group's architects evaluated several existing buildings and determined which ones could be renovated and which were beyond their useful lives and should be demolished. They also provided all of the necessary documentation to the State Historic Preservation Office for the historic structures.

Chapman Technical Group then developed a phased development plan to prioritize demolition projects, new building construction and renovations. All activities had to be planned so that the operations of the District could continue uninterrupted.

As part of the infrastructure upgrades, Chapman Technical Group designed all parking and vehicular circulation, as well as all of the utility upgrades. The campus also suffers from occasional flooding so Chapman Technical Group designed a stormwater detention system to help alleviate flooding.

The final phase of the project will be the design of a streetscape including underground utilities, decorative paving and site amenities. Chapman Technical Group initiated coordination with the City of Charleston which resulted in a cooperative effort to provide a comprehensive streetscape beyond the boundaries of the District 1 campus project.

The project will be completed over the course of several years.

LANDSCAPE ARCHITECTURE

Robert C. Byrd Federal Courthouse and IRS Complex

Beckley, West Virginia

Working with Project Architect Robert A. M. Stern of New York and Einhorn Yaffee and Prescott of Washington, D.C., Chapman Technical Group provided the design and construction services for Phase I excavation, shoring and existing utility relocations in support of Phase II building construction. Phase II design and construction services included all site civil and site structural engineering and landscape architectural design including site grading and drainage, storm and sanitary sewage systems, retaining walls, underground electric and communication systems, natural gas supply, potable water and fire services, roads, parking facilities, pedestrian circulation, and site security enhancements.

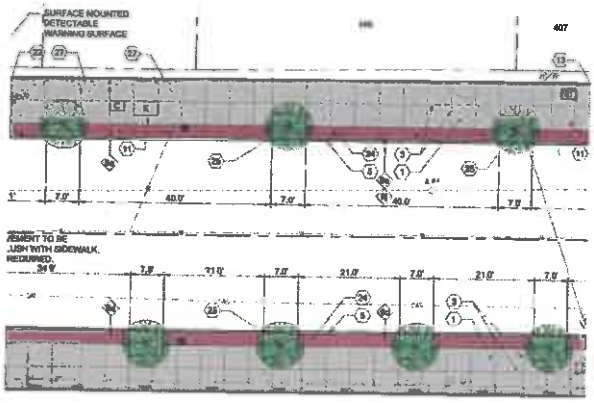
LANDSCAPE ARCHITECTURE

engineering | architecture | geospatial

6th Street Reconstruction

Covington, Kentucky

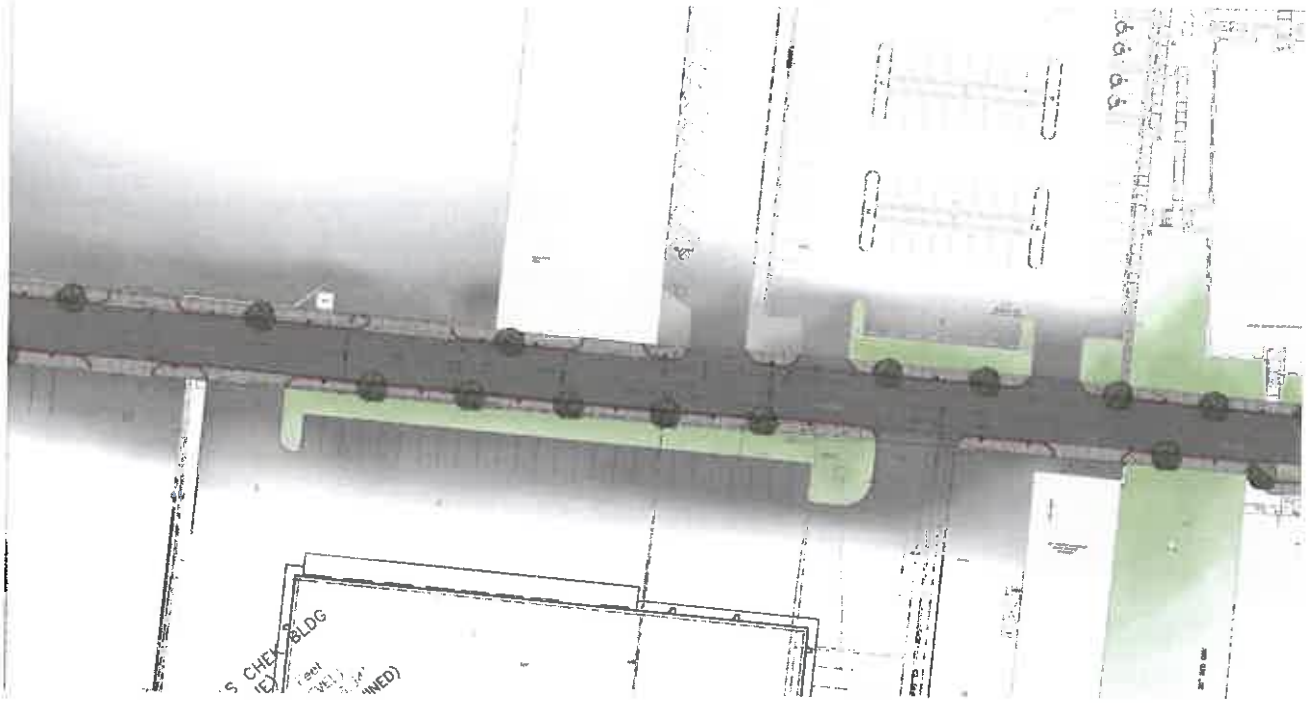
GRW staff is finalizing plans for this LPA project in which includes reconstruction of the sidewalks and curbs on several blocks of 6th Street and Scott Boulevard. The project includes new ADA curb ramps, new street lighting, signage, and other amenities. All of the overhead utilities will be placed underground as part of the project and includes major utility work in Electric Alley.



Existing basement vaults were evaluated for their impact on the project and some vaults no longer in use will be filled with low-strenght concrete. Abandoned coal chutes will be marked with historic markers to presereve the cultural heriatge of the area. New traffic signal mast arms were also designed as part of the project.

GRW staff have worked closely with City of Covington and KYTC personnel as well as the various utility companies involved to produce an accurate plan set.

LANDSCAPE ARCHITECTURE



Smith Street Streetscape

Charleston, West Virginia

As part of the redevelopment of the WV Division of Highways District One campus, Chapman Technical Group developed a master plan for the headquarters complex. In addition to new and renovated buildings, new parking facilities and sidewalks were part of the plan. In order to provide a cohesive pedestrian environment, a streetscape will be developed that includes not only WV DOH property, but the entire block of Smith Street from Morris Street to Ruffner Street.

The expanded project now includes the City of Charleston as a sponsor. The streetscape will follow the pattern established in previous Charleston East End project and includes street lights, trees, and decorative brick bands. Concepts were also developed to provide screening of vast areas of unoccupied parking lots.

LANDSCAPE ARCHITECTURE

City of St. Albans

Streetscape Concept Development

Sixth Avenue
St. Albans, West Virginia

As members of the volunteer organization, the St. Albans Renaissance Group, Chapman Technical Group personnel conceived, wrote grants, and provided oversight for the first two phases of the Transportation Enhancement Grant projects. Due to concerns of a conflict of interest, Chapman Technical Group did not pursue the actual design of the first two phases of the project, which was provided by another consultant. Chapman Technical Group personnel wrote successful grants for the third and fourth phases and the West Virginia Division of Highways determined that because Chapman Technical Group served as the City Engineer for St. Albans, it was completely appropriate for Chapman Technical Group to provide design services.

LANDSCAPE ARCHITECTURE

engineering | architecture | geospatial

City of St. Albans

Streetscape Phase III

St. Albans, West Virginia

As members of the volunteer organization, the St. Albans Renaissance Group, GRW personnel conceived, wrote grants, and provided oversight for the first two phases of the Transportation Enhancement Grant projects. With the third phase, GRW also provided design services. The project consisted of sidewalk replacement, ADA accessible corners, landscaping, and pedestrian-scale period street lighting. The project was constructed using City force-account labor which allowed for much more construction than would have been possible with a conventional contractor-bid project. The City is continuing its downtown revitalization in subsequent phases.

LANDSCAPE ARCHITECTURE

Upper Big Branch Miners Memorial

Whitesville, West Virginia

The Upper Big Branch Miners Memorial was designed by Chapman Technical Group as a way to honor the memory of 29 miners who died in the April 5, 2010 disaster.

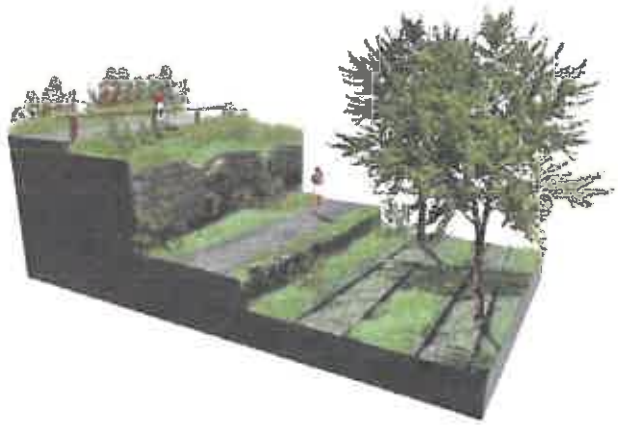
The centerpiece of the memorial is a 48-foot long, 8-foot high, granite monument cut to reflect the mountains of West Virginia and etched with silhouettes to represent the lost miners. The back of the monument is etched with the miner tributes and the history of mining in West Virginia. Other smaller tributes and memorials are located within the memorial park. The memorial was designed to be very visible from the highway and yet also provides intimate spaces for quiet contemplation and opportunities for learning about West Virginia's coal heritage.

LANDSCAPE ARCHITECTURE

Nuttallburg Mine Complex

New River Gorge, West Virginia

Nuttallburg was the site of an old coal town built around a mining complex in the New River Gorge National Park. As a National Park Service project, the area was rehabilitated to allow visitors to explore the ruins of the town and mine operation. Although accommodations were developed for the visitors, care was taken to maintain as much of the site in the same condition as it might have been when the mine was still functioning. On-site materials were used as much as possible and new materials were selected that would "age" quickly to reflect the historic nature of the site. Chapman Technical Group provided landscape architectural and site design services.



LANDSCAPE ARCHITECTURE

engineering | architecture | geospatial

Renaissance Square

Hinton, West Virginia

A vacant corner lot in downtown Hinton, West Virginia was an ideal location for a multi-use public space. GRW developed a concept that would allow the space to be used for special events ranging from concerts to cultural heritage gatherings.

The topography of the site allows for vertical separation of spaces, which are used in the concept to create separate outdoor rooms. These spaces have different characteristics and allow for a diversity of uses.

ARCHITECTURE

American Institute of Architects, Merit Award, 2010

WV DOT Division of Highways

Burnsville Rest Area

Burnsville, West Virginia

The Burnsville Rest Areas are the first of the new standard rest areas to be built around the state for the West Virginia Department of Transportation. A dual-facility layout ensures that demand will be met for many years. Native materials, including smooth cut and rough stone, were used inside and out. Low maintenance but highly durable materials, such as the tern-coated stainless steel roof and the epoxy terrazzo floor, were used throughout. The design plays off of West Virginia imagery and creates safe, warm, and welcoming spaces. Separate maintenance and vending buildings complement the main structures.

ARCHITECTURE

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 orginal doors and transoms, while providing energy-efficient and cost effective systems throughout. In addition to a complete interior makeover that included a historic information center and radio studio, the building also received new exterior doors, windows, roofing and a new elevator. A skywalk connects the building to a new Headquarters Building being constructed beside the SRC Building. A courtyard was also constructed for employee use.

ARCHITECTURE

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 the plaza renovated to 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 Archtitecture.

Dome Restoration Detail

Joseph E. Bird, ASLA

Vice President
Project Officer

Years of Experience: 38
Years with Chapman: 31

Education
B.S., Landsape Architecture, 1978
West Virginia University

Registration
Architect: WV, KY

Affiliations
Council of Landscape Architectural Registration Boards

WV Chapter, American Society of Landscape Architects

Experience

Joe has been involved in a wide range of projects in his 30+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from campus development projects to ski area renovations. His experience includes coordinating the efforts of various local, state, and federal agencies.

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.

Roger Kennedy, ASLA
Landscape Architect

Years of Experience: 27
Years with Chapman: 26

Education
B.S., Landsape Architecture, 1990
West Virginia University

Registration
Landscape Architect: WV, KY

Affiliations
Trustee, WV Chapter, American Society of Landscape Architects

Past President, St. Albans Rotary

Assistant Cubmaster, BSA Pack 146

Member, Sigma Lambda Alpha Honor Society of Landscape Architects

Awards

WV Division of Highways Engineering Excellence:
WV Route 10
2013, 2011, 2000
Corridor H
2013

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.

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.

Stephen (Mike) Johnson, P. E.

Civil/Environmental Group Manager

Years of Experience: 11
Years with Chapman: 9

Education

B.S., Civil Engineering, 2004
West Virginia Unversity
Institue 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

Experience

Mike's overall experience includes planning, design, bidding, and construction administration/management of various public and private water and wastewater systems throughout West Virginia, Virginia, and North Carolina. His specific potable water experience includes distribution systems, river crossings, horizontal directional drills, wells, raw water intakes, treatment plants, water storage tank design, computer modeling, treatment process evaluation, and problem troubleshooting in existing systems.

His wastewater experience includes gravity and low-pressure collection systems, pump stations and force main transmission systems, treatment plant process evaluation and design, trenchless pipeline rehabilitation, bypass pump system design, odor and corrosion control, effluent infiltration ponds, and alternative on-site disposal systems.

WV DOH District One Projects; Charleston, WV
Project Engineer for various site development projects on the West Virginia Division of Highways District One campus, including domestic and fire suppression water systems, sanitary sewer systems, and stormwater management.

WV American Water Company Projects; various locations, WV
Project Engineer for the design of water distribution systems, water storage, and wastewater systems for West Virginia American Water Company.

Phillip A. Warnock, NCARB, AIA
Project Architect

Years of Experience: 23
Years with Chapman: 12

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

Registration
Architect: WV, KY

Affiliations
National Council of Architectural Registration Boards

WV Chapter, American Institute of Architects

Awards
Honor Award, WV AIA
Upshur County Courthouse

Merit Award, WV AIA
I-79 Burnsville Rest Area

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

Experience

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

WV 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 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 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.

Jason E. Brown, P.S.
Professional Surveyor

Years of Experience: 20
Years with Chapman: 5

Education
A.S., Land Surveying, 2002
Glenville State College, WV

Registration
Professional Surveyor: WV, KY, VA

Affiliations
WV Society of Professional Surveyors

Experience

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.

Schools
Associated surveying for new schools, additions, athletic fields, and sidewalks projects.

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.

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.