

THRASHER



WVDNR CACAPON RESORT STATE PARK

New Campground and Renovations to Lake Bathhouse and Golf Course Club House

Submitted by:
The Thrasher Group, Inc.
June 26, 2019



COMPLEX PROJECTS
REQUIRE RESOLVE
THRASHER'S GOT IT

June 26, 2019

Attn: Mr. Guy Nisbet
2019 Washington Street East
Charleston, WV 25305

RE: WVDNR Cacapon Resort State Park New Campground and Renovations to Lake Bathhouse and Golf Course Club House

Dear Mr. Nisbet and Selection Committee Members:

The State Park system is one of the premier opportunities for people to experience the beauty of West Virginia. Cacapon Resort State Park is in a unique position with its proximity to the greater Washington, D.C. metropolitan area - Cacapon is truly accessible to a wide population of visitors from West Virginia, Maryland, Pennsylvania and beyond. To continue serving that population to the highest degree, the Park is in need of a new campground and renovations to its lake bathhouse and golf course club house. The Thrasher Group has the knowledge and experience to provide those services.

Thrasher offers a multitude of services in-house that will make your project a success. Our Site Division will lead the effort, bringing an engineering focus to the forefront. This team will be supported by our Architecture, Environmental, and Utilities Divisions, who will provide expertise in each of the areas you'll need to see these projects to fruition. We can handle everything from construction estimation to environmental permitting and everything in between.

Our expertise, however, is nothing without our service. Thrasher brings a hands-on approach that will allow us to become your partner through the project. We will be on-site to see your challenges and opportunities first-hand and will maintain constant communication to keep you up to speed with the progress being made.

We appreciate your time and consideration in this process. We look forward to further discussing your project and how Thrasher's team can serve as your partner.

Sincerely,

Robert Milne, PE
Project Manager

**ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:**

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

Company



Authorized Signature

6/25/19

Date

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

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)
 Robert Milne, PE, Principal

 (Printed Name and Title)
 600 White Oaks Blvd. | Bridgeport, WV 26330


 (Address)
 304-624-4108 | 304-624-7831

 (Phone Number) / (Fax Number)
 rmilne@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.

 The Thrasher Group
 (Company)


 (Authorized Signature) (Representative Name, Title)

 Robert Milne, PE, Principal
 (Printed Name and Title of Authorized Representative)

 June 20, 2019
 (Date)

 304-624-4108 | 304-624-7831
 (Phone Number) (Fax Number)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: The Thrasher Group Address: 600 White Oaks Blvd.
Bridgeport, WV 26330

Name of Authorized Agent: Robert Milne, PE Address:

Contract Number: DNR 1900000012 Contract Description: EOI - Cacapon Resort State P

Governmental agency awarding contract: West Virginia Division of Natural Resources

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.

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.

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: [Handwritten Signature] Date Signed: June 20, 2019

Notary Verification

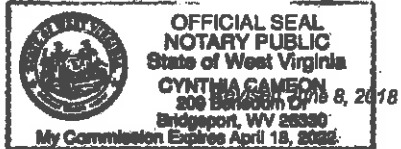
State of WV, County of Harrison

I, [Handwritten Name], 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 20th day of June, 2019.

[Handwritten Signature] 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(l), 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 owes 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

Authorized Signature: [Signature] Date: June 20, 2019

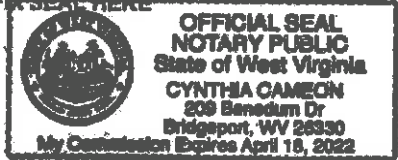
State of WV

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 20th day of June, 2019.

My Commission expires April 18, 2022.

AFFIX SEAL HERE



NOTARY PUBLIC [Signature]

Purchasing Affidavit (Revised 01/19/2018)





MAIN POINT OF CONTACT

Robert Milne, PE
Project Manager
rmilne@thethrashergroup.com
Cell: 304-326-6141
Office: 304-677-1209



9

OFFICES
in six states:
West Virginia
Virginia
Pennsylvania
Ohio
Maryland
Kentucky



580+

EMPLOYEES

- 35** Licensed Professional Engineers
- 20** Licensed Professional Surveyors
- 6** Licensed Professional Architects
- 4** Licensed Professional Landscape Architects



35

YEARS
of delivering
successful
projects



Diverse services that grow communities.

THRASHER'S GOT IT.



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 the Cacapon Resort State Park project and will handle them in the following manner:

▶ **GOAL/OBJECTIVE 1**

The Thrasher Group will review existing plans and evaluate the project site. We will work to determine a plan that can be implemented realistically and will meet all objectives in a manner that will minimize disruption.

▶ **GOAL/OBJECTIVE 2**

We are confident that Thrasher can provide all of the necessary services to create a new campground and renovate the existing lake bathhouse and golf course club house at Cacapon Resort State Park. We will keep all designs consistent with the Division of Natural Resources’ needs and objectives while adhering to all applicable codes and laws, as well as the project budget.

▶ **GOAL/OBJECTIVE 3**

Construction Administration always plays a major role in the Thrasher full-services package. This is a piece that we feel is important to offer for every project, and we consistently bid more projects than any other firm in the state. Thrasher has the competent professionals your team needs to ensure your project is constructed correctly and functions as designed.

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 and meeting the West Virginia Division of Natural Resources' needs. As the design progresses, our construction estimator will provide a construction cost estimates at each phase to ensure the project is staying within budget.

General steps as outlined in the EOI for project management is as follows:

Step 1 - Field Evaluation

We will assemble a design team to conduct a field evaluation of the project conditions. Problem areas will be identified and incorporated into an existing condition map. Photos will be taken to clearly define other potential problem areas. We will coordinate with key stakeholders and take additional facts into consideration to assist in identifying problem areas. Thrasher will also take into account the future plans for the park and additional amenities the park may be incorporating in the future.

Step 2 - Creation of Base Mapping

- > If current mapping is not available, Thrasher will perform a survey of the site's new campground and renovation areas.

Step 3 - Conceptual Design and Report

- > Following completion of the base mapping, Thrasher will begin preparation of the conceptual designs of the projects identified during the kick-off meeting.
- > Thrasher will prepare a conceptual design and, where applicable, provide design alternatives for consideration by the DNR.
- > Thrasher will prepare a written report of the conceptual designs, identifying design issues.
- > Thrasher will also prepare a detailed construction cost estimates based upon the conceptual designs.

Step 4 – Construction Documents

Our team will provide design solutions and construction documents to the appropriate personnel for the project identified to be carried forward to final design based upon the conceptual design report. Thrasher proposes to prepare two submissions - preliminary design and final design. The preliminary design submission will be used to review the proposed project with the DNR. After review and comment, we will complete the final design documents based upon comments received and conclusions reached at the preliminary design review. Our field evaluations and design approach will specifically address these issues in the construction documents.

Step 5 – Cost Estimates

Our project team will provide itemized cost estimates at the following stages: conceptual design, preliminary design and final design.

Step 6 – Bid Process

We will assist the DNR in preparation of the bid documents, attendance at pre-bid meetings and issuance of addenda.

Step 7 – Construction Administration

- > The project team will review project submittals, attend project meetings, and provide inspection of the construction being completed. The project team will provide final punch list inspection at project completion.
- > Challenges during construction - We will develop a program to keep the DNR abreast of potential construction issues. We plan to address any issue through clear and concise construction notes, details, and specifications to ensure the safety of the workers and river environment.

Step 8 – Project Close Out

Upon completion of the project, our Project Team will provide final as-built drawings in both CAD and PDF format to the DNR and any appropriate personnel.

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, Rob Milne, 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, Rob 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.

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.

Budgeting:

Construction estimating and budgeting is the most important part 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.





WEST VIRGINIA DIVISION OF NATURAL RESOURCES

Robert Milne, PE
Project Manager

Gina Panasick
Environmental Task
Manager

Joe Sinclair, AIA
LEED AP, NCARB, CDT
Architecture Task
Manager

Jeff Gola, PE
Civil Task Manager

Kylea Radcliff, EI
Utilities Task Manager

Jim Decker, MBA
Construction Estimator

Sam Rich, PLA
Landscape Architect

Bill Ratcliffe
Construction Contract
Administrator

THRASHER IN-HOUSE
SUPPORT SERVICES

Survey

Construction
Services

Project Manager



Robert Milne, PE has over 25 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. Rob remains involved with every facet of the projects he manages - overseeing design standards, staff assignments, project schedules, and client communication.

Education

Master of Science,
Civil Engineering
West Virginia University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

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

Affiliations

- > Leadership Monongalia County, WV
- > Foundations of Leadership/National Leadership Institute
- > USACE-Access Control Point Design Training Course
- > ODOT Non-complex Roadway Design prequalification
- > ODOT Complex Roadway Design prequalification
- > ODOT Bridge Design Level 1.1/1.2 prequalification

Experience

WV Department of Natural Resources Boat Ramp Design at Palatine Park

- Role: Project Manager
- > Marion County, WV

WV Department of Natural Resources Elk River Boating Access

- Role: Project Manager
- > Kanawha County, WV

Grand Patrician Resort

- Role: Project Manager
- > Cabell County, WV

Jaguar/Land Rover Charleston Dealership Renovation

- Role: QA/QC
- > Kanawha County, WV

West Virginia University Architectural and Engineering Open-End

- Role: Project Manager
- > Monongalia County, WV

West Virginia University Milan Puskar Stadium Renovations

- Role: Engineer of Record
- > Monongalia County, WV

West Virginia University Milan Puskar Stadium Renovations

- Role: Project Manager
- > Monongalia County, WV

WVDEP AML Dansbranch Landslide Emergency Project

- Role: QA/QC
- > Nicholas County, WV

Project Manager

Your **ACTIVE PE** renewal fee has been received...

Your **ACTIVE PE** renewal fee has been received. Your pocket card indicating you are entitled to practice engineering in West Virginia until the noted expiration date may be detached and used unless invalidated as a result of Board audit of your renewal form or formal disciplinary action.

IMPORTANT REMINDERS:

- 1. Please include your WV **ACTIVE PE** license number on any correspondence to this office.
- 2. To use this license as a pocket card, please cut along the dotted line and laminate if desired.
- 3. You are required to immediately notify the Board, in writing, of the following: loss or theft of license or seal, any name change, any address change, or any employment change.


West Virginia State Board of Registration for Professional Engineers

300 Capitol Street, Suite 910
Charleston, West Virginia 25301
304-558-3554 Phone
800-324-6170 Toll Free
www.wvpebd.org

THIS IS ONE FORM OF YOUR RENEWAL RECEIPT

PLEASE SAVE THIS FOR YOUR RECORDS

Date of Renewal: December 31, 2018
Amount Paid: \$70.00



West Virginia State Board of Registration for Professional Engineers

ROBERT R. MILNE
WV [REDACTED]

This is to certify that the above named PROFESSIONAL ENGINEER has met the requirements of the law, is duly registered and is entitled to practice engineering in the State of West Virginia.

EXPIRES December 31, 2020

ROBERT R. MILNE
[REDACTED]

Environmental Task Manager



Gina Panasick has nearly 20 years of experience working in both the academic and private sector performing environmental research, field studies, and environmental permitting. She has experience in 10 states along the eastern seaboard, from Massachusetts to North Carolina and into Michigan. Gina’s environmental work has included soil sampling; groundwater sampling; wetlands delineation and mitigation; environmental assessments; Phase I ESAs; and rare, threatened, and endangered species surveys for bats and plants.

Education

Master of Science,
Marine Biology
UNC Wilmington

Bachelor of Science,
Biology
Boston University

Certifications

- > PA DCNR Wild Plant Management Permit
- > Professional Wetland Scientist

Affiliations

- > Society of Wetland Scientists
- > Women’s Energy Network

Gina has also worked with a number of established companies in the energy sector, including Shell, Chevron, Spectra, Williams, and Tesla. During this time, she developed permitting for pads and linear projects as well as solar fields.

Experience

**Benedum Airport Authority
New Terminal - WVDNR,
WVDEP, USACE, USFWS,
WVSHPO Permits**

Role: Permitting Specialist
> Harrison County, WV

**WestRidge Development
- NEPA, USACE, WVDEP,
WVDNR, WVSHPO Permits**

Role: Permitting Specialist
> Monongalia County, WV

**Confidential Client - WVDNR,
WVSHPO, WVDEP, USACE,
FERC, USFWS Permits**

Role: Permitting Specialist
> Monongalia County, WV

Patriot Golf Course

Role: Environmental Assessor
> MA

Atlantic Sunrise Pipeline

Role: Permitting Specialist
> PA

Hanscom Air Force Base

Role: Environmental Assessor
> MA

Project Architect



Education

Master of Architecture,
Savannah College of Art &
Design

Bachelor of Science,
Architectural Engineering
Fairmont State University

Registrations

Professional Architect:

- > West Virginia
- > Virginia

Affiliations

- > NCARB Certificate (#69740)
- > LEED Accredited Professional, Building Design & Construction – GBCI#: 10052110
- > Construction Documents Technologist (CDT) – Construction Specifications Institute (CSI)
- > Member American Institute of Architects – West Virginia Chapter
- > Member – United States Green Building Council (USGBC) – West Virginia Chapter
- > AIA West Virginia's AIA Safety Assessment Program Training

Joe brings more than 10 years of architectural experience in all phases of design ranging from commercial renovations, additions, and new construction to historic preservation and multi- and single-family residential projects. Joe's resume is built with architectural experience from Savannah, GA; Atlanta, GA; Charleston, WV; and North Central West Virginia. Joe joined the Thrasher team in 2017.

Joe is an Iraq War Veteran and former member of the West Virginia Army National Guard where he served as a Combat Engineer and Squad Leader. In addition to working full-time as an Architect at Thrasher, Joe serves as an Adjunct Professor in the Construction Management program at BridgeValley Community & Technical College in South Charleston, WV. Joe's expertise lies in project design, management, production, and delivery.

Experience

WVDNR Building 23

Evaluation

- Role: Project Architect
- > Kanawha County, WV

West Virginia Turnpike Rest Area, Exit 69

- Role: Project Architect
- > Mercer County, WV

WVDNR Beech Fork Lodge and Conference Center

Role: Project Architect

- > Wayne County, WV

Boy Scouts of America Dining Hall and Bunkhouse

Role: Project Architect/

Manager

- > Fayette County, WV

WVDOH I-77 Weigh Station Renovations

Role: Project Architect/

Manager

- > Wood County, WV

Jaguar/Land Rover Charleston Dealership Renovation

Role: Project Architect/

Manager

- > Kanawha County, WV

WV Division of Labor Weights and Measures HVAC & Envelope Retrofit

Role: Project Architect

- > Kanawha County, WV

Project Architect

The West Virginia Board of Architects

certifies that

RYAN JOSEPH SINCLAIR

is registered and authorized to practice
Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued
by the authority of this board.

Certificate Number [REDACTED]

The registration is in good standing until June 30, 2019.



A handwritten signature in cursive script, appearing to read "Gailly Repudgander".

Board Administrator

Construction Estimator



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

Jim Decker, MBA brings over 25 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.

Experience

South Harrison High School Field House Project

Role: Construction Estimator
> Harrison County, WV

Marion County Health

Department Renovations
Role: Construction Estimator
> Marion County, WV

Department Renovations

Role: Construction Estimator
> Marion County, WV

Clarksburg Aquatic Center Existing Pool Demolition and Addition of New Water Park

Role: Construction Estimator
> Harrison County, WV

Fairmont State University Student Recreation Center

Role: Construction Estimator
> Marion County, WV

Fairmont State University Duvall-Rosier Field Synthetic Turf

Role: Construction Estimator
> Marion County, WV

Construction Contract Administrator



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.

Education

Regents Degree,
West Virginia State University

Registrations

> Recognized Educational
Facility Planner (REFP)

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.

Experience

Jefferson County Convention and Visitors Bureau Addition and Renovations

Role: Construction Contract Administrator
> Jefferson County, WV

Greene County Memorial Recreation Center Project

Role: Construction Contract Administrator
> Greene County, PA

Pleasants County Middle School Restroom Improvements

Role: Construction Contract Administrator
> Pleasants County, WV

Doddridge County High School New Field House

Role: Construction Contract Administrator
> Doddridge County, WV

Doddridge County High School Athletic Complex and Student Athletics Building

Role: Construction Contract Administrator
> Doddridge County, WV

Moorefield High School Addition and Renovations

Role: Construction Contract Administrator
> Hardy County, State

Civil Task Manager



Jeff Gola, PE is an integral part of The Thrasher Group's Site Division. He has accrued more than 20 years of experience in the design and construction of public works projects. In that time, Jeff has been a part of a variety of project types, including sidewalks, dams, bridges, roadways, stormwater systems, and retaining walls. He has dedicated much of his career to understanding the structural design elements that govern these infrastructure projects and takes a methodical design process to ensure his work takes these elements into account so his projects remain safe, stable, and secure throughout their use.

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia
> Maryland

Affiliations

- > American Society of Highway Engineers
- > American Society of Civil Engineers

In addition to his public works projects, Jeff is also highly experienced in the transportation world. He has built a large portfolio of these projects over the years, having been involved in more than \$100 million worth of critical transportation infrastructure. He has worked alongside the West Virginia Division of Highways for 17 years and has also become an expert in airport design and construction, working directly with the Federal Aviation Administration.

Experience

WVDNR Palatine Park Boat Ramp Site Design
Role: Project Engineer
> Marion County, WV

Doddridge County Parks and Recreation Commission General Store, Bath House, and RV Park Utilities Project
Role: Project Manager
> Doddridge County, WV

Doddridge County Parks and Recreation Phase I Property Development
Role: Project Manager
> Doddridge County, WV

BOPARC Conceptual Wall Repairs
Role: Project Engineer
> Monongalia County, WV

Clarksburg Aquatic Center Existing Pool Demolition and Addition of New Water Park
Role: Project Manager
> Harrison County, WV

Landscape Architect

**Education**

Bachelor of Science,
Landscape Architecture
West Virginia University

Registrations

> Professional Landscape
Architect

Affiliations

> American Society of
Landscape Architects

Samuel Rich, PLA is a Project Manager at The Thrasher Group working in the Site Division. Sam's role includes overseeing the design process for a variety of land development and planning projects in the commercial, residential, municipal, and industrial sectors. His team works 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.

Before his time at Thrasher, he spent three years in the landscape design/build industry working on a variety of projects involving the beautification of the outdoor environment for both residential and commercial spaces. Sam also held an internship position with the District of Columbia Office of Planning where he oversaw the historic restoration design of 10 Downtown D.C. pocket parks under National Park Service jurisdiction.

Experience**West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements**

Role: Landscape Architect
> County, State

Boy Scouts of America – Various Projects

Role: Civil Project Manager
> Fayette County, WV

Wild Ridge, A West Virginia YoungLife Camp

Role: Project Manager
> Nicholas County, WV

Hatfield McCoy Trails Welcome Center

Role: Landscape Architect
> Mercer County, WV

Doddridge County Parks and Recreation Commission Park Road Upgrades

Role: Lead Planner
> Doddridge County, WV

WVU Milan Puskar Stadium Renovations Landscape Plan

Role: Landscape Architect
> Monongalia County, WV

Utilities Task Manager



Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Engineer in Training
> West Virginia

Affiliations

> ACEC Waste and Storm
Water Gold Award Winner

Kylea Radcliff, EI utilizes her experience and education to provide design and engineering solutions in water and wastewater applications. She began her career at Thrasher as a summer intern in the utility department and has climbed through the ranks, joining the team full time as a Staff Engineer, then Project Engineer, and now serving as a Project Manager.

Kylea is responsible for the development of projects and takes them from the preliminary engineering report stages to completion. Several of Kylea's engineering reports have helped her clients secure funding to move their jobs to construction. She is dedicated to designing projects that meet her client's needs and improve their system while meeting project timelines and budgets.

Experience

Town of Paw Paw Water System Upgrades and Extensions

Role: Project Engineer
> Morgan County, WV

City of Piedmont Water Treatment Plant Upgrades

Role: Staff Engineer
> Mineral County, WV

Hardy County Public Service District Baker Water Distribution System and Marvin Chapel Water System Extensions

Role: Staff Engineer
> Hardy County, WV

Canaan Valley Public Service District Zone B Sanitary Sewer System

Role: Project Engineer
> Tucker County, WV

Preston County Sewer Public Service District Hazelton Wastewater Treatment Plant

Role: Staff Engineer
> Preston County, WV

Town of Flemington Sanitary Sewer Extension

Role: Staff Engineer
> Taylor County, WV

West Virginia holds a unique landscape and unique challenges. The Thrasher Group has spent 36 years getting to know the obstacles and opportunities that come with working in this terrain and has had the pleasure of doing so in countless communities across the state.

Morgan County is no exception. Thrasher has completed several projects in your area, giving us an understanding of the place, the people, and the problems that could arise. The local community we've spent the most time in is the Town of Bath:

The Town of Bath hired The Thrasher Group to improve their water systems. The project was separated into three phases, which included water line replacements, evaluating the current system, and designing an enhanced water system. Thrasher's improvements resulted in water loss reduction and reduced plant time operations.

Divided into three separate phases, Thrasher's initial replacement of three miles of water lines, several gate valves, and service lines resulted in water loss reduced from 65% to 45%. By Phase 2, water loss was reduced from 45% to 21% and plant operating time was condensed to approximately 16 hours per day. Lastly, improvements in Phase 3 included tank painting, fencing, telemetering systems, and architectural improvements to the water treatment plant. The new design was set to enhance the water systems and reduce water loss by 15%.

Due to the strategic operations and maintenance by Thrasher during Phases 1 and 2, the client did not receive any increased rates.



Thrasher has also provided streetscape and stormwater services for Bath, as well as a variety of services for the Town of Paw Paw, Capon Bridge, and Region IX.



Doddridge County Parks

Client Contact:

Mr. Greg Cottrill, Park Director

PO Box 426 | West Union, WV 26456

304-873-1663

Thrasher worked closely with the Doddridge County Park Board to develop a vision and master plan for their new park. The master plan for the 234-acre area included cabins, camp sites, an amphitheater, a zipline course, a disc golf course, and a variety of other activities.

The first step in the master plan was to complete a 100ft concrete span bridge to open up access to the other side of the park. Thrasher helped the park board complete this bridge in the summer of 2015.

Thrasher has provided a variety of services for the Doddridge County Park Board, including:

- > Design specifications and engineering plans
- > Property development
- > Utilities engineering
- > Preparation of bidding and contract documents including a construction cost estimate
- > Handle all meetings during bid process including a mandatory pre-bid construction meeting
- > Monitoring and inspection of construction activities to ensure compliance with plans and specifications
- > Funding applications and facilitation

West Virginia Young Life Camp Wild Ridge Camp Master Plan

Client Contact:

Mr. Corey McGrail, Project Manager
247 Mohican Lake Road | Glen Spey, NY 12737
845-582-7755

The Thrasher Group is working with Young Life on a master plan of their new Wild Ridge Camp that will sit adjacent to the canyon rim of the Gauley River in West Virginia. The camp will support events all year long including eleven weeks of summer camp which will have 500+ campers and support staff every week. The camp will serve similar sizes on the weekends during the school season and also cater to local school and church groups for special event use. The camp will have multiple housing facilities and dorms, a dining hall, a covered sports court, a club room, a swimming pool and snack bar, laundry facilities, maintenance facilities as well as multiple recreational opportunities such as trails, zip lines, and a 17 acre lake for small craft boating and fishing. Thrasher is currently working on developing the initial schematics into detailed conceptual plans for purposes of estimating and securing final funding for the first phase of the camp. Thrasher's current work with Young Life involves surveying, geotechnical investigation, civil engineering, and master planning.



Services provided:

- > Master planning
- > Site development
- > Utility design
- > Environmental services
- > Landscape architecture
- > Surveying



Boy Scouts of America

Client Contact:

Mr. Rob Ridgeway

2550 Jack Furst Drive | Glen Jean, WV 25846

304-465-2800



The Thrasher Group has worked with Boy Scouts of America on various phases of planning and design for the proposed facilities for Leadership Ridge at the Summit Bechtel Reserve in Glen Jean, West Virginia. Leadership Ridge is a new expansion to The Summit which will create multiple lodging and conference center options for adult and corporate guests. Thrasher is working with Boy Scouts of America to refine and develop the current master plan which involves a conference room, forty room lodge, four detached forty room lodges, an amphitheater, a zen garden, multiple trails, and an overlook which will have great views of the heart of The Summit. Currently the conference center, roads, trails, and amphitheater are under construction with completion slated for the 2019 World Jamboree which will be hosted at The Summit. Thrasher's work on this project has involved architecture, planning, civil engineering, landscape architecture, Geo-technical investigation, and surveying.



Services provided:

- > Architecture
- > Master planning
- > Site development
- > Utility design
- > Landscape architecture
- > Surveying
- > Environmental



**Boy Scouts of America
Harvey Family Mountain Bike Shop**

Client Contact:
Mr. Rob Ridgeway
2550 Jack Furst Drive | Glen Jean, WV 25846
304-465-2800

The Harvey Family Mountain Bike Shop is the start and finish for miles of bike trails through the mountains. Located on a ridge dedicated to BMX and mountain bikes at a large adventure camp, this shop is the staging area where campers – sometimes hundreds a day – borrow bikes and gear to enjoy.



The large canopy shelters bikers from rainstorms and the summer sun. The platform sits at the edge of a wooded hillside and has graceful bike ramps that launch and return bikers to the trail systems. The canopy structure is steel columns, beams and girders with numerous unique features that mimic a bicycle frame and parts. The canopy roof is white TPO to reflect the summer sun and has rigid insulation to reduce thermal transmission and noise during rainstorms. The composite metal roof deck is perforated with mineral wool acoustic insulation. Two large fans provide comfort from the summer heat.



This project won an AIA West Virginia Honor Award for Excellence in Architecture.



**Boy Scouts of America
JW & Hazel Ruby Welcome Center**

Client Contact: [Redacted]
 Mr. Rob Ridgeway
 2550 Jack Furst Drive | Glen Jean, WV 25846
 304-465-2800

Nestled among the wooded West Virginia hills, adjacent to heavily trafficked Rt. 19, the Welcome Center serves a dual function. It welcomes visitors headed to the nearby training and adventure grounds, and it is an information center open to the general public. With no other structures in sight, this 12,000sf building was afforded that rare opportunity to establish a vernacular.

In harmony with the surrounding hills, the building has gently rolling metal roofs and glulam beams supported by heavy timber posts with branch-like knee bracing. Exterior veneer is cut stone collected from nearby. Two cedar-clad 'chimneys' provide shear bracing while hiding high-efficiency RTUs. Curtainwall with sloping high-bays enclose the front and rear elevations, diminishing the boundary between inside and out. A side entrance has a long roof extending over a bus drop-off area. In addition to the main building, Thrasher designed restrooms, parking, facilities, and scenic trails to create an overall easy access to the building by foot.





Working on a golf course is a unique experience that brings a distinct set of challenges and opportunities. The Thrasher team has performed a variety of types of work in and around area golf courses, from course grading to stormwater design. We know the nuances of working in this type of landscape and the typical customer associated with the attached club house.

Thrasher has provided the following golf-related services:

- > Greenbrier golf course - conversion ponds
- > Grand Patriciation - course grading
- > Pete Dye - pump stations
- > Bridgeport County Club - consulting services
- > Oakhurt Golf Course - layout and design of development



Oakhurst Golf Course

Client Contact:

Mr. Jason Brown, Development Director

Greenbrier Sporting Club

5 Kate's Mountain Road | White Sulphur Springs, WV 24986

855-823-0515

The Thrasher Group, Inc. worked with the Greenbrier Sporting Club providing preliminary planning and engineering services for a new development known as Oakhurst. The project involved the layout and design of over one hundred single family residential lots surrounding a brand new 18-hole PGA Golf Course and ski resort. Thrasher provided services including utility infrastructure assessments, site access assessments, preliminary subdivision layouts, environmental assessments and field services, as well as aerial mapping and surveying services. Additionally, Thrasher worked with the Greenbrier Sporting Club's golf course designer to permit the site grading and drainage necessary for construction of the course to begin.



McFly Outdoors Retail Space

Client Contact:

Mr. Ron Stanley, CPA – Managing Partner, High Tech Corridor Development

PO Box 940 | Bridgeport, WV 26330

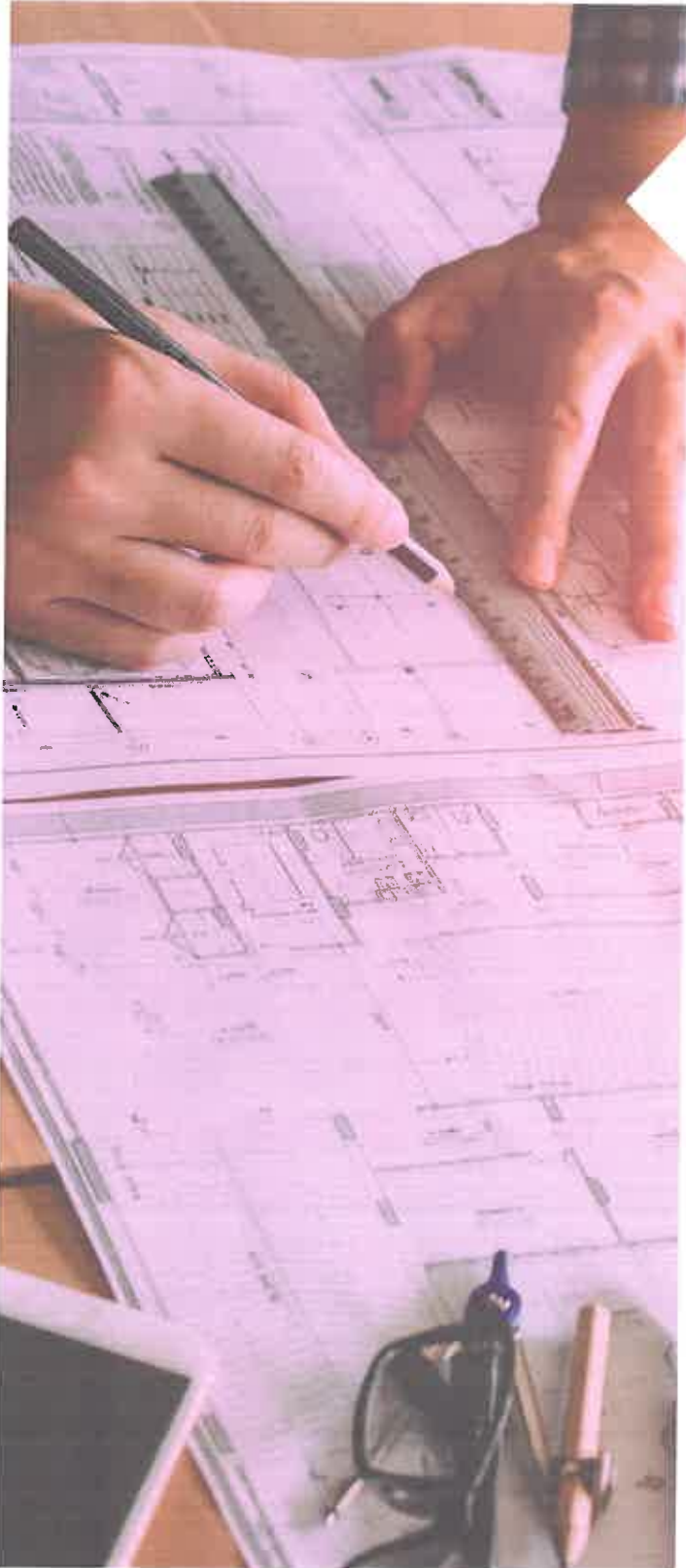
304-669-1567

McFly Outdoors is a locally owned sporting goods and adventure retailer. Thrasher worked with owners Wes and Kate Garton to create a business environment that appeals to their base of customers.

This unique design and store layout captures the essence of the retail market this business serves. With apparel and accessories, fly fishing, hunting, camping and hiking, and more to offer, McFly Outdoors offers a retail experience for the truly adventurous.

The architecture, interior design and construction management for the creation of McFly's Bridgeport, West Virginia location was completed by Thrasher's Architecture Division.





Doddridge County Parks and Recreation

Mr. Greg Cottrill, Park Director
PO Box 426 | West Union, WV 26456
304-873-1663

Boy Scouts of America

Mr. Rob Ridgeway
2550 Jack Furst Drive | Glen Jean, WV 25846
304-465-2800

Hampshire County Development Authority

Ms. Eileen Johnson, Executive Director
91 S High Street | Romney, WV 26757
304-359-3732

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