

PIPESTEM STATE PARK MCKEEVER LODGE

Structural Repairs and Improvements



for the West Virginia Division of Natural Resources

RECEIVED

2013 SEP 16 AM 10:27

WV PURCHASING
DIVISION

E. T. BOGGESS, ARCHITECT, INC.





Mr. Guy Nisbet, Senior Buyer
Department of Administration
Purchasing Division
2019 Washington Street, East
Charleston, WV 25305

September 17, 2013

REF: DNR214016

Dear Mr. Nisbet:

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 and specialized expertise. Our team is comprised of highly qualified firms versed in:

- Architectural Design Services for the State of WV
- Building Analysis and Evaluation
- Structural Analysis, Evaluation and Design
- Construction Administration

I will be your architect and will be the person-in-charge for all aspects of the project. Our team is very familiar with the services provided and the spaces required by the DNR, especially at Pipestem State Park. We understand and appreciate the challenges that state agencies face and believe we offer the service, knowledge and experience you will need to successfully accomplish the structural repairs and other improvements at McKeever Lodge with as little disruption to the daily operations of the park and its visitors as possible.

The ETB Team stresses a focus on client issues and mutually defined project objectives. Through this focus, we can assure the West Virginia Division of Natural Resources that needs and project issues will be clearly identified and addressed through an engaged, interactive programming, design, and construction process. Our design process will be conducted with an attention to detail, creative problem solving and passion towards project success. We value this opportunity to serve you and look forward to personally presenting our credentials.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd Boggess', is written over a faint, larger version of the signature.

Todd Boggess, AIA, NCARB, Architect
President

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Qualifications & Technical Expertise

McKeever Lodge at Pipestem State Park

The E.T. Boggess, Architect, Inc., team understands the challenges facing the WVDNR as you make the necessary structural repairs and other improvements at McKeever Lodge. Improving and upgrading our state parks will serve the needs of our residents, as well as visitors to our state. The tourism industry is vital to our state's economy and southern West Virginia has a number of venues that are continuing to attract individuals who appreciate everything Pipestem has to offer. The expansion of the Hatfield/McCoy Trail and the need to provide riders with options for their visit to our area is a major concern. Also, preparing for the Boy Scout World Jamboree and the potential that exists to showcase to the world what our state has to offer will become a major focus in the near future.

ETB has a great deal of experience with government and recreational facilities, both new and renovations. We have provided and continue to provide various state agencies with a variety of services. Over the years, we have accomplished several projects at Pipestem State Park, including:

- ✓ Conference Center Addition
- ✓ Kitchen Renovations
- ✓ Connecting Walkway
- ✓ Picnic Shelters
- ✓ Clubhouse Deck
- ✓ Golf Course Toilets



Pipestem Conference Center Addition



Qualifications & Technical Expertise

Our team includes Stafford Engineering, Inc., a well-respected structural engineering firm located right here in Princeton. SCI has worked with us on projects throughout the state for the WVDOH and WVHEPC. Their experience and understanding of the local area, as well as our excellent relationship with them, will be vital to the success of this project.

The ETB team of professionals understands and appreciates the services provided by the WVDNR. We have a history of successful projects and our involvement on past renovations and upgrades, as well as our familiarity with Pipestem, uniquely qualifies us for this project. We appreciate the opportunities you have given us in the past and look forward to working with you again.

Philosophy

Communication, collaboration, and consensus are the three elements we feel are essential to the planning, design and building process. The architect is responsible for the finished product, but the design process must include guidance and review by you and representatives from the various agencies. Our goal is to develop a “*partnership*” with our clients – a relationship that includes a long-term commitment, trust, and shared vision.

ETB 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. As with all our renovations projects, we strive to ensure that the original atmosphere is maintained.

Methods

The Integrated Design Process is our process of design in which the users, owners, and the ETB team (architects and engineers) and project participants 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 the many disciplines and users involved throughout the design, documentation, and administrative functions of the project.

Utilizing the interactive design approach will best serve the needs of the WVDNR by allowing us to better identify your objectives and produce long-term solutions. 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. All team members participate in and monitor this plan.
- **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.



Qualifications & Technical Expertise

Project Management - Our project managers provide extraordinary 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 thru early and consistent collaboration among all the design disciplines. This will result in opportunities and challenges being discussed and addressed as we proceed thru the design process.

Cost Management - We believe that the management of cost and/or risk 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 repairs and improvements that will need to be accomplished. We also believe that the evaluation of cost must extend beyond the cost of construction, and consider the costs of operations, human resources, energy and sustainability. Providing up-to-date cost projections should assist us in satisfying any budget constraints.

Project Schedule Management - Completing projects on time requires effective schedule management and a commitment of the entire project team including the designated DNR representatives at the state and local level, and the design team. 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. Renovations also require special attention to scheduling as the work needs to be accomplished with as little disruption to normal park activities as possible.

Construction Administration – 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. We also strive to assist you in understanding the construction process. The architect, serving as a construction administrator, observes construction for conformity to construction drawings and specifications.

Services/tasks we provide include . . .

- Establish lines of communication.
- Maintain and distribute paperwork/records.
- Respond to contractor's requests for information.
- Track changes in construction documents.
- Review contractor's requests for payment.
- Review shop drawings and product information.
- Prepare field reports and records.
- Supervise completion and closeout.
- Assist with any post-occupancy issues.

Our team is located just ½ hour from the project site. While we are always committed to providing quality CA services, our proximity to the site will allow us to even better serve your needs. We, including our structural engineer, can be on-site periodically or at a moment's notice. However, today's technology makes it easier than ever to stay in contact and share ideas and information over the internet.



Qualifications & Technical Expertise

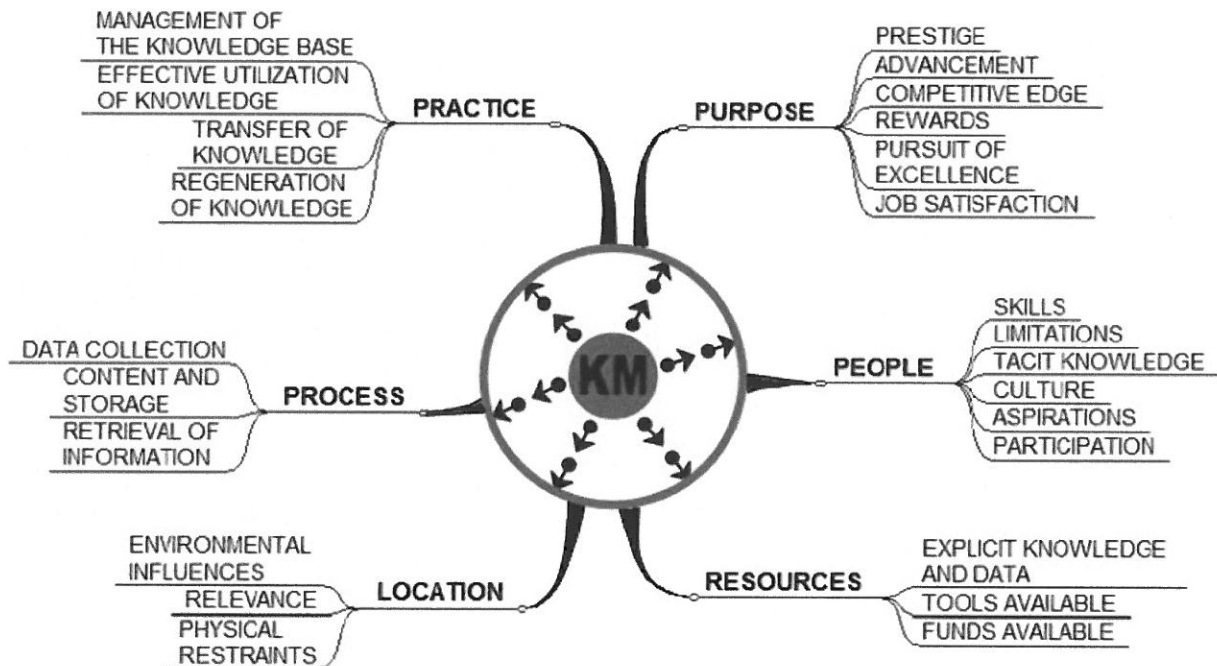
Technical Expertise - Information Management

As mentioned previously, project coordination is ETB's responsibility. A very effective tool we utilize in this process is a standard format dedicated website. The website, created in-house, is a key communication component for sharing all types of project information. The owner has immediate access to everything from design plans, imagery, and construction documents to submittals, submittal logs, field reports, and meeting minutes. This has been a very valuable and effective tool to ensure quality control/assurance standards are being maintained.

The following pages outline the information that can be included and gives an example of a current website.



Qualifications & Technical Expertise



CRITICAL ELEMENTS OF KNOWLEDGE MANAGEMENT
Source: 'A Model for Knowledge Management' by Roy Morum

PROPOSED PROJECT WEBSITE

As a service to the client and for the sake of efficiency, ETB creates an online (secured and password protected) website for each project which functions as a project management tool. The site gives the project team direct access to project information and we consider that effective Knowledge The Project Website is designed with a simple interface – for ease of access by hand-held devices and slower computers and on site, where web-access has limitations Management is the key to the success of the project. This method has proved most successful on our projects – keeping the client and the team members well informed and insuring that the latest information is always readily available.

We maintain the site after the project is complete and this can provide the client with a valuable resource for ongoing Facilities Management.

The site has the following main information areas which may be expanded or adapted to meet the particular needs of the project:

Qualifications & Technical Expertise

Home Page

General information such as project description site location and site information.

Navigation Map

An outline of the Site Navigation structure.

Administration

All the latest administration documentation will be kept here, such as:

- Site Minutes
- Status Reports
- Field Inspection Reports
- Change Orders

Documents-Drawings

This is the working area of the Web-Site and will include an interface for Transfer of documents via FTP. The sections include:

- Drawings Index & Revisions (The latest revisions are always shown on this index)
- Specifications & Keynotes
- LEED Documentation
- Drawings.(In CAD and PDF format)
- Updated cost, project pricing info

Graphics

The Graphics page will provide an interface to view to Concept Models etc.

- Concept Graphics.
- Site Images.
- Job Camera
- Rendered Images.

Project Schedule

The latest version of the following will be kept here:

- Project Schedule
- Project Milestones
- Project Meetings/ Calendar
- Current Site Weather conditions



Qualifications & Technical Expertise

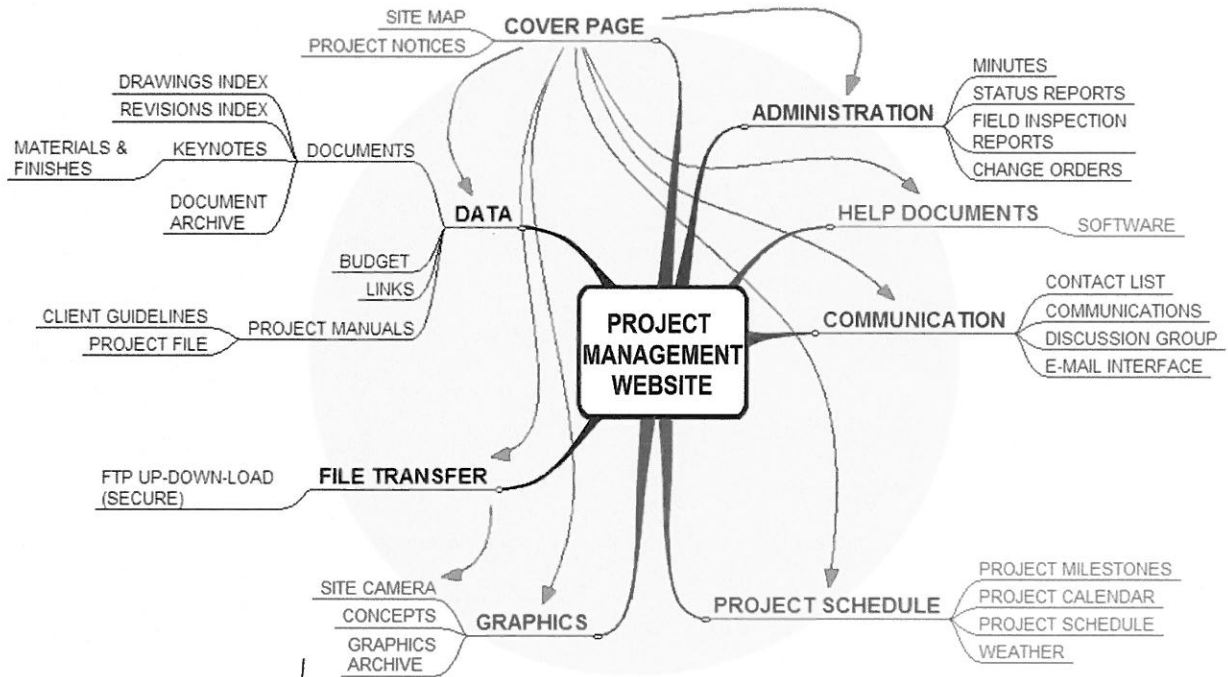
Communication

This page provides all the latest contact details of the parties involved in this Project. The sub-sections include:

- Contact List
- Communications
- Discussion Group
- E-mail interface

Help Documents

This page provides assistance on any issue related to the Project and the Web-Site. Software required for the use of this site (such as drawing viewers) can also be downloaded here.



WEBSITE MAP - As developed and managed by ETB architects



Qualifications & Technical Expertise

E. T. BOGGS ARCHITECT INC
 90 Elm St | 101 Rockledge Ave, Princeton WV 24760-0737
 951.354.425 (443) Fax: 354.425.3038
<http://www.etbarchitects.com>

West Virginia Army National Guard / U. S. Army Reserve

ARMED FORCES RESERVE CENTER (AFRC)

Randolph County, Elkins, West Virginia

PROJECT ADMINISTRATION MANAGEMENT HOME PAGE

WORKING PROJECT WEBSITE FOR CONSTRUCTION PHASE. AUTHORIZED ACCESS ONLY ALLOWED

DISCLAIMER: This website is maintained for convenience, and ease of communication only. No, insulation, communication, or other document contained herein will be considered valid in terms of the contract. All data information must be verified against the contents of the original authorized document. Information contained herein will not relieve the contractor of the responsibility for maintaining proper documentation and administration of other obligations within the contract obligations.

[CONTACTS](#) | [CONSTR-ADMIN](#) | [KEYNOTES](#) | [DWG INDEX](#) | [DWG FILES](#) | [PROCEDURES & DATA](#)

PROJECT NOTICES

Preliminary bid dates proposed
Elkins AFRC - Utility Extension Contract

ADVERTISEMENT
PRE-BID MEETING
ACCORDIUM #1
LAST DAY FOR QUESTIONS
ACCORDIUM #2
BID OPENING
REVISED DATES TO BE SUBMITTED

See Fire Marshall Reports

MEETINGS
Meetings are generally to be held every two weeks on Thursdays at 10am.

Conference Call Information:
Ready-Access Number: 8005032699
7-Digit Access Code: 7836660

PROJECT DESCRIPTION

The Elkins Armed Forces Readiness Center (AFRC) consists of the primary facility, military equipment parking (MEP), and privately owned vehicle (POV) parking. The primary facility will be located in an 84,200 square-foot, single-story building with a drill hall.

The site is located approximately 8 miles west of Elkins, West Virginia and borders on U.S. Route 33 (Cinder Hill), a four-lane highway with limited access control. A new two-lane access road will be required up the hill to the usable area of the property.

The site is approximately 112 acres and site occupies a hill on a large bend of the Tygart Valley River, with a large, mildly sloping hilltop and moderately steep - to steep slopes down to the river. Approximately 50 of the 112 acres are wooded with another 22 acres of undeveloped open fields covered by pine trees and grasses. The site drains directly into the Tygart Valley River. A drainage channel will be required to convey the stormwater from the proposed facility down the steep hillside to the river. Email Feedback

MEETING SCHEDULE - 2010 (Thursdays)
06-03-2010 / 06-17-2010
07-01-2010 / 07-16-2010 / 07-29-2010
08-12-2010 / 08-26-2010
09-06-2010 / 09-20-2010
10-07-2010 / 10-21-2010
11-04-2010 / 11-18-2010
12-02-2010 / 12-16-2010 / 12-30-2010

MEETING SCHEDULE - 2011 (Thursdays)
TBD

CONSTRUCTION ADMINISTRATION
Click on this heading to go to the Construction Administration page. This area is for the management and storage of Contract Documentation and the coordination of Drawings, RFIs etc.

PROCEDURES & DATA
Click on this heading to go to this page - to document project data and specific procedures established as the project progresses.

CONTACTS
Click on this heading to go to Contact names and addresses of the Client / Consultant / Contractor project team.

DRAWING INDEX
Click on this heading to go to a list of all current drawings issued.

DRAWING FILES
PDFs and CAD files may be downloaded here.

PROJECT KEYNOTE TAGS
Keynote tags are as referenced on the drawings. This schedule includes color references for materials - all for final verification by submittal.

WEBSITE MAP
SEE CONSTRUCTION-ADMINISTRATION PAGE

FTP SITE ACCESS

Click here to contact Web Administrator for access details.

[CONTACTS](#) | [CONSTR-ADMIN](#) | [KEYNOTES](#) | [DWG INDEX](#) | [DWG FILES](#) | [PROCEDURES & DATA](#)

Elkins, WV

Scattered Clouds
 Humidity: 80%
 Visibility: 6 miles
 Wind: Calm

54 °F

Technical: 11:05 AM
 06/14/2010

RULES OF COPYRIGHT APPLY STRICTLY TO THE FULL CONTENT OF THIS WEBSITE
Contact Webmaster | Email Feedback

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CONSTRUCTION ADMINISTRATION | CONTACTS | KEYNOTES | DRAWINGS INDEX | DRAWING FILES | PROCEDURES & DATA

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TYPICAL PROJECT WEBSITE -by ETB architects

History

E. T. Boggess, Architect, Inc., is a 12 person architectural firm located in Princeton, West Virginia. Our firm was established in 1966 by Ted Boggess and has been successful 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, now, partners is both exciting and rewarding as the practice continues to flourish and evolve.

Reputation

Our firm lives or dies by its reputation. We work for "Pride in Product" and are confirmed by the amount of repeat business we can truthfully claim.

The architects at ETB are well-respected for their high ethical standards, as well as professional and civic activities. They are frequently asked to serve as expert witnesses and arbitrators in legal disputes. They have also been selected to serve on various local, state and national committees. These committees cover areas from determining local zoning ordinances to reviewing and developing educational requirements for future architects, to preserving West Virginia's historic architecture.

Attitude

Bigger is not always better. ETB has purposely controlled size in order to maintain personal involvement and quality control. We feel that it is important to maintain close client contact and availability to respond to your needs and address any situations that may arise. Your project will not get lost in the shuffle. We are, however, of sufficient size and capabilities to accommodate the needs of these projects, as well as ensuring 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 projects' needs are satisfied.

Teamwork

All projects and, thus, our services are not as much dependent on our design abilities as architects, but rather on our commitment to perform and implement a set of standards and design that responds to the needs of our client. In house, ETB actually functions as a team of consultants with the strengths and abilities emphasized in their role within the team. Our expertise, in particular, is very strong with regards to communication and information management, unique design solutions, construction documentation, project administration, and quality control. These areas of expertise are represented by the team members that will be highly involved with the documentation of proposed structural repairs and other improvements.

Throughout West Virginia, we have developed relationships with government agencies, 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 State Fire Marshal's Office in Charleston at regular intervals during the design process.



Experience

Over the past 47 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 strength is in the delivery of appropriate and analytical solutions for complex projects and doing so within restricted budgets and time constraints.

ETB was one of the first architectural firms in the state to implement the use of computer-aided design and drafting into the everyday practice of architecture almost thirty years ago. Today we continue to lead the industry as we utilize photorealistic imagery through computer modeling and digital photography. The building 3-D model and associated imagery can be developed early in the design process for your presentations. This helps everyone better understand design approaches and project contextual relationships within a setting.

Our firm has been very fortunate over the past ten years to be involved with various state and local government agencies on projects of varying scope and budgets. The majority of our work during the past decade has been public-use projects, with only about 25% representing financial institutions, residential, religious, recreational, and health & fitness for private organizations.

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 . . .
 - within the office
 - with outside consultants
 - with regulatory officials
 - with representatives from DNR and Pipestem State Park

- Quality management throughout entire project - *Website*
- 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*
- Education and Training in-house (staff mentoring) – *Continuing Education*
- Go the extra mile whenever necessary – *Service Oriented*



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 thru 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
 - Regular/scheduled project meetings
- Share lessons learned from recent similar projects, include value engineering
 - Up-to-date detailing
- In-house reviews to address issues with constructability and budget restraints
- Utilize past experiences related to construction administration
 - Address before issue or occurrence
- Provide post construction administration services to be utilized on future projects
 - Every project or opportunity can be a learning experience for continued growth to better serve clients





Stafford Consultants, Inc. Profile

Stafford Consultants Inc. was formed in 1985 from a core group of employees of Gates Engineering Company. After many successful years of operation, Gates Engineering Company was bought by a large design / build firm that later decided to divest the consulting engineering firm. Two original partners and five other employees remain with the firm since its inception.

Currently, Stafford Consultants employs a total staff of twenty, including four registered professional engineers. Our high ratio of professional to total employees is indicative of the importance we place on providing professional service to our clients. Mr. Edward L. Shutt, P.E. now serves as president of the firm.

Our firm is a full service Engineering firm that provides services in Civil, Structural, Highway, Bridge, Airport, Environmental, and Sanitary Engineering. We have been providing engineering services for water, sewer and general civil projects for more than twenty seven years. Although our main emphasis is toward the municipal utility market, our firm is highly qualified and capable of completing varied civil and structural projects. The football stadiums at West Virginia and Marshall University, buildings at Virginia Tech, sidewalks for the City of Princeton, artificial turf for the Princeton Senior High School football field, and master planning of athletic facilities at Virginia Tech and Marshall are prime examples.

Stafford has provided site civil and structural engineering design services in association with architectural firms since the firm was founded. Representative projects include Chapmanville High School, Parkersburg High School, Parkersburg South High School, Williamstown High School, Hilltop Elementary School, Wheeling Park High School, Cameron High School, the Chuck Mathena Center for Performing Arts in Princeton, and the Merriman Athletic Facilities Building at Virginia Tech.

All structural projects and site civil projects at Stafford are managed by Kenneth R. Crowe, P.E. Kenneth has over thirty years of structural, transportation and site civil engineering experience. He is assisted in this work by Kevin Smith, engineering technician, and Don Parsons, CADD technician. Kevin is experienced and particularly adept at site grading, pavement, drainage, and water and sewer layout. Don has worked closely with Kenneth for more than fifteen years on drafting of structural projects.



The Merriman Athletic Facilities Building at Virginia Tech and the tennis court at Williamstown High School are representative of Stafford's structural and site development capabilities.



Governmental – New Construction:

- Mercer County Courthouse Annex, Princeton, WV
- WV Army National Guard Readiness Center, Elkins, WV
- WV Tourist Information Center, Princeton, WV
- WVDOH District 10 HQ Complex, Gardner, WV
 - Office Building
 - Maintenance Building
 - Bridge/Sign Shop
 - Lab Building
- WVDOH District 6 HQ Complex, Moundsville, WV
 - Office Building
 - Maintenance Building
 - Bridge/Sign Shop
- WVDOH District 9 Office Building, Lewisburg, WV
- WVDOH District 1 Office Building, Charleston, WV
- WVDOH District 8 Equipment Shop, Elkins, WV
- U.S. Social Security Offices for the GSA, Welch, WV
- U.S. Social Security Offices for the GSA, Williamson, WV
- Princeton Railroad Museum (*Historical Re-creation*), Princeton, WV
- Bramwell Coal Interpretive Museum (*Historical Re-creation*), Bramwell, WV
- Mercer County Health Center, Bluefield, WV
- Mercer County EOS/911 Center, Bluefield, WV
- Mercer County Civil Air Patrol Hanger and Headquarters, Bluefield, WV
- WV Community & Technical College System / Higher Education Policy Commission
 - Advantage Valley Advanced Technology Center, So. Charleston, WV
 - North Central Advanced Technology Center, Fairmont, WV
 - New River Community & Technical College Headquarters, Beaver, WV

Governmental – Additions and Renovations:

- Princeton Public Library, Princeton, WV
- City Hall/Municipal Building, Princeton, WV
- Pipestem State Park Conference Center, Pipestem, WV
- Greenbrier County Convention & Visitors Center, Lewisburg, WV
- U.S. Social Security Offices for the GSA, Bluefield, WV
- Mercer County Courtroom for the new judge, Princeton, WV
- Mercer County Memorial Building, Princeton, WV
- Mercer County Courthouse Energy Upgrade, Princeton, WV
- Department of Health & Human Resources, Welch, WV
- Division of Motor Vehicles, Welch, WV
- Hatfield/McCoy Trailhead Office, Bramwell, WV
- Hatfield/McCoy Trails Office, Lyburn, WV
- Rupert Public Library, Rupert, WV
- Wyoming County Senior Center for the Council on Aging, Oceana, WV
- Richwood Visitor's Center, Richwood, WV
- Beckley Financial Center – IRS Offices for the GSA (*Adaptive Re-use*), Beckley, WV
- WV Community & Technical College System / Higher Education Policy Commission
- New River Community & Technical College Arts & Sciences Building,
Lewisburg, WV

Governmental – Town Renovations:

- East Mercer Streetscape Project and Farmer's Market Square, Princeton, WV
- Downtown Bluefield Streetscape Project, Bluefield, WV
- Downtown Bluefield Technology Infrastructure Loop, Bluefield, WV
- Chicory Square Coal Interpretive Area, Bluefield, WV
- Princeton City Park Amphitheater Feasibility Study, Princeton, WV



Project Information

E.T. Boggess, Architect, Inc.

Project	Type	Goals	Size	Cost	Comp.
WVARNG Readiness Center Location: Elkins Project Manager for the WVARNG: Dan Clevenger - 304-561-6451	New	Provide offices, classrooms, kitchens, showers for local armed forces to train & prepare. Serve as base of operations in emergency.	56,000 sf	\$15.5 mil	2012
WVDOH District 9 Office Building Location: Lewisburg Project Manager for the WVDOH: Greg Hylton - 304-647-7450	New	Provide centralized office and meeting room for DOH district operations.	28,000 sf	\$3.5 mil	2011
WVDOH District 1 Office Building Location: Charleston Project Manager for the WVDOH: Brian Tackman - 304-356-3820	New	Provide centralized office and meeting room for DOH district operations.	28,000 sf	\$5.5 mil	Under Con.
Advantage Valley Advanced Tech Center Location: So. Charleston	New	Three educational facilities with similar objectives - address needs of WV C&TCS program. Provide classrooms, labs, offices, and high-tech learning environment for secondary education programs that can be modified easily to satisfy market/demand.	50,000 sf	\$15 mil	Under Con.
North Central Adv Tech Center/Allied Health Location: Fairmont	New		60,000 sf	\$17.4 mil	Bid 2013
New River Headquarters & Allied Health Location: Beckley Project Manager - Chancellor of the WVC&TCS James Skidmore - 304-558-0265	New		72,500 sf	\$15 mil	Under Con.
Princeton Public Library Location: Princeton Project Manager - then City Librarian Connie Shumate - 304-384-5366	Ren	Renovate former historic USPO to accommodate needs of public library including book stacks, offices, storage, conference rooms, computer lab area, and improved access.	14,000 sf	\$3.8 mil	2010

PIPESTEM STATE PARK CONFERENCE CENTER

Pipestem



PROJECT DETAILS

owner/district:
WV DNR

year:
1999

size:
20,000 sf

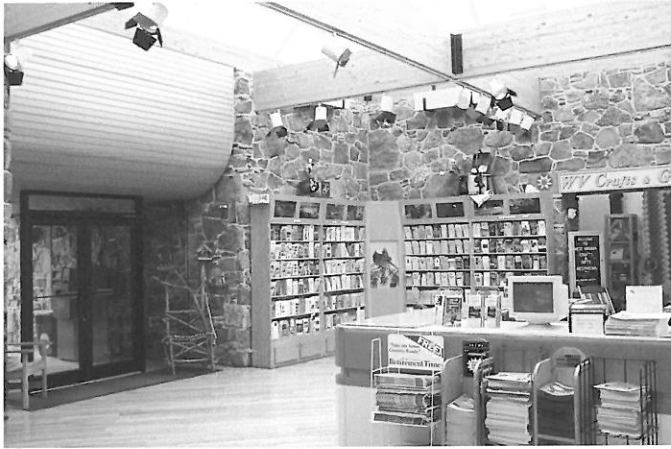
The Pipestem Conference Center Project involved a two-story addition to the Mc-Keever Lodge. The project centered around the addition of a multi-purpose conference area that can accommodate a single, large group or be divided with panels for multiple, smaller groups.

The kitchen area was also renovated during this project. In order to allow for ADA compliant access, an enclosed, connecting bridgeway was designed.



WV TOURIST INFORMATION CENTER

Princeton



PROJECT DETAILS

owner/district:
WV Parkways Authority

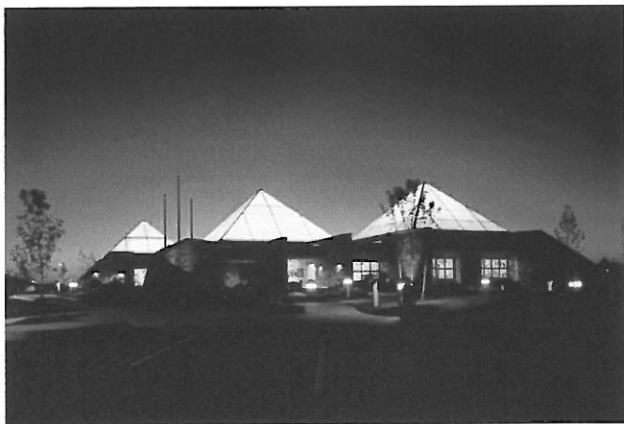
year:
1992

size:
7,200 sf

The West Virginia Tourist Information Center is "composed" of three pyramid-shaped skylites (41' x 41', 33' x 33' and 29' x 29') that enclose a large main exhibit hall with the information desk, multi-use small exhibit hall with a mezzanine level, and restroom facilities. The seemingly "high-tech" design is complimented by incorporating a dry, stacked stone wall and split-rail fence into the landscape and by utilizing an exposed wood framing system.

West Virginia products were used throughout the project, including hardwood flooring, "Terne" roofing and native field stone. Local artisans also have their creations on display. Over 100,000 people per year visit the facility which is located ten miles from the border at the intersection of I-77/460.

1994 WVAIA Merit Award Winner



WV ARMY NATIONAL GUARD READINESS CENTER

Elkins, West Virginia



MAIN ENTRANCE / LOBBY

PROJECT DETAILS

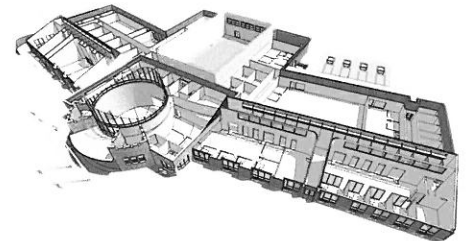
owner/district:
WV Army National Guard

year:
2011

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 learning.

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



COMPUTER VISUALIZATION

MERCER COUNTY COURTHOUSE ANNEX

Princeton

PROJECT DETAILS

owner/district:
Mercer County Commission

year:
2005

size:
36,000 sf

The Mercer County Courthouse Annex brings together various county offices that were previously scattered into one facility. The annex houses the magistrate's offices, prosecuting attorney, family law master and juvenile probation. ETB worked with the WV Supreme Court's deputy director of technology, Kit Thornton, early in the design process in order to ensure that the equipment, wiring and security system satisfies the current and future demands of the court system.

According to Mr. Thornton, the annex is "one of the nicest, most technically advanced judicial facilities in the state."



WV DOH DISTRICT TEN COMPLEX

Gardner



PROJECT DETAILS

owner/district:
WV DOH

year:
1997

size:
various

ETB provided the original complex design for District Ten, which included an office building, a maintenance building (now called the 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 design brings together a variety of services and functions that were previously scattered throughout the district onto a single, campus-like setting. This lay-out has been very effective and is being repeated throughout the state.

These buildings are being utilized by the DOH at districts throughout the state. District Six has completed all but the lab building. District Nine has completed only the main office building. The office building for District One is currently under construction and should be completed early in 2014.



WV DOH DISTRICT SIX COMPLEX

Moundsville



PROJECT DETAILS

owner/district:
WV DOH

year:
2000 thru 2008

size:
various

ETB provided the original complex design for District Ten, which included an office building, a maintenance building (now called the 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 design brings together a variety of services and functions that were previously scattered throughout the district onto a single, campus-like setting. This lay-out has been very effective and is being repeated throughout the state.

District Six, shown here, has completed the Office Building, Maintenance Building, and Bridge and Sign Shop.



WV DOH DISTRICT NINE OFFICE BUILDING

Lewisburg

PROJECT DETAILS

owner/district:
WV DOH

year:
2011

size:
various



ETB provided the original complex design for District Ten, which included an office building, a maintenance building (now called the 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 design brings together a variety of services and functions that were previously scattered throughout the district onto a single, campus-like setting. This lay-out has been very effective and is being repeated throughout the state.

District Nine, shown on the left, has only completed the office building.

The image below is of the District One Office Building under construction.

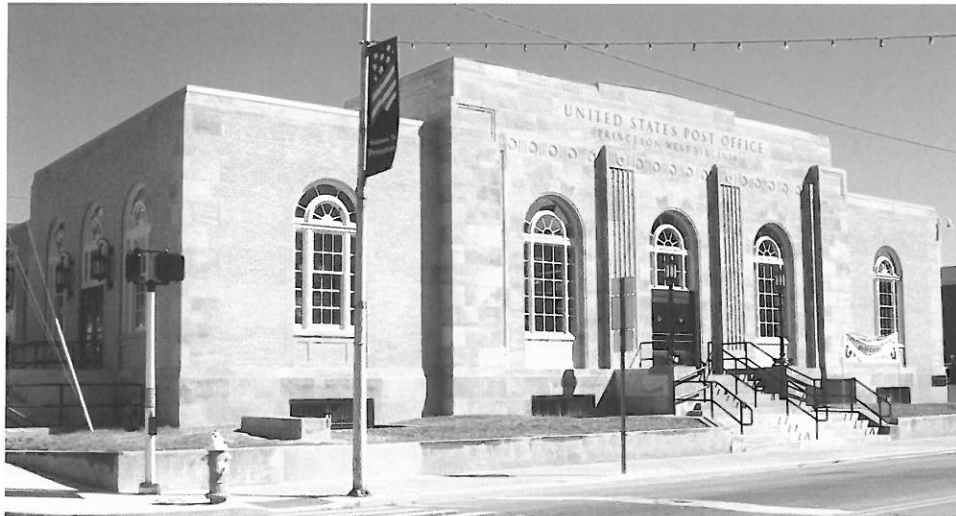


DISTRICT 1 OFFICE BLDG
Under Construction



PRINCETON PUBLIC LIBRARY

Princeton, West Virginia



PROJECT DETAILS

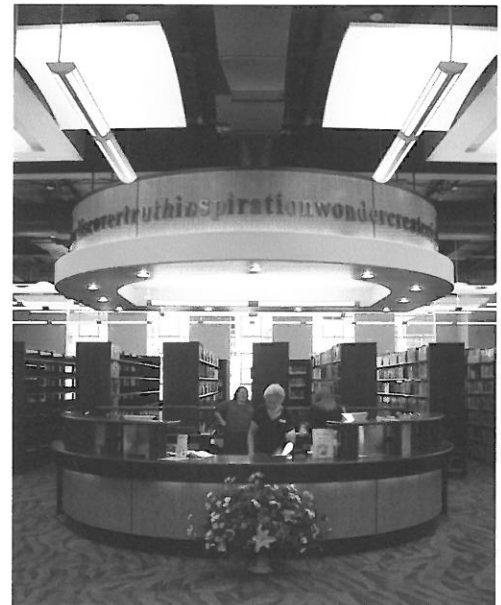
owner/district:
City of Princeton

year:
2010

size:
13,331 sf, (Two Story)

This renovation/adaptive re-use project involved a total interior renovation that transformed the abandoned former USPO building into a new focal point for Mercer Street. In addition to providing much needed space for books, this design enabled the library to have designated spaces for audio/visual, as well as an exclusive West Virginia Room. Activities associated with the operation of the library are easily maintained from the custom designed control desk. The basement offers rooms dedicated to three specific age groups, and an open computer area. State-of-the-art technology public meeting rooms are also located in the basement.

Exterior work involved the restoration of the cut stone & brick, roof replacement and improved access.



GREENBRIER COUNTY CONVENTION & VISITORS CENTER

Lewisburg



PROJECT DETAILS

owner/district:
Greenbrier CCVC

year:
2010

size:
16,800 sf

The design and renovations to the former Yarid's Building allowed the adaptive re-use of a former department store in order to serve as a convention and visitors center. The lower level contains a conference room for public meetings and a large, open floor plan showcases an information desk, displays, kiosks, and computers for use by visitors. The upper level design provided new office space for the Chamber of Commerce, the Development Authority, and two additional rentable units.

The exterior "facelift" included the installation of new windows, awnings, roof and exterior lighting.



BUILDINGS & STRUCTURES

PROJECT: Mathena Cultural Arts Center

Owner:

The Charles “Chuck” Mathena, II
Foundation

Location:

Princeton, West Virginia

Construction Cost:

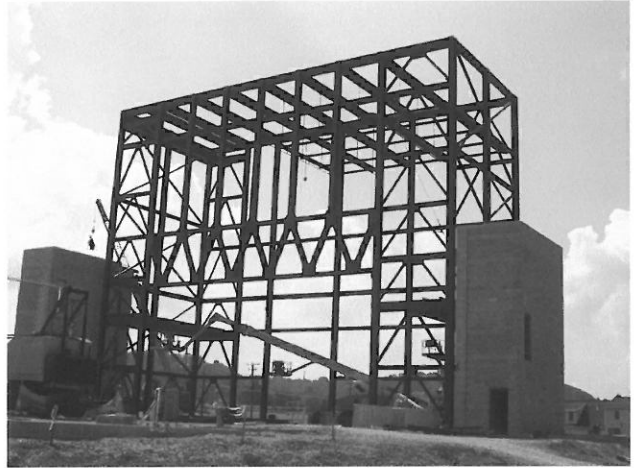
\$10 million

Project Architect-Engineers:

Stafford Consultants, Civil & Structural
In Association with E. T. Boggess,
Architect, Inc., Princeton, WV

Description:

Center for the performing arts and a
multi-use facility featuring a 1,000 seat
auditorium with stage and orchestra pit.
Includes meeting rooms and exhibit hall
with kitchen facilities for receptions,
banquets, etc.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

BUILDINGS & STRUCTURES

PROJECT: Merriman Athletic Facilities Building

Owner:
Virginia Tech

Location:
Blacksburg, Virginia

Construction Cost:
\$6.5 million

Project Architect-Engineers:
Stafford Consultants, Civil & Structural
In Association with Ward/Hall
Architects, Fairfax, VA

Description:
42,000 sq.ft. two story facilities building
located between Cassell Coliseum and
Lane Stadium. Contains weight training
facility, auditorium, offices, meeting
rooms, speed and agility gym and
awards exhibit hall.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

BRIDGES & ROADWAYS

PROJECT: Mullens Bridge

Owner:
West Virginia Division of Highways

Location:
Mullens, Wyoming County, WV

Construction Cost:
\$1.3 million

Project Engineer:
Stafford Consultants

Description:
Three span curved structure over the Norfolk Southern Railroad. Overall length 258'. High performance steel used for flanges. Existing columns used with new cap added for one pier.



 **STAFFORD
CONSULTANTS
INCORPORATED**
Engineering Design and Consulting

STAFFORD CONSULTANTS, INCORPORATED
GENERAL STRUCTURAL and CIVIL DESIGN PROJECTS

Mountain Eagle Distributing Warehouse
Raleigh County Airport Industrial Park

Foundation design for pre-engineered building
warehouse addition.

Ronceverte Elementary School Gym
Ronceverte, WV

Foundation design for pre-engineered building addition
to serve as a gymnasium.

North Central Advanced Technology Center
Fairmont, WV

Foundation design, retaining wall design, CMU wall
design for 32,000 sq.ft. two story structure.

Mercer County Health Center
Green Valley, WV

Foundation design, structural design, and site civil
design for 11,500 sq.ft. one story structure. CMU walls
with steel bar joists.

Oakvale Elementary Schools
Oakvale, WV

Foundation design, structural design, and site civil
design for 26,500 sq.ft. two story structure. CMU walls
with steel bar joists.

Chuck Mathena Center for the Arts
Princeton, WV

Foundation design, partial structural design, and site
civil design for 1,000 seat theater and associated service
areas. CMU and pre-cast concrete walls with steel
frame structure.

Merriman Athletic Facilities Building
Virginia Tech, Blacksburg, VA

Foundation design, structural design, and site civil
design for 24,500 sq.ft. two story structure. CMU walls
with steel frame structure.



RENOVATIONS

The ETB team of professional consultants can provide the WVDNR with all of the services required for the structural repairs and other improvements. In order to successfully accomplish your objectives, we will approach the project by emphasizing the following procedure:

- Establish goals and objectives
- Review building and structural conditions and evaluate needs
- Recommendation concerning areas to repair and/or replace
- List of other improvements to the facility (utilities, telecommunications, and infrastructure)
- Estimate the timing, phasing and projected costs for the project
- Establish project priorities for recommended changes
- Project schedule and final plan

SPECIFIC TASKS

The services listed above will be accomplished in steps. As mentioned previously, we utilize an interactive design approach. We will therefore be involving your designated representatives in order to understand and address your specific needs.

Typically, ETB renovation projects involve 4 phases:

- Investigation, evaluation and report preparation for existing systems and structure.
- Preparation of Preliminary Design Documentation and Preliminary Estimate of Probable Construction Costs (to be provided by Winfield Strock – Estimator)
- Preparation of Construction Documents and Final Estimate of Probable Construction Costs (to be provided by Winfield Strock – Estimator)
- Bidding and Construction Administration Services.

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 structures.
- Conduct a thorough evaluation and inspection of the interior and exterior of the building



Scope of Services

- Perform engineering analysis to establish structural system design criteria including structural loading/uplift capacities, fire resistance ratings, thermal resistance ratings, drainage capacities and other relevant data for evaluation of replacement system compatibility.
- Prepare Condition Assessment Report for the facility. Include plans and photographs documenting on-site inspection/survey observations, lab/test results and moisture surveys (where applicable). Provide narrative summary evaluation of each issue/area of concern that will need to be addressed to conform to codes and standards.
- Meet with designated representatives to present and discuss preliminary findings, including preliminary budget amounts for restoration.

Preliminary Design Phase:

- Prepare preliminary design drawings including plans and typical sections and details.
- Prepare Outline Specifications and Preliminary Estimate of Probable Construction Costs.
- Prepare graphic imagery of proposed renovations to use for fundraising or to gain community support.
- Meet with designated representatives 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 for the facility 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 designated representative with coordination/preparation of non-technical provisions of the contract documents. (Bid Advertisement, safety/security compliance, temporary facilities, utility access, etc.)
- Meet, as necessary, to review progress, discuss proposed design and budget refinements, value engineering proposals and other general coordination issues.
- Ensure that all state required documentation is included with bid packet.



Bidding and Construction Phase:

ETB will provide general administrative assistance to commission and the contractor(s) during the Bidding and Construction Phases including:

- Reproduction and distribution of Construction Documents
- Attendance at pre-bid meeting
- Preparation of addenda
- Review of bids
- Review of contractor submittals
- Review/approval of contractor's applications for payment
- Review/response to RFI and construction change order requests.
- Regular on-site Construction observation and reporting
- Assistance/coordination with governmental/ regulatory agencies
- Preparation of project punch list and sign-off
- Review of project close-out documents/ compliance



Todd Boggess, AIA, NCARB, Architect
President



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 is responsible for . . .

- architectural design and development
- project management and coordination
- computer aided design and visualization
- interior design
- site planning

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.

PROJECTS:

Todd understands the demands being placed on all state agencies as they strive to offer the necessary services to our citizens and their efforts to do so within limited budgets. While he has always incorporated energy efficiency into his designs, the focus on green technologies over the past decade has definitely changed the architectural and construction industries. Todd's designs for every governmental building, both new construction and renovations, must address these requirements and ensure the safety of citizens who will be using the facility, as well as the employees who will be working from their new environment on a daily basis.



Renovations:

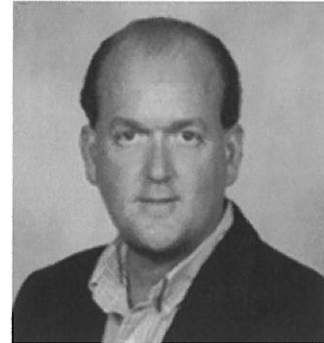
- Pipestem State Park Conference Center Addition & Renovations, Pipestem, WV
- Princeton Public Library, Princeton, WV
- Princeton City Hall, Princeton, WV
- Greenbrier County Convention and Visitors Center, Lewisburg, WV
- Rupert Public Library, Rupert, WV
- Mercer County Courthouse Improvements and Energy Upgrades, Princeton, WV
- U.S. Social Security Offices for the GSA, Bluefield, WV
- Mercer County War Memorial Building, Princeton, WV
- Department of Health & Human Resources, Welch, WV
- Division of Motor Vehicles, Welch, WV
- Welch City Hall/Library (*Renovations and Floodproofing*), Welch, WV
- Hatfield/McCoy Trail Authority Offices, Lyburn, WV
- Hatfield/McCoy Trailhead, Bramwell, WV
- New River Community and Technical College (*Renovations*)
 - Lewisburg Campus – Arts & Sciences Building
 - Ghent Campus – Offices, Classrooms, Labs
- Beckley Financial Center – IRS Offices for the GSA, Beckley, WV
- Dermatology Clinic of SW Virginia, Bluefield, VA
- Ollie's Bargain Outlet, Bluefield, VA
- Family Healthcare Center, Welch, WV
- Acordia Office Building, Bluefield, WV

AWARDS:

- WVAIA "Honor Award" for Renovation Design of the Princeton Public Library – April 2012
- Princeton/Mercer County Chamber of Commerce "Excel Award" – January, 2011
- *West Virginia Executive Magazine's* "Young Guns" - Fall, 2003
- Princeton/Mercer County Chamber of Commerce "Citizen of the Year - 2000"
- Princeton Elks Club "Citizen of the Year - 2000"



Stephen Mackey
Planning and Design



EDUCATION:

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

RESPONSIBILITIES:

With over 26 years of experience in all phases of design and construction, Mr. Mackey brings strong design, management and leadership skills to the firm. His significant experience has enabled him to successfully oversee the design and construction of a number of large government projects. Specific project responsibilities include:

- code review and analysis
- program development
- master plan development
- conceptual design
- design visualization
- project management
- project coordination
- construction specifications

PROJECTS:

Mr. Mackey rejoined ETB Architects in 2009 after serving as Executive Vice President for two Florida Architectural firms. During his absence, Mr. Mackey served as project manager on several large school projects in the state of Florida. In addition to his design and project management responsibilities, Mr Mackey also directed the day to day operations and management of the firm.

- Advantage Valley Advanced Technology Center for the WVC&TCS, So. Charleston, WV
- North Central Advanced Technology Center for the WVC&TCS and Allied Health, Fairmont, WV
- New River Community and Technical College Headquarters and Allied Health Building, Beckley, WV
- New River Community and Technical College Arts & Sciences Building (Renovation), Lewisburg, WV



Roy Morum, LEED G.A.
Project Manager



EDUCATION:

- Bachelor of Architecture, University of the Orange Free State, South Africa
- Master of Design Management, UNITEC, Auckland, New Zealand

RESPONSIBILITIES:

Roy joined ETB in 2004 as a project architect. His area of expertise is in design, documentation, and information management. He will be responsible for the ftp site that we will create to share project information. Before joining ETB, Roy completed major works in South Africa and New Zealand. His work in the USA includes government facilities for the West Virginia Army National Guard and other public buildings.

Roy's Master's Dissertation, "*A Model for Knowledge Management in an Architectural Enterprise*" deals with effective communication and creative project / information / data management. He has developed processes and skills in this field that contribute much to the successful outcome of a project – and the continued facilities maintenance of a building.

Roy is responsible for . . .

- planning/programming
- construction documentation
- coordination of other disciplines
- ftp site design and implementation
- information management
- responding to contractor's requests for information
- reviewing submittals and shop drawings
- site visits/construction administration
- overall project management

PROJECTS:

Roy's expertise in project management and communication is reflected in his use of technology to enhance the delivery process via the internet and FTP. His mastery of information management systems will ensure that team members, contractors, and your representatives will be able to share ideas efficiently and cost effectively.

- WVARNG Readiness Center, Elkins, WV
- Panther/laeger Elementary School, McDowell County WV
- Mathena Cultural Arts Center, Princeton, WV
- Mercer County Health Center, Green Valley, WV



Nathan Turner, LEED G.A.
Project Manager



EDUCATION:

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

RESPONSIBILITIES:

Mr. Turner joined ETB in 2009 and brought with him a wealth of experience in architectural design, as well as construction methods and practices. His prior experience with educational facilities has already proven extremely valuable as we have several elementary, middle, and high school projects at various stages of completion. Nathan obtained LEED certification last year and will assist in our efforts to provide a “green” approach to as many projects as possible.

Specific project responsibilities include:

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

PROJECTS – Public Buildings:

- Advantage Valley Advanced Technology Center for the WVC&TCS, So. Charleston, WV
- North Central Advanced Technology Center for the WVC&TCS and Allied Health, Fairmont, WV
- New River Community and Technical College Headquarters & Allied Health Building, Beckley, WV
- New River Community and Technical College Arts & Sciences (Renovation), Lewisburg, WV
- WV Council for Community and Technical College Education - Facility Programming
- Rainelle Elementary School for Greenbrier County, WV
- Lewisburg Elementary School for Greenbrier County, WV



Chris Canterbury, Associate AIA
Construction Admin Manager



EDUCATION:

- Bachelor of Science Engineering Technology/Architecture, Fairmont State University

RESPONSIBILITIES:

Chris joined ETB in 2000 as a CADD Technician. His focus in recent years has been project administration and his current position of Construction Administration Manager reflects that area of expertise. Your project will benefit from his superb organizational skills. He attends meetings and keeps track of your needs and wishes through notes and minutes. His timely response to submittals will ensure that your project stays on its construction schedule.

Chris is responsible for . . .

- construction documentation
- organizing and attending meetings
- distribution of minutes and progress reports
- contacting material suppliers
- responding to contractor's requests for information
- reviewing submittals and shop drawings
- construction administration
- site visits/observations

PROJECTS – Public Buildings:

During the construction process, Chris works closely with the contractor in maintaining the budget, adhering to the schedule and ensuring quality control.

- Greenbrier County Convention & Visitors Center (*Renovations*), Lewisburg, WV
- Princeton Public Library (*Renovations to former USPO*), Princeton, WV
- Beckley Financial Center for the IRS (*Renovations to former USPO*), Beckley, WV
- Mercer County War Memorial Building (*Renovations*), Princeton, WV
- Dept. of Health & Human Resources (*Renovations*), Welch, WV
- Hatfield/McCoy Trail Authority Offices (*Renovations*), Lyburn, WV
- Greenbrier West High School (*Renovations*), Charmco, WV
- Oakvale Elementary School (*Addition & Renovations*), Oakvale, WV





*Engineering, Design and Consulting
Planning and Environmental Services*

**Kenneth R. Crowe, P.E.
Vice President**

Education: West Virginia Institute of Technology Bachelor of Science in Civil Engineering, 1976	Professional Registration Engineer West Virginia Virginia
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Business and Civic Activities:	Church Treasurer, Board of Trustees member, and member of New Hope United Methodist Church. Member City of Princeton’s General Board of Appeals. Member Mercer County Schools Career Connections Steering Committee.
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Experience: 1985 - Present **Stafford Consultants Incorporated, Chief Structural Engineer (also Vice President since September 2011)**

Design Engineer and Project Manager for numerous projects, including:

- Civil site design and layout, including access roads, parking, storm drainage, site water, and site sanitary sewer for renovations to Parkersburg High School, Williamstown High School, Oak Glen High School Multi-Use Stadium, Weir High School Multi-Use Stadium, and Oak Glen Middle School and for the new construction of Cameron High School, Hilltop Elementary School, Weirton Elementary School, Oakvale Elementary School, and Mercer County Health Center.
- Permitting for site development, including NPDES Construction Stormwater Permit, U. S. Corps of Engineers permit, Public Lands Corporation permit, and Health Department permit.
- Design of underground stormwater detention systems for Country Inns & Suites and Weirton Elementary School.
- Design of roadway relocation and new parking lots at Wheeling Park High School. Road work conforming to WVDoH requirements.
- Bridge design, roadway design and WVDoH coordination for Patterson Creek Bridge, Devils Backbone Bridge, Cassity Bridge, Reeses Mill Bridge, Tabbs Station Bridge, Bowles Bridge, Gardner Truss Bridge, Jaeger/Bradshaw Bridge, Mineral Wells Interchange Overpass Bridge, Camden Avenue I-77 Bridge, Mullens Overhead Bridge, Cass Arch Bridge, Gould Bridge, Wiggins Bridge, Hutchinson Branch Bridge, Grapevine Creek Bridge, Rolfe Arch Bridge, Craigsville Intersection Improvements, Webster Road Intersection Improvements, Hinton Road Intersection Improvements, Bellepoint Road Widening, North Lewisburg Road Widening and 5.25 miles of the four lane Coalfields Expressway in McDowell County.
- Roadway design and WVDoH coordination for Poca Bridge, Pax Bridge, Rock Truss Bridge, Welch Post Office Bridge, Buckhannon Truss Bridge and Buffalo Creek Bridge.
- West Virginia Department of Energy Abandoned Mine Lands reclamation projects including Williamson Nursing Home Slide, Weyanoke Portals, Mason County Bond Forfeitures, Heizer Creek, Sarah Ann Drainage, Canebrake Complex, Milburn Red Dog Pile, Charleston Portals, Millersville Road Refuse Piles, Cabin Branch Refuse Pile, Mill Branch Refuse Piles, Ameagle Complex, Shoemaker Landslide, Kermit Drainage, Birds Creek Refuse, Blue Pennant Complex, McComas (Poca Land) Refuse, McComas (Thompson) Drainage, Matoaka (Young) Drainage), and Matoaka (Crespo) Drainage. Water feasibility studies for Summersville (Rt. 39), Mod-Mahan, Keystone (US 52) and McDowell County PSD.
- Structural design for Mathena Cultural Arts Center in Princeton.
- Structural design for the Merriman Athletic Facilities Building at Virginia Tech.
- Structural design for skybox addition at West Virginia University.



- Structural design for Princeton Community Hospital's Behavioral Medicine Center, Oakvale Elementary School, Mercer County Health Center, and the North Central Advanced Technology Center.
- Structural design for clarifier at Welch Wastewater Treatment Plant.
- Structural design for flocculator tank at Summersville Regional Water Treatment Plant.
- Preparation of contract plans and bidding documents for pedestrian underpass, Shott Building Elevator and Conley Hall Renovations at Bluefield State College.
- Preparation of contract plans and bidding documents for sidewalk replacement and drainage improvements for the Town of Oakvale.
- Preparation of contract plans and bidding documents for renovations to Married Student Housing Building at Marshall University.
- Preparation of contract plans and bidding documents for sidewalk construction along Stafford Drive, Mercer Street, and Ingleside Road for the City of Princeton.
- Expert testimony on various structural and drainage problems associated with design or construction issues.

1981 - 1985 Gates Engineering Company, Principal Consulting Mining Engineer and Civil Engineer II

- Responsible for all mine permitting, including DR-4 Surface Mine Applications, DR-14 Underground Opening Applications, DR-3 Prospecting Applications, NPDES Permit Applications and Department of Mines Opening Approval Applications. Performed all permit related design; haulroads, diversion ditches, sediment ponds, drainage control structures, valley fills and refuse disposal areas.
- Assisted in mine design and refuse disposal area design. Performed property evaluations including coal reserves and reclamation needs. Operated department microcomputer; wrote programs; and provided computer analysis for STRESS and COGO. Assisted on bridge and structural design projects.

1980 - 1981 Westmoreland Coal Company Central Engineering Department, Chief Environmental Engineer

- Responsible for all civil engineering design and mine permitting in Westmoreland's West Virginia Divisions. Supervised three engineers and two draftsmen. Prepared OSM Permit Applications, West Virginia Department of Natural Resources DR-4, DR-14 and DR-23 Surface and Deep Mine Applications, State Water Pollution Control Permit Applications and NPDES Permit Applications. Designed sediment ponds, drainage control structures, concrete footings and walls and steel columns and beams. Prepared run-off hydrographs for drainage design, performed flood routing, and performed fill slope design.

1979 - 1980 Westmoreland Coal Company Central Engineering Department, Environmental Engineer

- Prepared OSM Permit Applications, West Virginia Department of Natural Resources DR-4, DR-14 and DR-23 Surface and Deep Mine Applications, State Water Pollution Control Permit Applications and NPDES Permit Applications. Designed sediment ponds, drainage control structures, concrete footings and walls, and steel columns and beams. Prepared run-off hydrographs for drainage design, performed flood routing, and performed fill slope design.



Engineering, Design and Consulting
Planning and Environmental Services

Kevin G. Smith
Designer/CAD Technician

Education: Raleigh County Vocational Education Center, 1979 Lay Minister Certificate, School of Christian Studies of the West Virginia Baptist Convention	Licensed: Civil I and Civil II Certificates
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Experience: 1998 - Present Stafford Consultants Incorporated, Designer/CAD Technician

- Design, site layout, and drafting for site development for Chapmanville Regional High School, Parkersburg South High School renovations, Parkersburg High School renovations, Williamstown High School renovations, Oak Glen Middle School "Field of Dreams", Bayer Federal Credit Union, Hilltop Elementary School, Cameron High School, Weir High School Stadium, Oak Glen High School Stadium, Weirton Elementary School, Oakvale Elementary School, and Mercer County Health Center. Structural drafting for Advanced Tech. Center.
- Design and drafting on bridge and highway road projects throughout the State of West Virginia including Grapevine Creek Bridge, Hutchinson Branch Bridge, Cass Arch Bridge, Mullens Bridge, Coalfields Expressway US 121, Wiggins Bridge, Mineral Wells Interchange Overpass Bridge, US Route 219 Lewisburg Widening, Bellepoint Road Widening, Route 41 and West Webster Road Intersection Improvement, Route 20 and 55 Intersection Improvement, and Gould Bridge.
- Design and drafting for water and wastewater projects including, Summers County Sewer Study for Summers County Commission, Summersville Water Treatment Plant, John Nash Boulevard Sewer for Bluefield Sanitary Board, Brooks Barksdale Water Extension for Mercer/Summers County Commissions.
- Design and drafting on Gardner Industrial Park for Mercer County Commission.

1998 Computects and DBD Professional Group, Inc. – Beckley, WV

- Performed civil site design and civil layout of architectural projects including Oak Hill Days Inn, Gary Library and Medical Center, Ronceverte Volunteer Fire Department, Ronceverte City Hall, and Sun Mountain.
- Design and drafting on engineering projects including Glade Springs Sanitary Sewer Relocation.
- Site development for A&E Construction at the NW intersection of US 19 and WV16 north of Beckley.

1992-1997 G. A. Tice Incorporated – Beckley, WV

- Design and drafting on various civil engineering projects including subdivision layouts and Pinecrest Industrial Park at Beckley.
- Highway and roadway storm drainage systems.
- Sanitary sewer collection and extensions systems including Shady Spring PSD, Town of Mount Hope, and North Beckley PSD.
- Water distribution systems including Town of Pax and Crow area water extension project.
- Calculations for many residential, commercial and government survey projects including Canaan Valley State Park for USFW Service and the New River National Park Service.
- Civil site design for commercial and government projects including Beckley Holiday Inn Addition, Haz Mat Facilities Admin. Building, Pinecrest Industrial Park and Cool Ridge P.O.



1986-1992 ESP Associates - Charlotte, NC

- Development of custom CAD packages for in-house use, including Storm Water, Sanitary Sewer, Subdivision Layout and Staking, and Roadway Design.
- Drafting and design for layout of subdivisions with the responsibility of the layout of lots, roads, sanitary sewer, storm drainage and final plats for recording.
- Calculations for up to four field crews for field layout for Outer Beltway Interstate 485, Sanitary Extension along I-77 North of Charlotte, Widening of Park Road, Relocation of 36" and 42" Gas Transmission at High Point, NC, Rock Hill, SC subdivision development, Widening of US Route 17 in NC, Cabarrus Industrial Complex including I-85 interchange and Airport, Riverrun Subdivision including golf course, Cameron Woods Subdivision Phases III-VII, many other smaller industrial, commercial and residential projects in the Charlotte area.

1981-1986 G. O. Bledsoe, Incorporated – Beckley, WV

- Supervised drawing of plats and maps by other employees. Design and drafting for engineering and surveying projects using CAD. Survey calculations and reductions for many residential, commercial and industrial projects. Advanced from rodman to crew chief to supervisory position.

1980-1981 HKS - Beckley, WV

- Advanced from rodman to instrument man including note keeping and field note reductions for various commercial and industrial projects.



*Engineering, Design and Consulting
Planning and Environmental Services*

Matthew W. Peters
Engineering Technician

Education: Bluefield State College
Bachelor of Science in Civil Engineering Technology, 2010

Bluefield State College
Bachelor of Science in Architectural Engineering Technology, 2009

Mercer County Technical Educational Center
Computer Aided Drafting, 2003-2005

Experience: **July 2009 - Present** **Stafford Consultants Incorporated, Engineering Technician**

- Performed topography and location surveys.
- Princeton Wastewater Treatment Plant Upgrades
 - Aided in the site, piping, and building layouts.
 - Aided in the structural design for buildings, channels, concrete tanks, stairwells, etc.
 - Drafting of plan drawings

July 2006 - May 2009 **Bluefield State College, Architectural Department Assistant**

- Performed campus topography and location surveys using global positioning systems (GPS) and conventional total stations.
- Updated the majority of the floor plans for the campus.
- Produced as-built drawings for buildings on and off campus.
- Aided in the design for the renovations to the Mitchell Stadium locker rooms in Bluefield, WV.
- Designed the campus map directory.
- Designed a proposed outdoor plaza for the Student Center.
- Designed a proposed façade for the entryway at Bowen Field in Bluefield, WV.
- Aided in teaching Google SketchUp to Bluefield State Architecture Students.
- Taught Bluefield State Students how to use Autodesk Inventor software for one semester.
- Monitored the computer aided drafting laboratory and answered engineering and engineering software related questions.

WINFIELD H. STROCK



EDUCATION

Hillsville High School, Hillsville, VA - 1959

King College, Bristol, VA - 1963, BA

MILITARY EXPERIENCE

1963 - 1964 U.S Army - Medical Corps

WORK EXPERIENCE

1964 - 1965 Thomas B. Punshon Engineering Company
Cincinnati, Ohio

Instrument man- survey crew

- Operated transit, theodolite and level for survey crew. Performed all necessary calculations. Types of work included boundary surveys, infrastructure layout, topographical surveys and building layout.

1965 - 1978 Frank Messer & Sons Construction Corporation
Cincinnati, Ohio

Field Engineer - 2 years

- Provided layout for all phases of building construction, assisted superintendent with coordination of subcontractors and ordering materials. Maintained on-site cost reporting data. Maintained "as-built" drawings. Supervised completion of project "punch list" and closeout.

Estimator - 2 years

- Quantity survey and pricing of all building systems components. Site visit and analysis. Solicitation and acceptance of subcontractor bids. Maintained recap (bid) sheet on day of bid or proposal. Coordinated with project manager on successful bids.

Chief Estimator - 4 years

- Responsible for all functions of seven person staff estimating forty to fifty major projects per year. Projects included commercial, industrial, institutional, multi-family residential, and parking structures. Personally estimated ten to twelve projects per year. Responsible for final submittal of estimate or proposal. Established cost codes and cost reporting system for first company computerized system.

Project Manager - 5 years

- Responsible for all administrative and managerial duties from award of contract to project closeout. Duties included contract negotiation, purchasing, scheduling, personnel placement, project meetings, cost reporting and owner/architect liaison. Workload was two to four major projects concurrently.

1978 – 1995 Kenhill Construction Company
Charleston, West Virginia

Owner/President/Consultant – 17 years

- Owned and managed major commercial and institutional construction company. Specialized in construction management “at risk” and design/build contracts. Personally estimated and managed all major contracts. Sold business to Danis Industries, Dayton Ohio in 1991. Remained as President until 1993 and was retained as consultant for a major hospital project until 1995.

1995 – 2010 Winfield H. Strock, consultant
Marathon, FL - Charleston, West Virginia

Principal

- Provide estimating, scheduling and value engineering services to architects and engineers. Project feasibility studies, conceptual estimates and performance prospectus for owners and developers. On-site project analysis and scheduling. Expert witness and consultant in construction litigation. Business, estimating and cost accounting plans for construction related companies.

SUMMARY OF QUALIFICATIONS

- Experienced in all phases of construction estimating, scheduling, purchasing and project management.
- When the West Virginia Contractor Licensing Act was passed in 1990, Mr. Strock was selected as Chairman of the Contractor Licensing Board and served in that capacity until his resignation in 1995.
- Mr. Strock has lectured (in conjunction with the Cambridge Institute) on the use of arbitration in construction contract disputes.
- Mr. Strock is a licensed West Virginia Contractor – WV 000010

INDUSTRY AFFILIATED MEMBERSHIPS

Associated General Contractors of America

Past Director

Contractors Association of West Virginia

Past President, Director

Kanawha Valley Builders Association

Past President

American Arbitration Association

Panel of Arbitrators

REFERENCES

References provided upon request

References

Princeton Public Library (Adaptive Re-use)
Princeton Railroad Museum (Historical Re-creation)

Ms. Connie Shumate, Librarian
Concord University
PO Box 1000
Athens, WV 24712
304-384-5366
Connie served as Princeton Librarian during both projects listed.

Greenbrier County Convention & Visitor's Center (Renovation)

Ms. Kara Dense, Executive Director
GCC&VC
200 West Washington Street
Lewisburg, WV 24901
304-645-1000

Princeton City Hall (Adaptive Re-use)

Ms. Elke Doom, City Manager
City of Princeton
100 Courthouse Road
Princeton, WV 24740
304-487-5025

Hatfield/McCoy Office (Renovations)
Bramwell Office/Trailhead (Renovations)

Mr. Jeffrey Lusk, Executive Director
Hatfield/McCoy Regional Recreation Authority
PO Box 539
Lyburn, WV 25632
304-752-3255





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

Solicitation

NUMBER
DNR214016

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
GUY NISBET 304-558-8802

VENDOR

RFQ COPY
 TYPE NAME/ADDRESS HERE
E.T. Boggess, Architect, Inc.
101 Rockledge Avenue
Princeton, WV 24740

SHIP TO

DIVISION OF NATURAL RESOURCES
 PARKS & RECREATION SECTION
 324 4TH AVENUE
 SOUTH CHARLESTON, WV
 25303-1228 304-558-3397

DATE PRINTED
09/04/2013

BID OPENING DATE: 09/17/2013

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 01		
				ADDENDUM FOR THE DNR "EXPRESSION OF INTEREST" FOR PIPESTEM STATE PARK'S MCKEEVER LODGE ISSUED TO PUBLISH AND DISTRIBUTE THE ATTACHED DOCUMENTATION.		
0001	1	LS		906-00-00-001		
				ARCHITECTURAL AND DESIGN SERVICES		
***** THIS IS THE END OF RFQ DNR214016 ***** TOTAL:						

SIGNATURE <i>E.T. Boggess</i>	TELEPHONE 304-425-4491	DATE September 13, 2013
TITLE President	FEIN 55-0515917	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DNR214016

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input 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.

E.T. Boggess, Architect, Inc.

Company



Authorized Signature

September 13, 2013

Date

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

Revised 6/8/2012



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
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Princeton, WV 24740

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DIVISION OF NATURAL RESOURCES
 PARKS & RECREATION SECTION
 324 4TH AVENUE
 SOUTH CHARLESTON, WV
 25303-1228 304-558-3397

DATE PRINTED
08/16/2013

BID OPENING DATE: 09/17/2013

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECTURAL AND DESIGN SERVICES						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, PARKS AND RECREATION SECTION IS SOLICITING "EXPRESSION OF INTEREST" FROM QUALIFIED ARCHITECTURAL AND ENGINEERING FIRMS FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL REPAIRS AND OTHER IMPROVEMENTS AT THE: MCKEEVER LODGE, LOCATED AT PIPESTEM STATE PARK, PIPESTEM, WV. PER THE THE ATTACHED.						
***** THIS IS THE END OF RFQ DNR214016 ***** TOTAL:						

SIGNATURE <i>E.T. Boggess</i>	TELEPHONE 304-425-4491	DATE September 13, 2013
TITLE President	FEN 55-0515917	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

CERTIFICATION AND SIGNATURE PAGE

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

E.T. Boggess, Architect, Inc.

(Company)



(Authorized Signature)

Todd Boggess, President

(Representative Name, Title)

304-425-4491 / 304-425-2028

(Phone Number)

(Fax Number)

September 13, 2013

(Date)

RFQ No. DNR214016

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: E.T. Boggess, Architect, Inc.

Authorized Signature: *E.T. Boggess* Date: September 13, 2013

State of West Virginia

County of Mercer, to-wit:

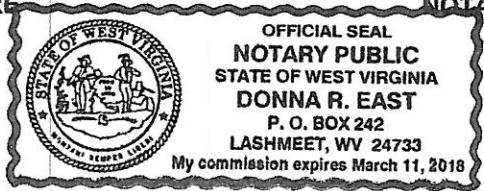
Taken, subscribed, and sworn to before me this 13 day of September, 2013.

My Commission expires March 11, 2018.

AFFIX SEAL HERE

NOTARY PUBLIC

Donna R. East



Purchasing Affidavit (Revised 07/01/2012)