

DNR Law Enforcement New Boat Dock Parkersburg

West Virginia Division of Natural Resources

Solicitation Number CEOI 0310 DNR2300000003

Expression of Interest to Provide Professional
Architectural/Engineering Design Services



**Chapman
Technical
Group**

a division
GR





**Chapman
Technical
Group**
a division of
GRW

November 30, 2022

West Virginia Division of Natural Resources
Property and Procurement Office
324 4th Avenue
South Charleston, West Virginia 25303

**Re: A/E Services for
DNR Law Enforcement
New Boat Dock Parkersburg**

Dear Selection Committee:

Chapman Technical Group is most interested in providing the architectural and engineering services for a new boat dock for DNR Law Enforcement at Parkersburg. Our project team has completed many similar projects throughout West Virginia.

We will address the project goals as follows:

2.1 We will visit the facility, meet with appropriate DNR personnel, review existing documentation, and conduct a field survey, to develop a plan that will minimize disruption to the facility.

2.2 Designs will be executed to comply with applicable codes and standards, consistent with DNR needs and objectives and within the DNR budget.

2.3 We will provide construction administration services using the design professionals who designed the project.

3.1.a 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, Joseph Bird will serve as the Project Manager.

3.1.b Most of our WVDNR projects have been completed within budget, including the most recent boat access projects at Winfield and Guyandotte.

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

200 Sixth Avenue
Saint Albans, WV 25177

304.727.5501
304.727.5580 Fax

Buckhannon, WV
Lexington, KY

www.chaptech.com



Selection Committee
November 30, 2022
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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 solutions to manage costs associated with unforeseen conditions.

3.1.c We have completed many projects for the WV DNR within the allotted schedule, often with aggressive design and construction schedules. 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, work in West Virginia can be subject to extreme weather conditions which must be taken into consideration when scheduling construction activities. As always, it takes a coordinated effort from the Architect and the Owner to apply the appropriate pressure to keep the project moving expeditiously, while maintaining a positive relationship with the Contractor. We feel we have demonstrated that balance in past projects.

3.1.d The Chapman Technical Group team will include Joseph Bird, who will serve as Project Manager. Roger Kennedy has designed many boat access project for the WV DNR and will be the lead designer for the project. Chapman Technical Group will also provide mechanical/electrical and plumbing engineering. Carol Stevens, PE, will serve as our structural engineer.

You will find all 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.

Sincerely,

CHAPMAN TECHNICAL GROUP

Joseph E. Bird, ASLA
Vice President



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

State of West Virginia
 Centralized Expression of Interest
 Architect/Engr

Proc Folder: 1131449

Reason for Modification:

Doc Description: A&E - DNR Law Enforcement New Boat Dock Parkersburg

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2022-11-07	2022-11-30 13:30	CEOI 0310 DNR2300000003	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000207246

Vendor Name : Chapman Technical Group

Address : 200

Street : Sixth Avenue

City : Saint Albans

State : West Virginia

Country : USA

Zip : 25177

Principal Contact : Joseph E. Bird

Vendor Contact Phone: 304 727 5501

Extension: 154

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III

(304) 558-2306

Joseph.e.hageriii@wv.gov

Vendor Signature X

FEIN# 550704766

DATE 11/30/2022

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

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.

(Printed Name and Title) Joseph E. Bird

(Address) 200 Sixth Avenue, Saint Albans, West Virginia 25177

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

(email address) jbird@chaptech.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Chapman Technical Group

(Company) 

(Signature of Authorized Representative)

Joseph E. Bird, Senior Vice President 11/30/2022

(Printed Name and Title of Authorized Representative) (Date)

(304) 727 5580 (304) 727 5580

(Phone Number) (Fax Number)

jbird@chaptech.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GEOI 0310 DNR230000003

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 type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Chapman Technical Group

Company

Authorized Signature

November 30, 2022

Date

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

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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



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



Blennerhassett Island Landing **WV Division of Natural Resources** Parkersburg, West Virginia

Chapman Technical Group provided planning and design services for a new landing and docking facility at historic Blennerhassett Island State Park in Parkersburg, West Virginia. The new facility will serve vessels of varying types and sizes, ranging from small pleasure craft to sternwheelers.

The project included a new floating concrete dock and gangway, as well as mooring pilings for the State sternwheeler, the Island Belle.





WV Department of Natural Resources Winfield Boat Ramp Winfield, WV

The West Virginia Division of Natural Resources teamed with the City of Winfield to develop a \$1.6 million boating access on the Kanawha River near the Winfield Bridge. The extra-wide ramp will allow for two boats to be launched at the same time, and an ADA-compliant courtesy dock will allow for easy passenger access.

Parking for more than 50 cars and trailers will be provided. The site was designed using low-impact, green infrastructure techniques.





WV Department of Natural Resources/City of St. Albans St. Albans Boat Dock

St. Albans, WV

The West Virginia Division of Natural Resources teamed with the City of St. Albans to replace the boat dock at Roadside Park in St. Albans. The project also included modifications to the existing ramp to lengthen the run-off area. The parking area was completely rehabilitated and expanded.



Guyandotte Boating Access
WV Division of Natural Resources
324 4th Avenue
South Charleston, West Virginia 25303

The West Virginia Division of Natural Resources teamed with the City of Huntington to develop boating access on the Ohio River in the Guyandotte area of Huntington, West Virginia. An extra-wide ramp will allow for two boats to be launched at the same time, and an ADA-compliant courtesy dock will allow for easy passenger access.

Parking for more than 50 cars and trailers will be provided. The site was designed using low-impact, green infrastructure techniques.





City of Moundsville Boarding Dock Moundsville, West Virginia

The Moundsville Boarding Dock project consisted of the design and construction of an ADA accessible public courtesy dock to replace the existing dock. Four new accessible boat trailer parking spaces were included, along with a concrete accessible walkway from the parking down to the dock and ramp areas. A floating, pontoon-style debris barrier was installed upstream of the dock for the purpose of deflecting debris flow which could damage the dock. Stabilization and riprap armoring of the river bank in the immediate project area was also completed.





WV Division of Natural Resources

Nitro Boat Ramp

324 Fourth Avenue

South Charleston, West Virginia

In its ongoing program to develop fishing and boating opportunities around the state, the West Virginia Division of Natural Resources teamed with the City of Nitro to develop a boating access on the site of an old landfill along the Kanawha River.





Buffalo Boat Ramp West Virginia Division of Natural Resources Buffalo, West Virginia

Located on the Kanawha River in Putnam County, the old boating facilities near the Town of Buffalo had fallen into disrepair. A new self-cleaning boat ramp was designed, along with an ADA-accessible courtesy dock. Parking, drainage, and general access was also improved in the \$500,000 project.



LANDSCAPE ARCHITECTURE



Town of Pocahontas
Raymond City Fishing Pier
Pocahontas, West Virginia



The project consisted of a 30-space combined boat trailer and automobile parking lot, including handicapped parking; an ADA accessible ramp and railing; a stationary pile-driven fishing pier; and all required permitting.



**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.





Warden Lake Boating Facility
West Virginia Division of Natural Resources
Warden Lake, West Virginia

Warden Lake is a 44-acre impoundment located five miles north of Wardensville in Hardy County, West Virginia. The project includes a new boat ramp, an ADA accessible courtesy dock, and parking improvements.



LANDSCAPE ARCHITECTURE



Town of Poca Boat Ramp and Dock Poca, West Virginia



The project consisted of a 30 space combined boat trailer and automobile parking lot, including handicapped parking; an ADA accessible ramp and railing; a stationary pile driven fishing pier; and all required permitting.





Joseph E. Bird, ASLA

Senior Vice President Project Manager

Years of Experience: 43
Years with Chapman: 37

Education

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

Registration

Architect: WV, KY, IN

Affiliations

Council
of Landscape
Architectural
Registration Boards

WV Chapter,
American Society of
Landscape Architects

Experience

Joe has been involved in a wide range of projects in his 40+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from campus development projects to ski area renovations. His experience includes coordinating the efforts of various local, state, and federal agencies.

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.

Recent Relevant Experience

Old Central City Gazebo Space Redesign; Huntington, WV
Smith Street Streetscape; Charleston, WV
St. Albans C Street Plaza; St. Albans, WV
Scottsville Streetscape; Scottsville, KY
Meadow River Trail; Greenbrier County, WV
Clear Fork Trail; Raleigh County, WV



Roger Kennedy, ASLA

Landscape Architect

Years of Experience: 32
Years with Chapman: 31

Education

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

Registration

Landscape Architect: WV,
KY

Affiliations

Treasurer, WV Chapter,
American Society of
Landscape Architects

Member, St. Albans Rotary

Scoutmaster, Scouts BSA
Troop 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

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.

Site Design and Land Development

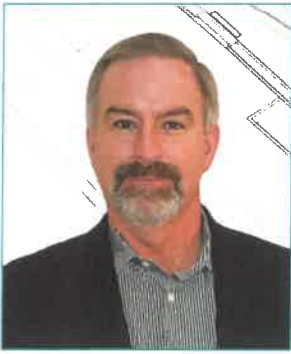
Responsibilities include grading design, site planning and layout, analysis of existing features and services, storm water design and management, erosion control, as well as project management. Projects include streets and sidewalks, trails, military complexes, banks, airports, subdivisions, boating facilities, fueling stations and other public facilities.

Recreation Design and Master Planning

Projects include pedestrian and multi-use trails; waterfront development; fishing and boating facilities; ski developments; sports fields; cabins and support facilities.

Recent Relevant Experience

Meadow River Trail; Greenbrier County, WV
Clear Fork Trail; Raleigh County, WV
Lewisburg Sidewalk Projects; Lewisburg, WV
Guyandotte Boat Ramp; Huntington, WV
Winfield Boat Ramp; Winfield, WV
WV State Capitol East Campus; Charleston, WV
Pollard Mills Sidewalk Project; Ashland, KY
Civil War Trail; Lewisburg, WV
Church and Court Streets Traffic Calming Plan; Lewisburg, WV



Robert G. Belcher, P.E.

Senior Vice President Project Officer

Years of Experience: 38
Years with Chapman: 35

Education

B.S., Civil Engineering, 1983,
West Virginia 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 Ad-
visory Board

WV Qualifications Based
Selection Council

Awards

George Warren Fuller
Award, 2001

Qualifications

Water Systems

Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 6.0 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, elevated pedestal tanks, and pre-stressed concrete tanks.

Wastewater Systems

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

Miscellaneous

Design and project management for large highway and bridge projects, airport improvements projects, large stormwater management projects including assistance with MS4 compliance, as well as potable water and wastewater system design for site development projects throughout West Virginia.



W. Thomas Cloer, III

NCARB, AIA

Project Architect

Years of Experience: 20
Years with Chapman: 15

Education

B.S., Architecture, 2001
University of Tennessee

Registration

Architect: WV, VA, KY

Affiliations

National Council
of Architectural
Registration Boards

WV Chapter
American Institute
of Architects

Experience

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

Comprehensive Educational Facilities Plan

Tommy has worked as part of a team to develop the 2020 Comprehensive Educational Facilities Plan (CEFP) for both Ritchie County Schools and Clay County Schools. Work on the CEFP's include facilities assessments and reports, participation in educational planning committee meetings, presenting findings to the county board of education and assisting the county in translating educational needs

Jane Lew Elementary School Addition; Jane Lew, WV

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

Clay County High School Flood Repair; Clay, WV

Project Architect for FEMA-funded project to repair flooding damage including considerable damage to Clay County High School football and softball fields, restrooms and pressbox, lower level gymnasium locker room, gymnasium floor, and bus garage. Work included floodplain analysis of Elk River to evaluate impacts of proposed improvements to athletic fields.

WV Division of Natural Resources, Sled Run Building Renovations; Thomas, WV

Project Architect for the renovation of the Sled Run ticket and concessions building. The project included an addition and reconfiguration of the existing space.



Monty Maynard, PE

LEED AP BD+C

Vice President

Years of Experience: 44
Years with GRW: 25

Education

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

Registration

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

LEED Accredited
Professional, Building
Design + Construction

Affiliations

National Fire Protection
Association

International Society of
Automation

American Council of
Engineering Companies

National Council of
Examiners for Engineering
and Surveying

Experience

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

Cumberland Valley Technical College Building One Renovation; Harlan, KY

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

Fort Knox Macdonald Elementary School Renovation; Ft. Knox, KY

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

Lexington Catholic High School Phase II Addition, Lexington, KY

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

Marshall University Weisberg Family Engineering Laboratory, Huntington, WV

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



Structural Engineering, Inc.

Carol A. Stevens, P.E. Structural Engineer

EDUCATION

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

PROFESSIONAL REGISTRATION

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

BACKGROUND SUMMARY

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

PROFESSIONAL ASSOCIATIONS

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

CIVIC INVOLVEMENT

ASCE Christmas in April Project
Engineer's Week Speaker

EXPERIENCE

West Virginia, Canaan Valley Resort State Park:
Structural investigation and recommendations for repairs to the five (5) existing overnight sleeping facilities.

West Virginia, Twin Falls Resort State Park Lodge Addition: Structural design for new 28,000 SF addition to existing facility, including new entrance lobby, conference areas, sleeping rooms and indoor pool.

West Virginia, Hawks Nest State Park Lodge: Analysis of structural cracks in lodge building. Work included probes to determine condition of existing connections between structural elements.

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

West Virginia, State Capitol Complex, Holly Grove Mansion: Structural evaluation report for preliminary condition assessment of building structure. Building is on State Historic Register and was constructed in the 1830's.

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

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

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

West Virginia, Cabwaylingo State Forest: Structural evaluation of existing dormitory buildings constructed in the 1950's.

West Virginia, State Capitol Complex, Main Capitol Building Dome: Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on State Historic Register and was constructed in the 1930's.

P.O. Box 469

Alum Creek, WV 25003-0469

(304) 756-2564 (voice)

(304) 756-2565 (fax)

A West Virginia Certified DBE Consultant
Certified in the Practice of Structural Engineering

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

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

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

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

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

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

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

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

West Virginia, Hampshire County Courthouse: Structural design for new elevator for existing historic building.

West Virginia, Shinnston Park: Structural design of new outdoor pool.

PREVIOUS EXPERIENCE

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

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

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

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

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

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

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

Pennsylvania, Hampton Inn: Structural design of new 5-story masonry and precast plank hotel building.

Pennsylvania, Comfort Inn: Structural design of new 5-story masonry and precast plank hotel building.

Pennsylvania, Misericordia University: Structural design of new 4-story masonry and precast plank dormitory building.

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

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

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

Pennsylvania, Defense Distribution Region East: Structural engineering and design for a 33,000 SF Hazardous Materials Storage Warehouse.

Maryland, U.S. Army Corps of Engineers, Baltimore District, Administration Building: Structural design of new 10,000 SF masonry building.

REFERENCES

1. Mark A. Crites
Building Project Management Specialist
General Services Division – Engineering Section
Building 4, Fifth Floor
112 California Avenue
Charleston, WV 25305
2. Scott James, Mayor
City of St. Albans
1488 MacCorkle Avenue
St. Albans, WV 25177
(304) 722-3391
3. Mr. Gary Mullins P.E.
WV Department of Transportation
Division of Highways
1340 Smith Street
Charleston, WV 25301
(304) 205-6983
4. Mr. Ben Newhouse, Community Development Specialist
City of Huntington
800 Fifth Avenue, Suite L7, City Hall
Huntington, WV 25714
(304) 696-5540