



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1009233

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000204787

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 03/22/2022

Response Time: 8:37

Responded By User ID: Thrasher

First Name: Caroline

Last Name: Marion

Email: cmarion@thethrashergr

Phone: 304-624-4108

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR2200000009

Published Date: 2/25/22

Close Date: 3/22/22

Close Time: 13:30

Status: Closed

Solicitation Description: A/E Services - Elk River Trail New HQ Building

Total of Header Attachments: 1

Total of All Attachments: 1

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Civil engineering				0.00

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments: n/a

Extended Description:

Architectural/engineering services and contract administration for new headquarters building at Elk River Trail.

THRASHER



WV DIVISION OF NATURAL RESOURCES

CEOI 0310 DNR2200000009

Elk River Rail Trail New Headquarters and Maintenance Building

Submitted by:
The Thrasher Group, Inc.
March 22, 2022

March 22, 2022

Attn: Mr. Joeseeph E. Hager III
joseph.e.hageriii@wv.gov

RE: WVDNR — Elk River Rail Trail New Headquarters and Maintenance Building

Dear Mr. Hager and Selection Committee Members:

The West Virginia Division of Natural Resources wants to construct a new headquarters facility and maintenance building for the Elk River Trail. This new space will hold a maintenance shop, park reception area, gift shop, offices, and an efficiency apartment. With services ranging from site work and civil engineering to architectural design and construction administration, the WVDNR needs a wide variety of tasks accomplished to make this project a reality. The Thrasher Group is the right firm for the job.

Thrasher is a full-service architecture and engineering firm with a reputation for success across the state and beyond. Our team can provide every aspect of your project's needs with a team of in-house experts. Thrasher's architects will handle the design of the building itself, creating a welcoming, vibrant space for visitors to enjoy. Our engineering staff will handle all site design, parking and traffic control, utilities, and MEP needs to make sure the facility is safe, accessible, and functional. Additionally, Thrasher has staff members to handle any environmental permitting requirements, cost estimating, and construction administration. No matter what the WVDNR needs for this project, Thrasher's got it.

In addition to our design experience, Thrasher's team of experts have worked on a variety of recreation-related projects over the years. Our portfolio of experience with outdoor tourism facilities gives us an additional insight that will prove to be beneficial for this new headquarters. Thrasher understands the importance of maintaining the natural beauty of the site and will provide a design that works with the landscape of Elk River Trail, while adding amenities that improve guest and staff experience.

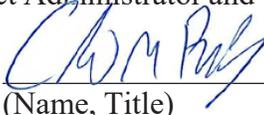
We appreciate the opportunity to share our qualifications with you and look forward to further discussing how The Thrasher Group can create a successful outcome for the West Virginia Division of Natural Resources.

Sincerely,
The Thrasher Group, Inc



Chad Riley, P.E.
Principal

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.



(Name, Title)

Chad Riley, Principal

(Printed Name and Title)

300 White Oaks Blvd. | Bridgeport, WV 26330

(Address)

304-326-6120

(Phone Number) / (Fax Number)

criley@thethrashergroup.com

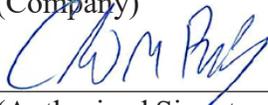
(email address)

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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

The Thrasher Group, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Chad Riley, Principal

(Printed Name and Title of Authorized Representative)

03/17/2022

(Date)

T: 304-624-4108 F: 304-624-7831

(Phone Number) (Fax Number)

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: The Thrasher Group, Inc.

Authorized Signature: *[Handwritten Signature]* Date: 03/17/2022

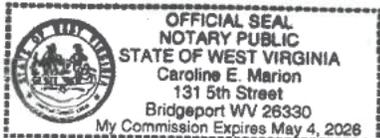
State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 17 day of March, 2022

My Commission expires May 4, 2026

AFFIX SEAL HERE



NOTARY PUBLIC

[Handwritten Signature]

Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0310 DNR2200000009

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

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

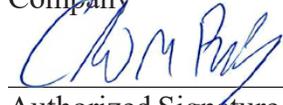
Addendum Numbers Received:
(Check the box next to each addendum received)

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

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

The Thrasher Group, Inc.

Company



Authorized Signature

03/17/2022

Date

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

FIRM OVERVIEW



- > Architecture
- > Utility Engineering
- > Site Engineering
- > Environmental
- > Survey
- > Transportation
- > Construction Services
- > Geospatial

Main Point of Contact:

Matt Breakey, AIA, LEED AP, NCARB
Project Manager
mbreakey@thethrashergroup.com
Cell: 304-641-3741
Office: 304-848-6494



300+

EMPLOYEES

34 Licensed Professional Engineers

10 Licensed Professional Surveyors

6 Licensed Professional Architects

2 Licensed Professional Landscape Architects



38

YEARS

of delivering successful projects



5

OFFICES
in WV:

Charleston
Scott Depot



2. APPROACH TO YOUR GOALS

A critical step in meeting your goals is first ensuring we understand them. Thrasher's team has thoroughly reviewed the Expression of Interest request and is confident in our ability to deliver the highest-quality solutions to your problems. We are capable of meeting each goal/objective you have outlined and feel strongly that you will be satisfied with the outcomes you receive.

We understand your goals for Elk River Rail Trail New Headquarters and Maintenance Building project and will handle them in the following manner:

Goal 2.1 | Program Review

The Thrasher Group can provide the West Virginia Division of Natural Resources will all of the services required. This will begin with a review of the program for the facility along with a review of existing site conditions. Communication with all stakeholders will be key to align project expectations with the budgetary, timeline, and physical constraints of the project.

Goal 2.2 | Meeting Objective and Budgets

With a full team of in-house experts, Thrasher will be able to provide all necessary architecture and engineering services to design the new Headquarters and Maintenance Building for the Elk River Rail Trail. As a well established West Virginia firm, we have a deep understanding of the local codes, laws, and applicable state regulations that will be necessary for this project. This will prove beneficial in sticking to outlined timelines and budgets, as Thrasher will be able to plan ahead to meet the regulations from the outset. As budget is such an important aspect of our work, Thrasher's cost estimating and budgeting information can be found in more detail in the coming pages.

Goal 2.3 | Construction Contract Administration

Our construction services team always plays a major role in the Thrasher full-service package. We have a Construction Administrator on staff - Bill Ratcliffe - who works in our Charleston office and will help oversee the work being done at the Elk River Rail Trail. Bill and the team have the competence you need to ensure your project is constructed correctly and functions as designed.

2. APPROACH TO YOUR GOALS

Thrasher will keep your project goals in mind throughout the process. We will address each in turn, working directly with the West Virginia Division of Natural Resources to meet your needs with the project approach outlined below. Thrasher will conduct design review meetings with your team at each phase of the process, making sure we are keeping with the overall intention of the project.

Our general steps for project management are as follows:

Step 1 - Site Visit

Your assembled team of engineers and architects will conduct a site visit. This group will evaluate the project conditions and identify and document potential problem areas. We will coordinate with your team and any identified key stakeholders to take all the facts into consideration during this process.

Step 2 - Conceptual Design and Report

Thrasher will prepare a conceptual design for the needed services at the Elk River Rail Trail Headquarters and Maintenance Building. Where applicable, we will also provide design alternatives for consideration. We will then prepare a written report of the conceptual designs and outline any issues.

Step 3 - Construction Documents

Our team will provide design solutions and construction documents to the appropriate personnel for the project. These plans will be carried forward to final design based upon the conceptual design report. Thrasher recognizes that you are requesting drawings and specifications at 35%, 65%, 95%, and 100% and will provide both drawings and cost estimates at those intervals. We will complete the final design documents based upon comments received and conclusions throughout the design review process. Our field evaluations and design approach will specifically address these issues in the construction documents.

Step 4 - Bid Process

We will assist the WVDNR and stakeholders in preparation of the bid documents and will attend pre-bid meetings and assist in issuance of addenda.

Step 5 - Construction Administration

The project team will review project submittals, attend project meetings, and provide inspection of the construction being completed. The project team will also provide final punch list inspection at project completion.

Step 6 - Project Close Out

Upon completion of the project, the Thrasher team will work with the General Contractor to assure that all closeout documents are provided and that the facility is fully complete and functional at turn over.

3. STAFF QUALIFICATIONS



CHAD RILEY, PE

Principal

Chad Riley, PE has served in a variety of capacities at Thrasher over the years. As a Project Executive, he currently oversees high-level work all across the company, but has a particular specialty in industrial, business, and multi-use developments across the Mid-Atlantic region. Chad has spent a large portion of his career focusing on this work and delivering strategically designed sites for a multitude of manufacturing and commercial clients.

Education

Bachelor of Science,
Civil Engineering
Fairmont State University

Registrations

Professional Engineer:

- > West Virginia
- > Maryland

Affiliations

- > 2019 Harrison County Chamber Chairman
- > Harrison County Economic Development Corporation Chairman
- > WV Economic Development Council Member
- > WV State Design Build Board
- > WV Nature Conservancy Member
- > WV Young Presidents' Organization Member
- > American Society of Highway Engineers (ASHE) Member

Certifications

- > WVDOH Certified Concrete Technician / Compaction Technician

Chad's passion for bringing economic growth to the state of West Virginia and the greater region has made major impacts on the success of his client's endeavors. Chad has been heavily involved in dozens of economic development projects throughout the state and continues to keep a pulse on the influx of industrial growth in West Virginia. Chad holds ultimate responsibility for client communication, engineering design, funding, and bidding/construction management for Thrasher's large-scale industrial projects. Chad remains highly involved with each of his clients, walking them through every stage of their project and helping them navigate through West Virginia's regulatory and permitting process.

Experience

**Boy Scouts of America
Rex W. Tillerson
Leadership Center**
Role: Principal
> Fayette County, WV

**Hatfield-McCoy Regional
Recreation Authority
Pocahontas Trail System
and Trailhead Facility**
Role: Principal
> Mercer County, WV

**Harrison County Commission
Rails to Trails**
Role: Project Manager
> Harrison County, WV

**City of Shinnston
City Park and Trails**
Role: Principal
> Harrison County, WV

**Town of Williamsport
Trailhead Along C&O Canal**
Role: Principal
> Washington County, MD

**Town of Grantsville
Pedestrian Bikeway**
Role: Principal
> Garrett County, MD

Garrett County Trail System
Role: Principal
> Garrett County, MD

**City of Bridgeport Convention
and Visitor's Bureau
New Facility**
Role: Principal
> Harrison County, WV

3. STAFF QUALIFICATIONS



MATT BREAKEY, AIA, NCARB, LEED AP

Project Manager

Matt Breakey, AIA, NCARB, LEED AP has over 20 years of experience providing architectural design and management services. He has worked with a wide range of clients, including those in the education section (K-12 and higher education), state, federal, correctional, commercial, and multi-unit residential and healthcare providers.

Matt spent part of his career providing oversight for major capital construction projects for two auxiliary entities at a higher education institute. This experience gave him a refined eye for the design aspect as well as project construction and feasibility. As a LEED Accredited Professional, Matt works with clients to find cost saving and sustainable features that will enhance their projects. His educational background combined with his well-executed projects make Matt a highly sought-after architect.

Education

Bachelor of Architecture,
Pennsylvania State University

Bachelor of Science,
Architecture
Pennsylvania State University

Registrations

Professional Architect:

- > West Virginia
- > Maryland
- > Pennsylvania
- > Michigan
- > Indiana
- > Kentucky
- > Ohio
- > Virginia

Affiliations

- > LEED Accredited Professional, US Green Building Council
- > American Institute of Architects - Board Member (AIA)
- > Past President of WV Chapter of American Institute of Architects
- > National Council of Architectural Registration Boards (NCARB)

Certifications

- > NCARB Certification

Trainings

- > WVHDF Fair Housing Act and ADA Training
- > Green Housing Training

Experience

Boy Scouts of America

JW and Hazel Ruby

Welcome Center

Role: Project Architect

- > Fayette County, WV

Boy Scouts of America

Rex W. Tillerson

Leadership Center

Role: Project Manager

- > Fayette County, WV

City of White Sulphur Springs

Maintenance Facility

Role: Project Architect

- > Greenbrier County, WV

WVU Jackson's Mill

Yurt Restroom/Shower Building

Role: Project Manager

- > Lewis County, WV

Doddridge County Commission

New Administrative Annex

Role: Project Manager

- > Doddridge County, WV

Jefferson County Convention

and Visitor's Bureau

Addition and Renovations

Role: Lead Architect

- > Jefferson County, WV

Dominion Resources

New Headquarter Facility

Role: Lead Architect

- > Harrison County, WV

WVDEP New Office Facility,

Wolf Creek Mixed-use

Development

Role: Project Architect

- > Fayette County, WV

3. STAFF QUALIFICATIONS



ROB MILNE, PE

Civil Engineer

Robert Milne, PE has over 30 years of experience working with both public and private clientele throughout the Mid-Atlantic region to develop millions of dollars' worth of commercial, industrial, residential, and mixed-use sites. Rob's in-depth understanding of site layout, design, permitting, and funding have enabled him to complete several complex projects that have boosted economic development and delivered safe, sustainable building sites.

In addition to his engineering expertise, Rob serves as an experienced Senior Project Manager for Thrasher. His years of hands-on experience and in-depth knowledge is an asset for his clients. Rob uses this knowledge to oversee every aspect of his projects, including design standards, staff assignments, project schedules, and client communication. He takes the time to understand the needs of each client and finds specific solutions to their problems and provide a high-quality experience.

Education

Master of Science,
Civil Engineering
West Virginia University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Pennsylvania
- > Virginia
- > Maryland

Affiliations

- > Leadership Monongalia County, WV
- > Foundations of Leadership/ National Leadership Institute

Certifications

- > ODOT Non-complex Roadway Design prequalification
- > ODOT Complex Roadway Design prequalification
- > ODOT Bridge Design Level 1.1/1.2 prequalification

Trainings

- > USACE-Access Control Point Design Training Course

Experience

WV Division of Natural Resources

Elk River Boating Access

Role: Project Manager

- > Kanawha County, WV

WV Division of Natural Resources

Palatine Park Boat Ramp Design

Role: Project Manager

- > Marion County, WV

City of Morgantown

Hazel Ruby McQuain

Park Improvements

Role: Project Engineer

- > Monongalia County, WV

Boy Scouts of America

JW and Hazel Ruby McQuain

Welcome Center

Role: Project Engineer

- > Fayette County, WV

Boy Scouts of America

Rex W. Tillerson

Leadership Center

Role: Project Engineer

- > Fayette County, WV

City of Morgantown

8th Street Trailhead Project

Role: Project Engineer

- > Monongalia County, WV

Rockwool

Manufacturing Facility

Role: Project Manager

- > Jefferson County, WV

Canal Place ADA, Pedestrian, and Bikeway Improvements

Role: QA/QC

- > Allegany County, MD

3. STAFF QUALIFICATIONS



KENTON BLACKWOOD, Assoc. AIA, LEED AP

Project Designer

Kenton Blackwood has 35 years of experience in the planning, design, bidding and construction of architectural projects throughout the State of West Virginia, and in the past decade he has designed and managed over \$85 million of construction. Kenton is well-versed in site evaluation and design, building program evaluation, planning and design, construction document development, bidding and construction administration, on-site construction observation, and is very knowledgeable in Fire/Life-Safety Code requirements and ADA/Accessibility Design Standards. He has extensive experience with WVSBA funded projects and is familiar with the agency's Policy and Procedures and Quality/Performance Standards.

Kenton has an unsurpassed understanding of technological architectural media with his knowledge of vector-based 3D modeling and CAD applications. His proficiency with virtual-reality modeling allows Thrasher to take a client around and through a design, study different forms, lighting, color schemes and finishes to make revisions before the project begins.

Education

West Virginia University,
Engineering Curriculum

Fairmont State University,
Architecture Curriculum

Affiliations

- > Associate Member of
American Institute of
Architects

Certifications

- > LEED Accredited Professional

Experience

**Boy Scouts of America
JW and Hazel Ruby
Welcome Center**
Role: Project Designer
> Fayette County, WV

**Boy Scouts of America
Rex W. Tillerson
Leadership Center**
Role: Project Designer
> Fayette County, WV

**Boy Scouts of America
Yamagata Hall and Lodge**
Role: Project Designer
> Fayette County, WV

**West Virginia Visitor Center
Conceptual Plan**
Role: Project Designer
> Cabell County, WV

**Greater Bridgeport
Convention & Visitors Bureau**
Role: Project Manager
> Harrison County, WV

**Prickett's Fort State Park
Visitor Center
New Construction**
Role: Project Designer
> Marion County, WV

**4H/Harrison County
Recreational New Community
Center Construction**
Role: Project Designer
> Harrison County, WV

**City of Point Pleasant
River Museum**
Role: Senior Designer
> Mason County, WV

3. STAFF QUALIFICATIONS



SAM RICH, PLA

Landscape Architect

Samuel Rich, PLA is a Master Planner at The Thrasher Group. He leads the firm's Land Development Market, ensuring our clients receive the highest quality product possible. In addition to his management role, Sam oversees the design process for a variety of land development and planning projects in the recreational, commercial, residential, municipal, and industrial sectors. Sam and his team work with clients to take projects from the development stages all the way through construction, providing site evaluation, master planning, estimating, project marketing, and final design services. Visualizing and evaluating design alternatives is one of his specialties, enabling Sam to effectively communicate with clients what their project will look like and how it will function long before the finished product is constructed.

In addition to master planning for specific sites, Sam has worked on several projects that have a more regional or community-based planning focus. He has a particular passion for community improvement and economic development projects and has experience with multiple regional recreational trail and water access planning initiatives. In addition to these regional projects, Sam has managed several projects with a focus on Downtown or City-wide beautification efforts in communities of various sizes.

Education

Bachelor of Science,
Landscape Architecture
West Virginia University

Registrations

Professional Landscape
Architect:

- > West Virginia
- > Virginia

Affiliations

- > American Society of
Landscape Architects

Experience

**Hatfield-McCoy Regional
Recreation Authority
Trails Welcome Center**
Role: Landscape Architect
> Mercer County, WV

**Boy Scouts of America
New River Trek**
Role: Landscape Architect
> Fayette County, WV

**Boy Scouts of America
JW and Hazel Ruby
Welcome Center**
Role: Project Manager
> Fayette County, WV

**Boy Scouts of America
JW Marriott JR
Leadership Center**
Role: Landscape Architect
> Fayette County, WV

**Hatfield-McCoy Regional
Recreation Authority Ashland
Resort Master Plan**
Role: Project Manager
> McDowell County, WV

**West Virginia Visitor Center
Conceptual Plan and
Feasibility Study**
Role: Project Manager
> Cabell County, WV

3. STAFF QUALIFICATIONS



JIM DECKER, MBA

Estimator & QA/QC

Jim Decker, MBA brings nearly 30 years of experience in construction estimating and management for the private and public sectors. He provides services with inspections, site monitoring, cost control, schedules, contract administration, payment processing, shop and coordination drawings, change orders and project reports.

His role as a construction estimator allows for clients to be able to recognize a true price when it comes to their projects. Jim is also a Licensed General Contractor in the State of West Virginia. As a General Contractor he is able to oversee the day-to-day functions of the construction site.

Previously, Jim was the facilities director at a local educational institution for 10 years. Jim relates well with his clients because he approaches the situation from both a consultant and client perspective.

Education

Master of Business Administration, Project Management Emphasis
Fairmont State University

Bachelor of Science, Civil Engineering
Fairmont State University

Associates Degree, Mechanical Engineering
Fairmont State University

Registrations

General Contractor:
> West Virginia

Affiliations

- > Leadership Marion County
- > Leadership Fairmont State University
- > Eagle Scout, B.S.A, 1981
- > Cub Scouts & Boy Scouts of America
- > City of Fairmont, BOCA Board of Appeals
- > Water Commissioner
- > St. Paul United Methodist Church—Pastor Parish Relations, Building Committee, Trustees

Experience

Hatfield-McCoy Recreation

Authority Ivy Branch Trail

Role: Construction Estimator
> Lincoln County, WV

Boy Scouts of America

Rex W. Tillerson

Leadership Center

Role: Construction Estimator
> Fayette County, WV

Boy Scouts of America Steve A.

Antoline Conservation Center

Role: Construction Estimator
> Fayette County, WV

Boy Scouts of America John

Tickle Training Center

Role: Construction Estimator
> Fayette County, WV

Boy Scouts of America

Bunkhouse and Dining Hall

Role: Construction Estimator
> Fayette County, WV

Doddridge County Board of Education Maintenance Building

Role: Construction Estimator
> Doddridge County, WV

Upshur County Development

Authority Innovation Center

Role: Construction Estimator
> Upshur County, WV

Dominion Energy Mount Storm Office Building

Role: Construction Estimator
> Grant County, WV

Town of Romney Public Works Building New Facility

Role: Construction Estimator
> Hampshire County, WV

Baker Heights New Fire Station

Role: Construction Estimator
> Berkeley County, WV

3. STAFF QUALIFICATIONS



KEN SMITH, PE

Mechanical Engineer

Ken Smith, PE has become a vital member of the Thrasher team with his impressive experience in mechanical engineering, project management, and construction administration. His skills in HVAC system design (heating, ventilation, and air conditioning), bidding and estimating, and energy efficiency have led to the success of numerous projects.

Ken utilizes notable leadership and communication skills as a Project Manager by coordinating with clients and engineers regarding project requirements. Additionally, he has extensive proficiency in designing HVAC systems for offices, schools, multifamily residential buildings, and other structures including water and wastewater facilities.

Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio
- > Kentucky

Affiliations

- > American Society of Heating, Refrigerating, and Air Conditioning Engineers Member

Experience

**Hatfield-McCoy Regional Recreation Authority
Ashland Resort**

Role: Mechanical Engineer
> McDowell County, WV

Doddridge County Maintenance Building

Role: Mechanical Engineer
> Doddridge County, WV

Carl D Perkins Apartments Renovation

Role: Mechanical Engineer
> Pike County, KY

Dominion Energy Mount Storm New Facility

Role: Mechanical Engineer
> Grant County, WV

Pocahontas Memorial Hospital Doctors' Office

Role: Mechanical Engineer
> Pocahontas County, WV

Calhoun-Gilmer Career Center Restroom Renovations

Role: Mechanical Engineer
> Calhoun County, WV

City of Charleston Police Station Renovation

Role: Mechanical Engineer
> Kanawha County, WV

City of Charleston Slack Plaza

Role: Mechanical Engineer
> Kanawha County, WV

3. STAFF QUALIFICATIONS



BRIAN HENSLEY

Electrical Designer

Brian Hensley is an Electrical Designer serving Thrasher in a number of capacities. He works primarily with the Buildings and Facilities and Water Resources Markets, providing expertise in electrical work of all types. He has served as an MEP specialist for both public and private clients, working on everything from educational facilities to utility extensions and much more. Prior to joining Thrasher, Brian supervised projects such as installation and maintenance of complex mining equipment and power lines, substation maintenance, and underground communications. His understanding of electrical design, paired with his ability to find innovative solutions, makes Brian a valued member of the Thrasher team.

Education

Bachelor of Science,
Electrical Engineering
West Virginia University
Institute of Technology

Certifications

- > Underground Coal Miner
██████████
- > Surface Coal Miner ██████████
- > Certified Electrician Low/
Medium/High ██████████
- > Surface Mine Foreman
██████████
- > Class ██████████
- > Certified Unlimited Instructor
EC,EE,IS,IU
- > AEP Class C Substation

Trainings

- > P&H Mining Equipment
██████████ Mechanical and
Electrical
- > Rockwell Automation
██████████ Maintenance and
Troubleshooting
- > Rockwell Automation
██████████ Maintenance and
Troubleshooting

Experience

**Boy Scouts of America
Steve A. Antoline**

Conservation Center
Role: Electrical Designer
> Fayette County, WV

**Boy Scouts of America
John Tickle Training Center**

Role: Electrical Designer
> Fayette County, WV

**Hatfield-McCoy Regional
Recreation Authority
Ashland Resort**

Role: Electrical Designer
> McDowell County, WV

**Chapmanville Towers
Senior Housing
Electrical Renovations**

Role: Electrical Designer
> Logan County, WV

**Carl D Perkins
Apartments Renovations**

Role: Electrical Designer
> Pike County, KY

**Calhoun-Gilmer Career Center
Restroom Renovations**

Role: Electrical Designer
> Calhoun County, WV

**Parkland Place Senior Housing
Electrical Renovations**

Role: Electrical Designer
> Wood County, WV

**Dominion Energy
Mount Storm Office Building**

Role: Electrical Designer
> Grant County, WV

City of Charleston Slack Plaza

Role: Electrical Designer
> Kanawha County, WV

**City of Charleston
Police Station Renovations**

Role: Electrical Designer
> Kanawha County, WV

Baker Heights Fire Station

Role: Electrical Designer
> Berkeley County, WV

3. STAFF QUALIFICATIONS



DUANE BOYLE

Plumbing Designer

Duane Boyle, Plumbing Designer, brings Thrasher value in several capacities. He has provided plumbing designs for various project types over the years, such as tenant build-outs, schools, assisted living and memory care facilities, and warehouses. Several of Duane’s daily duties consist of performing plumbing calculations, fixture selections, attending project development meetings, checking shop drawings, and coordinating with all other disciplines. Most of his work involves providing these design services from the beginning to end of a project using the most current versions of AutoCAD and Revit. Duane is capable of providing field verified documents of all existing plumbing systems on site and hand drawn existing systems for use in the design and development of new construction documents. He also performs field inspections and generates field reports of observations.

Education

Associate Degree,
Mechanical Design
Ashland Regional
Technology Center

Certifications

- > Mechanical Drafting,
AutoCAD [REDACTED] (Ashland
Regional Technology Center)

Affiliations

- > Associated Builders and
Contractors, Inc.

Experience

**Boy Scouts of America
Steve A. Antoline
Conservation Center**
Role: Plumbing Designer
> Fayette County, WV

City of Charleston Slack Plaza
Role: Plumbing Designer
> Kanawha County, WV

**Calhoun-Gilmer Career and
Technical Center
Restroom Renovations**
Role: Plumbing Designer
> Calhoun County, WV

**Carl D Perkins
Apartments Renovations**
Role: Plumbing Designer
> Pike County, KY

**The Landing at Meadow
View Apartments**
Role: Plumbing Designer
> Harrison County, WV

**Dominion Energy Mount Storm
New Office Building**
Role: Plumbing Designer
> Grant County, WV

**City of Charleston
Police Station Renovations**
Role: Plumbing Designer
> Kanawha County, WV

**Pocahontas Memorial Hospital
Rural Health Addition**
Role: Plumbing Designer
> Pocahontas County, WV

3. STAFF QUALIFICATIONS



BILL RATCLIFFE, REFP

Construction Administration

Bill Ratcliffe, REFP has over two decades of experience involved in the completion of successful construction projects. He has spent the last 15 years of his career working as a construction contract administrator on public and private projects, ensuring the successful completion of projects. Bill also spent 14 years of his career working for the West Virginia School Building Authority (SBA) where he worked with architects during the planning, design, & construction phases on hundreds of projects.

Bill's strong relationships with countless regulatory and building entities combined with his hands-on experience make him an excellent project manager and an invaluable member of the Thrasher team.

Education

Regents Degree,
West Virginia State University

Registrations

Recognized Educational
Facility Planner (REFP)

Experience

Boy Scouts of America

JW and Hazel Ruby

Welcome Center

Role: Construction Administrator

> Fayette County, WV

Hatfield-McCoy Regional

Recreational Authority

Welcome Center

Role: Construction Administrator

> Mercer County, W

City of Charleston

Police Station Renovations

Role: Construction Administrator

> Kanawha County, WV

Jefferson County Convention

and Visitors Bureau

Addition and Renovations

Role: Construction Administrator

> Jefferson County, WV

Doddridge County High School

New Field House and Board of

Education Office

Role: Construction Administrator

> Doddridge County, WV

McDowell County Board of

Education Offices and Fieldhouse

Role: Construction Administrator

> McDowell County, WV

Pleasants County Board of

Education Offices Improvements

Role: Construction Administrator

> Pleasants County, WV

City of Beckley Fire Station #3

Role: Construction Administrator

> Raleigh County, WV

Baker Heights Fire Station

Role: Construction Administrator

> Berkeley County, WV

City of Beckley

New Police Station

Role: Construction Administrator

> Raleigh County, WV

City of Charleston

Police Station Renovations

Role: Construction Administrator

> Kanawha County, WV

3. REFERENCES



Boy Scouts of America

**Mr. Rob Ridgeway, Facilities
and Development Director**

2550 Jack Furst Drive | Glen Jean, WV 25846
304-646-2312

Hatfield-McCoy Regional Recreation Authority

Mr. Jeffrey Lusk, Executive Director

State Route 16 | Pineville, WV 24874
304-692-6782

City of Morgantown

Ms. Emily Muzzarelli, Assistant City Manager

185 Garrett Street | Morgantown, WV 26505
304-284-7406

3. STAFF CERTIFICATIONS

Name:	CHAD M. RILEY
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 06/27/2002
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 30.00
	Carryover Hours for Next Renewal: 0.00
	Last Renewal or Reinstatement Date*: 12/27/2020
WV Engineer Intern:	EI Certification Number: [REDACTED]
	EI Issue Date: 05/20/1999
Primary Address of Record:	600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
Primary Employer of Record:	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
	* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

3. STAFF CERTIFICATIONS

Attached is your wallet card, evidence of your current registration to practice architecture in West Virginia. You will receive a renewal notice prior to the expiration date indicated.

Certificate No: [REDACTED]

STATE OF WEST VIRGINIA BOARD OF ARCHITECTS

This Certifies that:

MATTHEW BREAKKEY

is duly Registered and entitled to
practice as a
REGISTERED ARCHITECT
until and including 06/30/2022

Edward W. Prober

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Attest

Ad. R. K.

President

3. STAFF CERTIFICATIONS

Name:	ROBERT R. MILNE
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 07/28/1999
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 32.00
	Carryover Hours for Next Renewal: 2.00
	Last Renewal or Reinstatement Date*: 05/06/2021
WV Engineer Intern:	EI Certification Number: [REDACTED]
	EI Issue Date: 07/01/1998
Primary Address of Record:	79 PRICE HILL ROAD MORGANTOWN, WV 26501
Primary Employer of Record:	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
	* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

3. STAFF CERTIFICATIONS

WEST VIRGINIA STATE BOARD OF LANDSCAPE ARCHITECTS

This is to certify that

Samuel A. Rich

having given satisfactory evidence of good moral character and being possessed of the necessary skill, training and experience is hereby granted the right and privilege to practice and use the title of

**LANDSCAPE ARCHITECT
in the State of West Virginia**



Number



In witness whereof we set our hand and seal
this 1st day of NOVEMBER 2018.

Michael R. Bagley, PLA
Chairman

[Signature] PLA
Secretary

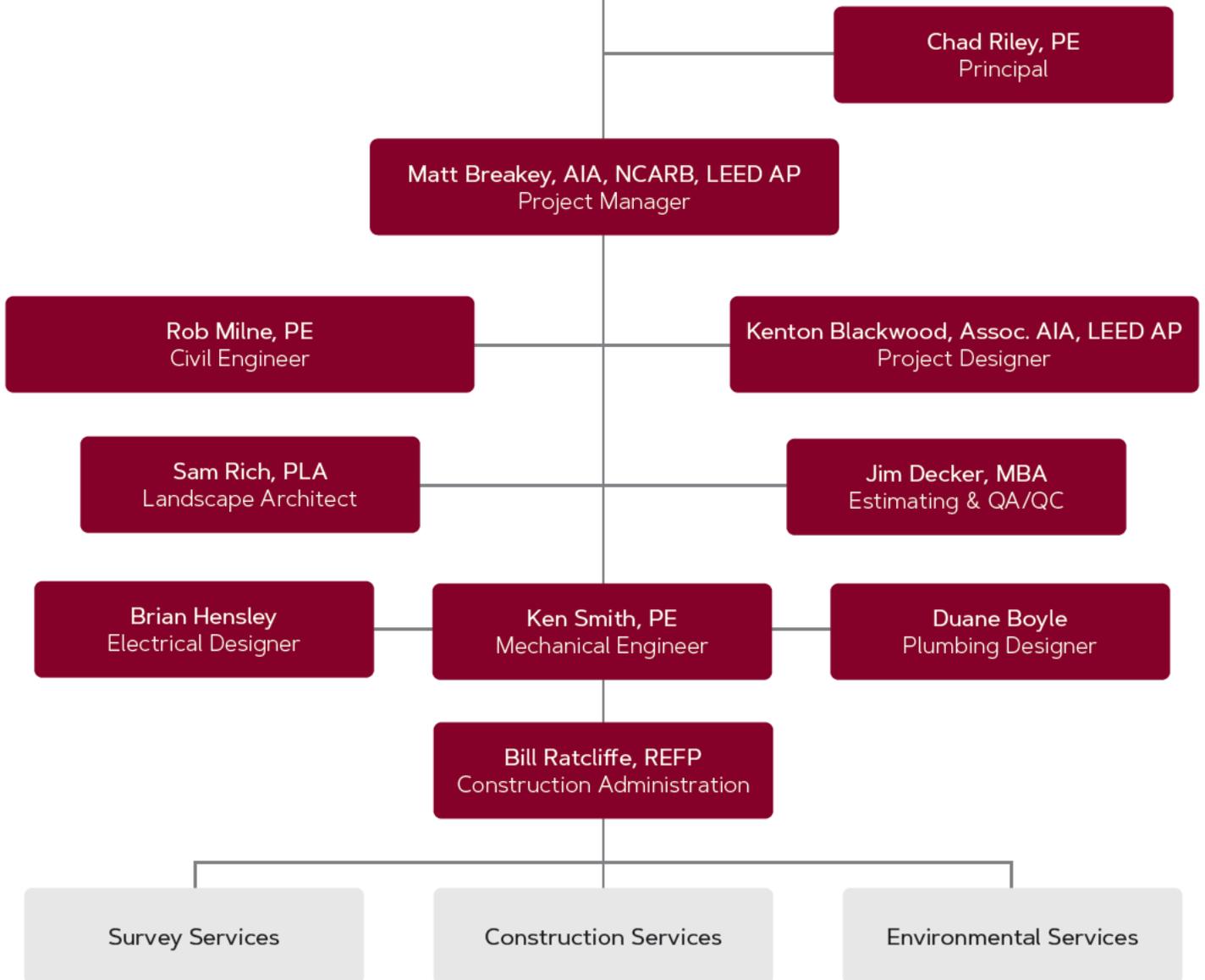
3. STAFF CERTIFICATIONS

Licensure Verification

Search: Details

Name:	KENNETH E. SMITH
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 07/16/1992
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 52.50
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/17/2020
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	2444 KIRBY ROAD MILTON, WV 25541
Primary Employer of Record:	THE THRASHER GROUP, INC. 300 ASSOCIATION DRIVE CHARLESTON, WV 25311
	* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.

3. STAFFING PLAN



3. PAST PROJECTS

BOY SCOUTS OF AMERICA JW & Hazel Ruby Welcome Center

Client Contact:
Mr. Rob Ridgeway, Facilities and
Development Director
2550 Jack Furst Drive | Glen Jean, WV 25846
304-646-2312

The Thrasher Group, Inc. designed the Boy Scouts of America, J.W. & Hazel Ruby West Virginia Welcome Center on the Summit Bechtel Reserve. The 10,000+ SF facility, houses restroom facilities, a gift shop, a large meeting space, and open exhibition space for showcasing the work and legacy of the Boy Scouts. In addition to the main building, Thrasher designed additional restroom and parking facilities, and developing scenic trails. Thrasher was able to complete the project and site in time to host the 2017 Boy Scouts World Jamboree.



3. PAST PROJECTS



HATFIELD-MCCOY REGIONAL RECREATION AUTHORITY

New Trailhead, Parking, and Welcome Center

Client Contact:

Mr. Jeffrey Lusk, Executive Director
State Route 16 | Pineville, WV 24874
304-692-6782



Thrasher serves as the on-call engineer for Hatfield McCoy Regional Recreation Authority. A specific project we've partnered with Hatfield McCoy on recently is the construction of their new trailhead facility located in Coaldale, West Virginia. The Coaldale Trailhead provides access to 50 miles of trail on the Pocahontas Trail System with connecting access to an additional 120 miles of trail on the Pinnacle Creek and Indian Ridge systems. The new facility provides ample parking for truck and trailer combinations as well as a Welcome Center that sells trail permits, merchandise, and has restroom facilities for trail users. Thrasher provides survey, design, permitting, and construction services for this project.



3. PAST PROJECTS



PIKE COUNTY FISCAL COURT ATV Trails Master Plan

Client Contact:

Ms. Sharon Hall, Grant Administrator
146 Main Street | Pikeville, KY 41501
606-432-6247

Thrasher was retained by the Pike County Fiscal Court to prepare a trails master plan. Pike County — the largest county east of the Mississippi River — is the economic and outdoor recreation center of eastern Kentucky and offers diverse outdoor adventure, cultural, historic, and musical attractions. Establishing a best-in-class trail system adds new visitor choices and will attract both local and out-of-state visitors. The Pike County system is named “Hillbilly Trails,” which is a tie-in to the annual Hillbilly Days event, the largest annual gathering in the region.

Hillbilly Trails will tie in with other trail systems, such as Hatfield-McCoy — also a Thrasher project — and Spearhead. Thrasher designated a central trail corridor that is more than 35 miles in length. Spur trails off the main spine will add hundreds of additional miles, with trailhead locations recommended approximately every 20 miles. Most trailheads are adjacent to communities such as Phelps, Elkhorn City, and Mouthcard.

The Marshall University Center and Business and Economic Research (CBER) prepared an estimate of the economic impact of the trail system. Hillbilly Trails has the potential to bring long-term beneficial economic impact to Pike County through direct, indirect, and induced impacts. Trail construction impacts were estimated to be \$25.2 million in onetime impacts and contribute approximately 128 jobs in Pike County. Annual maintenance and operating expenditures would create almost five full time jobs in Pike County. Outside visitor spending would generate an additional six jobs in Pike County if 10,000 annual permits are sold.

3. PAST PROJECTS



SUMMIT BECHTEL RESERVE Rex W. Tillerson Leadership Center

Client Contact:

Mr. Rob Ridgeway, Facilities and Development Director
Boy Scouts of America/Summit Bechtel Reserve
2550 Jack Furst Drive | Glen Jean, WV 25846
304-465-2800



The Rex W. Tillerson Leadership Center is part of the Summit Bechtel Reserve in Glen Jean, West Virginia. This Center provides six educational classrooms and a Leadership Hall. This space was designed to service as a multi-functional hall that can serve a variety of gathering functions, such as lectures, banquet, and group educational activities.



The Thrasher Group provided architectural design for this project with a particular effort made to use sustainable and healthy materials at every opportunity. Furnishings and materials were chosen to create a healthy, active, and engaging learning environment in the classroom areas and an elegant, upscale space in the lecture hall. The building form features large expanses of glass in the classrooms to provide views of the woods, creating a connection between the interior and exterior environments. Additionally, a rain garden was created to help manage stormwater runoff on the project site.

3. PAST PROJECTS



CITY OF MORGANTOWN

Hazel Ruby McQuain Riverfront Park Improvements

Client Contact:

Ms. Emily Muzzarelli, Assistant City Manager
185 Garrett Street | Morgantown, WV 26505
304-284-7406

The Hazel Ruby McQuain Park and Amphitheater is one of Morgantown's premier outdoor recreation facilities. The park is home to annual local festivals, community movie and concert events, and several organized run and walk events during all seasons.

The improvements project consists of: a new amphitheater canopy, new restroom building, adaptive reuse of the historic depot, renovation of the existing restroom building to a new green room and police department storage facility, renovations to the amphitheater seating area, redesign and renovation of the park pedestrian areas and landscape, bike/walking path improvements, new ADA kayak launch, and renovations to the Walnut Street Landing parking and pedestrian area.

The project upgrades the quality and capacity of the amphitheater facility as a performance venue. The new canopy provides covered seating and sun shading. The new restroom building provides modern facilities capable of serving the park during large events and during daily operations. Renovations to the historic depot adapt the building for use as a multi-purpose facility consisting of: a community space with kitchen, operations and will call office, and a police sub-station. The overall site, including the Walnut Street Landing area have been redesigned and upgraded to better support the recreational and performance activities. The site and landscape upgrades improve ADA accessibility and overall user friendliness.

3.1.1. COMMUNICATION APPROACH

Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the WVDNR immediately upon notification of award and will maintain consistent lines of communication for the duration of the project. This will ensure all parties involved - owner, contractor, and engineer - will always be apprised of the project happenings.

The two main components of the project approach will be design and construction. Each will have its own plan for communication.

Communication During Design

Prior to the initiation of design services, Thrasher's Project Manager, Matt Breakey, will discuss preferred methods of communication with the WVDNR's point of contact. Updates during the design phase can occur in numerous ways:

- » Weekly status updates via email
- » Weekly conference calls
- » Monthly progress meetings

No matter the methods preferred, our project teams are well versed in keeping our clients abreast of project status. We can customize your project's communication plans to best fit your teams' wants and needs.

Communication During Construction

Before construction begins, Matt will again meet with the WVDNR team to determine preferred communication tools for this phase of the project. Open, consistent communication will be paramount to keep the project on-time and within budget.

Additionally, Thrasher will conduct monthly progress meetings with the contractor, the WVDNR, and key project stakeholders throughout the duration of the project. Meeting minutes will be distributed to all attendees and any other agents identified by the WVDNR. Action items will be documented within the meeting minutes.

Throughout construction, Thrasher will have people on-site for project representation as well as material testing. Anytime a Thrasher employee is on site during construction, a field report will be prepared. Field reports will be reviewed by the engineering team and distributed to the WVDNR's construction representative on a weekly basis.

3.1.2. COST CONTROL



Cost control

Thrasher follows four main cost control principles:

Thorough construction documents - Starting off with detailed construction documents helps the entire project run more smoothly. By laying an accurate, realistic picture at the beginning of the process, we are able to complete your project more efficiently and with fewer change orders.

In-depth review process - The Thrasher team participates in an in-depth review process to ensure there is a thorough understanding of your project. Our construction administration team visits your site in person so we know exactly what is needed for the space.

Understanding of what things cost - Thrasher has a knowledgeable construction administration team that understands what it truly costs to make things happen. Rather than relying on general industry standards, our Construction Estimator, Jim Decker, can tell you what something will cost in actuality. Jim, who has a contracting license, knows how to navigate both sides of a bid process and can deliver an accurate look at your project costs up front.

Respect for your wallet - We respect your business needs and work to ensure the lowest-cost options we can find. We also keep you updated of budget throughout the process: An initial construction cost will be calculated to reflect your budget, and construction cost estimates will be delivered with the drawings at the end of Schematic Design, Design Development, and Construction Documentation. Adjustments to size and/or quality will be made, as necessary, during each design phase to maintain your budget.



Budgeting

Construction estimating and budgeting is one of the most important parts of what Thrasher can provide you. Without accurate budgets, there is no tool to guide the design process and issues will be inevitable. By including cost estimating as a part of the project scope from day one, we are able to avoid issues before they arise and keep your project within a reasonable cost.

And our estimates go beyond the typical system - rather than simply providing cost per foot or lump sum price, Thrasher will provide contractor-grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project and factor this in accordingly. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.

3.1.3. MEETING YOUR TIMELINES



Scheduling

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Because of this, our team puts an emphasis on ensuring project timetables are met and communication is upheld throughout the process.

To accomplish these goals, Thrasher utilizes scheduling to track every stage of a project - from design and bidding through construction completion. We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting, again focusing on the communication component of scheduling. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is always our priority and ensures occupancy and owner supplied equipment are scheduled accordingly. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.



3.1.4. COMPETENT EXPERIENCE

Thrasher has an entire spread of in-house capabilities in every technical discipline required for this project. We cover the project completely without the need for additional sub-consultants and have a team of experts who are eager to begin work on your project immediately upon selection.

As a full-service engineering firm, Thrasher has employees from a diverse set of backgrounds and specialties. Our range of skills will allow us to guide you through each step of this project seamlessly. We partner with our clients to help with, and facilitate solutions to, any arising challenges. A sampling of the services we offer is below:



A photograph of two construction workers from behind, wearing white hard hats and high-visibility green safety vests. They are looking at a document held by the worker on the right. The background is a blurred construction site. A white geometric wireframe pattern is overlaid on the image. The word "THRASHER" is written in a white, stylized, blocky font across the center.

THRASHER