



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

State of West Virginia
 Centralized Expression of Interest
 34 -- Service - Prof

Proc Folder: 421230

Doc Description: Expression of Interest for WVDOT, Division of Pubic Transit

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2018-03-02	2018-03-20 13:30:00	CEOI 0805 PTR1800000002	2

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

US

WV 25305

03/19/18 10:17:46
 WV Purchasing Division

VENDOR

Vendor Name, Address and Telephone Number:

E.T. Boggess Architect, Inc.

PO Box 727

Princeton, WV 24740

101 Rockledge Avenue

304-425-4491

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey

(304) 558-0094

melissa.k.pettrey@wv.gov

Signature X

FEIN #

55-0515917

DATE

March 16, 2018

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: PTR180000002

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 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

March 16, 2018

Date

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



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melissa.k.pettrey@wv.gov

Signature X

FEIN #

55-0515917

DATE

March 16, 2018

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.

Todd Boggess President
 (Name, Title) **Todd Boggess, President**
 (Printed Name and Title)
PO Box 727, Princeton, WV 24740
 (Address)
(P) 304-425-4491 / (F) 304-425-2028
 (Phone Number) / (Fax Number)
etb@etbarchitects.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

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

Todd Boggess President
(Authorized Signature) (Representative Name, Title)

Todd Boggess, President
(Printed Name and Title of Authorized Representative)

March 16, 2018
(Date)

(P) 304-425-4491 / (F) 304-425-2028
(Phone Number) (Fax Number)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: E.T. Boggess Architect, Inc. Address: PO Box 727, 101 Rockledge Avenue
Princeton, WV 24740

Authorized Agent: Todd Boggess Address: 101 Rockledge Ave., Princeton, WV

Contract Number: PTR1800000002 Contract Description: BAT Transfer Station

Governmental agency awarding contract: WVDOH / Public Transit

Check here if this is a Supplemental Disclosure

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

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

Harper Engineering (St. Albans) and RK&K (Charleston)

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Todd Boggess

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: *Todd Boggess* Date Signed: March 16, 2018

Notary Verification

State of West Virginia, County of Mercer:

I, *Todd Boggess* (Todd Boggess), the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 16th day of March, 2018

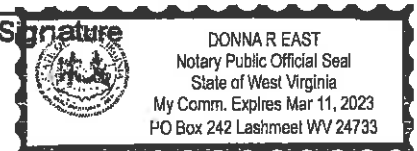
Donna R. East
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: _____



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

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

Authorized Signature: *[Signature]*

Date: March 16, 2018

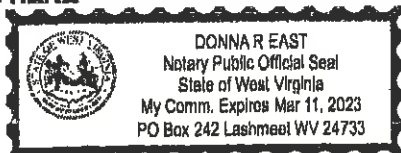
State of West Virginia

County of Mercer, to-wit: _____

Taken, subscribed, and sworn to before me this 16 day of March, 2018

My Commission expires March 11, 2023

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 01/19/2018)

March 20, 2018

STATEMENT OF QUALIFICATIONS
for Architectural / Engineering Services

Bluefield Area Transit
TRANSFER STATION

for the WVDOT/Public Transit
PTR1800000002



E.T. BOGGESS ARCHITECT, INC.



■ Melissa Pettrey
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

■ March 16, 2018

REF: PTR1800000002

Dear Ms. Pettrey:

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 provide the services necessary to accomplish the new Transfer Station for the Bluefield Area Transit. Our team will work with the State of West Virginia, WVDOT/Public Transit, and designated local representatives to ensure that everyone's vision for the project is achieved.

I will be your architect and will be the person-in-charge for all aspects of the project. Our team combines firms familiar with the site and surrounding area, as well as consultants who offer a unique perspective for addressing various issues and challenges. We will join forces to bring the best knowledge and experience to the design process.

ETB emphasizes a client-centered design approach, incorporating mutually defined project objectives. Through this focus, we can assure the State of West Virginia and the WVDOT 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 with a passion towards project success.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Todd Boggess', is written over a light blue horizontal line.

Todd Boggess, AIA, NCARB, Architect
President

Cover Letter

Qualifications – 1

Approach & Methodology – 2

Firm Profiles – 3

Projects / Prior Experience – 4

Management / Staffing / Resumes – 5

References – 6

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INTRODUCTION

The E.T. Boggess Architect, Inc., team understands the challenges facing our small towns and entire state as governments strive to satisfy the needs of their local citizens, especially during these economically difficult times. All of us, businesses and government agencies, have to "get creative" in our approach and to find ways to receive maximize return from the financial resources that are available. Our planning and programming for the City of Princeton, along with our work statewide, has given us a greater understanding of the challenges and how important it is to prioritize goals that will help guide growth and realize opportunities to better serve the citizens.

Because in today's economic climate, every new project in every community is designed with full awareness of the economic challenges we face. Building Committees target improvements that a department or agency needs to operate safely and securely, at the best value for their community. The design process helps ensure a cost effective solution. Space Planning is based on current and future needs consistent with operational and performance goals established by the user. Design layouts are models of efficiency. Materials and building systems are chosen for their cost effectiveness over the 50-100 year life of the building. These principles guide our new and renovation design services as we strive to help organizations, agencies and small governments ensure their citizens receive maximum benefit from their tax dollars.

ETB has been working with the WVDOH for nearly twenty years to design facilities throughout the state that bring together services that had previously been scattered throughout the districts, helping them to function more efficiently. The four buildings that comprise these complexes include an Office Building, Maintenance Building/Equipment Shop, Bridge/Sign Shop and a Lab Building. We have successfully accomplished projects for Districts One, Six, Eight, Nine and Ten, including office buildings, maintenance, equipment, and bridge/sign shops. The District Seven Office Building and the D7 Equipment Shop will be completed later this spring.

One of the most recognizable projects that we have completed for a state agency is the West Virginia Tourist Information Center at the intersection of Interstate 77 – Route 460. Although ETB had never accomplished that specific type of facility before being awarded the project, the project was and continues to be very successful and attracts thousands of visitors each year. We appreciate the confidence that the WV Parkways Authority invested in our team and we look forward to working with the WV Dept. of Public Transit to address the goals and objectives of the BAT project defined in Section 3, Item 4 of the EOI.

4.1 Goal/Objective 1

ETB has been developing architectural designs, plans, specifications, estimates and other construction/bidding documents for projects for over 50 years. Our projects range from the very small (canopy connecting two school buildings at Spanishburg High School in the '70s) to multi-million dollar governmental buildings (WVARNG Readiness Center in Elkins).

We have put together a competent and experienced team of professionals to provide all the necessary services, including:

- Civil/Site/Environmental Engineering: **RK&K**
- Structural Engineering: **RK&K**
- Mechanical, Electrical, Plumbing Engineering: **Harper Engineering**

Our team of professionals will engage with the state and project stakeholders to collect data and correlate basis of design guidance to address facility functional and aesthetic criteria for the facility and develop detailed program requirements for each space.

4.2 Goal/Objective 2

This is a design area at which ETB excels. Our experience includes the architectural design of two historical train depots in Mercer County for the towns of Princeton and Bramwell. The Princeton Railroad Museum is located on the same site and is an adaptation of the early 1900s station that served the town for many years. The Bramwell Coal Heritage Interpretive Center is also an adaptation of the train station that had served their community. ETB conducted research and reviewed plans provided by N&W for these unique public facilities. The exterior of both train stations were represented at accurately as possible with modern materials. Specific architectural details and finishes were critical in recreating the atmosphere that brings to mind yesteryear. Our design for the transit transfer station will complement the surrounding urban context and incorporate Bluefield's existing and future "Depot District" design elements, in a solution that is aesthetically pleasing and functionally efficient. The renovations in progress for the Commercialization Station will also be evaluated so that the new and renovated designs are visually harmonious and functionally cohesive.

ETB believes that a thoughtful architectural design incorporating historical and cultural characteristics of Bluefield's Depot District will not only enhance community acceptance of the BAT Transfer Station but create a gateway to the District that the community will feel proud of. When completed, the facility should look like it has always belonged there.

4.2 Goal/Objective 3

Our proximity to the project site and our knowledge of the area will aid the ETB team's efforts to explore options to encourage new ridership.

The ETB team will emphasize the design of a safe and secure environment with a pleasing atmosphere to ensure that the BAT Transfer Station is viewed as a community asset that can serve as a catalyst for positive development in Bluefield's Depot District. In addition to sustainable design features complying with the state's Green Buildings Minimum Energy Standards, the design will incorporate an on-site CNG filling station and LED lighting solutions for the site and pedestrian canopies. Our team's design solution will also address common nuisances associated with bus transfer facilities including exhaust, habitant birds and graffiti.

We also have significant project experience utilizing pre-engineered clear-span steel building structural systems including the following state and local structures:

- Mercer Elementary School Multi-purpose Building
- Straley Elementary School Multi-purpose Building
- Ronceverte Elementary School Gym Addition
- Eastern Greenbrier Middle School Gym Addition
- PikeView Athletic Building
- Ramey Chevy (renovation to existing structure)
- Ramey Toyota (renovation and addition of new structure)

4.2 Goal/Objective 4

Our team includes Rummel Klepper & Kahl (RK&K) whose experienced and competent staff can provide the full breadth of environmental documentation necessary to obtain approval and possible funding from the FTA.

4.2 Goal/Objective 5

ETB provides professional A/E services, including construction contract administration, for all of our projects. In addition to attending regularly scheduled progress meetings, ETB can have a representative on-site in half-an-hour should our presence be required.

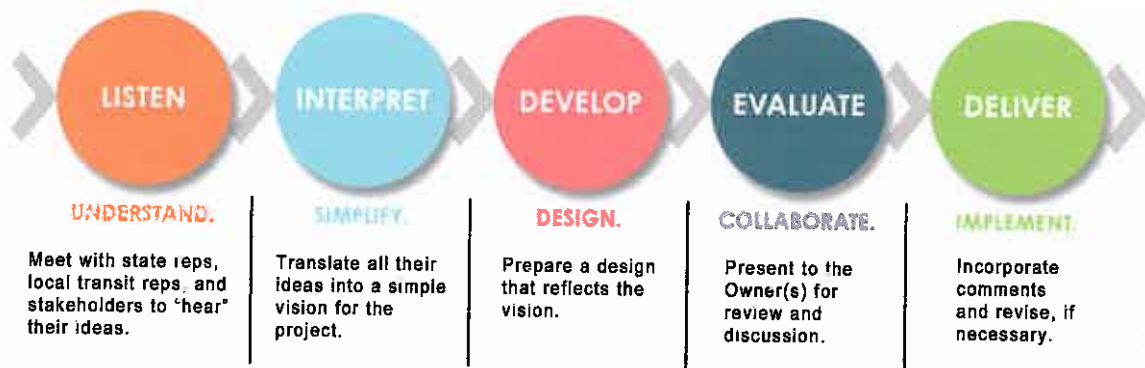
Chris Canterbury is our construction administration manager and has been involved with both D7 and D8 Equipment Shops, along with the projects listed that included clear-span steel building structural systems. Chris provides efficient leadership in coordinating the team dynamics, budget, schedule, and the flow of information. He also assists 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.

COMMUNICATION

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 the State of West Virginia and representatives from the Bluefield Transit Authority. 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. 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, creating an aesthetically distinctive facility that blends into the Bluefield Depot District. Our approach is not only about us and our ideas . . . it is about *you and your ideas*.

Although there are more ways than ever to communicate these days, the art of listening continues to be a challenge. If your message is not being heard and understood, then communication has failed. Our cycle of communication is best depicted by the image below and this procedure is repeated throughout the design and construction process.



PROJECT BUDGET and CONSTRUCTION

According to a study from KPMG, just 31% of all projects came within 10% of the budget in the past 3 years. This is a challenging situation that our entire country is facing, not just West Virginia. While it is the goal of the A/E design team to design a facility within the established budget by thoroughly investigating the cost of materials and labor and utilizing the costs of past projects, there are a number of items that are simply beyond our control. For example, a hurricane in the Gulf of Mexico can raise the cost of gasoline in West Virginia a great deal before it does any actual damage. That raises the cost of moving men and materials and can dramatically affect any project costs that are currently advertised for bids. Even though the project budget was examined within the past few months, the numbers may be skewed due to recent developments.

The first step in maintaining a project budget is to make sure the budget represents an achievable goal. This is where honest, open *communication* between the Owner and design team is important. Unfortunately, Owners are often told their budget is realistic in order for the project to proceed. 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. The evaluation of cost must extend beyond the costs of construction, and consider the costs of operations, human resources, energy and sustainability.

If the project we have designed for you bids over-budget, our preferred method to ensure the project moves forward is *value engineering*. We will work with the Owner and apparent low bidder to adjust and/or modify materials, quantities, and spaces, as necessary, in order for the facility to be constructed. We believe value engineering is a much more effective approach than re-design/re-bid. An excellent example of value engineering at its best was the New River Community & Technical College Headquarters (located near Beckley) which we designed for the C&TCS of WV. After the original bid exceeded the budget, value engineering enabled the project to proceed with construction and, ultimately, come in on-budget and on-schedule.

CONSTRUCTION PERIOD

The first step in maintaining a project construction schedule is to, once again, make sure the schedule is realistic. Early in the process, *communication* between the Owner and Architect will establish both the anticipated time to accomplish the design as well as a realistic timeframe for construction to be completed. As always, there will be surprises along the way that may affect progress, but keeping open communication between all parties will lead to a more successful project.

ETB currently has three projects under construction, WVDOH D7 Office Building, WVDOH D7 Equipment Shop, and Greenville Senior Living. All three are expected to be completed on-time. In the past five years, all but two of our projects were completed within a few weeks of the projected schedule.

There are options available to the Owner if you wish to incorporate a penalty into the contract for failure to meet a project deadline, and, if time is of the essence, a bonus could be included if construction is completed ahead of time. However, ETB believes it is in the best interest of the project to work together, especially during the construction phase, to ensure a project's successful completion. Maintaining a "team" approach is much more effective than an "us versus them" scenario.

APPROACH

Our approach to the transfer station for the Bluefield Transit Authority will begin with an examination of the program and any preliminary design documentation. Through careful and methodical planning, incorporating programmatic requirements established during the pre-design phase, the ETB team will develop conceptual design solutions for the new station.

In order to successfully accomplish your objectives, we normally approach a project in the following manner:

- Establish/review goals and objectives
- List improvements to utilities, telecommunications, and infrastructure that may be necessary
- Identify best access, site circulation and parking – both pedestrian and automotive
- Identify any Code issues to ensure compliance
- Estimate the timing, phasing and projected costs
- Assist in supplying the FTZ with requested documentation

METHOD for MEETING GOALS

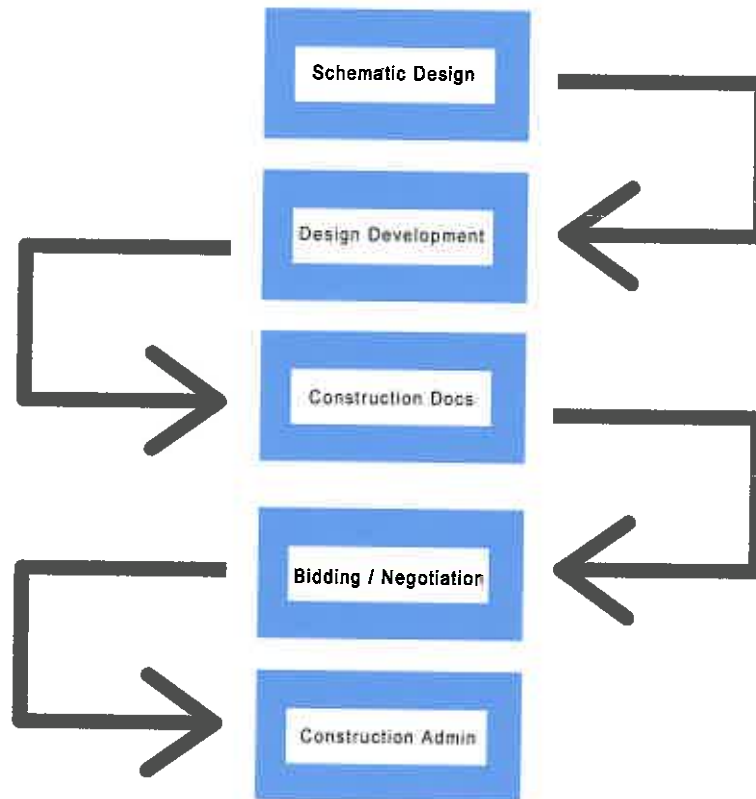
The Integrated Design Process is our process of design in which the owners, users and the ETB team (architects and engineers) are all integral team members. This integrated process and the implementation of high performance design requires both efficiency and innovation. In our role with this team as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

ETB will emphasize the following throughout your project:

- **Understanding goals.** We review your established goals and provide input into areas as needed.
- **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 welcome Owner input at closeout and review how well time, cost, and design goals were met.

PHASES of WORK

The professional services outlined in this proposal will be accomplished in five sequential phases as outlined below.



Schematic Design Phase - The schematic design documents will establish the general scope and conceptual design for your project, and the scale and relationships of the building components. The main goal of this phase is to arrive at a clearly defined, feasible concept and to present it in a form that will result in your understanding and acceptance.

Design Development Phase - Services in the design development phase are structured to achieve the refinement and coordination necessary for a polished work of architecture. During this phase, decisions made in schematic design are worked out at a more detailed level to minimize the possibility of major modifications being needed during the development of construction documents.

Construction Document Phase - Construction documentation is the bridge between building design and physical building form. A key element of documentation services, construction drawings provide the instructions for transforming the design solution into brick, mortar, landscapes, access, etc. The purpose of providing construction document drawings is to provide graphic documentation for bidding and execution of construction services.

Bidding / Negotiation Phase - Construction procurement activities assist the client in obtaining competent construction services. Our team will prepare bid packages or request for proposals/qualifications, and we will support the selection, negotiation, and contract award processes.

Construction Phase / Contract Administration Services - Contract administration services are important in order to ensure construction conforms to construction documents; to support the design intent; to lessen project risks; to identify and resolve construction problems early; and assist you in understanding the construction process. The architect, serving as a construction administrator, observes construction for conformity to construction drawings and specifications.

ETB's office is located in Princeton, just 20 minutes from the project site in Bluefield. Our location will ensure responsiveness within the hour should our presence be required on-site. While today's technology allows a great deal of interaction, we believe the personal touch and face-to-face meetings provides for the best interaction throughout the design and construction process.

Once the doors open and you occupy the buildings, we will remain available to assist you with start-up questions, "fine tuning and balancing" of systems required to make sure the building works specifically for the Bluefield Transit Authority.



BAT bus in front of Mercer County War Memorial Building, Princeton, WV

QUALITY MEASURES

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 – *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 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 with regularly scheduled project meetings
- 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 – Be Proactive
- 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

HISTORY

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 has been both exciting and rewarding as the practice continues to flourish and evolve.



Experience

Integrity



Quality

Service



REPUTATION

Our firm lives or dies by its reputation. We have cultivated a team that 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.

The architects at ETB are well-respected for their high ethical standards, as well as professional and civic activities. They have been 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. In 2014, Todd was appointed to the WV Board of Architects by Governor Tomblin. The Board of Architects protects the life, health, and property of the people of the State of West Virginia by ensuring that proper architecture practices are used in the state.

SIZE

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 so we can respond to your needs and questions, as well as address any situations that may arise in a timely manner. 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.

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. In addition to being a strong design oriented firm, we offer expertise in communication, construction documentation, construction administration, and quality control.

Throughout our state, 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 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 52 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

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 more than thirty-five years ago. Today we continue to implement current technology as we have become very efficient with 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 presentations. This helps everyone better understand design approaches and project contextual relationships within a setting.

Our firm has a great deal of experience creating graphic imagery as well as presenting the information to government agencies and the general public. Recent projects for the WV Higher Education and Policy Commission, the WV School Building Authority, as well as county school systems, have required us to generate imagery and create powerpoint presentations. 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.

SCHEDULES & BUDGETS

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. Some of our most recent projects, especially for state agencies, have presented us with very rigorous scheduling goals. Our projects for the West Virginia School Building Authority have penalties built in if schedules and established budgets are not adhered to as an added incentive to meet the deadlines.

Our team will do everything within our power to ensure the project stays within budget and on schedule. We will work with the general contractor to provide him with the information he needs as quickly as possible. As mentioned earlier, the key to addressing problems during construction will be **communication, collaboration, and consensus.**

Firm Background

The origins of Rummel, Klepper & Kahl, LLP (RK&K) date back to 1923, when two German-trained engineers named Richard Charles Sandlass and George Arnold Wieman formed the consulting engineering firm of Sandlass, Wieman & Associates in Baltimore, Maryland. The firm prospered from steady growth and diversification of services. With the addition of Edward Rummel, Howard Klepper and William Kahl, the firm changed its name in 1951 to Rummel, Klepper & Kahl. Since its inception, RK&K has remained a partnership. In 1998, RK&K became a limited liability partnership (LLP). RK&K remains a privately-owned LLP with senior managers and partners fully engaged in project development and mentoring future leaders.

RK&K was ranked #76 on the 2017 Engineering News Record's listing of the "Top 500 Design Firms", providing services to an array of federal, state and local clients from our 22 offices in nine states and Washington, DC. As a more than 1,200-person multidiscipline consulting engineering firm, RK&K has provided services throughout the Mid-Atlantic and Southeast since its founding and in West Virginia for more than 20 years. RK&K employs a diversified staff of engineers, surveyors, designers, scientists, CADD technicians, construction managers, construction inspectors, and support staff, including LEED Accredited Professionals. RK&K has more than 200 registered professional engineers providing capacity to satisfy any State of West Virginia need...at any time.

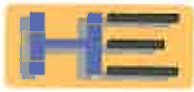
Our team of transportation and traffic engineers consistently produce innovative, safe and efficient designs from large-scale expressways and interchanges to local safety and traffic operational improvements. We see each project as a unique opportunity to provide an improved quality of life for the communities in which we live and work.

Our site development group offers a full range of civil engineering services to take any project from site evaluation through construction. Areas include the study, planning and design of site engineering and development projects, including buildings, facilities, roadways, parking areas, stormwater management, grading/earthwork, utilities, drainage, erosion & sediment control, landscape architecture, site lighting, and green/sustainable design.

RK&K has a strong commitment to preserving natural resources and protecting our environment. RK&K's thorough knowledge of natural environmental systems, including forests, wildlife habitat, streams, wetlands, and agricultural lands provides environmental stewardship tools for projects nationwide. We have expertise in wetland and stream ecology, forestry, aquatic ecology, watershed-based planning, green infrastructure, permit acquisition, project planning, and NEPA. Our design staff does avoidance/minimization studies supporting infrastructure assignments - avoiding natural resources allows for more expeditious permit authorizations. Our experienced planners and scientists bring varied backgrounds in existing conditions and potential effects analysis; identifying key resource issues; and recommending programs to preserve/enhance resources through new or existing programs.

RK&K is a partnership promoting teamwork. We stress quality and service, are product-driven and responsive to our clients' needs. We are technically strong, diverse and knowledgeable, yet respectful. We believe our people are our greatest asset. Our project manager, task managers and support staff selected for the project possess the specific experience to successfully complete the Bluefield Area Transit Transfer Station.

The RK&K Team is known for its technical know-how, personal service and - most importantly - successfully achieving our clients' goals.



H a r p e r E n g i n e e r i n g , p l l c

52 B Street
St. Albans, WV 25177
Office: 304.722.3602 Fax: 304.722.3603

Harper Engineering, pllc was founded in 2008 to provide innovative engineering design services to architects, owners and contractors throughout the state. We are a unique combination of eager young talent and proven experience fused together to serve all of your building systems design needs including HVAC, Plumbing, Lighting, Electrical, Fire Alarm and Sprinkler Suppression systems.

Our goal is to design optimized systems that meet all of our client's performance, energy usage, and budgetary needs. The staff at Harper Engineering has a combined 90 years of experience working with clients in a variety of fields including, but not limited to, government buildings, K-12 schools, hospitals, offices, airports, manufacturing, and water treatment plants.

Services:

HVAC Design

- Heating and Cooling load calculations
- Ductwork sizing
- Hydronic pipe sizing
- Equipment selection

Electrical Design

- Electrical load calculations
- Panel and switch gear selection
- Lighting
- Fire alarm
- Site Utilities
- Emergency Generators
- Security and communications

Plumbing Design

- Pipe Sizing
- Fixture Selection
- Sprinkler design
- Site Utilities

Drafting

Specifications

Project Management

Construction Documents

Project Information

E.T. Boggess Architect, Inc.

<i>Project</i>	<i>Type</i>	<i>Goals</i>	<i>Size</i>	<i>Cost</i>	<i>Comp.</i>
Municipal Complex					
Location: Princeton Project Manager for the City of Princeton: Mike Webb - 304-487-5093 <i>Goals are being met by as a result of diligent research, planning/programming and coordination between end users and design team.</i>	Reno.	<i>Renovate former Dean Company to serve needs of city - administrative offices, police, fire, recreation and public works.</i>		\$11 mil	Phased over next 3 years
Railroad Museum					
Location: Princeton Project Manager for the City of Princeton: former Librarian Connie Shumate - 304-384-5366 <i>Goals were met by research and reviewing historic drawings provided by railroad.</i>	New	<i>Design a re-creation of the historic railroad station to serve as railroad museum.</i>			2008
WVDOH District 8 Equipment Shop					
Equipment Shop Location: Elkins Project Manager for the WVDOH: Steve Schumacher <i>Goals were met by reviewing previous designs with Owner's rep and district personnel. Revisions were made to accommodate specific needs.</i>	New	<i>Provide centralized maintenance and repair facility for all DOH district equipment.</i>	21,675 sf	\$4.5 mil	2015
WVDOH District 7 Headquarters					
Office Building and Equipment Shop Location: Weston Project Manager for the WVDOH: Kip Hall <i>Goals were met by reviewing previous designs with Owner's rep and district personnel. Revisions were made to accommodate specific needs.</i>	New	<i>Provide centralized office and meeting room for DOH district operations.</i>	29,915 sf	\$6.5 mil	Under Construction
	New	<i>Provide centralized maintenance and repair facility for all DOH district equipment.</i>	22,996 sf	\$4.75 mil	Under Construction
	Ph:	304-636-0215			
	Ph:	304-269-8917			

MUNICIPAL COMPLEX

Princeton, WV

PROJECT DETAILS

owner/district:
City of Princeton

year:
2018

size:
272,902 sf
37.5 acres

The former Dean Company Property is being considered as the new location for a multi-functional governmental complex. ETB designed a master plan that incorporated administrative offices, fire department, police department, public works, a recreational center and nautical center. This new hub will also be home to maker spaces, leasable space for large business ventures and a multi-sport outdoor facility for travel sports - baseball, softball and soccer. Outdoor amenities may include a skate park, family pavilions and running / walking paths.



Existing Structures



MUNICIPAL COMPLEX - FORMER DEAN COMPANY PROPERTY

Princeton, WV



RAILROAD MUSEUM

Princeton, WV

PROJECT DETAILS

owner/district:
City of Princeton

year:
2006

size:
12,000 sf (Two Story)



Princeton, as we know it today, began with the coming of the Virginia Railroad early in the twentieth century. The first commercial district literally rose from the railroad tracks up to East Mercer Street where a half dozen buildings still stand.

This recreation of the original railroad station (shown below) commemorates the history of the railroad in our area and provides visitors with an understanding of the impact the railroad had on our town.



COAL HERITAGE TRAIL INTERPRETATION CENTER

Bramwell, WV

PROJECT DETAILS

owner/district:
Bramwell Development Authority

year:
2003

The Coal Trail Interpretation Center was patterned after the original N&W train station that was located on the same site during the early 1900s (black & white image shown below).

An open courtyard provides the entrance to the center. The layout includes a lobby, interpretive display area for coal artifacts with audio/visual presentations, information center, gift shop and restrooms. An elevated, covered walk-way, reminiscent of a train passenger loading dock, leads along the courtyard to an authentic N&W railroad car.



CHICORY SQUARE INTERPRETIVE AREA AND STREETSCAPE

Bluefield, WV

PROJECT DETAILS

owner/district:
City of Bluefield

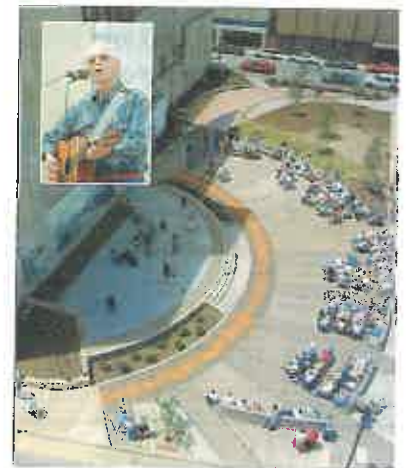
year:
2006

size:
Downtown Area



The Chicory Square Interpretive Area was renovated to symbolize the "round house" design, once a prominent feature in Bluefield. Walkways radiate out from the center of the stage in the same manner as the old railways radiated out from the round house, making the stage area the main focus of the site. Grates house lights to illuminate and highlight the stage, as well as provide site drainage. An interactive kiosk allows visitors to explore the history of Bluefield and the impact coal and the railroad had on the area.

The Bluefield Streetscape Project, completed prior to the Chicory Square renovations, consisted of new concrete sidewalks, curbs, new trees, period-style lighting and landscape furnishings. Plaques were installed in the sidewalks in front of the historically significant buildings.



with
Hill Studio

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 accommodate 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, Maintenance, Bridge/Sign

District Nine
Office Building

District Ten
Entire Complex

District Seven
Office Building
Equipment Shop
(under construction)



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 are both under construction. 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 accommodate 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, Maintenance, Bridge/Sign

District Eight
Equipment Shop

District Nine
Office Building

District Ten
Entire Complex



WV DOH DISTRICT TEN COMPLEX

Gardner, WV



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 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.

As this time, the following projects have already been completed:

**District One
Office Building**

**District Six
Office, Maintenance, Bridge/Sign**

**District Nine
Office Building**



MULTI-USE / GYMNASIUM PROJECTS

Mercer and Greenbrier Counties



EASTERN GREENBRIER MIDDLE GYM ADDITION



RONCEVERTE
ELEMENTARY
GYM ADDITION



PROJECT DETAILS

owner/district:
Greenbrier Co. Board of Education
Mercer County Board of Ed.

year:
2004 - 2014

size:
various

ETB provided a variety of designs for multi-purpose/gymnasiums for Mercer and Greenbrier County Schools.

These projects incorporated pre-engineered clear-span steel building structural systems in the design.

Greenbrier West High School
Auxiliary Gymnasium

Eastern Greenbrier Middle School
Gym Addition

Ronceverte Elementary School
Gym Addition

Mercer Elementary Multi-purpose
Gymnasium

Straley Elementary Multi-purpose
Gymnasium

WV TOURIST INFORMATION CENTER

Princeton, WV

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, 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 learning.

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



COMPUTER VISUALIZATION

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

SHA MD 586 Veirs Mill Road Bus Rapid Transit Study Montgomery County, MD

RK&K is the lead engineering and planning consultant for the Maryland Department of Transportation State Highway Administration (MDOT SHA) for the Veirs Mill Road Bus Rapid Transit (BRT) Study in Montgomery County, Maryland. The project is funded by Montgomery County and is the first corridor to move into planning from their *Countywide Transit Corridors Functional Master Plan* (2013).

The study is evaluating alternatives for a new BRT system along 6.2-miles of Veirs Mill Road between the Wheaton Metrorail Station and the Rockville Metrorail Station, which are both along the Red Line of the Washington Metropolitan Area Transit Authority's (WMATA) Metrorail system. The study is considering alternatives to reconfigure the roadway to efficiently accommodate BRT in the corridor.

The RK&K team is responsible for all engineering, environmental, and planning studies which began with the establishment of a purpose and need and will conclude with the selection of a recommended alternative and completion of a final corridor study report. Tasks completed on the project include:

- Preparation of the purpose and need.
- Development of the conceptual alternatives and presentation of the alternatives at a public workshop.
- Detailed engineering on the alternatives retained for detailed study (ARDS), including defining design criteria, preparing typical sections, plan, profiles, and cross sections.
- Development of proposed transit service plans (headways, hours of operation, etc.).
- Selection of station locations and development of station prototypes.
- Environmental analyses and technical studies on the ARDS, including: Air Quality, Community Effects, Hazardous Materials, Indirect and Cumulative Effects, Natural Environmental, and Noise analyses.
- Development of construction and operating cost estimates.
- Public involvement including regular meetings with a Corridor Advisory Committee which was established to provide local residents and business owners a continuous forum for providing comments during the project.
- Publishing a Draft Corridor Study Report, which summarizes alternatives and results of the alternatives analysis.
- Agency and public involvement (public meeting facilitation, newsletters, and project mailings).

The conceptual alternatives development phase resulted in ten alternatives that were a combination of bus service improvements and runningway improvements. Those ten conceptual alternatives were presented to the public at a workshop in November 2013 to get feedback on which alternatives should be carried forward. Following the workshop, the project team decided to retain four alternatives for detailed study, including the No-Build. These alternatives were selected because they provided a range in improvements for the transit service and the roadway.

The three build alternatives that were retained include an enhanced bus service with queue jumps, a new BRT service in dedicated curb lanes, and a new BRT service in dedicated median lanes.

The detailed analysis that RK&K completed for each of the ARDS started with refinement of the horizontal alignment, and development of the vertical alignment and cross sections. Then, using detailed engineering, RK&K performed engineering analyses focused on understanding impacts and issues associated with each alternative, including:

- A stormwater management analysis to identify the quantity and quality treatment requirements that would be required for each alternative, and costs associated with each.
- A utility analysis to identify existing utilities that may be impacted by the roadway improvements in the alternatives, and the costs associated with relocating any impacted utilities.
- Development of a construction cost estimate for each alternative.

The RK&K team completed environmental technical reports to document various impacts that each of the ARDS would have on the surrounding environment. Results of the engineering and environmental analyses are summarized in a Draft Corridor Study Report. Public comments received on the Report and at the public meeting were used by cooperating agencies to select an alternative. After selection of the alternative, RK&K will finalize the Corridor Study Report as the last deliverable for the project. The recommended alternative could then move forward into a NEPA document or preliminary engineering if a funding source is determined.



Program Management Consulting Services for Route 1 Bus Rapid Transit System Fairfax County, VA

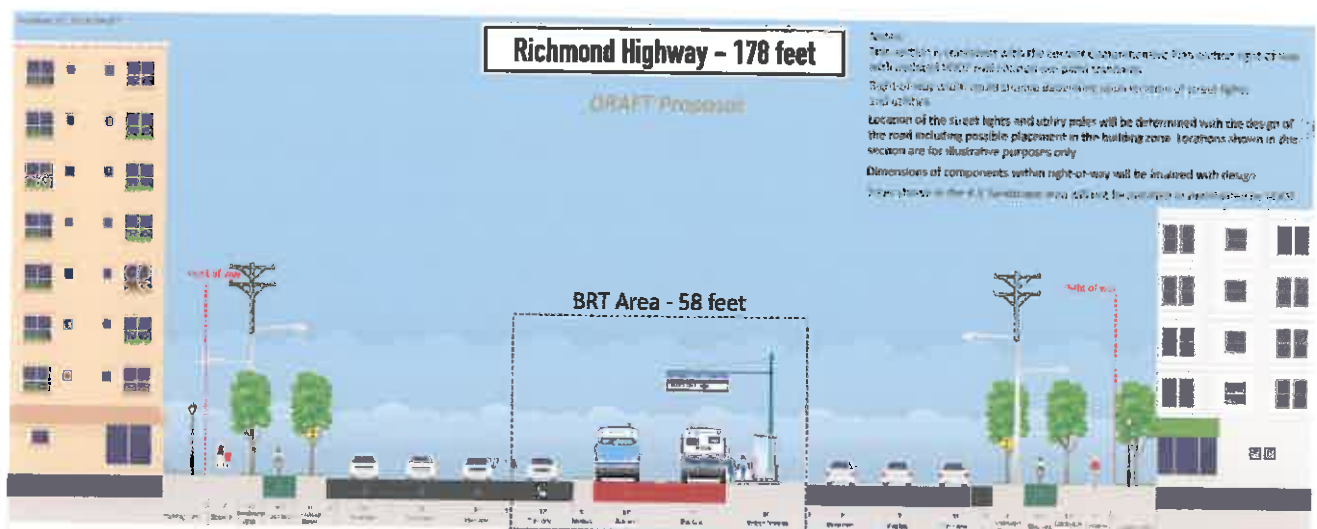


As part of a joint venture, RK&K is currently providing Program Management services to FCDOT for implementation of a new 10-mile-long bus rapid transit (BRT) system along Richmond Highway (US 1) between the Huntington Metrorail Station and Ft. Belvoir. The BRT system is a key part of Fairfax County’s plan to accommodate population and employment growth, address congestion, improve access, and foster economic development in communities along the corridor. The County comprehensive plan recognizes each station as an opportunity for walkable, transit oriented development.

The Richmond Highway BRT will be implemented in two phases: Phase I extends 2.4 miles along Richmond Highway and .7 miles along North Kings Highway between the Metro Station and Hybla Valley and Phase II extends 5.5 miles from Hybla Valley to Fort Belvoir. The BRT system will operate in dedicated lanes in the median of Richmond Highway for most of the corridor, and will include either new architecturally distinctive stations, near-level boarding, off-board fare collection, and advanced real-time passenger information systems. The dedicated transitway sections consist of a total median width of 32 feet to 58 feet throughout the corridor. The roadway will

be widened in some areas to accommodate the BRT transitway, and will include adding connections to walkways, trails, and bicycle facilities as well as streetscape improvements. The BRT will be operated with a fleet of specially branded BRT vehicles, and the design includes improvements to existing bus maintenance facilities to accommodate the BRT vehicles.

As Program Manager, RK&K’s current role is to supplement County staff; prepare an Environmental Assessment, including documentation of cultural and natural resources; prepare technical materials for presentation at public meetings; develop preliminary transitway / roadway alignments, typical sections, and cost estimates; design preliminary storm drainage and stormwater management features; compile of geotechnical data; coordinate with ongoing overlapping highway projects; and oversee the development of project financing, governance, and options for project delivery. Other anticipated tasks over the course of the 10-year PMC contract include preparing, advertising, negotiating, monitoring, and managing design and construction contracts.



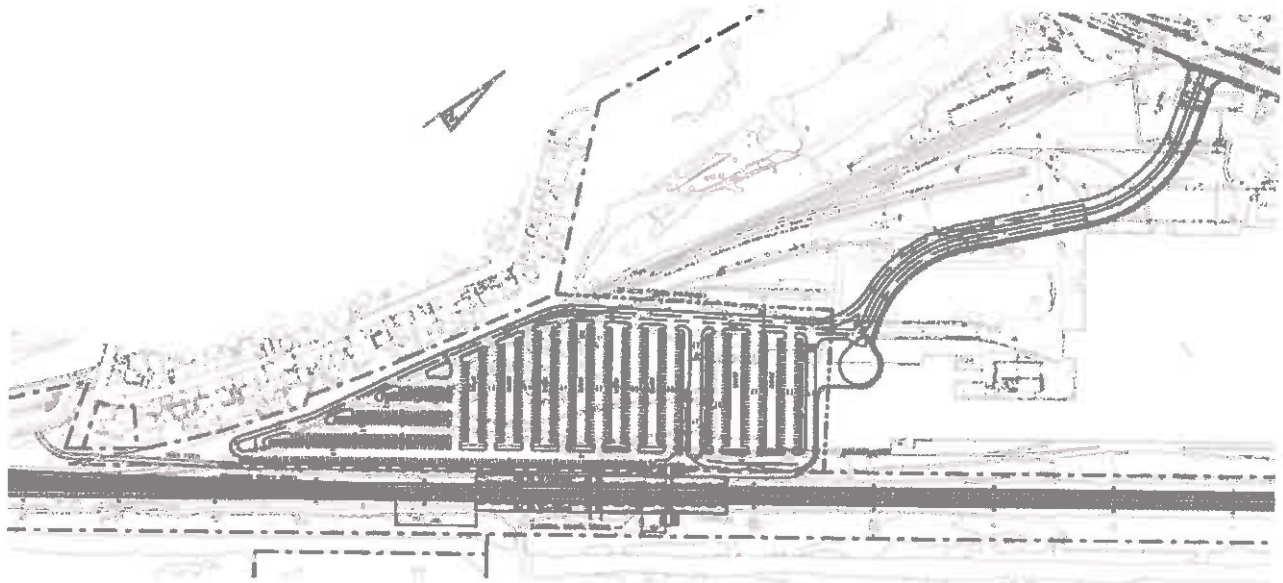
Claymont Regional Transportation Center

Claymont, DE

RK&K is responsible for providing Preliminary Engineering and NEPA documentation for the design of an 800-space park-and-ride facility, 630-foot long high-level side platforms along Amtrak's Northeast Corridor (NEC), and pedestrian bridge over Amtrak with elevators and stair towers at Claymont, DE. The project relocated a popular SEPTA Station approximately 1-mile north to: 1) clear an existing curve on the NEC, 2) eliminate a tunnel that periodically floods, and 3) provide additional parking capacity. The facility is part of DTC's transformation of rail stations to regional transportation centers to provide enhanced connectivity between rail, bus, commuters, cyclists, and pedestrians. Location of the pedestrian bridge was dictated by an existing signal bridge (northbound aspects only). Adjustments to the existing Amtrak catenary lines are required to accommodate the proposed pedestrian bridge.

As part of this project, RK&K provided documentation of cultural and natural resources per NEPA requirements, prepare traffic studies to determine methods of mitigating possible impacts to the roadway network, coordinated with DelDOT for a new intersection on US 13 and provisions for bicycle access to the train station, prepared concepts for both surface and structured parking, coordinated with property owner for transfer of 12 acres for the project, coordinated with DTC for number and location of electric vehicle charging station and provisions for future passive electric bus charging facilities, coordinated with DNREC for identification and mitigation of hazardous materials on the site, and assisted with development of 2016 TIGER grant application which lead to a \$10M award to the project. RK&K also assisted in the preparation of the draft Project Initiation agreement between DTC and Amtrak and coordinated with Amtrak regarding future track realignment and provision for platform width modifications to accommodate future track center widening.

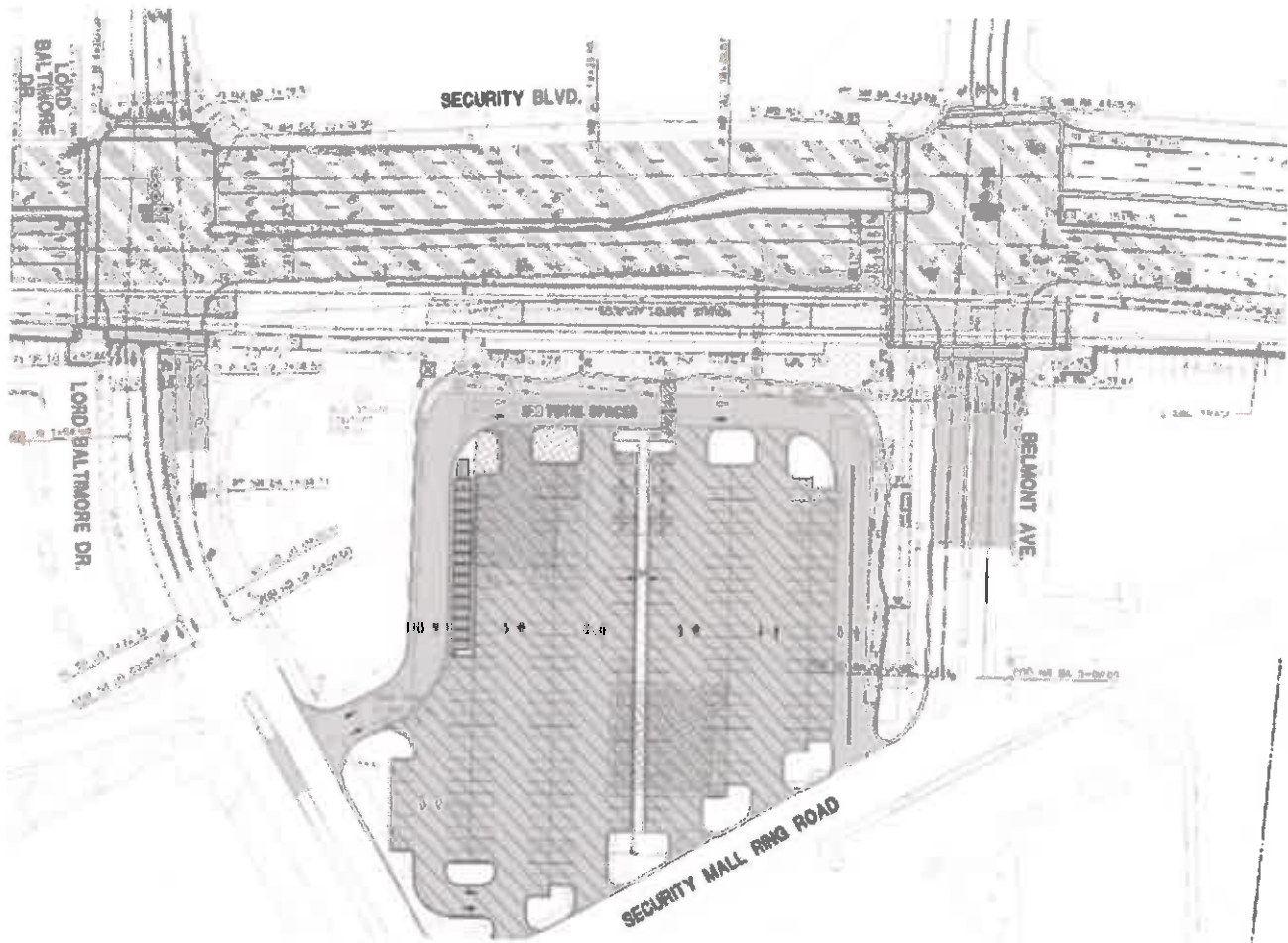
All proposed facilities were evaluated to confirm ADA and NFPA-130 compliance. Final design was coordinated with WILMAPCO, DelDOT, DNREC, New Castle County, and US Army Corps of Engineers.



Baltimore Red Line Light Rail Station Park and Ride Baltimore, Maryland

RK&K was selected, as part of a Joint Venture, for the Baltimore Red Line's preliminary and final engineering design. RK&K's role involved planning and design of rail and transit alignments, roadway design, water resources engineering, cultural resources, utility engineering design, and surveying. This included the design of several stations to serve as park and ride lots as well as bus transfer facilities.

Modes connecting to the stations include bus, auto, walk-up, and bicycle. At the Security Square station, 300 parking space and five bus bays were provided in a location currently occupied by surface parking and two freestanding restaurants. RK&K undertook extensive coordination with the mall owner, Baltimore County, the Maryland State Highway Administration, and Baltimore Gas & Electric which maintains a major natural gas main along the edge of the site.



Churchman's Crossing Commuter Rail Station New Castle, County, Delaware

RK&K was the prime consultant for the study team planning the expansion of regional rail service in northern New Castle County, Delaware. The study consisted of project planning for the extension of existing commuter rail service from Wilmington, Delaware to Newark, Delaware (Phase I) and other locations along Amtrak's Northeast Corridor (Phase II). The study also encompassed the analysis of other corridors in New Castle County to determine whether commuter rail, light rail or bus service was feasible (Phase III).



Phase I

RK&K studied the feasibility of four additional commuter rail stations along the Northeast Corridor. RK&K directed the analysis of rail patronage and rail capacity as well as performed analysis of engineering and environmental features of the station sites. Completed in November 1995, the study recommended implementation of the Churchman's Crossing site and eventual implementation of the Station West site when/if capacity of the Newark Station was exceeded.

Phase II

RK&K was selected by DelDOT to provide final design and construction support services for the Churchman's Crossing Commuter Rail Station in Delaware. The station consisted of a bus drop-off area accommodating six 40-foot buses, 159 parking spaces, stairs to the new platform along Amtrak's Northeast Corridor, and an ADA lift on the stairs.



Commuter Rail Station Parking Expansion

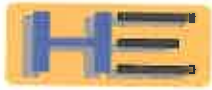
Point of Rocks, Maryland

RK&K was responsible for providing preliminary and final engineering design services for the MARC commuter rail station at Point of Rocks, Maryland. The project consisted of expanding the existing 276-space parking lot to 503 parking spaces to accommodate overflow commuter parking.

During preliminary design, RK&K evaluated alternative parking expansion configurations to maximize the available site area. The site was extremely narrow with CSX Railroad constricting it along the south and MD 28 along the north. In addition, the site was bisected by an intermittent stream that produced localized flooding as it attempted to pass beneath CSX's embankment. The selected layout included one-way traffic aisles and incorporation of bioretention swales between rows of parking to provide stormwater management quality control.

In final design, RK&K's primary areas of responsibility included preparing contract documents for civil, structural, drainage, utility and environmental design. The work included: site grading to avoid impacts to CSX's access road and to provide ADA compliant parking spaces; widening of MD 28 to provide deceleration and bicycle lanes; structural design of an underground stormwater management facility and box culvert to route the stream through the site; drainage systems and erosion and sediment control design; maintenance of traffic; construction staging to maintain current level of parking; utility pole relocation coordination; and obtaining all permits for the project.





OFFICE / COMMERCIAL BUILDINGS / STORAGE

WV Department of Highways SRC Office Building

HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for renovations to the 39,400 SF addition and renovations to existing office building in Charleston, WV.

WV DOH Weigh Station

HVAC, Plumbing and, Electrical design for new 885 SF weigh stations to replace existing weigh stations in Putnam County.

St. Albans Armory Storage Building

HVAC, Plumbing, Electrical and Fire Alarm design for a 3,000 SF storage building.

New Bus Garage

HVAC, Plumbing, Sprinkler, Electrical and Fire Alarm design for the new 5,900 SF bus garage in West Union, WV.

Public Works Building

HVAC, Plumbing, Sprinkler, Electrical and Fire Alarm design for new 4,500 SF bus garage in Romney, WV.

Beckley VA Parking Garage

HVAC, Plumbing, Electrical and Fire Alarm design for a new 4-story parking garage.

WV Veterans Home Barboursville

Electrical design for a new 1,000 SF storage building.

Pioneer Bank

HVAC, Plumbing, Electrical, and Fire Alarm design for a 6,900 SF, 2-story branch bank.

MVB Bank – Sabraton

HVAC, Plumbing, Electrical, and Fire Alarm design for a 3,600 SF branch bank.

State Credit Union Addition

HVAC, Electrical, and Fire Alarm design for a 2,500 SF, 2-story addition to the State Credit Union.



Harper Engineering, PLLC

52 B Street
St. Albans, WV 25177
Office: 304.722.3602 Fax: 304.722.3603

Prim Law Office

HVAC, Plumbing, Electrical, and Fire Alarm design for a 6,000 SF, 2-story office for Prim Law.

W. Kent Carper Justice and Public Safety Complex

HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for renovations to the 62,400 SF Justice and Public Safety Complex.

Office Addition to Boone County Courthouse Annex

HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a 20,000 SF addition and renovations to the Boone Co Courthouse Annex.

Energy Corporation of America

HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler design for a 60,000 SF office located in Charleston, WV.

Dominion Gas Office Building

HVAC, Plumbing, Electrical, Fire Alarm, and Sprinkler Design for a 20,000 SF office, located in Clarksburg, WV.

STATE PARKS

Cabwaylingo State Park Dining Hall

HVAC, Plumbing and Electrical Design for a new 3800 SF facility.

Chief Logan Lodge and Conference Center Pool

MEP design for new ventilation system for pool filtration.

Palentine Park Improvements

Site lighting and power for Splash Park pump, rest rooms, Amphitheatre and power for vendor receptacles.

Management & Staffing Capabilities

Todd Boggess is President of E.T. Boggess Architect, Inc., and will serve as the design team leader. Todd will be the architect-of-record and will be assisted by . . .

Stephen Mackey is responsible for design, code review, project programming, and research standards review.

Nathan Turner will be the project manager responsible for coordinating all project information amongst the team.

Dale East will be managing the construction documentation and, along with Mr. Mackey, they will be generating the design and construction approach to realize the project.

Chris Canterbury is ETB's construction contract administration manager. With over 18 years of CA experience, Chris' knowledge and background of all building systems has been an invaluable asset to our team. Nathan Turner, as project manager, and Todd Boggess also remain very active during the CA phase to help ensure the design intent is realized.

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. Regardless of the schedule, we are confident that our manpower and skill level will remain more than adequate, even in the early, labor intensive phases. Our projected workloads and the depth of personnel available are such that staffing projects of this size and complexity will have no adverse impact on any current or future projects in our office.

Resumes for our design team, including

Mark B. Henry, PE	RK&K
Samuel P. Wilkes, MS. PWS, LRS	RK&K
Maggie M. Berman, CEP	RK&K
Craig P. Saville, PE, Prof. L.S.	RK&K
Jason E. Harper, PE	Harper Engineering, pllc
Kevin Mark King, PE	Harper Engineering, pllc
Scott D. Phillips	Harper Engineering, pllc
Richard M. Standish	Harper Engineering, pllc

can also be found on the following pages.

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.

COMMITTEES

West Virginia Board of Architects (2014) – Governor Tomblin recently 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 15 years. He currently serves as vice-chair. The board is responsible for reviewing and ruling on appeals to the existing Princeton Zoning Laws.

PROJECTS – Governmental

- West Virginia Tourist Information Center, Princeton
- Princeton Railroad Museum (*Historical Re-creation*), Princeton
- Bramwell Coal Interpretive Museum (*Historical Re-creation*), Bramwell
- Municipal Complex for the City of Princeton (adaptive re-use), including administrative, police, fire, public services, and recreation
- Princeton Rescue Squad Multi-use Building, Princeton, WV
- WVDOH District 10 Headquarters Complex, Gardner, WV
 - Office Building
 - Maintenance Building
 - Bridge & Sign Shop
 - Laboratory
- WVDOH District 6 Headquarters 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
- WVDOH District 7 Office Building & Equipment Shop, Weston, WV
- WVARNG Readiness Center, Elkins, WV
- WVARNG Coonskin Joint Facilities Exterior Renovation, Charleston, 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 & Design



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 a number of large educational projects. Specific project responsibilities include:

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

PROJECTS

Mr. Mackey rejoined ETB Architects in 2009 after serving as Executive Vice President for two architectural firms in Florida. During his absence, Mr. Mackey also served as project manager on several large school projects in the state of Florida and has been focused on education projects since his return to ETB.

- Municipal Complex for the City of Princeton (adaptive re-use), including administrative, police, fire, public services, and recreation
- Princeton Rescue Squad Multi-use Building, Princeton, WV
- 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, Beaver, WV
- Mercer County Health Center, Green Valley, WV

While employed with Veenstra Rinamin Lazar (VRL) Architects in Jacksonville, Florida, Steve served as project manager for the design of six stations along the 2.5 mile 'starter line' of Jacksonville's Automated Skyway Express peplemover. Included among the stations was the Rosa Parks Transit Station, an open-air intermodal station that connected riders with Jacksonville's city bus system. As Jacksonville's major bus transfer point, the station features eighteen bays for city buses. Bus transfers are made on the ground level, with the Skyway element on the elevated platform.

The Rosa Parks Transit Station project is highly regarded among intermodal stations in transportation circles and received awards for its architectural design.



Image Credit:
"Rosa Parks Transit Station, Jacksonville Florida - Image courtesy of Google Maps"

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 has obtained LEED certification 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
- project management
- project coordination
- construction specifications
- construction administration

PROJECTS

- Municipal Complex for the City of Princeton (adaptive re-use), including administrative, police, fire, public services, and recreation
- Princeton Rescue Squad Multi-use Building, Princeton, WV
- 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, Beaver, WV
- WVARNG Readiness Center, Elkins, WV

Dale East
Production Management



EDUCATION

- Bachelor of Science - Architectural Engineering
 Bluefield State College

RESPONSIBILITIES

Mr. East is an architectural intern with 10 years of experience who joined ETB in November of 2013. Prior to returning to Princeton, his work at architectural firms in Tennessee allowed him to manage projects from New Jersey to Atlanta, ranging from educational facilities to zoological exhibits. Dale is involved in all phases of design documentation and production and is eager to handle any task needed to ensure a smooth project flow from start to finish.

Specific project responsibilities include:

- 3D modeling
- graphics/imagery
- construction documentation
- project coordination

PROJECTS

- Municipal Complex for the City of Princeton (adaptive re-use), including
 - Administrative
 - Police
 - Fire
 - Public services
 - Recreation
- Princeton Rescue Squad Multi-use Building, Princeton, WV
- WVDOH D7 Office Building, Lewis County
- WVDOH D7 Equipment Shop, Lewis County
- WVARNG Coonskin Joint Facilities (*Exterior Renovation*), Charleston, WV
- Bill Cole Automall Used Cars (renovations), Green Valley, WV
- Ramey Chevy (renovations), Green Valley, WV
- Ramey Toyota (addition & renovations), Green Valley, WV

Chris Canterbury, Associate AIA
Construction Administration 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 administration
- organizing and attending meetings
- contacting material suppliers
- responding to contractor's requests for information
- reviewing submittals and shop drawings
- site visits/observations

PROJECTS

- Municipal Complex for the City of Princeton (adaptive re-use), including administrative, police, fire, public services, and recreation
- WVDOH Buildings – multiple types/locations
 - District 9 Office Building, Lewisburg, WV
 - District 1 Office Building, Charleston, WV
 - District 8 Equipment Shop, Elkins, WV
 - District 7 Office Building & Equipment Shop, Weston, WV
- Bill Cole Automall Used Cars (renovations), Green Valley, WV
- Ramey Chevy (renovations), Green Valley, WV
- Ramey Toyota (addition & renovations), Green Valley, WV
- Straley Elementary School Multi-purpose Building, Princeton, WV
- Ronceverte Middle School Gym (addition), Ronceverte, WV
- Eastern Greenbrier Middle School Gym (addition),

Mark B. Henry, PE
Senior Manager



Assignment:

Project Management

Education:

BS, Civil Engineering, Virginia Tech, 1990
MS, Civil Engineering, Virginia Tech, 1992

Licenses:

Professional Engineering, Civil Engineering:
Virginia, [REDACTED] 1996; Maryland [REDACTED] 2010;
District of Columbia [REDACTED] 2016

Years of Experience:

RK&K: 9 Other Firms: 18

Mr. Henry is a Senior Manager, Rail/Transit with more than 27 years of transportation experience in planning, surveying, design, construction, and construction management on transportation projects. Mark has designed and managed transportation projects ranging from bridge replacements, roadways and interstates, traditional and complex interchanges, site development, and railroads in multiple states. Project development includes Concept to Construction including environmental documentation, public involvement, preliminary design, final plans, specifications, material and cost estimates, and post design services.

Corridor Cities Transitway (Montgomery County, MD): Project Manager for the implementation of cost reductions and station modifications for the 30% CCT Design Plans. The CCT represents a high-quality Bus Rapid Transit (BRT) line operating along a 9-mile corridor from the Metropolitan Grove MARC station to the Shady Grove Metrorail station in Montgomery County, Maryland. The combination of dedicated and shared-use transitway consists of a composition of surface-running and grade-separated crossings serving 14 stations including MARC and WMATA. Cost reductions included revising the transitway corridor, modifying terminus stations, implementing prototypical station designs, and revising 30% Design Plans.

Amtrak Penn Station Baltimore (Baltimore, MD): Amtrak initiated the project in pursuant to its 2021 Northeast Corridor Service Plan for infrastructure improvements focused towards improving Baltimore Penn Station to accommodate Amtrak's high-speed train (HST) fleet and MARC's service frequencies through a Railroad Rehabilitation & Improvement Financing (RRIF) Loan. As the Site Project Manager, Mr. Henry coordinates the site disciplines to incorporate a new station platform and the rehabilitation of an existing platform.

Central Maryland Transit and Operations Facility (Howard County, MD): Project Manager for the design of a fleet operation and maintenance facility for Regional Transportation Agency of Central Maryland (RTA). Transportation fleet comprised of 114 vehicles ranging from route buses to sedans and pick-up trucks. The project included the site and building design for a 23,000sf LEED Silver certified building on the 6-acre site. Project involved evaluating existing operating plan, assessing specified modifications, establishing operational and space needs, operational orientation of the facility, concept development, and construction plans. Project responsibilities included project management, site and building operational design development, site/civil design, discipline coordination, and construction management services.

Baltimore Red Line Light Rail (Baltimore, MD): The Baltimore Red Line was a 14-mile light rail transit project extending from the Center for Medicare and Medicaid Services west of I-695 in Baltimore County to east of Canton in the City of Baltimore. As a Segment Manager through the Conceptual Design, Preliminary Design and Final Design phases, Mr. Henry's primary responsibility was coordination of subconsultants and internal team members for the civil design, roadway design, intersection design, trackwork design, maintenance of traffic sequencing, coordination with other disciplines for utility relocations, drainage design and stormwater management, traffic signals, station architecture, structures and track systems.



Samuel P. Wilkes, MS, PWS, LRS
Manager, Transportation

Assignment:

Project Manager

Education:

MS/Environmental Science & Policy/2003
BS/Earth & Environmental Science/1996

Licenses/Registrations:

Professional Wetland Scientist, [REDACTED] 2003
WV Licensed Remediation Specialist [REDACTED] 2017

Years of Experience:

RK&K: < 1 Other Firms: 21

Mr. Wilkes established and is the manager of RK&K's Charleston WV office. He has over 21 years of environmental consulting experience as a project manager and technical environmental scientist in support of environmental planning projects for public and private projects. His water quality, hazardous materials, and ecological sciences experience makes him a vital team member in conducting NEPA environmental studies.

Kanawha Valley Regional Transportation Authority. Provided consulting services to further investigate and close out the WVDEP case files for a leaking underground storage tank through the UECA program. As the WVDEP Certified Licensed Remediation Specialist, provided staff oversight and quality control to employees and subcontractors conducting the field investigation, data validation and risk assessment.

West Virginia Division of Highways Cultural Resources: Providing project management oversight and coordination between the client and internal scientists and archeological staff conducting Cultural Resources Phase I Archeological investigations and Historic Structures assessments to determine historic register eligibility. Projects consist of three bridge replacements and a roadway corridor along the West Fork River that contains 14 slip areas and a new road right of way.

West Virginia Division of Highways NEPA Re-Evaluation: Inwood Bypass NEPA re-evaluation project manager overseeing technical re-evaluations of the entire project corridor and confirming environmental impacts due to the timeframe of the original NEPA document being older than three years. Three years is the federal guidance timeframe for re-valuation of NEPA documents. The re-evaluation will review and revise impacts of the design for the following disciplines: socioeconomics, including environmental justice, natural resources (wetlands, floodplains, and topography), cultural resources (historic resources and archaeology), noise, and hazardous materials.

West Virginia State University NEPA Environmental Assessment: Provided direction and oversight to the scientists and archeological staff conducting various investigations on WVSU's campus. A groundwater contamination plume from neighboring DOW Chemical is under the WVSU property, requiring a vapor barrier in the building being rehabbed. A Phase I Archeological survey was conducted with no significant historic findings, as required by the WV Department of Culture and History. Conducted document quality control reviews prior to delivery to the client and the public meeting outreach for the project.

Cabin Creek Health Care System NEPA Environmental Assessment: Provided technical scientific evaluation of the proposed development site to establish a health care facility. Conducted evaluations for threatened and endangered species, historical structures, cultural resources, wetlands and waters of the US, and hazardous contamination. Initiated a formal US Fish & Wildlife threatened and endangered species review for the property. Conducted a public meeting and established a repository for the public review of the EA Document.

Charles Town Utilities Source Water Engineering Analysis & Source Water Protection Plan: Under contract with the Eastern Panhandle Regional Planning and Development Council, managed the engineering analysis to determine alternate supplies of drinking water for Charles Town Utilities. This project was part of the Source Water Protection Plan update because of Senate Bill 373. Mr. Wilkes conducted presentations in support of Charles Town Utilities at a public forum held by the WV Rivers Coalition and again for a Public Hearing conducted by the WV Department of Health and Human Resources. All public comments and concerns were address in a response to comments document and addendum to the Source Water Plan.



Maggie M. Berman, CEP
Project Planner

Assignment:

NEPA Documentation

Education:

BA, Environmental Studies, 2004

Licenses:

Certified Environmental Professional [REDACTED]

Years of Experience:

RK&K: 11 Other Firms: 0

Ms. Berman has eleven years of experience in contract management, transportation planning, and environmental documentation. Her experience involves the development and review of NEPA documentation, as well as the development of planning documents, environmental policy procedure and regulation manuals. Her NEPA experience includes socioeconomics including Environmental Justice, Section 4(f) evaluations, natural resources, Indirect and Cumulative Effects (ICE) analyses, and public involvement. Maggie possesses the breadth of knowledge needed to provide support and leadership for all resource disciplines.

Inwood Bypass Study, Berkeley County, WV: Project planner responsible for preparation of an Environmental Assessment (EA) for a new bypass to improve congestion within Inwood, WV. As the primary document author, Ms. Berman oversaw the individual resource assessments and preparation of technical reports and memos for the following disciplines: socioeconomics, including environmental justice, natural resources (wetlands, floodplains, and topography), cultural resources (historic resources and archaeology), noise, and hazardous materials. Ms. Berman supported WVDOH providing materials for coordination with SHPO. She also served as the coordinator for public involvement and oversaw the production of notification mailings, project displays, handouts and mapping for two public meetings.

Colonel Ruby Bradley Bridge Study, Spencer, WV: Project Planner currently working on the Categorical Exclusion for the replacement of the Colonel Ruby Bradley Bridge in downtown Spencer. This effort has included development of the study Purpose and Need statement based on traffic information, crash data, and bridge conditions. Maggie has worked with the WVDOH to ensure all components of the NEPA study are carried out in accordance with Federal and state regulations. She is responsible for overseeing the hazardous materials Phase I Environmental Site Assessment (ESA) and subsequent Phase II ESA to characterize potential soil and groundwater contamination, as well as the socioeconomic analysis including EJ, and summarizing the analyses being completed by others (natural and cultural resources).

Hampton Roads Crossing Study, Hampton Roads, VA: Project planner responsible for preparing the Draft SEIS (2016) and Final SEIS (2017) to relieve congestion in the Hampton Roads region. Responsibilities included the development of Purpose and Need, land use, socioeconomic evaluation (including environmental justice), Section 4(f), and ICE. Ms. Berman served as the primary author of the SEIS and was responsible for addressing/preparing responses to over 550 comments received on the Draft SEIS. This large-scale, high-profile study, which included the SEIS and supporting technical documentation, was accomplished under an accelerated schedule of less than 24 months from Notice to Proceed to signed ROD. Ms. Berman worked continuously with VDOT to develop materials for public outreach, which included two rounds of citizen information meetings and a location public hearing in support of the SEIS. Ms. Berman provided rigorous QC for all study documentation and served as the primary liaison for five subconsultants, ensuring deliverables were complete, consistent, accurate, and submitted on time.

Route 250 Bypass Interchange at McIntire Road, Charlottesville, VA: Prepared the EA document for a high profile proposed interchange. Responsibilities included developing the Purpose and Need, conducting impacts analysis, developing graphics, and participating in public involvement efforts including consulting parties outreach and consultation for Section 106. Prepared Section 4(f) Evaluation including assessment of cultural resources and avoidance alternatives. Responsible for preparing materials/displays and participating in the Public Hearing to present the Preferred Alternatives.



Craig P. Saville, PE, Prof.L.S.

Project Engineer

Assignment:

Stormwater Management/Civil Engineering

Education:

BS/Natural Resource Conservation/2001

BS/Civil Engineering/2007

AS/Land Surveying/2007

Licenses/Registrations:

PE/Civil Engineering [REDACTED] MD/2008

Professional Land Surveyor [REDACTED] MD/2007

Years of Experience:

RK&K: 11 Other Firms: 6

Mr. Saville has more than 15 years of experience in the design and review of transportation related roadway and facilities civil engineering and survey projects for storm drains, SWM, utility, ESC, drainage asset inventory, inspection and remediation. He has expertise in H/H analysis, design and review of slope stability, outfall and stream restoration projects for variety of large and small site development, roadway construction and bridge projects. He has extensive working knowledge of SHA/MDTA H/H criteria, post-storm event inspection protocols, access permit reviews, the 2011 Maryland Standards and Specifications for Soil and Erosion Control, the 2000 Maryland Stormwater Design Manual, including respective Chapter 5 updates and recent MDE guidelines. He has a full working knowledge with requirements of the NRCS Maryland Pond Code 378, USACE, NPDES MS-4, Critical Area Commission, and various local agencies SWM/ESC and drainage design requirements. He has utilized most of the state-of-the art H/H software.

MTA Baltimore Red Line Corridor Transit Study and General Engineering Contract (GEC), Baltimore, MD. H&H Project Engineer responsible for design of multiphase erosion and sediment control plans for the entire 14 miles of the red Line project. Coordinated with other disciplines, PMC, delegated review authority for securing ESC approvals.

DDOT Anacostia Riverwalk Trail, DC. Project Engineer providing storm drain design, erosion & sediment control and stormwater management for both DC and MD approvals. The water resources work was coordinated with District Department of the Environment (DDOE), DDOT, WASA, NPS, USACE, MDE, Maryland Department of Natural Resources (DNR), Prince George's County, Amtrak and Maryland National Capital Park and Planning Commission (M-NCPPC). The Anacostia Riverwalk Kenilworth Trail Section is a multi-use 3.9-mile trail project, including four new bridges and modifications to an existing bridge. It originates in Washington, DC and extends northward along the east bank of the Anacostia River before terminating in the Bladensburg Waterfront Park in Prince George's County, Maryland.

On-Call Civil/Environmental Engineering & CM Services (S10-073), Prince George's County, MD. Senior Project Engineer responsible for SWM BMP and ESC designs, drainage investigation, field inspection, design of remediation addressing drainage complaints, flooding issues, storm drain system inadequacies, outfall erosion, and stream relocation for several projects such as six bioretention BMPs for Laurel High & Friendly High Schools; Livingston, Castle Court, and Arapaho Drainage Improvement projects, and Laurel Lakes sediment mitigation/Bear Branch stabilization. Prepared plans, specifications, construction cost estimates, special provisions and assisted in environmental permits.

MDTA Comprehensive Preliminary and Final Engineering Design Services, Statewide, MD. Sr. Project Engineer responsible for performing on several simultaneous assignments. Performed as on-site support responsible for assessment of drainage conditions, preparation of assessment reports, developing remedial alternatives and work orders, cost estimates, supported required permitting services, and participated in regular weekly MDTA drainage project related progress meetings. Sample typical assignments processed under this task included addressing various minor and major slope erosions, clogged outlets, scoured outfalls, failed concrete channels, median inlet sink holes, ponding/flooding mitigation, abutment panel failure and evaluation for remediation of failed or partially failed SWM BMPs at MDTA facilities.

H a r p e r E n g i n e e r i n g , p l l c

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Jason E. Harper, PE
(304)-541-1390
jason@harperengwv.com

Education

West Virginia University Institute of Technology
Montgomery, WV
Bachelor of Science-Mechanical Engineering

Registrations/Professional Affiliations

Licensed Professional Engineer – WV, KY, MD
ASHRAE
NFPA
LEED Green Associate

Experience

Jason E. Harper, PE brings 11 years design experience to our firm. He has experience with HVAC, Electrical, plumbing, and fire alarm system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

WV DOH SRC Office Building
WV DOH Weight Station
W. Kent Carper Justice and Public Safety Complex
WV Veterans Home Storage Building
St. Albans Armory Storage Building
West Union Bus Garage
Romney Public Works Building
Dominion Gas Office Building
Energy Corporation of America



Kevin Mark King, PE
mark@harperengwv.com

Education

West Virginia University Institute of
Technology Montgomery, WV
Bachelor of Science-Electrical Engineering

Bluefield State College
Bluefield, WV
Bachelor of Science-Computer Science

Registrations/Professional Affiliations

Licensed Professional Engineer – WV, KY, PA, OH, VA
WV licensed Master Electrician
LEED Green Associate
NFPA

Experience

Kevin Mark King, PE brings 10 years of electrical design experience and over 11 years of electrical construction/maintenance experience to our firm. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, emergency services facilities, government buildings and industrial projects.

Projects

WV DOH SRC Office Building	WV Veterans Home Storage Building
WV DOH Weight Station	St. Albans Armory Storage Building
St. Albans Armory Storage Building	West Union Bus Garage
Romney Public Works Building	Dominion Gas Office Building
Energy Corporation of America	
W. Kent Carper Justice and Public Safety Complex	



H a r p e r E n g i n e e r i n g , p l l c

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Scott D. Phillips
(304)-722-3602
Scott@harperengwv.com

Registrations/Professional Affiliations

American Society of Plumbing Engineers

Experience

Scott D. Phillips brings 30 years design experience to our firm. He has experience with mechanical, electrical, plumbing and fire suppression system design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

WV DOH SRC Office Building
WV DOH Weight Station
W. Kent Carper Justice and Public Safety Complex
WV Veterans Home Storage Building
St. Albans Armory Storage Building
West Union Bus Garage
Romney Public Works Building
Dominion Gas Office Building
Energy Corporation of America
Pioneer Community Bank
Pulmonary Associates Office Building
Fairmount State University WV Folk Life Center
Rahall Technology and Business Center Community Based Outpatient Clinic



Richard M. Standish
(304)-722-3206
Rick@harperengwv.com

Registrations/Professional Affiliations

ASHRAE

Experience

Richard M. Standish brings 36 years design experience to our firm. He has experience with HVAC, plumbing, and electrical design. His specialty is the electrical design of water treatment and wastewater treatment plants. Rick's projects include treatment plants, educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

Projects

Brooke County High School
University of Charleston Dorm
Tri-State Gaming Center
Mylan Pharmaceuticals Expansion
Mason Co. 911 Center
Oak Hill Police Station
Kenova WTP
Boone County WWTP
Salt Rock PSD
Eleanor Maintenance Facility

Wyoming West High School
WVU- Boreman Hall
Greenbank Observatory
Robert Byrd Health Science Center
WV DEP Consolidated Offices
Flatwoods-Canoe Run PSD
Union PSD
City of St Mary's WWTP
St. Albans WTP
Dominion Gas Office Building

GOVERNMENTAL REFERENCES

Princeton Public Library *(Adaptive Re-use of Historic PO)*
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.

Princeton City Hall *(Adaptive Re-use of Manufacturing)*

Mr. Mike Webb, City Manager
 City of Princeton
 100 Courthouse Road
 Princeton, WV 24740
 304-487-5093

Mercer County Courthouse Annex *(New Construction)*
Mercer County Health Department *(New Construction)*
Mercer County Courthouse *(Historical Renovations/Upgrades)*
Mercer County War Memorial Building *(Historical Renovations/Upgrades)*

Ms. Vicky Reed
 Mercer County Commission
 1501 West Main Street
 Princeton, WV 24740
 304-487-8306

Cole Automall *(Renovations / Automotive)*

Mr. Bill Cole
 Cole Honda / Nissan
 PO Box 1810
 Bluefield, WV 24701
 304-325-9141



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

State of West Virginia
 Centralized Expression of Interest
 34 - Service - Prof

Proc Folder: 421230

Doc Description: Expression of Interest for WVDOT, Division of Pubic Transit

Proc Type: Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
2018-03-02	2018-03-20 13:30:00	CEOI 0805 PTR1800000002	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

E.T. Boggess Architect, Inc.
PO Box 727
Princeton, WV 24740
101 Rockledge Avenue
304-425-4491

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey
 (304) 558-0094
 melissa.k.pettrey@wv.gov

Signature X

FEIN #

55-0515917

DATE

March 16, 2018

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

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: PTR180000002

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 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

March 16, 2018

Date

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



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

State of West Virginia
 Centralized Expression of Interest
 34 - Service - Prof

Proc Folder: 421230

Doc Description: Expression of Interest for WVDOT, Division of Pubic Transit

Proc Type: Central Contract - Fixed Amnt

Date Issued	Solicitation Closes	Solicitation No	Version
2018-02-08	2018-03-20 13:30:00	CEOI 0805 PTR1800000002	1

BID RECEIVING LOCATION

BID CLERK

DEPARTMENT OF ADMINISTRATION

PURCHASING DIVISION

2019 WASHINGTON ST E

CHARLESTON

WV 25305

US

VENDOR

Vendor Name, Address and Telephone Number:

E.T. Boggess Architect, Inc.

PO Box 727

Princeton, WV 24740

101 Rockledge Avenue

304-425-4491

FOR INFORMATION CONTACT THE BUYER

Melissa Pettrey

(304) 558-0094

melissa.k.pettrey@wv.gov

Signature X

FEN #

55-0515917

DATE

March 16, 2018

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.

Todd Boggess President
 (Name, Title) Todd Boggess, President
 (Printed Name and Title)
PO Box 727, Princeton, WV 24740
 (Address)
(P) 304-425-4491 / (F) 304-425-2028
 (Phone Number) / (Fax Number)
etb@etbarchitects.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

E.T. Boggess Architect, Inc.
 (Company)
Todd Boggess Todd Boggess, President
 (Authorized Signature) (Representative Name, Title)

Todd Boggess, President
(Printed Name and Title of Authorized Representative)

March 16, 2018
(Date)

(P) 304-425-4491 / (F) 304-425-2028
(Phone Number) (Fax Number)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: E.T. Boggess Architect, Inc. Address: PO Box 727, 101 Rockledge Avenue
Princeton, WV 24740

Authorized Agent: Todd Boggess Address: 101 Rockledge Ave., Princeton, WV

Contract Number: PTR1800000002 Contract Description: BAT Transfer Station

Governmental agency awarding contract: WVDOH / Public Transit

Check here if this is a Supplemental Disclosure

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

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

Harper Engineering (St. Albans) and RK&K (Charleston)

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Todd Boggess

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: *Todd Boggess* Date Signed: March 16, 2018

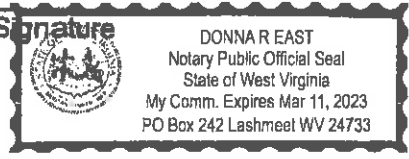
Notary Verification

State of West Virginia, County of Mercer

I, *Todd Boggess* (Todd Boggess), the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 16th day of March, 2018

Donna R. East
Notary Public's Signature



To be completed by State Agency:
Date Received by State Agency: _____
Date submitted to Ethics Commission: _____
Governmental agency submitting Disclosure: _____

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §81-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

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

Authorized Signature: *[Signature]* Date: March 16, 2018

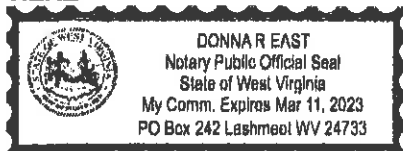
State of West Virginia

County of Mercer to-wit: _____

Taken, subscribed, and sworn to before me this 16 day of March, 2018.

My Commission expires March 11, 2023.

AFFIX SEAL HERE



NOTARY PUBLIC

[Signature]



Letter of Transmittal

3/16/2018

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

Project:
Transfer Station for BAT

Atten: Melissa Pettrey, Senior Buyer

Sending Via:
UPS

Subj: Qualifications

CODE LEGEND	<input type="checkbox"/> 1. For payment	<input type="checkbox"/> 4. For your signature	<input type="checkbox"/> 7. Send 1 to Contractor
	<input checked="" type="checkbox"/> 2. For your review	<input type="checkbox"/> 5. As requested	<input type="checkbox"/> 8. Return 1 to ETB
	<input checked="" type="checkbox"/> 3. For your files/use	<input type="checkbox"/> 6. Owner keeps 1	<input type="checkbox"/> 9. Office Copy

# of copies	DATE	DESCRIPTION	CODE
		PTR180000002	
2		Statement of Qualifications - Original	2
1		WV Purchasing Forms - Unbound (also bound in Section 7 of the proposal)	3

REMARKS:

Thank you for this opportunity and we look forward to hearing from you.

Signed: Todd Boggess, AIA, NCARB, Architect