



September 13, 2019

RECEIVED

2019 SEP 13 AM 10:29

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

WV PURCHASING
DIVISION

**Re: A/E Services for
Capitol Complex Hardscape
Repairs Project**

Dear Selection Committee:

Chapman Technical Group is most interested in providing the required A/E services for Capitol Complex Hardscape Repairs Project. We have developed a good working relationship with the General Services Division as we have developed Capitol hardscape projects including the initial Capitol Hardscape Evaluation project and subsequent construction projects such as the California Avenue Sidewalk Replacement and the Entrance Plaza Repairs. We look forward to seeing the Lincoln Plaza project through construction as well. In the development of these projects, we have gained a thorough understanding of the goals and objectives of GSA, and the detailed requirements of the hardscapes. Our architects are well-versed in historical standards and have designed projects to respect the deep history of our state capitol.

It's hard to imagine that any firm could have more knowledge of the hardscape issues than Chapman Technical Group. Our project team has already spent countless hours walking and documenting virtually every square foot of the campus. We have developed appropriate design solutions and have even estimated construction costs. We are ready to put that knowledge into the next construction project. With regard to fountain repair design, we have worked with special consultants and designed repairs to the two fountains on the Lincoln Plaza, and our engineers are very experienced in the design of water filtration systems that are appropriate for public fountains.

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 objectives. 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
Senior Vice President

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Lexington, KY

www.chaptech.com

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STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

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

DEFINITIONS:

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

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Chapman Technical Group

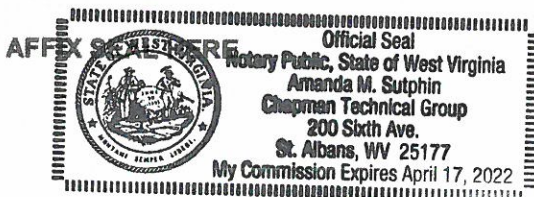
Authorized Signature: [Signature] Date: 9-13-2019

State of West Virginia

County of Kanawha, to-wit:


Taken, subscribed, and sworn to before me this 13th day of September, 2019.

My Commission expires April 17, 2022.



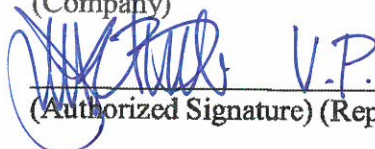
NOTARY PUBLIC [Signature]

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 V.P.
(Name, Title)
Joseph E. Bird, Senior Vice President
Joseph E. Bird, Senior Vice President
(Printed Name and Title)
200 Sixth Avenue, St. Albans WV 25177
(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 E. Bird, Senior Vice President
(Printed Name and Title of Authorized Representative)

9-13-2019
(Date)

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD2000000002

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:

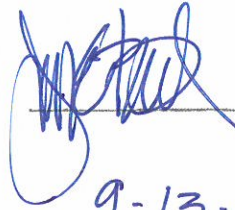
(Check the box next to each addendum received)

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

9-13-2019

Date

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

COMPANY OVERVIEW & AWARDS



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

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

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

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

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

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

COMPANY OVERVIEW & AWARDS



SRC Building Renovation
WV AIA Merit Award, 2016
Historic Preservation

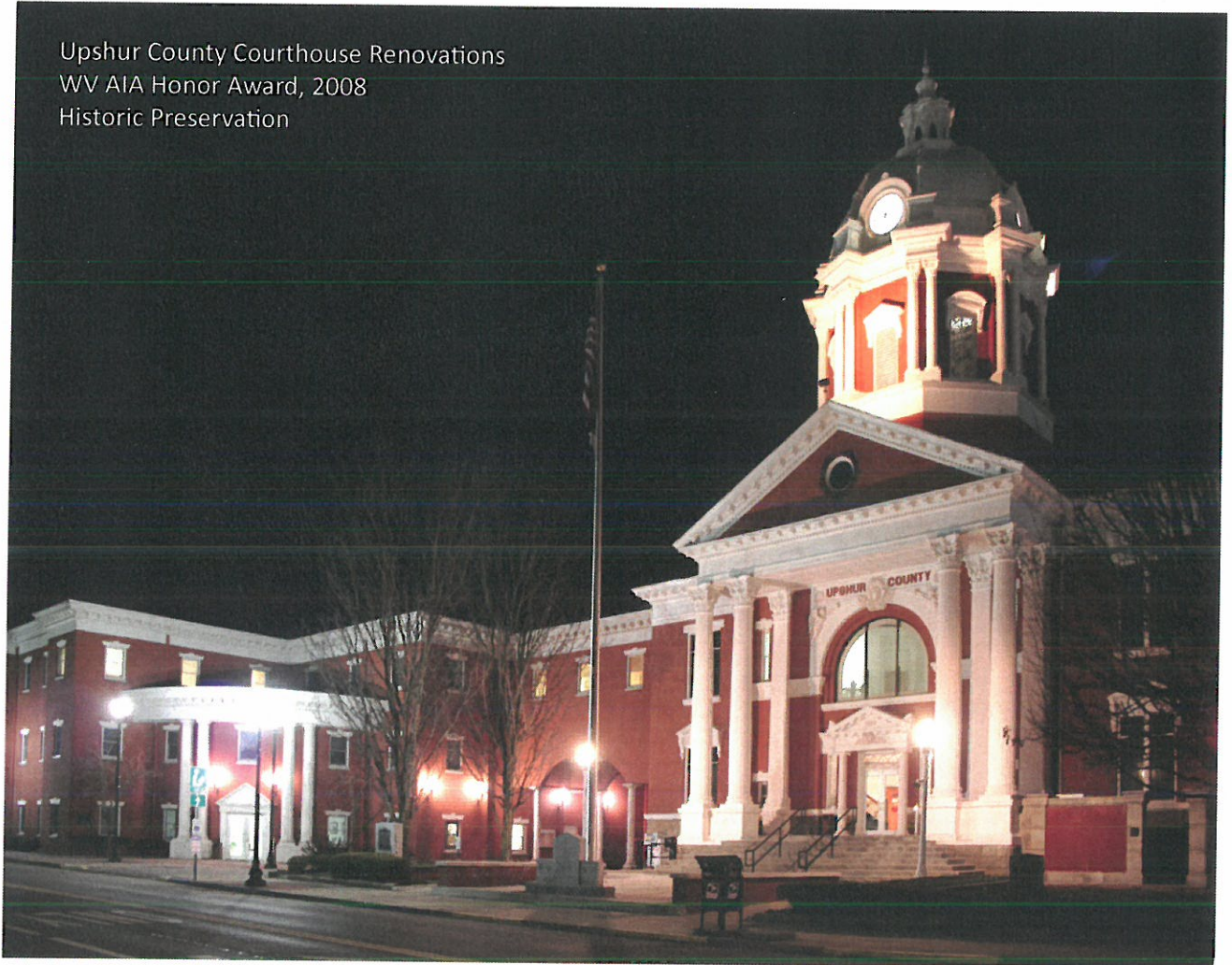


I-79 Rest Area
AIA Merit Award, 2010

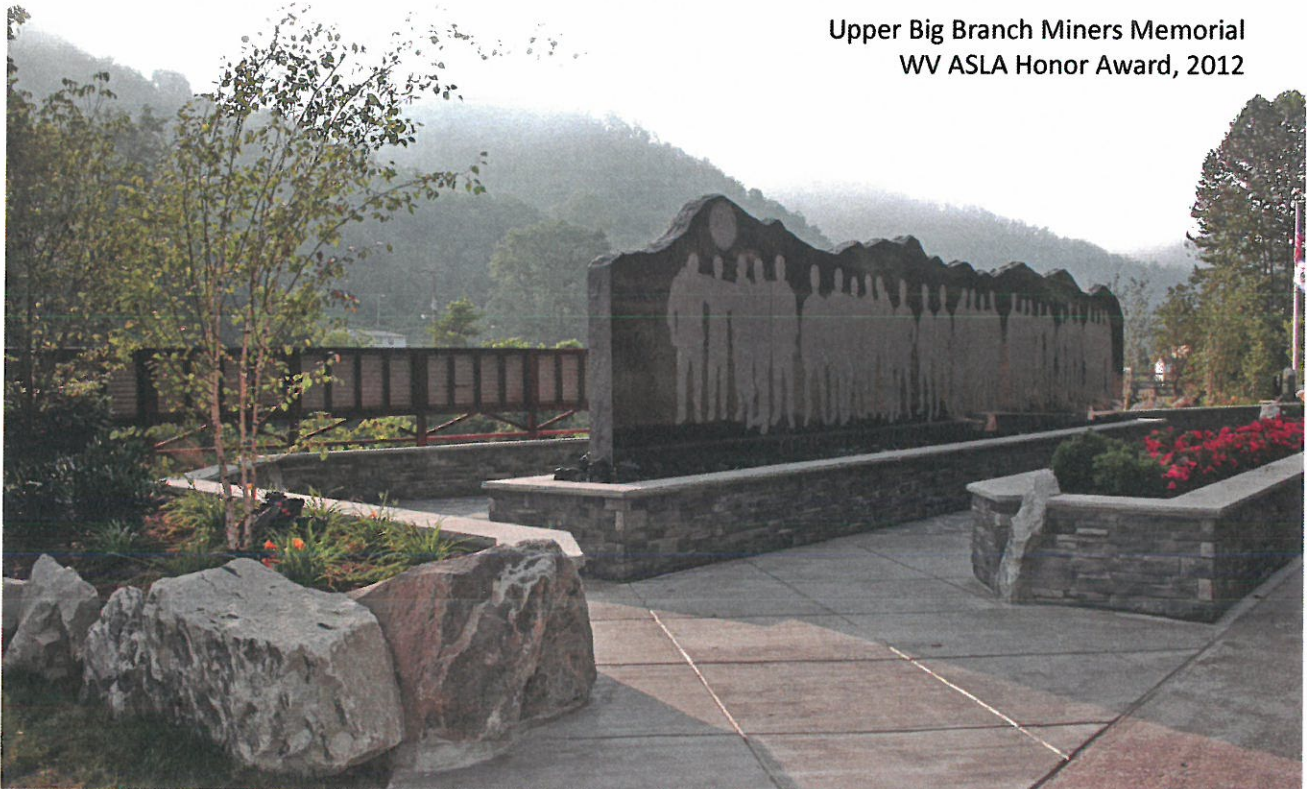
COMPANY OVERVIEW & AWARDS



Upshur County Courthouse Renovations
WV AIA Honor Award, 2008
Historic Preservation



COMPANY OVERVIEW & AWARDS

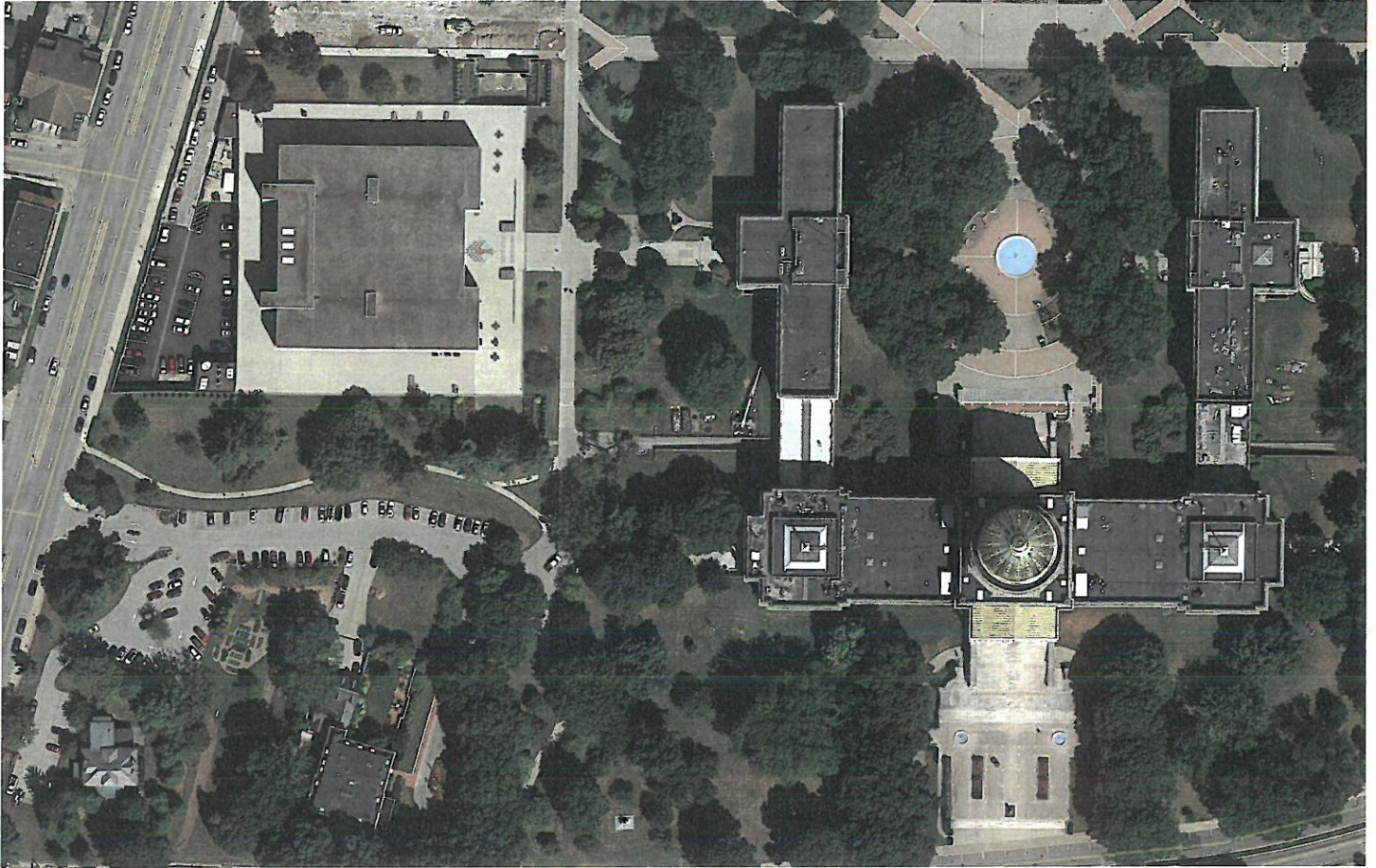


Upper Big Branch Miners Memorial
WV ASLA Honor Award, 2012



Nuttallburg Historic Mining Complex
WV ASLA Merit Award, 2012

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

In the preparation of the Capitol hardscape master plan, Chapman Technical Group developed aerial mapping that is adequate for the use of spot repairs. In fact, nearly all of the spot repairs have already been identified on the master plan base mapping.

The next phase of major improvements will require detailed field surveying to ensure drainage issues are addressed. Chapman Technical Group survey crews will provide the required surveying and base map development.

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.

Fountain Rehabilitation

The main fountain in the north plaza area is in need of rehabilitation and requires a more effective and efficient filtration system. Chapman Technical Group's engineers will work with fountain consultants to develop solutions that respect the historical nature of the fountain while providing much-needed modern filtration and control systems. It is anticipated that an underground vault will be incorporated in the design.

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.

Construction Documents

Chapman Technical Group 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.



Suggested enhancement to primary pedestrian corridor.

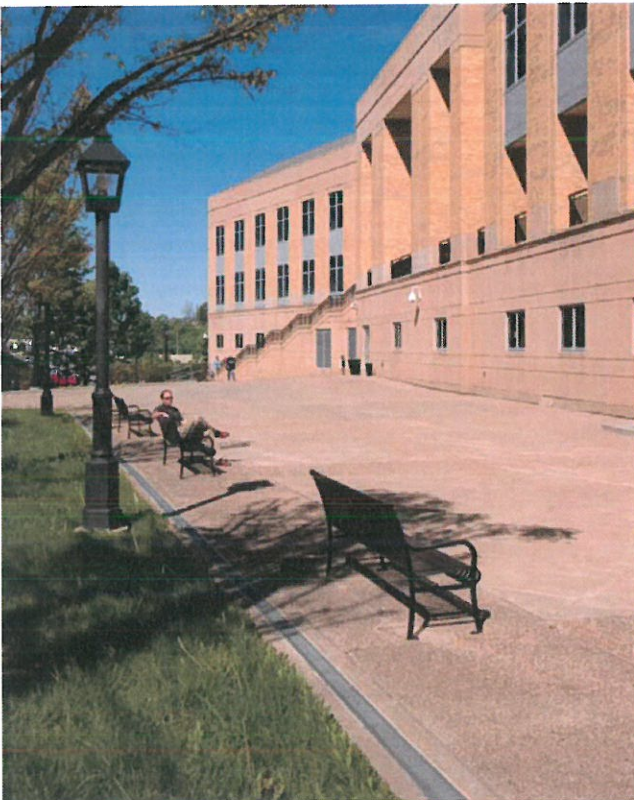
West Virginia Capitol Hardscape Evaluation

West Virginia Department of Administration
Charleston, West Virginia

The West Virginia Department of Administration engaged Chapman Technical Group to do a detailed review and evaluation of all aspects of the Capitol campus hardscape. The evaluation identified trip hazards, drainage issues, ADA accessibility issues, and made recommendations to correct the issues. The report also suggested enhancements to the hardscape which could improve the functional circulation for vehicles and pedestrians, and enhancements which could improve the aesthetic appeal of the Capitol campus.



Existing primary pedestrian corridor.



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.



West Virginia Capitol Plaza Repair Project **West Virginia Department of Administration** Charleston, West Virginia

As part of the ongoing State Capitol hardscape repairs, Chapman Technical Group designed repairs to the historic entrances to the main capitol building. Limestone pavers had deteriorated and needed to be replaced. The design included a reinforced concrete base for the new limestone pavers to withstand occasional vehicular traffic. The project also included repair and replacement of historic granite stairs leading to one of the entrances to the Capitol East Wing.



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.

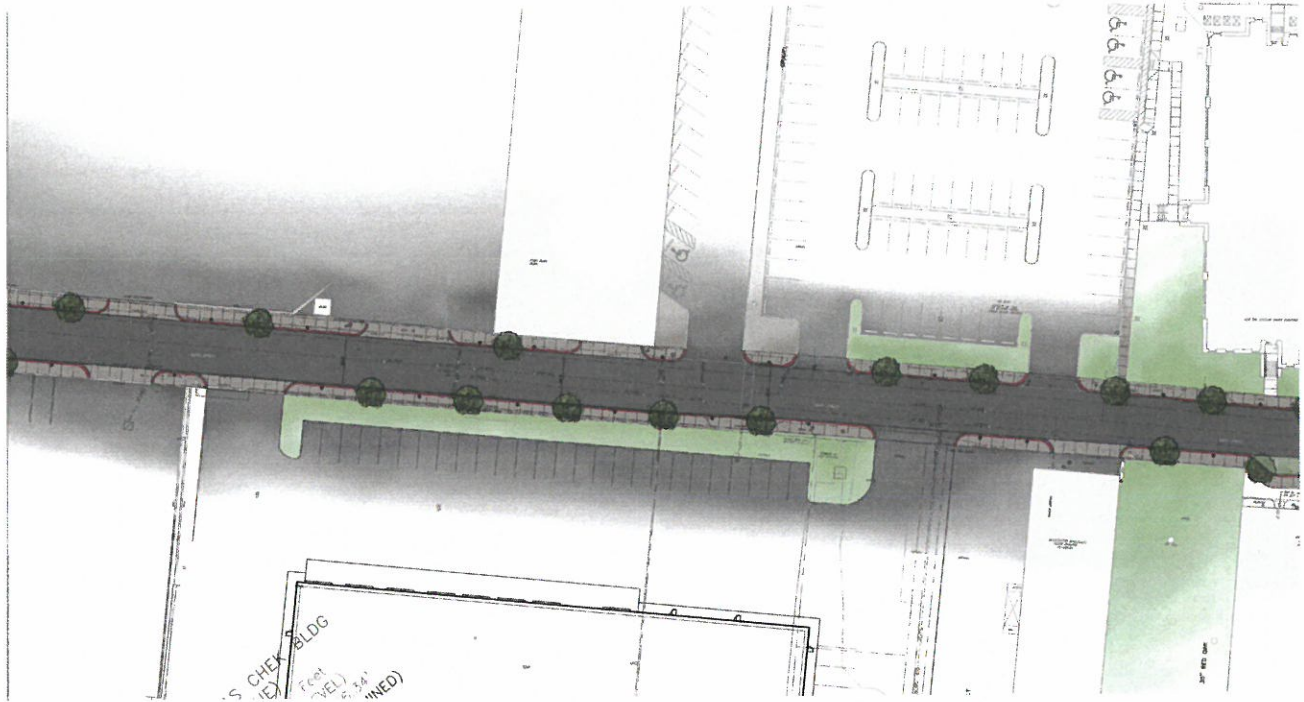
Chapman Technical Group then developed a phased development plan to prioritize demolition projects, new building construction and renovations. All activities had to be planned so that the operations of the District could continue uninterrupted.

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



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.



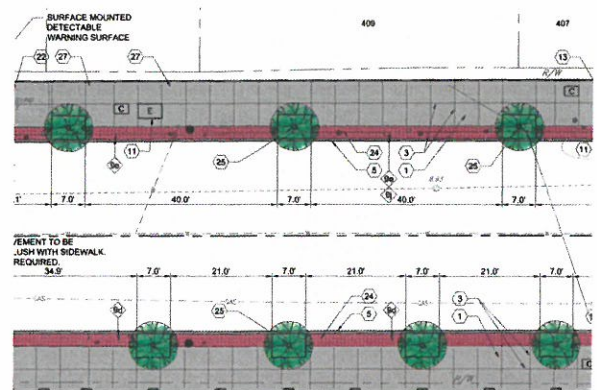


6th Street Reconstruction Covington, Kentucky

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-strength concrete. Abandoned coal chutes will be marked with historic markers to preserve the cultural heritage 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.

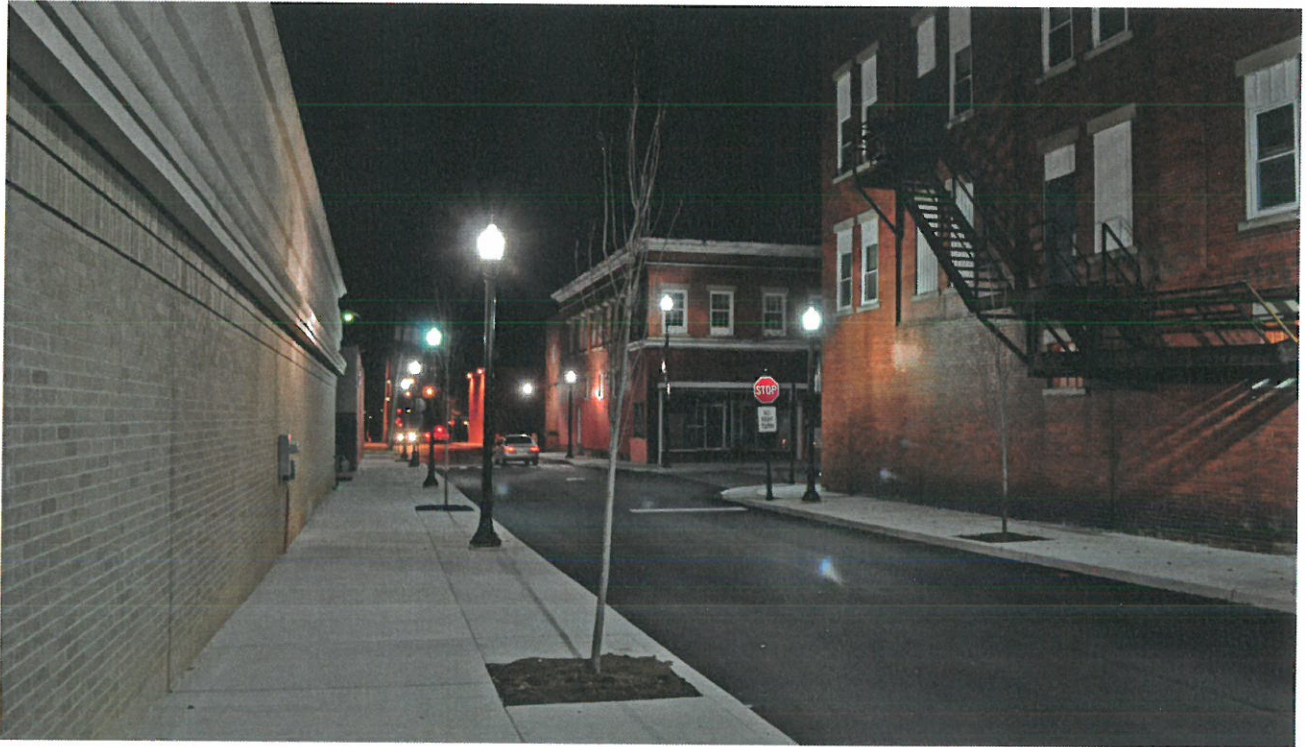




City of St. Albans Streetscape Concept Development Sixth Avenue St. Albans, West Virginia

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.





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.

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.





Joseph E. Bird, ASLA

Senior Vice President Project Manager

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.

Years of Experience: 40
Years with Chapman: 33

Education

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

Registration

Architect: WV, KY

Affiliations

Council
of Landscape
Architectural
Registration Boards

WV Chapter,
American Society of
Landscape Architects

WV DOH District One Master Plan; Charleston, WV

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

Smith Street Streetscape; Charleston, WV

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

Covington Streetscape Project; Covington, KY

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

Scottsville Streetscape Project; Scottsville, KY

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

WV DOH Alternative Transportation Projects

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



Roger Kennedy, ASLA

Landscape Architect

Experience

Roger has a very diverse professional background, having been involved in parks and recreation projects, highway design, stormwater management, and trail and streetscape design. Other experience includes the use of various civil design software packages for use in site development and road design, digital terrain modeling, hydraulic analysis and related computer aided design tools, as well as the development and management of the computing resources of the company.

Years of Experience: 29
Years with Chapman: 28

Education

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

Registration

Landscape Architect: WV,
KY

Affiliations

President, WV Chapter,
American Society of
Landscape Architects

Member, St. Albans Rotary
Club

Cubmaster, Cub Scout
Pack 146

Member, Sigma Lambda
Alpha Honor Society of
Landscape Architects

Awards

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

WV DOH Alternative Transportation Projects

Project Manager and Designer for the Alternative Transportation and Trail projects throughout West Virginia, including sidewalk projects, streetscape projects, and recreational trail projects. Current projects include Shepherdstown Multi-use Trail Project, Poca Sidewalk Project, Lewisburg Route 219 Sidewalk Project, Lewisburg L&R Trail Project, Lewisburg Civil War Trail Project.

Chief Logan State Park Cabin Access Road; Logan, WV
Project Landscape Architect for a new 1700-foot access road serving three new cabins for the West Virginia Division of Natural Resources. The project included utility design, stormwater management, and extensive erosion and sediment control.

Meadow River Trail; Greenbrier and Fayette Counties, WV
Project Landscape Architect for a multi-use rail trail being developed by the Greenbrier and Fayette County Commissions in West Virginia as a Recreation Trail Project administered by the West Virginia Division of Highways. The project includes the rehabilitation of 17 miles of compacted aggregate trail and six railroad trestles, which will be rebuilt to accommodate pedestrian, bicycle and equestrian traffic. After the initial design was complete, seasonal floods damaged the existing trail. Working with FEMA and the County Commissions, the project scope was expanded to include flood damage repair.

WV DOT Highway Projects

Responsibilities include the design of horizontal and vertical road alignments, superelevation design, intersection layout, slope design and quality control review. Projects include several multi-lane highways and bridges throughout West Virginia.



Kelly Estep, ASLA Project Manager

Experience

Construction Industry

Kelly has been involved in the design and construction industry. For 13 years, she worked in commercial construction as a Project Manager. She managed design-build and design-bid-build projects for private entities and State agencies. Significant projects included WV Department of Environmental Protection Headquarters building, two University of Charleston resident housing projects, and a multi-agency office building for the WV Department of Health & Human Resources. Working with clients, designers, and subcontractors, Kelly coordinated design-build projects from conception to completion. She managed project design development, monitored budgets, issued contracts, developed and maintained the project schedule. She worked with project superintendents to coordinate subcontractors, submittals, and material purchases.

Years of Experience: 26
Years with Chapman: 1

Education

West Virginia University
BS Landscape Architecture,
1993

Design

Kelly recently joined Chapman Technical Group as a designer and Project Manager. Her experience with CTG includes curb ramp and sidewalk replacement projects throughout West Virginia, bio-retention and rain gardens, and streetscapes.



Phillip A. Warnock, NCARB, AIA Project Architect

Experience

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

Years of Experience: 26
Years with Chapman: 15

Education

B.S., Architecture, 1995
University of Tennessee

Registration

Architect: WV, KY, IN, TN

Affiliations

National Council
of Architectural
Registration Boards

WV Chapter,
American Institute
of Architects

Awards

Honor Award, WV AIA
Upshur County Courthouse

Merit Award, WV AIA
I-79 Burnsville Rest Area

Merit Award, WV AIA
State Road Commission
Building

Publications

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

WV DOH District One Historic Architect; Charleston, WV

Responsible for documenting historic structures for submission to the West Virginia State Historic Preservation Office in conjunction with the redevelopment of the District One campus.

WV DOT Rest Areas and Welcome Centers

Project Architect for the design 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.



David C. Hoy, P. E. Civil/Structural Engineer

Experience

Dave is experienced in the design of various building structural systems including timber, concrete, steel, and masonry construction, as well as foundation design, including deep foundation systems. He has provided structural engineering on a variety of structures including schools, office buildings, recreation facilities, and water and wastewater treatment structures.

Years of Experience: 12
Years with Chapman: 11

Education

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

Registration

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

Affiliations

Chi Epsilon, National Civil
Engineering Honor Society

ASCE, Member

WVDNR Elk River and Handley WMA Storage Buildings

Responsible for the structural design of two storage buildings to include a heated maintenance bay, unheated storage bays, and a boat storage bay, along with offices, bunk rooms and support facilities.

District One Equipment Shop Building; Charleston, WV

Project Structural Engineer for the design of the new \$10 million vehicle equipment shop building for District One which includes multiple service bays, parts storage, welding shop, and offices. Design included pre-cast concrete wall panels, deep foundations to bedrock, and grade beams.

Pocahontas Wellness Center; Marlinton, WV

Project Structural Engineer for a 13,000 square-foot community wellness center, constructed adjacent to but separate from the existing Marlinton Elementary School.

Clay County High School Bus Garage; Clay, WV

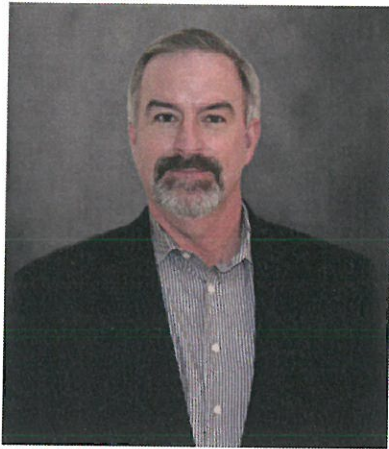
Project Structural Engineer for the design of new bus maintenance garage including to maintenance bays, one bus wash bay, parts storage, tire storage, and drivers lounge. Project included inventory of existing equipment and specification of new maintenance equipment. Project included the design of deep foundations to bedrock.

State Road Commission Building; Charleston, WV

Project Structural Engineer for the renovation of the historic State Road Commission Building for the West Virginia Division of Highways. The 40,000 square-foot building houses offices and support facilities for the local highway district.

Tube Park Lodge; Canaan Valley, WV

Project Structural Engineer for the a new timber-frame tube park lodge at Canaan Valley Resort State Park



Robert G. (Greg) Belcher, P. E. Senior Vice President

Experience

Transportation Projects

Design and project management for large highway and bridge projects, including major project for the West Virginia Division of Transportation such as WV Route 10. Corridor H, and several bridge projects. Also involved in the design and management of airport improvements projects throughout West Virginia.

Water Systems

Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 10 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, elevated pedestal tanks, and pre-stressed concrete tanks.

Wastewater Systems

Design and project management for numerous wastewater systems throughout West Virginia. Projects include new, secondary and tertiary wastewater treatment plants as large as 4.5 MGD, improvements to existing plants, small-flow treatment plants, new and rehabilitation of wastewater collection systems, and facility plan updates.

Years of Experience: 34
Years with Chapman: 30

Education

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

Registration

Civil Engineer: WV, OH, VA

Affiliations

WV Water Environment
Association
Contractor's Association of
WV
WV American Water Works
Association
WV Society of Professional
Engineers
WV American Council of
Engineering Companies
WVUIT Civil Engineering
Advisory Board
WV Qualifications Based
Selection Council

Awards

George Warren Fuller
Award, 2001



Jason E. Brown, P.S.

Professional Surveyor

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.

Years of Experience: 24
Years with Chapman: 9

Education

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

Registration

Professional Surveyor: WV,
KY, VA, PA

Affiliations

WV Society of Professional
Surveyors

REFERENCES



1. 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
2. Mr. Travis Knighton, P.E.
WV Department of Transportation
Division of Highways
1338 Smith Street
Charleston, WV 25301
(304) 356-3840
3. Mr. Joe Paxton, Superintendent
Clay County Schools
P.O. Box 120
Clay, WV 25043
(304) 587-4266
4. Mr. Dirar Ahmad, P.E.
West Virginia Division of Highways
1334 Smith Street
Charleston, WV 25301
(304) 558-9721