ETB ARCHITECTS

Mr. David Pauline, Senior Buyer
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

July 10, 2025

Dear Mr. Pauline:

In response to your qualifications request for the professional Architectural and Engineering Design services, the E.T. Boggess Architect, Inc. team is pleased to submit information regarding our experience. We will assist you with the design and construction documents for the Elkins Readiness Center Floor Repair. Our team will work with the State of West Virginia, WVARNG, and representatives from the Elkins Readiness Center to ensure that everyone's concerns for this project are addressed.

ETB has a great deal of experience in satisfying the needs of government agencies. We have worked with the WVARNG, WVDOH, WVC&TC, and multiple county and local governments to renovate facilities, as well as design new buildings, that address current and future needs. We understand and appreciate the work our military does and their dedication to the citizens of our country, state, and region. Providing them with the opportunity to train and provide the services that are needed during times of peace, disaster, and war is a responsibility we take very seriously. We would welcome the opportunity to serve the WVARNG once again.

ETB Architects is thrilled to partner with WDP & Associates, experts in structural engineering forensics and investigative geotechnical services, to address complex challenges in existing construction and building structures, such as foundation settlement, problem soils, pavement and retaining wall and/or slope failures. Leveraging ETB's knowledge and involvement with the existing guard facility and design, combined with WDP's forensic and geotechnical insights, our team will uncover root causes and deliver durable, practical solutions tailored to the needs of the project.

We value this opportunity to serve you and look forward to personally presenting our credentials.

Sincerely,

Todd Boggess, AIA, NCARB, Architect
President/CEO

Cover Letter

Qualifications – 1

Scope of Services – 2

ETB Projects / Experience – 3

ETB Resumes – 4

WDP & Associates – 5

WV Purchasing Forms – 6

INTRODUCTION

E. T. Boggess Architect, Inc. was established in Princeton, West Virginia, by Ted Boggess in 1966. ETB has been a successful architectural firm primarily because of a **team approach** and partnership-type attitude with all involved in the design and construction process. Having grown up in the practice and with a life-long love of architecture, Todd became a full-time presence with the firm in 1988 after receiving a Masters in Architecture from Clemson University. Their unique relationship as father/son/mentor/apprentice and, ultimately, partners was both exciting and rewarding and ETB continues to flourish and evolve under Todd's direction.

ETB strives to deliver the highest level of project management, service, and design. Our approach is client and site specific, and questions conventional assumptions. The greatest testament to the success of ETB's work goes beyond the organizational, operation and business stewardship we provide; it is in our enduring client relationships. We feel that it is important to maintain close client contact so we can respond to your needs and questions, as well as address any situations that may arise in a timely manner. The depth of our personnel is such that we can assign individuals to the appropriate task during each phase to ensure all your project's needs are satisfied.

TEAMWORK

Our projects and design services are dependent on both our abilities as architects and our commitment to perform and implement a set of standards in order to create a design that responds to the needs of our client. In house, ETB actually functions as a team of consultants with individual strengths and abilities emphasized by each employee's role within the team. Our talented staff is ready to accommodate the needs of your project and ensure the successful completion of our current workload. The depth of our personnel is such that we can assign individuals to the appropriate task during each phase to ensure all your project's needs are satisfied.

Throughout our state, we have developed relationships with government agencies, including the WVARNG, contractors and material suppliers which will be valuable as we address the challenges associated with this project. ETB has worked with many of the code officials, including the state fire marshal, and consider them an extension of our team, another member who is concerned about the final design. We review our designs with the Office of the State Fire Marshal in Charleston at regular intervals during the design process, as well as on-site inspections during construction.

EXPERIENCE

Over the past 60 years, ETB has accomplished many different types of buildings in 12 different states and 1 foreign country. We have not limited ourselves by focusing on one particular type of project or a single location. Instead, we choose to maintain a diverse practice which allows us to begin each project with renewed enthusiasm. Our range of project types have helped us develop a broad knowledge base that will prove beneficial as we examine options and opportunities for your project site.

Government projects come in all shapes, sizes and costs. ETB has assisted local governments with all stages of development from identifying potential sites, preparing preliminary engineering reports, preliminary pricing, completing applications, coordinating with various government agencies, design, construction documents, and construction contract administration services. ETB also has a great deal of experience creating graphic imagery for presentations to various government agencies, as needed. This is just another step in the process of moving your projects forward and we are anxious to work with you to obtain the necessary approvals.

PROJECT GOALS and OBJECTIVES

Project Goals and Objectives 2.1 – "Provide a complete design including mechanical, structural and architectural disciplines to prepare construction bid documents for West Virginia State Purchasing. Key design elements for repair include, but are not limited to, concrete floors, gypsum, walls, door assemblies, tile flooring and any item affected by the floor failure and subsidence. Other design elements are demolition, soil removal and disabling all systems in the affected area while maintaining a usable building in areas not affected. Design shall comply with all federal, state, military, and local codes and standards.

E. T. Boggess Architect, Inc. has been developing architectural designs, plans, specifications, estimates and other construction/bidding documents for projects for over 60 years. We are very familiar with the rules and regulations associated with both the WVARNG and the State of West Virginia.

ETB is also very familiar with the Elkins Readiness Center, having served as Architect of Record. The failure was not a result of the architectural design and ETB was not involved in the subsequent investigation and/or remediation efforts. ETB would appreciate the opportunity to assist in restoring the facility to the original quality representation, including all finishes and systems.

Todd Boggess, President of ETB, serves on the WV Board of Architects and is active in verifying that each architect registered in our state is competent to practice. From overall team management and project design, his involvement often involves interior design elements and product/material selections to "fit right" in a particular setting. Todd will be ***your architect*** and point-of-contact in order to ensure the needs and objectives of the WVARNG are fully addressed to your satisfaction.

As previously mentioned, ETB provided the design for the Elkins Readiness Center and Maintenance Building. We have also provided the design for exterior renovations at the WVARNG Coonskin Headquarters, as well as specific renovations (windows, restrooms) at Clarksburg (project completed) and Bluefield (under construction). We have also recently been selected to design the new Bluefield Readiness Center to be located here in Mercer County. We believe ETB has proven our commitment to the success of your projects and our ability to satisfy all of your goals and objectives.

WDP & Associates will be providing structural engineering services for this project. WDP was founded on the award-winning expertise of the firm's Principals and Associates in the field of forensic structural engineering. Building upon advanced engineering degrees and years of experience, WDP's staff continues to conduct research and analysis of structural material properties and structural behavior. This knowledge is applied on our projects and in the development of building codes, industry standard test methods, and guidelines through our participation in industry organizations such as ACI, ASTM, ICRI and TMS.

WDP's depth of engagement and experience in failure investigations provides valuable knowledge, insight and lessons learned, which we are able to apply to our peer review and expert witness services. WDP has served as an expert resource for structural engineering problems, particularly in the areas of corrosion and non-destructive testing.

Nondestructive testing (NDT) is a powerful set of tools used by WDP engineers to determine the existing conditions of the structure in question and predict past and future conditions of that structure. WDP has developed extensive expertise in NDT, especially relating to concrete and masonry, in order to gain an understanding of the existing conditions of structures. NDT is used to gain vital information at the least cost and disruption to the client.

Project Goals and Objectives 2.2 – "Designer will provide all geotechnical work to include any necessary drill borings, designer shall be responsible for researching and investigating the location of existing underground and above ground utilities, and to provide drawings and specifications for all utility and road infrastructure as needed and directed by the owner and/or state agency, utility company or other approval authority for Elkins/Belington, West Virginia."

WDP & Associates will also be providing Geotech services. Construction cost overruns due to unexpected site excavation conditions or unnecessarily expensive foundation systems can be avoided with diligent geotechnical engineering. WDP's geotechnical engineering professionals have consistently helped our clients save money through decades of experience testing and analyzing soil conditions in the mid-Atlantic region, including West Virginia, and utilizing specialized technology and equipment.

WDP's senior geotechnical engineers are on-site with the drill rig during field exploration. Should soil conditions indicate the need for more information, their engineers can direct additional field exploration during one mobilization. Given the widely ranging subsurface conditions within small areas in the region and the chronic presence of unsuitable soils near existing construction, this is an invaluable advantage. WDP's geotechnical engineers translate this wealth of information into cost-saving approaches to site utilization, structural foundation systems, and bid document quantities for excavation, dewatering, sheeting and shoring. Using the same investigative and engineering analysis skills, WDP provides forensic geotechnical services to investigate and resolve problems with existing construction, such as foundation settlement, retaining wall and/or slope failure, problem soils, and pavement failure.

Project Goals and Objectives 2.3 – "Drawings and specifications are to be submitted at 35%, 65%, 95% and 100%; cost estimates are to be revised and submitted with each submittal at 35%, 65%, 95% and 100%.

Our team will provide the drawings and specifications as indicated and we will provide the documentation as per the schedule we establish with the owner. Cost estimates will be revised and refined throughout the design process and submitted with the 35%, 65%, 95% and 100% packages.

Project Goals and Objectives 2.4 – "Provide construction bid services and administrative services to the Owner."

ETB provides professional A/E services, including bidding and construction contract administration, for all of our projects. Our bidding services can include as little or much involvement as the owner needs, including distributing bid packages, coordinating the pre-bid conference, and addressing questions with addendum. Our project managers will work with your designated representative to ensure all general contractors receive the necessary information to submit a legitimate bid.

Contract administration services are important in order to ensure construction conforms to the design intent of the construction documents; to lessen project risks; and to identify and resolve construction problems early in order to keep the project on schedule. ETB has a dedicated construction administration manager who is currently providing CA services on the WVARNG Bluefield Armory Restroom Renovation Project. Our firm always provides CA services, regardless of the location.

Our knowledge and familiarity with the Elkins Readiness Center will prove beneficial throughout the CA process as well.

PHILOSOPHY

Communication, collaboration, and consensus are the three elements we feel are essential to the planning, design and building process. Our goal is to develop a "*partnership*" with our clients – a relationship that includes a long-term commitment, trust, and shared vision. ETB also believes architectural design should be an *interactive process*. We work closely with you to identify and define all your project goals, objectives, functions, responsibilities, and relationships. This interactive approach enables us to develop facilities that meet your requirements, as well as being aesthetically distinctive. Design cannot be mass produced or provided in a "cookie cutter" fashion, it must be developed from scratch with the unique attributes of each individual project in mind. Our approach is not only about our ideas . . . it is about *you and your ideas*.

We believe that our standard approach allows us to better address your specific project. We ***look*** at what you have (evaluation), ***listen*** to what you need (interactive programming), and then provide ***designs*** that address the needs specifically for each building. The integrated design process, which we have always implemented, seeks input from the owner(s), the employees who will be working in the building and the maintenance personnel who will be maintaining the facility. The success of many of our projects is a direct result of the information and ideas discussed during the initial planning and programming meetings.

Sustainability is an implicit goal for every project that ETB is involved with. We practice a "goal-oriented" approach to sustainability that addresses project-specific performance goals with solutions that are evaluated based on need, cost-effectiveness, durability, maintenance, safety and their contribution to the quality of the physical and educational environment.

The ETB team is committed to designing high quality, low maintenance government facilities. We believe that it is imperative that both the short and long-term cost implications be considered when selecting building materials and systems. We favor the use of permanent materials over those that have measurable life spans or must be periodically replaced or upgraded. Interior finishes, especially those located in high traffic areas such as restrooms, are evaluated based on their durability, resistance to wear and ease of maintenance. Other items, such as plumbing equipment and fixtures, toilet accessories, light fixtures, and doors and hardware are also carefully selected.

QUALITY MEASURES

A component of our management approach is the development of an individual strategy for each project, focused on the specific problems to be solved. This strategy considers the staff members assigned to the project, the scheduling and duration of work phases, the use of special consultants or specialized studies. Our Project Management Plan (PMP) will document key management and oversight tasks and is updated throughout the project as changes occur. The plan will include a definition of your program goals, technical requirements, schedules, resources, budgets, and management programs. Once we gain a better understanding of your scheduling targets, we will be able to determine exactly what resources we will need to dedicate to the project.

The Integrated Design Process is our process of design in which the owners, users and the ETB team (architects and engineers) are all integral team members. This integrated process and the implementation of high-performance design requires both efficiency and innovation. In our role with this team as the design leader and project organizer, ETB will be responsible for coordinating and orchestrating the work of our in-house architects with your representatives throughout the planning, programming, design, documentation, and administrative functions of the project.

Your project will be completed by emphasizing the following activities:

- **Understanding goals.** We develop a plan for identifying and prioritizing individual goals as a means for addressing the overall project.
- **Brainstorming ideas.** We investigate opportunities for greater service through value engineering, strategic partnering, or an alternative delivery method.
- **Assuring timelines.** We generate a management plan to fulfill deliverables and meet milestones on schedule.
- **Maintaining client contact.** We are accessible, convenient, and committed to success from the beginning through the design process, and after completion.
- **Inviting performance feedback.** We involve all team members and clients in project evaluation at closeout and determine how well time, cost, and design goals were met.

Project Management - Our project managers provide efficient leadership managing the team dynamics, budget, schedule, and the flow of information. The project manager's role also includes assisting the client with the management of services and consultants that may not be a part of this contract, but still may have an impact on workflow and infrastructure coordination. The effective implementation of your goals and objectives will be realized through frequent and consistent collaboration among all the design disciplines.

ETB understands the importance of ensuring that all schedules and budgets are met. Our strength is in the delivery of appropriate and analytical solutions for complex buildings in strict conformance with budget and time constraints. The process begins with the development of the project schedule with input from each stakeholder engaged in the process. Accelerated schedules require even more dedication to benchmarks and deadlines, identifying production problems early and making the necessary adjustments before issues become too great to be effectively managed. Completing projects on time requires effective schedule management and a commitment of the entire project team.

Cost Management - We believe that the management of costs and/or risks begins with the development of fully vetted alternatives which enable you to make informed choices about the project. We search for simple and effective solutions which support the different services provided for your citizens. We also believe that the evaluation of cost must extend beyond the costs of construction, and consider the costs of operations, human resources, energy and sustainability.

Quality Control - Quality control starts with matching expectations about quality standards and life cycle costs with budget and scope during planning and design reviews. This continues through construction delivery with a program of inspections, tests, and certifications that are typically handled through a third-party agency. Quality control should flow seamlessly from one phase to another. The "partnership" we develop during the project assists us in maintaining a high-level quality control standard with everyone working together in the project's best interest. We strive to coordinate performance among the entire project team in order for a completed building program to fully satisfy your needs and expectations. The quality control plan we follow should help eliminate errors, reduce cost and improve overall building quality.

ETB normally follows the plan as outlined below:

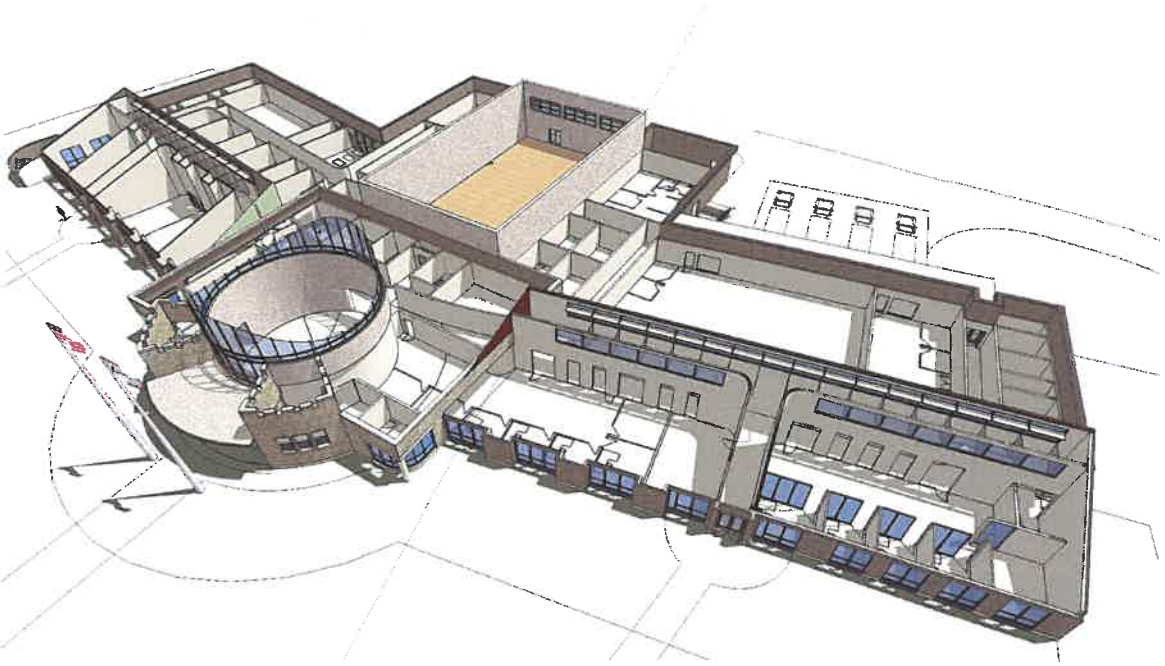
- Keep the lines of communication open and consistent between all team members
- Share lessons learned from recent similar projects, include value engineering
- In-house reviews to address issues with constructability and budget restraints
- Utilize past experiences related to construction administration
- Provide post construction administration services to be utilized on future projects

Quality Assurance - We feel quality assurance is the ability of an architect to provide the client with a set of documents that satisfies the client's needs and are as accurate as possible. ETB believes quality assurance is an ongoing process, not just a one-time occurrence. No project is perfect, however, we strive to achieve maximum client satisfaction. To that end, we have set the following goals for ourselves:

- Promote teamwork
- Quality management throughout entire project – *Effective Communication*

- Prompt response to client's requests – *Availability*
- Creation of quality construction documents – *Purpose Driven*
- Error *prevention*, not error catching – *Standard Practices*
- Personal pride in our work – *Motivation*
- Go the extra mile whenever necessary – *Service Oriented*

Elkins Readiness Center



APPROACH

Our approach to the floor repair design/renovations at the Elkins Readiness Center for the WV National Guard begins with a thorough examination of the existing conditions. We understand that no two projects are the same. Therefore, we feel that the typical approach to bid documents should evolve to meet the needs of each project. We have accomplished numerous renovations, however, the specific conditions at the armory will be unique in that the problems to be corrected were not a result of typical wear and tear.

The structural issues that led to the problems will be the most important issue to resolve. Once a corrective solution has been agreed to, replacing damaged areas, including flooring, walls, door assemblies, etc. will then become the primary focus. ETB will coordinate the activities of our team of consultants with your designated representatives to ensure the renovation design will resolve the current situation and restore the Readiness Center to a functional WVARNG facility.

Specific Tasks

ETB will provide the services needed in the phases or steps shown below. As mentioned previously, we utilize an interactive design approach. We will therefore be involving your designated representative(s) in order to understand and address your specific needs.

Investigation and Evaluation Phase:

- Upon receipt of Notice to Proceed, ETB will review all available original plans, specifications and other relevant data documenting existing systems and utility connections.
- Conduct a thorough evaluation and inspection of the existing site conditions and areas of concern and/or remediation, evaluating conditions, including access.
- Discuss specific location needs and requirements, including items of concern, usage, and capacity.
- Meet with representatives from the WV National Guard to present and discuss preliminary findings, including preliminary budget projections and design criteria for compliance with *DOD Minimum Antiterrorism Standards for Buildings.*

Preliminary Design Phase:

- Prepare preliminary design drawings, targeting all areas of work that will be affected.
- Prepare Outline Specifications and Preliminary Estimate of Probable Construction Costs.

- Discuss phasing opportunities and scheduling to allow for continuation of activities.

- Meet with representatives from the WV National Guard to review preliminary design drawings, proposed scope of work, proposed system product selections and alternatives, and Preliminary Estimate of Probable Construction Cost. Review/establish budget and contingency and establish Final Construction Phase Schedule (bidding and award).

Construction Document Phase:

- Prepare Construction Documents including detailed drawings and specifications commensurate with established scope of work.

- Prepare Final Estimate of Probable Construction Costs.

- Assist with coordination/preparation of non-technical provisions of the contract documents. (Bid Advertisement, safety/security compliance, temporary facilities, utility access, etc.)

- Meet with representatives from representatives from the WV National Guard as necessary to review progress, discuss proposed design and budget refinements, value engineering proposals and other general coordination issues.

- Assist with review, selection and pre-approval of Contractors, if required

Bidding and Construction Contract Administration Phase:

- ETB will provide general administrative assistance during the Bidding and Construction Contract Administration Phases including:

  - Attendance at pre-bid meeting

  - Preparation of addenda

  - Review of bids

  - Review of contractor submittals and shop drawings

  - Review/approval of contractor's applications for payment

  - Review/response to RFI and construction change order requests.

  - Regular on-site Construction observation and reporting

  - Preparation of project punch list

PAST PERFORMANCE / EXPERIENCE

ETB has been very active on a variety of governmental and public projects over the past 15 years.

WVARNG

- WVARNG Readiness Center and Maintenance Building, Elkins
- Joint Forces HQ at Coonskin *(Exterior Renovations)*, Charleston
- Window Replacement, Clarksburg Armory
- Restroom Renovations, Bluefield Armory

WVDOH

- District 1 Office Building, Charleston
- District 3 Office Building, Equipment Shop, Multi-purpose Building & Lab Building (*all four projects to bid summer, 2025*), Parkersburg
- District 6 Office Building, Equipment Shop, Multi-purpose Building (formerly Bridge & Sign Shop) & Lab Building, Moundsville
- District 7 Office Building & Equipment Shop, Weston
- District 8 Equipment Shop, Elkins
- District 9 Office Building, Lewisburg
- District 10 Office Building, Equipment Shop, Multi-purpose Building (formerly Bridge & Sign Shop), & Lab Building

WV Community & Technical College System

- Advanced Technology Center – BridgeValley (Advantage Valley), So. Charleston for the WV C&TCS
- Advanced Technology Center – North Central, Fairmont for the WV C&TCS
- New River Community & Technical College Headquarters, Beaver, WV

WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, WV

PROJECT DETAILS

owner/district:
WV Army National Guard

year:
2012

size:
50,000 sf

The Readiness Center has two main entrances; the front into the lobby and the rear into the assembly hall. The circular central core of the entrance leads to the administrative wing (east) and classroom wing (west). The facility contains a learning center library, storage areas, locker rooms, kitchen, break-room, and Telcon spaces. Areas within the lobby will be used for recruiting, family support and distance learnng.

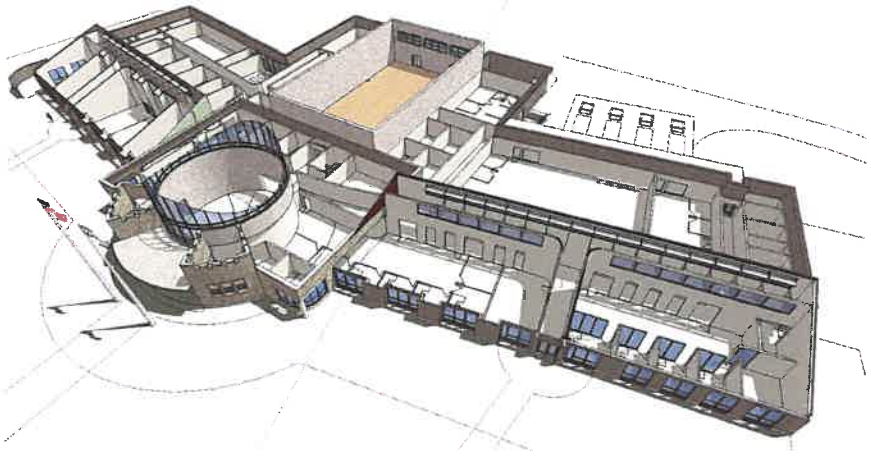
The project also included the design and construction of a separate structure for secure storage maintenance/ workshop/ office structure (shown below).

COMPUTER VISUALIZATION

GOVERNMENTAL

WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, WV



E. T. BOGGESS, ARCHITECT, INC.

ETB ARCHITECTS

WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, WV

GOVERNMENTAL

WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, WV

E. T. BOGGESS, ARCHITECT, INC.

ETB ARCHITECTS

WV ARMY NATIONAL GUARD MAINTENANCE SHOP

Elkins, WV

PROJECT DETAILS

owner/district:
WV Army National Guard

year:
2012

size:
Maint & Workshop 3,102 sf
Organized Storage 2,560 sf

Along with the Readiness Center, ETB designed a separate structure to serve as a maintenance building/workshop. A secure, organized storage area was also designed in conjunction with the new maintenance building / workshop.

MAINTENANCE BUILDING

GOVERNMENTAL

WV ARMY NATIONAL GUARD JOINT FORCES HEADQUARTERS

Coonskin Park, Charleston, WV

PROJECT DETAILS

owner/district:
WV Army National Guard

year:
2016

type:
Exterior Renovations

The exterior renovations ETB designed for the Joint Forces Headquarters included general facade updates, new window systems, and restoring the original metal cornice. Ten different work packages spread across four connected buildings were provided with final approval/bid acceptance based on available funding. Graphic imagery options for the metal facade were also developed for owner's review/approval.

BEFORE

GOVERNMENTAL

WV ARMY NATIONAL GUARD JOINT FORCES HEADQUARTERS

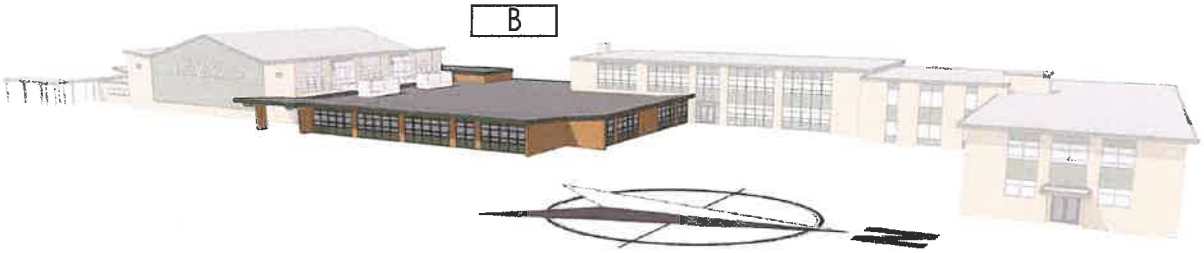
Coonskin Park, Charleston, WV

BUILDING ZONE

A

BUILDING ZONE

B



BUILDING ZONE

C

BUILDING ZONE

D

PHASED RENOVATIONS

E. T. BOGGESS, ARCHITECT, INC.

ETB ARCHITECTS

GOVERNMENTAL

WV ARMY NATIONAL GUARD JOINT FORCES HEADQUARTERS

Coonskin Park, Charleston, WV

PROJECT DETAILS

owner/district:
WV Army National Guard

year:
2016

type:
Exterior Renovations

E. T. BOGGESS, ARCHITECT, INC.

ARCHITECTS

WV DOH DISTRICT ONE OFFICE BUILDING

Charleston, WV

PROJECT DETAILS

owner/district:
WV DOH

year:
2014

size:
27,791 sf

Districe One has completed the Office Building which was modified from the original design to include a connecting walk-way between the new structure and an existing building.

ETB provided the original complex design for District Ten, which included an office building, a maintenance building (now called equipment shop), a bridge/sign shop, and a lab building. The buildings have been modified over the years to satisfy the needs of the DOH and each specific site requirements. The following building types have been completed:

District Six
Office Building
Maintenance Building
Bridge & Sign Shop

District Seven
Office Building
Equipment Shop

D8 Equipment Shop

D9 Office Building

District Ten
Entire Complex

GOVERNMENTAL

WV DOH DISTRICT SEVEN OFFICE BUILDING & EQUIPMENT SHOP

Weston, WV

Office Building

Equipment Shop

PROJECT DETAILS

owner/district:
WV DOH

year:
2018

size:
Office Building - 29,915 sf
Equipment Shop - 22,996 sf

The District Seven Office Building and Equipment Shop were completed within weeks of each other. The office building is similar to the ones already located at Districts Six, Nine and Ten. The Equipment Shop, originally called the maintenance building, has also been built for Districts Ten and Six. Each building is modified as needed to better serve the needs of the district and in order to accomodate the specific site conditions.

ETB provided the original complex design for District Ten, which included an office building, maintenance building, bridge/sign shop, and a lab building. The new buildings are being phased-in throughout the state. At this time, the following projects have been completed:

District One
Office Building

District Six
Office Building
Maintenance Building
Bridge & Sign Shop

District Eight
Equipment Shop

District Nine
Office Building

District Ten
Entire Complex

WV DOH DISTRICT EIGHT EQUIPMENT SHOP

Elkins, WV

PROJECT DETAILS

owner/district:
WV DOH

year:
2015

size:
21,675 sf

These photos were taken shortly before District Eight Equipment Shop was completed. This building, originally called the maintenance building, has also been built for District Ten and Six. Each building is modified to better serve the needs of the district and in order to accomodate the specific site conditions.

The equipment shop includes office space, maintenance/garage bays, storage areas, and roll-up doors.

ETB provided the original complex design for District Ten, which included an office building, maintenance building, bridge/sign shop, and a lab building. The new buildings are being phased-in throughout the state. At this time, the following projects have been completed:

District One
Office Building

District Six
Office Building
Maintenance Building
Bridge & Sign Shop

District Seven
Office Building
Equipment Shop

District Nine
Office Building

District Ten
Entire Complex

WV DOH DISTRICT NINE OFFICE BUILDING

Lewisburg, WV

PROJECT DETAILS

owner/district:
WV DOH

year:
2011

size:
various

District Nine has completed the Office Building. The site selected will be able to accommodate the additional buildings if plans are made to proceed with the entire complex.

ETB provided the original complex design for District Ten, which included an office building, a maintenance building (now called equipment shop), a bridge/sign shop, and a lab building. The buildings have been modified over the years to satisfy the needs of the DOH and each specific site. The following projects have already been completed:

District One
Office Building

District Six
Office Building
Maintenance Building
Bridge & Sign Shop

District Seven
Office Building
Equipment Shop

District Eight
Equipment Shop

District Ten
Entire Complex

EDUCATIONAL

ADVANTAGE VALLEY ADVANCED TECHNOLOGY CENTER

South Charleston, WV

PROJECT DETAILS

owner/district:
WV Council for Community and Technical College Education

year:
2014

size:
55,000 sf (2-Story)

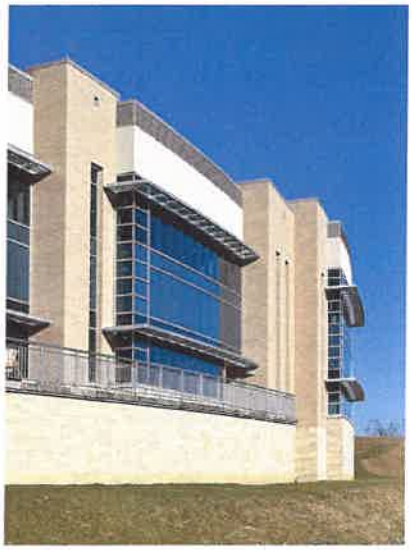
Planned in coordination with local industry, the laboratories are designed for maximum flexibility to deliver education and training for the emerging technologies, including Mechatronics, Nanotechnology and Information Technology. Student common and breakout areas are integrated with the building's circulation to encourage collaboration and transparency.

E. T. BOGGESS, ARCHITECT, INC.

EDUCATIONAL

NORTH CENTRAL ADVANCED TECHNOLOGY CENTER

Fairmont, WV



PROJECT DETAILS

owner/district:
WV Council for Community and Technical College Education

year:
2016

size:
65,400 sf (3-Story)

Situated within the I-79 Technology Park in Fairmont, the new laboratory and classroom facilities were planned in collaboration with local industry to deliver the technical training necessary to expand the ranks of skilled workers in West Virginia. The facility will also include Pierpont's new Headquarters, "One Stop" Student Services Center and Allied Health Center.

E. T. BOGGESS, ARCHITECT, INC.

ETB ARCHITECTS

NEW RIVER COMMUNITY AND TECHNICAL COLLEGE

Raleigh County, WV

PROJECT DETAILS

owner/district:
WV Council for Community and Technical College Education

year:
2015

size:
78,200 sf (2-Story)

New River C&TC opened the doors to students in January, 2015. The center's co-location with the Erma Byrd Center provides a unique opportunity for collaborative learning and cooperative education. The building was designed as a shared-use facility with an emphasis on technology, business and healthcare programs. The center includes an Allied Health Technology Center and also serves as the Administrative Headquarters of the college.

The design and organization of the facility enhances connectivity opportunities between the Erma Byrd Center and visually with the panoramic vistas to the North.

Todd Boggess, AIA, NCARB, Architect
President/CEO

EDUCATION

- Master of Architecture,
  Clemson University School of Architecture
- International Studies, Clemson University Daniel Center for Urban Design & Building Studies, Genoa, Italy
- Bachelor of Arts Degree in Design, Clemson University School of Architecture

RESPONSIBILITIES

Todd joined ETB as a project architect and office manager in 1988 after graduating from Clemson University. In January, 2001, he assumed the office of President. Todd currently serves as President/CEO of the company and is responsible for all aspects, including . . .

- business development
- architectural programming / planning
- architectural design and development
- project management and coordination
- client relations
- interior design / space planning
- architectural design graphics
- construction contract administration

Your project will receive his complete attention, from the interview and project meetings, through the construction process. As the president of the firm, you are putting your trust in him and he takes that commitment very seriously. He wants to make sure you are satisfied with our service, performance, and design.

COMMITTEES

Board of Directions for the Mercer County Convention & Visitors Bureau (since 2020)

West Virginia Board of Architects (since 2014) – Governor Tomblin appointed Todd to this board which is responsible for protecting the life, health and property of the people of the State of WV by ensuring that proper architecture practices are used in the state.

Princeton Zoning Board of Appeals (since 2000) – Todd has been asked to serve on this local committee for the past 24 years. He currently serves as vice-chair. The board is responsible for reviewing and ruling on appeals to the existing Princeton Zoning Laws.

Preservation Alliance of West Virginia (past board member)

PROJECTS

WVARNG Projects

- WVARNG Readiness Center and Vehicle Maintenance Facility, Elkins
- WVARNG Joint Forces Headquarters *(Renovation)*, Coonskin Park, Charleston
- WVARNG Clarksburg Armory Windows & HVAC *(Renovation)*, Clarksburg
- WVARNG Brushfork Armory Restrooms *(Renovation)*, Bluefield

Government Projects

- WVDOH District 10 – Office Building, Equipment Shop, Multi-purpose (Maintenance Building), & Lab Building
- WVDOH District 6 – Office Building, Equipment Shop, Multi-purpose (Maintenance Building), & Lab Building
- WVDOH District 7 – Office Building & Equipment Shop
- WVDOH District 8 – Equipment Shop
- WVDOH District 1 – Office Building
- WVDOH District 9 – Office Building
- WVDOH District 3 – Office Building, Equipment Shop, Multi-purpose (Maintenance Building), & Lab Building *(will be out for bid this year)*
- Mercer County Courthouse Annex, including:
    - Magistrate Court
    - Prosecuting Attorney
    - Family Law Master
    - Juvenile Probation
- Municipal Complex for the City of Princeton *(adaptive re-use)*, including:
    - Administrative
    - Police
    - Fire
    - Public services
    - Community Center / Recreation

Stephen Mackey
Design & Graphics / Code Research

EDUCATION

- Bachelor of Arts Degree in Design,
  Clemson University School of Architecture
- Master of Architecture,
  Clemson University School of Architecture

RESPONSIBILITIES

With over 30 years of experience in all phases of design and construction, Mr. Mackey brought strong design, management and leadership skills to the firm. His significant experience has enabled him to successfully oversee the design and construction of educational projects for ETB and other architectural firms. Specific project responsibilities include:

- code review and analysis
- educational planning and programming
- conceptual design
- design visualization
- project coordination
- construction specifications

PROJECTS

Mr. Mackey is responsible for the production of graphic imagery for many of our larger projects. In addition to his design responsibilities, Steve assists with code research, quality control and constructability reviews. Steve rejoined ETB in 2009 and has been focused on government/public projects since his return.

- WVARNG Readiness Center and Vehicle Maintenance Facility, Elkins
- WVARNG Clarksburg Armory Windows & HVAC *(Renovation)*, Clarksburg
- WVARNG Brushfork Armory Restrooms *(Renovation),* Bluefield
- WVDOH District 3 – Office Building, Equipment Shop, Multi-purpose (Maintenance Building), & Lab Building *(will be out for bid this year)*
- Rescue Squad Multi-use Building, Princeton
- Municipal Complex for the City of Princeton *(adaptive re-use)*, including
  - Administrative
  - Police
  - Fire
  - Public services
  - Community Center / Recreation

Nathan Turner, LEED G.A.
Project Manager/
Construction Administration

EDUCATION

- Bachelor of Science, Engineering Architecture, Fairmont State University
- Master of Architecture (May, 2009) Boston Architectural College

RESPONSIBILITIES

Mr. Turner rejoined ETB in 2022 and brought with him a wealth of experience in architectural design, as well as construction methods and practices. His previous experience at ETB involved a number of government and educational facilities. Nathan is LEED certification and will assist in our efforts to provide a "green" approach to as many projects as possible. He will be focusing primarily on construction contract administration activities.

Specific project responsibilities include:

- architectural programming
- construction documentation
- project management
- project coordination
- construction specifications
- construction administration

EXPERIENCE

- WVARNG Readiness Center and Vehicle Maintenance Facility, Elkins
- WVARNG Clarksburg Armory Windows & HVAC *(Renovation)*, Clarksburg
- WVARNG Brushfork Armory Restrooms *(Renovation),* Bluefield
- WVDOH District 3 – Office Building, Equipment Shop, Multi-purpose (Maintenance Building), & Lab Building *(will be out for bid this year)*
- Rescue Squad Multi-use Building, Princeton
- Municipal Complex for the City of Princeton *(adaptive re-use)*, including
  - Administrative
  - Police
  - Fire
  - Public services
  - Community Center / Recreation

This section contains

Firm Overview

Resumes

Previous Experience

for WDP.

FIRM OVERVIEW

WDP & Associates Consulting Engineers (WDP) is an SBA-certified (1KZR5) and WV SWaM consulting engineering firm founded in 1995 with offices in Virginia, West Virginia, New York, and South Carolina. For 30 years, WDP has provided professional engineering services for the evaluation and repair of buildings through geotechnical engineering, structural engineering, and building enclosure forensic engineering projects across the United States.

Creating lasting solutions that extend the service life of buildings or structures is at the heart of our business.

While our headquarters are in Virginia, WDP opened a Hinton, WV office in 2020. We have over 60 full-time staff in our combined offices and satellite locations available to support this project as needed. We place a high priority on ensuring that the expertise and resources of all of our staff are made available as necessary to facilitate responses to your project needs in a timely and technically sound manner.

WDP's office addresses for the Virginia and West Virginia region are listed below.

OFFICE	ADDRESS
West Virginia	P.O. Box 99 Hinton, West Virginia 25951
Central Virginia	335 Greenbrier Drive, Suite 205 Charlottesville, Virginia 22901
Southwest Virginia	205 Church St SE Blacksburg, Virginia 24060
Headquarters	10621 Gateway Blvd. Suite 200 Manassas, Virginia 20110

Firm Capabilities

WDP performs around 100 structural investigation, repair, building enclosure, façade assessment, and peer review projects every year. **Most of WDP's repair projects involve facilities that must remain occupied and operating "business as usual" throughout the investigation and repair process.**

Our investigative strategies and value-based repair designs have addressed countless issues, such as building enclosure problems manifested through structural deficiencies caused by moisture infiltration, differential movement, general deterioration of building materials, air/water leakage, occupant comfort issues, biological growth, and aesthetic deficiencies, among others.

FIRM OVERVIEW

Structural & Forensic Evaluation and Design for Existing Structures

Field Investigation of Existing Structures

WDP's experience with performing field investigations of existing structures is at the heart of our success and a key component of our project approach. Field investigations are performed to assess and quantify existing structure conditions or feasibility for alterations, to evaluate the cause of deterioration or structural failures, or to verify the original design or capacities of given as-built conditions.

Our investigative methods include visual observations, non-destructive testing, structural monitoring, in-situ testing, and material sampling and testing. Our professionals are experienced at interpreting and analyzing the results of the evaluation components and develop conclusions and recommendations based on the facts obtained.

WDP engineers are nationally recognized experts in **non-destructive testing (NDT)** and evaluation of existing structures. We regularly employ a variety of NDT methods, all performed by WDP personnel, to examine existing structures. These test methods can be invaluable in identifying existing conditions, developing the proper diagnosis, and subsequently, most effective recommendations for a given structure.

Our use of non-destructive testing often helps to reduce the extent of destructive testing and probe openings required, thus reducing the impact on the structure, and saving time and cost to the Owner. Results from non-destructive testing are used to determine the extent and severity of damage and can be incorporated into structural analysis models to predict the impact of measured damage on the performance of a structure.

Evaluation of corroded structural steel framing elements

Surface Penetrating Radar to locate embedded reinforcement

Half-cell testing for reinforcing steel corrosion

In the case of distressed structures, historical restoration projects, and renovations and upgrades to existing buildings, it is often beneficial to obtain an understanding of how the structure is behaving to develop better recommendations. WDP has experience with a wide range of visual and electronic **instrumentation for field data monitoring and collection** to record the behavior of existing structures. Whether measurements need to be made inside or outside, statically, or dynamically, accessibly, or remotely, we can develop and deploy a data monitoring and collection scheme to complement a project's unique objectives.

Non-Destructive Testing:

- Sounding
- Pachometer
- Surface-Penetrating Radar
- Impact-Echo
- Ultrasonic Pulse Velocity
- Half-Cell Potential
- Infrared Thermography

Instrumentation used for field data monitoring and collection:

- LVDTs
- LVITs
- Strain gauges
- Load cells
- String potentiometers
- Accelerometers
- Seismographs

WDP staff can analyze and interpret the data relative to the actual construction to understand how the structure is behaving. We can incorporate these results into our advanced structural models and improve the accuracy of our structural analyses and develop representative design recommendations. Our field investigations and structural analyses are supported by our WACEL and AASHTO-certified **in-house laboratory**. Based on the needs of a specific project, we have the unique capabilities of performing highly specialized field sampling for testing in accordance with specifications developed by the American Society for Testing and Materials (ASTM), American Concrete Institute (ACI), and others.

Our broad and diverse experience performing field investigations of existing structures gives WDP staff an extensive understanding of how structures are constructed, how building construction has changed over time, and common deterioration mechanisms. WDP has extensive first-hand experience with the long-term effects from different designs and construction modes on building performance through our investigations of post-occupancy failures. Our failure investigations typically combine a detailed study of available construction documents, on-site field investigation, material testing, and structural analysis to determine the cause of the problems and develop remediations to correct them.

WDP's knowledge of building construction practices and performance provides uncommon insights into project feasibility for repairs or alterations to existing buildings and informs our design process to improve the constructability and performance of our projects. Through our many years of successful investigations, our expertise in determining the causes, effects, and remedies for structural problems has resulted in unique insights preventing those same problems in new construction.

Geotechnical Engineering Services

Construction cost overruns due to unexpected sitework conditions or unnecessarily expensive foundation systems can be avoided with reliable and thorough geotechnical engineering. Through decades of experience testing and analyzing soil conditions in the mid-Atlantic and Northern Virginia regions using specialized technology and equipment, our geotechnical engineering professionals have consistently provided cost-efficient, constructible solutions, thus saving money for our clients.

Investigation of the subsurface conditions with standard penetration test borings at the Tidewater Community College campus

Our geotechnical engineers and geologists are on-site with the drill rig during field exploration. Should soil conditions require more information, our engineers and geologists can direct additional field exploration or sampling on the spot. Given the wide-ranging subsurface conditions within the region and the presence of unsuitable soils near existing construction, having experts readily available on the project site is invaluable. Our geotechnical engineers translate this subsurface information into cost-saving design recommendations and constructible solutions for site development, including site work/earthwork, foundations, slabs, pavements and utility systems, slopes and retaining structures, and SWM/BMP facilities.

FIRM OVERVIEW

Upon completion of the geotechnical investigation report, we often assist clients and the design team with bid document development. This frequently includes review of geotechnical reports prepared by others for purposes of bid document development, and ultimately, implementation of the recommendations of the Geotechnical Engineer of Record.

Bid document development includes Division 2 site work and earthwork specifications, quantities / allowances for addressing challenging situations with unsuitable soils such as highly plastic clay, existing fill, and unsuitable bearing soils. Additionally, hard rock excavation challenges are identified and quantified, and when combined with unsuitable soils challenges, sitework unit prices are determined within the bid documents and ultimately incorporated into the contract.

RESUME

Rex Cyphers, PE

Principal-in-Charge (PIC)

Rex is WDP's Vice President and Chief Operating Officer with 23 years of experience. He specializes in the design and repair of masonry structures, historic preservation, and nondestructive testing. He performs forensic field, façade, roofing, waterproofing, and building envelope investigations; structural inspection /analysis and design; architectural retrofit and repair; and develops design documents and repair recommendations.

EDUCATION

- West Virginia University / Civil Engineering / MS – 2003; BS – 2002
- West Virginia University / Graduate Certificate / Cultural Resource Management / 2003

PROFESSIONAL REGISTRATION

- Professional Engineer – WV, CT, IL, LA, PA, TN, VA

PROFESSIONAL COMMITTEES

- ASTM Subcommittee E06.24 Preservation and Rehabilitation Technology
  - ASTM E2260 – Task Chair, "Standard Guide for Repointing (Tuckpointing) Historic Masonry"
  - ASTM E3069 Task Chair, "Standard Guide for Evaluation and Rehabilitation of Mass Masonry Walls for Changes to Thermal & Moisture Properties of the Wall"
  - ASTM E3258 Task Chair, "Standard Guide for Evaluation of Changes to the Thermal, Moisture, and Ventilation Performance of Existing Roof Enclosures"

REPRESENTATIVE EXPERIENCE

WV GSD State Capitol, Dome Leakage Investigation & Restoration, Charleston, WV / PIC & Historic Masonry Consultant

The WV State Capitol was built in 1930. As Designer of Record, WDP investigated the cause of chronic water infiltration and structural issues and designed repairs at the Capitol Complex which posed significant life safety risks, including interior clay tile damage which posed a fall hazard for building occupants; reinforcement corrosion of the monumental north stair; and damaged interior finishes at the upper rotunda of the dome along with structural and masonry repairs to inner and outer domes. During design and construction, WDP coordinated with GSD, SHPO, and CBC. WDP provided evaluation, analysis, and coordination for repairs as well as CA services.

West Virginia University, Health Sciences Building, Envelope Replacement Study, Charleston, WV / PIC & Designer of Record

WDP performed a structural façade evaluation of the existing brick cladding and glazed ribbon windows installed. Analysis of the existing masonry and lateral load paths for the 4-story, steel framed structure identified cladding backup with limited lateral load carrying capacity, and related cracking on the upper level caused bricks to become dislodged at several locations. WDP designed a temporary restraint system using debris netting to encapsulate the high-risk brick. The recladding allowed the opportunity to upgrade the building aesthetic, and repair design involved incorporation of curtain walls and metal panels as well as brick masonry to modernize the appearance, while still respecting the architecture of the hospital campus.

College of William & Mary, Wren Building Moisture Evaluation, Williamsburg, VA / PIC & Historic Masonry Consultant

Rex oversaw the evaluation of historic mass masonry building exhibiting interior plaster failures. WDP deployed data logging instrumentation to determine air and vapor movement around problematic areas, utilized hygrothermal analysis incorporating collected data to calibrate models as a tool to determine cause of damage, and correlated data with HVAC systems. WDP will provide repair recommendations.

Byoung-Jun (BJ) Lee, PhD, PE, SE

Senior Structural Engineer

BJ joined WDP in 2006 and has 22 years of professional experience. He specializes in architectural engineering and structural engineering services including failure investigations, analysis, and repair design. He has expertise in structural analysis and repair, evaluation of existing structures, and nondestructive testing of concrete structures. He is involved in forensic field and laboratory investigations, condition assessments, façade and building envelope investigations, development of design documents, and repair recommendations in reinforced concrete, steel, composite, masonry, wood, and cold form steel constructions. He has also written more than 15 technical papers in technical journals and proceedings.

EDUCATION

- PhD / Civil and Environmental Engineering / Lehigh University / 2003
- MS / Architectural Engineering / Kangwon National University / 1996
- BS / Architectural Engineering / Kangwon National University / 1994

PROFESSIONAL REGISTRATION

- Professional Engineer – VA, DC, MD, WV
- Structural Engineer – HI

PROFESSIONAL COMMITTEES

- Member, American Concrete Institute (ACI)
- ACI 216: Fire Resistance and Fire Protection of Structures – Joint ACI-TMS
- ACI 546: Guide to Concrete Repair
- Member, American Institute of Steel Construction (AISC)
- Member, Post Tensioning Institute (PTI)

REPRESENTATIVE EXPERIENCE

West Virginia University, Health Sciences Building, Building Envelope Replacement Study and Design, Charleston, WV / Sr. Structural Engineer

WDP teamed with Paradigm Architects to design the façade replacement for the upper three floors of the Health Sciences Center. The project will modernize the exterior of the building while addressing structural deficiencies, improve energy performance, and integrate seamlessly into the façade of the remaining first floor as well as the rest of the Charleston Area Medical Center Campus.

Virginia Community College System (VCCS) – Virginia Peninsula Community College, Templin Hall Roof Collapse, Hampton, VA / Sr. Structural Engineer & PM

WDP performed the forensic structural evaluation of the collapse of Templin Hall. The work included original structural design review, as-built construction review, field observation and investigation, code review, load analysis, structural capacity analysis for the original design and as-built construction, and failure analysis. BJ led the structural team to perform the structural analysis and assessment.

Architect of the Capitol, US Capitol Power Plant, Ash Silo, Washington, DC / Sr. Structural Engineer & PM

WDP performed a field survey of the damaged concrete framed Ash Silo on the CPP grounds. The ash silo was constructed in the early 1900s and has exhibited significant deterioration in the form of delaminating and spalling concrete. WDP's tasks included review of provided documents, field survey, and a series of structural analysis of the E. and W. Silos, and Conveyor Bridge structures. The final report included a summary of structural analysis, repair recommendations, and conceptual cost estimate.

Robert (Rob) Niber, PE

Senior Geotechnical Engineer

Rob has been with WDP since our founding in 1995. With 40 years of industry experience, he participates in projects through the development and management of geotechnical investigations, construction inspection and materials testing, and laboratory material testing programs for public sector projects which include parks and recreation, police stations, fire and rescue facilities, detention centers, public safety training, libraries, transportation, and solid waste/landfill projects.

EDUCATION

- BS / Civil Engineering / Penn State University / 1985

CERTIFICATIONS

- Professional Engineer – VA, DC, MD, PA, CA

PROFESSIONAL MEMBERSHIPS / COMMITTEES

- WACEL (President, 1997)
- ASCE Geotechnical Section – National Capital Chapter
- ASTM, Member
  - Committee D-18 on Soil and Rock
- ASCE Forensic Engineering Division

REPRESENTATIVE EXPERIENCE

Virginia Tech, Cheatham Hall, Settlement Investigation, Blacksburg, VA / Senior Geotechnical Engineer

Rob provided geotechnical consulting services with a geotechnical report summarizing the document/historical site review, field investigation, field and laboratory test results, and recommendations for slab settlement repairs and rehabilitation at the project site.

Radford University, Covington Hall, Settlement Investigation, Radford, VA / Senior Geotechnical Engineer

WDP was contacted by the university concerning cracking and settlement of the exterior building sidewalk and floor settlement within the building auditorium. WDP conducted a geotechnical and structural evaluation including a document review, a visual survey of the as-built condition, Subsurface Penetrating Radar (SPR) surveys, and a coring field investigation to provide conceptual recommendations for potential repairs to the facility.

Loudoun County General Services, Loudoun Heights Fire Rescue Station 26, Purcellville, VA / Sr. Geotechnical Engineer

Rob led WDP's geotechnical investigation as part of the assessment into the probable cause(s) of apparent settlement within the building. WDP provided a report summarizing the investigations, laboratory test results, and geotechnical design recommendations.

Virginia Community College System (VCCS) – Rappahanock Community College, Geotechnical Investigation, Saluda, VA / Sr. Geotechnical Engineer & Special Inspections Engineer of Record

WDP developed and managed a field investigation to provide the college with geotechnical repair recommendations for building settlement issues. Rob developed, implemented, and managed the geotechnical engineering services to provide helical pier underpinning repair recommendations and design for building settlement issues. Rob served as SIER for helical pier underpinning installations.

Previous Experience

In the last five years alone, we have worked on 18 projects in West Virginia—from Charleston to Morgantown to Snowshoe; our services have included evaluating and designing repairs to the exterior of buildings, structural stability of existing building components, investigating air and water infiltration issues, evaluating the hygrothermal properties of existing wall assemblies, and providing repair recommendations.

West Virginia Experience

An abbreviated list of some of our West Virginia projects follows below.

- City of Charleston – Municipal Auditorium - *Condition Assessment*
- City of Morgantown, Morgantown City Hall Initial Investigation - *Field Survey of the Masonry Façade*
- Fort Martin Cooling Tower - *Concrete Repairs*
- Kanawha United Presbyterian Church – *Condition Assessment*
- Public Service Commission of West Virginia – Public Service Commission Building
  - *Façade Replacement*
  - *Garage Structural Repairs*
- The Senate of West Virginia – Supreme Court of Appeals Law Library - *Flooring System Evaluation*
- Tucker County Courthouse – *Annex Investigation*
- Tyler County Schools - *Building Envelope Survey*
- West Virginia General Services Division (GSD) – State Capitol
  - *House Chamber Ceiling*
  - *Clay Tile Repairs*
  - *Dome Moisture Intrusion*
  - *Roof Walkway*
  - *North Stair Evaluation & Repair Design*
- West Virginia GSD – State Office Buildings 5, 6 & 7 – *Building Assessments & Renovations*
- West Virginia GSD – Building 35 (Diamond) *Survey*
  - *Roof & Parapet Repairs*
- West Virginia GSD – Building 37 (Department of Environmental Protection) - *Condition Assessment*
- West Virginia University, Engineering Sciences Building - *Façade Investigation*
- West Virginia University, Evansdale Dormitory Towers - *Building Envelope Investigation and Repair Design*
- West Virginia University, Health Science Center - *Façade and Roofing Investigation & Repair Design*
- West Virginia University, South Agricultural Sciences Building - *Façade Replacement*

Geotechnical & Structural Engineering Contracts

WDP is a trusted resource for many counties and agencies, often having contracts extended for several terms. Our longstanding relationship with these clients is testimony to our commitment to providing quality services that consider the project-specific needs of our clients. Since 2010, WDP has maintained a 96% term contract renewal rate. The consistent quality of our services has allowed us to build solid client relationships over the years and maintain a reputation of excellence in our field.

An abbreviated listing of our current term contracts with clients who we have provided similar services for follows.

INSTITUTION	CONTRACT SERVICES	CONTRACT SINCE

College of William & Mary in Virginia/Virginia Institute of Marine Science	Term Contract for Structural Analysis, Design and Special Inspection Services	*2005*
Virginia Community College Systems	Term Contract for Engineering Services	*2018*
City of Alexandria / Alexandria City Public Schools	Engineer of Record (EOR): Structural Engineering	*2020*
Loudoun County Department of Transportation & Capital Infrastructure	Geotechnical Engineering and Soil Scientist Services	*2020*
Prince William County Department of Public Works	On-Call Architectural Engineering, Construction, Geotechnical, and Commissioning Services for Capital Projects (Geotech Design & Construction Inspection/Testing Services)	*2008*
Prince William County Department of Transportation	Engineering, Design, Construction Administration/ Management Services - Geotechnical Services	*2019*
Stafford County	Construction Engineering Inspection (CEI) Services	*2022*
Fairfax County Public Schools	Construction Testing and Inspection Services, Capital Improvement Projects	*2017*
Fauquier County Government & Public Schools	Open-End A/E Services, Structural & Geotechnical Engineering Services	*2009*
Loudoun County Public Schools	Geotechnical and Construction Testing Services	*2013*
Prince William County Schools	Geotechnical Engineering and Testing & Inspection Services	*2005*
Stafford County Public Schools	Architectural/Engineering Services (Geotechnical, Structural and Roof Engineering Services)	*2013*

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: 1700463	**Reason for Modification:**
Doc Description: Elkins Readiness Center Floor Repair Design EOI	
Proc Type: Central Purchase Order	

Date Issued	Solicitation Closes	Solicitation No	Version
2025-06-25	2025-07-10 13:30	CEOI 0603 ADJ2500000025	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000201742
Vendor Name : E.T. Boggess Architect, Inc.
Address : PO Box 727
Street : 101 Rocklege Avenue
City : Princeton
State : West Virginia **Country :** USA **Zip :** 24740
Principal Contact : Todd Boggess
Vendor Contact Phone: 304-425-4491 **Extension:**

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X Todd Boggess **FEIN#** 55-0515917 **DATE** July 10, 2025

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) Todd Boggess, President/CEO

(Address) PO Box 727 / 101 Rocklege Ave., Princeton, WV 24740

(Phone Number) / (Fax Number) (P) 304-425-4491 / (F) none

(email address) todd@etbarchitects.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, 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.

E.T. Boggess Architect, Inc.
(Company)

Todd Boggess, President/CEO
(Signature of Authorized Representative)

Todd Boggess, President/CEO / July 10, 2025
(Printed Name and Title of Authorized Representative) (Date)

(P) 304-425-4491 / (F) none
(Phone Number) (Fax Number)

todd@etbarchitects.com
(Email Address)

ARCHITECTS

Letter of Transmittal

7/3/2025

TO: Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305

Project:
Elkins Readiness Center
Floor Repair

Atten: David H. Pauline

Sending Via:
UPS

Subj: Qualifications

CODE LEGEND

- ☐ 1. For payment
- ☒ 2. For your review
- ☒ 3. For your files/use
- ☐ 4. For your signature
- ☐ 5. As requested
- ☐ 6. Owner keeps 1
- ☐ 7. Send 1 to Contractor
- ☐ 8. Return 1 to ETB
- ☐ 9. Office Copy

# of copies	DATE	DESCRIPTION	CODE
1		Statement of Qualifications - Hard Copy	2
1		Statement of Qualifications - Electronic	3
1		Set of Purchasing Documents (Bound in Section 6)	3

REMARKS:

Thank you for this opportunity and we look forward to hearing from you.
todd@etbarchitects.com

Signed: Todd Boggess, AIA, NCARB, Architect

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:	1700463
Doc Description:	Elkins Readiness Center Floor Repair Design EOI
Proc Type:	Central Purchase Order
Reason for Modification:	

Date Issued	Solicitation Closes	Solicitation No	Version
2025-06-25	2025-07-10 13:30	CEOI 0603 ADJ2500000025	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: 000000201742
Vendor Name : E.T. Boggess Architect, Inc.
Address : PO Box 727
Street : 101 Rocklege Avenue
City : Princeton
State : West Virginia **Country :** USA **Zip :** 24740
Principal Contact : Todd Boggess
Vendor Contact Phone: 304-425-4491 **Extension:**

FOR INFORMATION CONTACT THE BUYER
David H Pauline
304-558-0067
david.h.pauline@wv.gov

Vendor Signature X Todd Boggess **FEIN#** 55-0515917 **DATE** July 10, 2025

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) Todd Boggess, President/CEO

(Address) PO Box 727 / 101 Rocklege Ave., Princeton, WV 24740

(Phone Number) / (Fax Number) (P) 304-425-4491 / (F) none

(email address) todd@etbarchitects.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wv*OASIS, 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.

E.T. Boggess Architect, Inc.
(Company)

Todd Boggess, President/CEO
(Signature of Authorized Representative)

Todd Boggess, President/CEO / July 10, 2025
(Printed Name and Title of Authorized Representative) (Date)

(P) 304-425-4491 / (F) none
(Phone Number) (Fax Number)

todd@etbarchitects.com
(Email Address)