

NOTICE

Please note that this bid from Thrasher Group for DNR16*12 was received at the Purchasing Division office prior to the established bid opening date and time on December 3, 2015 as noted on the coversheet of the electronic bid, but was not loaded properly at the public bid opening. This bid has since been loaded and is now posted.

A handwritten signature in cursive script, reading "Diane Holley-Brown", is written over a horizontal line.

Diane Holley-Brown
Assistant Purchasing Director



West Virginia Purchasing Division

2019 Washington Street, East
Charleston, WV 25305
Telephone: 304-558-2306
General Fax: 304-558-6026
Bid Fax: 304-558-3970

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

List View

General Information Contact Default Values Discount Document Information

Procurement Folder: 159027

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000204789

Legal Name: THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 12/03/2015

Response Time: 12:21

SO Doc Code: CEOI

SO Dept: 0310

SO Doc ID: DNR1600000012

Published Date: 10/28/15

Close Date: 12/3/15

Close Time: 13:30

Status: Closed

Solicitation Description: A&E SVCS Boating and Parking Improvements Tygart Lake

Total of Header Attachments: 0

Total of All Attachments: 0



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

**State of West Virginia
 Solicitation Response**

Proc Folder : 159027

Solicitation Description : A&E SVCS Boating and Parking Improvements Tygart Lake

Proc Type : Central Contract - Fixed Amt

Date issued	Solicitation Closes	Solicitation No	Version
	2015-12-03 13:30:00	SR 0310 ESR12031500000002513	1

VENDOR

000000204789

THRASHER GROUP INC

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X **FEIN #** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Architectural/Engineering Serives				

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description : A/E services for boating and parking improvements at Tygart Lake State Park.



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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 159027

Doc Description: A&E SVCS Boating and Parking Improvements Tygart Lake

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2015-10-28	2015-12-03 13:30:00	CEOI 0310 DNR1600000012	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:
 The Thrasher Group, Inc.
 PO Box 940, 600 White Oaks Blvd.
 Bridgeport, WV 26330
 304-624-4108

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet
 (304) 558-2596
 guy.l.nisbet@wv.gov

Signature X

FEIN # 55-0633596

DATE 12/3/15

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

ADDITIONAL INFORMATION:

Expression of Interest

The West Virginia Purchasing Division for the Agency, the West Virginia Division of Natural Resources (WVDNR) is soliciting CEOI responses from qualified firms to provide necessary engineering, landscape architecture, and other related professional services to design and provide construction contract administration services to construct certain boating and parking improvements at Tygart Lake State Park per the specifications and terms and conditions as attached.

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV25305 US	STATE OF WEST VIRGINIA JOBSITE - SEE SPECIFICATIONS No City WV 99999 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Architectural/Engineering Serives		

Comm Code	Manufacturer	Specification	Model #
81101508			

Extended Description :

A/E services for boating and parking improvements at Tygart Lake State Park.

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 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

Andrew Bils

Authorized Signature

12/3/15

Date

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

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: The Thrasher Group, Inc.

Authorized Signature: *Chadwick Bink* Date: 12/3/15

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 3 day of December, 2015.

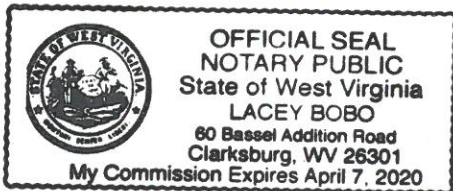
My Commission expires April 7, 2020

AFFIX SEAL HERE

NOTARY PUBLIC

Lacey Bobo

Purchasing Affidavit (Revised 08/01/2015)



THRASHER



**A&E Services Boating and
Parking Improvements
Tygart Lake State Park
DNR1600000012**

600 White Oaks Blvd | PO Box 940 | Bridgeport, WV 26330



December 3, 2015

Division of Natural Resources
Parks & Recreation - PEM Section
324 4th Avenue
South Charleston, WV 25305

RE: *A&E Services Boating and Parking Improvements Tygart Lake State Park*

Dear Members of the Selection Committee:

Great results don't happen by mistake. They are produced from a clear vision, thoughtful design, and careful construction. This Expression of Interest is a further example of the dedication the DNR has to improving our state's recreation opportunities. Projects that enhance the quality of life in the communities where we live and play has always been a priority for Thrasher.

The Thrasher team understands that improving the vehicular and pedestrian traffic flow is instrumental to the success of this project. We recognize that upgrading the boat ramps is important to the growth of the park. As a result of this, we have assembled a team that is experienced with vehicular and pedestrian traffic flow as well as boat ramp design.

The selection of Thrasher will benefit the DNR and the Tygart Lake State Park through:

- Proven ability to design and execute boat ramps and parking projects,
- Reputation to draw a high volume of bidders,
- Proximity of the Thrasher office to Tygart Lake (25 minutes)

This is a very exciting initiative, one that will enhance the quality of the park and provide many years of community enjoyment. We want to be a part of it and the success of Tygart Lake State Park!

Sincerely,

THE THRASHER GROUP, INC.

CHADWICK BILLER, PR
Principal-in-Charge

The Thrasher Group, Inc.

Formed in 1983, Henry A. Thrasher and H. Wood Thrasher created Thrasher with a commitment to excellence and professionalism in engineering. As the leading consulting engineering firm in the state of West Virginia, Thrasher specializes in all facets of engineering from site development to public works projects.

In 2005, the company added architecture services to our ever-expanding list of capabilities. In early April of this year, it was confirmed that Thrasher acquired the Marion County-based Blackwood Associates architectural firm. Blackwood Associates brings over 40 years of experience throughout the state of West Virginia to the ever-growing Thrasher architecture division.

Throughout the past 5 years, Thrasher has grown from roughly 200 employees to the over 300 people we presently employ. Thrasher is growing at a rapid pace and that has allowed us to bring aboard some of the most sought after talent around.

We believe that the partnership we establish with our clients is what makes them and their projects successful. This philosophy is the foundation of our growing company.



We have learned, regardless of our size, our commitment to this philosophy leads to successful projects.

The Thrasher philosophy is
PARTNERSHIP.

*Thrasher was recently named #49 on the
Zweig White Best Firms to Work for in 2015.*

Main Point of Contact:

Mr. Chad Biller, PE
600 White Oaks Boulevard
P. O. Box 940
Bridgeport, WV 26330
Phone: 304-624-4108
Fax: 304-624-7831

Office Locations:

Bridgeport, WV
Charleston, WV
Beckley, WV
Oakland, MD
Fredericksburg, VA
Canton, OH
Canonsburg, PA

Thrasher Information:

Incorporated in 1983
www.thrashereng.com

The Thrasher Group, Inc.

With multi-discipline capabilities, Thrasher covers all of the professional services needed to deliver successful projects to both public and private clientele. The firm's roots were planted in civil engineering and consulting services for public utility projects. Over the years, our success has allowed us to branch out, expanding our services to meet both the needs of our clients and the growing need for more responsive and effective solutions.

By providing a full range of quality professional engineering, surveying, architectural, environmental and related field services, Thrasher has positioned itself as one of the leading firms in the Mid-Atlantic region.

Disciplinary Practices :

- Environmental Services
- Materials Testing
- Storm Water Systems
- Survey - land and bathymetric
- GIS Mapping and Software Development
- Civil Engineering
- Water Treatment and Distribution
- Wastewater Collection and Treatment
- Construction Monitoring
- Roadways / Bridges /Streetscapes
- Airports
- Land Planning and Landscape Architecture
- Parks and Recreation
- Land & Site Development

Areas of Service:

- Planning
- Preliminary engineering
- Funding direction & application assistance
- Regulatory permitting
- Design and construction document preparation
- Bid documentation & process oversight
- Construction administration & monitoring
- Post construction service & on-going commitment

Successful projects require more from an engineering firm than just technical design expertise. At Thrasher, our project managers and engineers focus on all aspects of "getting the job done."

THRASHER

Project Approach

Thrasher's Project Manager, April Rohrbaugh, will establish a design kick-off meeting with the DNR, Tygart Lake Representatives, and key members of our project team to review the selected project and clearly define the Scope of Services. Following contract approval, our project team will take the following steps to complete the project.

Step 1 - Field Evaluation

April will assemble a team of engineers, surveyors and landscape architects 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 plan for the park and additional amenities that are going to be incorporated in the future.

Step 2 - Creation of Base Mapping

- Thrasher will use base mapping provided by the Owner. If current mapping is not available, Thrasher will perform a survey of the site as well as bathymetrics of the boat launch area.
- Thrasher will obtain tax maps and deeds to create a property mosaic of the project area.
- Thrasher will obtain documentation to establish right-of-ways on the streets accessing the project area.

Step 3 - Conceptual Design and Report

- Following completion of the base mapping, Thrasher will begin preparation of the conceptual design of the projects identified during the kick-off meeting.
- Thrasher's engineers and landscape architects will walk the property and identifying potential problem areas and design solutions for siltation, boat ramp, water level fluctuation. Parking, circulation, and ADA accessibility will be part of this design phase.
- Thrasher will prepare a conceptual design, and where applicable, provide design alternatives for consideration by the DNR and Tygart Lake.
- Thrasher will prepare a written report of the conceptual designs; identifying design issues, boat ramp site selections, vehicular, and pedestrian traffic concerns
- Thrasher will also prepare a detailed construction cost estimates based upon the conceptual designs.

Project Approach

Step 4 – Construction Documents

Our team will provide design solutions and construction documents to the DNR and Tygart Lake 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 stakeholders. 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 in the 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 stakeholders abreast of potential construction issues. Our project team will prepare our design repairs with the adjacent property owners in mind. Our team knows that working along public access areas can be challenging. 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 Tygart Lake.



THRASHER

MASTER PLANNING

MASTER PLANNING

At Thrasher, our master planning approach and purpose based development is toward clients who have fundamental goals and objectives in mind. Our work strives to reflect the uniqueness and authenticity of the vision that our clients have. Through a proven process, we study, collaborate, build consensus and create forward thinking solutions to complex projects.

We begin by understanding our client's goals, needs and resources in relation to their aspirations and challenges. We take all factors into consideration and we examine demographic trends, market forecasts and sustainability. Our approach to master planning enables us to identify and evaluate the best alternatives for long-term development.

WHY DO A MASTER PLAN?

- It is a guide for the development of the park and recreation system with the community.
- It is the first step toward accurate capital financing plans.
- It is a tool for rational decision-making.
- It allows for an inclusive public engagement process.
- It allows for park department coordination and cooperation within itself and the public.
- It is essential for the public health, welfare, and safety of the overall community.

LANDSCAPE ARCHITECTURE

Landscape architecture at Thrasher involves the design of landscapes on a variety of scales—from large, multi-functional sites to small, confined spaces. Innovative research into materials, lifestyles, and landscape technologies coupled with a deep understanding of how people use outdoor spaces informs our unique design process.

With a diverse background throughout the Mid-Atlantic region and international mountain regions, we excel at providing client-specific and site-specific planning and design solutions. Thrasher's Landscape Architects have the expertise and experience to guide you smoothly from concept through construction closeout.

LANDSCAPE ARCHITECTURE SERVICES:

- Destination Resorts
- Business Parks
- Industrial Parks
- Community Planning
- Design Guidelines
- Botanical Gardens
- Children's Gardens
- Residential Landscape Design
- Trail Design
- Recreational Facilities
- Water Features
- Schools
- Natural Playgrounds
- Irrigation Systems
- Native Restoration
- Monuments



SITE DEVELOPMENT

Engineering for site development is far from a “one size fits all” approach. Every project is unique and requires a blend of technical expertise, planning principals, efficient design, market realities, and the flexibility to seize opportunities. With our diverse staff, Thrasher has a winning combination of talent to take projects from design to reality.

At Thrasher, we understand that the design of a successful site development project must factor in economic landscape, political implications, and strategic planning that takes projects beyond engineering. The Thrasher team possesses expertise in every facet of development including site selection and planning, grading, storm water management, erosion and sediment control, permitting, and infrastructure design.

We pride ourselves on being a partner in projects that improve the quality of life for residents and provide economic sustainability to communities.

SITE DEVELOPMENT EXPERTISE:

- Industrial and Business Parks
- Mixed-Use Developments
- Athletic Facilities
- Federal Correctional Facilities
- Streetscapes and Sidewalk Planning
- Commercial Developments
- Single and Multi-Family Residential Development
- Primary, Secondary, and Higher Education Facilities
- Recreational Resorts and Guest Lodging
- Shopping Plazas

A photograph of a multi-tiered waterfall cascading over mossy rocks in a lush green forest. The water is white and frothy as it falls, creating a misty spray at the bottom. The surrounding vegetation is dense and vibrant green.

ENVIRONMENTAL

In today's ever-changing regulatory landscape, compliance with federal and state environmental laws is critical to the success of projects. Compliance can often seem at odds with the project vision and financial constraints. The Thrasher team partners as a technical and regulatory advocate to overcome obstacles and guide our clients through complicated policies to achieve their goals.

From initial investigations to final design, our environmental experts are there to assist in all facets of our clients' projects. Our team has developed relationships with academic consultants from multiple universities that are here to aid in specialized assessments.

ENVIRONMENTAL SERVICES:

- All Appropriate Inquiry (AAI)
- Environmental Site Assessments
- NEPA Compliance for Publicly Funded Projects (CATEX, EA, EIS)
- Ecological Studies
- Brownfield Redevelopment
- Industrial Hygiene and Demolition Planning
- Underground Storage Tank (UST) Consulting Services
- Wetland Delineation, Design, and Mitigation
- Remediation Investigation and Feasibility Studies, Alternatives, and Design
- Hydro-geologic and Geologic Investigations
- Ground-water Monitoring
- Sampling and Laboratory Analysis
- Solid and Hazardous Waste Management
- SPCC, GWPP, SWPP Environmental Compliance Plans
- Stream Assessments, Design, and Mitigation
- Erosion and Sediment Control Plans

THRASHER

SURVEY

SURVEY

Thrasher employs one of the largest survey departments in the Mid-Atlantic region and offers a wide range of land surveying and related services for federal, state, and private clients. We are committed to evolving our techniques and equipment to best serve our clients and their growing needs.

At Thrasher, we are able to provide both surveying and engineering services which provide a distinct advantage over survey-only companies. The combination of these two services provide our surveyors with a better understanding of what engineers and architects require to develop an appropriate design for different types of projects. Our field and survey personnel offer extensive experience, certified training, and flexibility to meet our clients' unique project schedules.

GENERAL SURVEY SERVICES:

- Large-scale Boundary Work
- Topographic Survey and Mapping
- ALTA/ACSM Survey and Mapping
- Lake and River Soundings
- Accident Reconstruction Survey and Mapping
- Drug-free Zone Mapping
- Expert Witness Testimony
- Construction Layout
- Permanent Project GPS Base Stations
- Building Control and Layout
- Road/Bridge Alignment and Staking
- Sewer/Water/Pipeline
- Site Layout
- Quality Assurance Surveying
- Volume/Quantity Surveys
- As-Built Surveys

GPS SURVEYS:

- Geodetic Control Networks
- Ground Control for Aerial Mapping
- Telecommunications
- FAA 1A and 2C Letters

ROUTE LOCATION SURVEYS:

- Transmission Lines
- Natural Gas Pipelines
- Wind Turbine
- Roadway, Railway and Rec Trails

COAL AND ENERGY SURVEYS:

- Pre and Post Mining Blast Surveys
- Water Quality Monitoring Plan
- Construction Layout
- Emergency Control Survey/Plans



CONSTRUCTION MANAGEMENT

Effective management of our projects ensures that both clients and contractors work in an efficient and safe manner. From pre-construction activities such as bid conferences and surveys, to inspections, job progress reviews, through final completion, our goal is work that proceeds in accordance with plans and specifications.

At Thrasher, we inspect and manage a wide variety of projects designed by our firm in addition to projects for contractors and other designers. We have certified project representatives responsible for overseeing every element of design integrity. Our methods have earned the respect of not only our clients, but contractors and project owners alike.

CONSTRUCTION INSPECTION SERVICES:

- Construction Materials
- Structural Steel and Concrete
- Paving
- Drainage
- Embankments
- Work Zone Safety and Traffic Control
- Erosion and Soil Control

QUALITY CONTROL AND ASSURANCE METHODS:

- Regularly Scheduled Planning and Progress Meetings
- Engineering During Construction
- Daily Logs and Progress Sheets
- Cut Sheets
- Quantity Tracking

Project Team



Chadwick Biller, PE
Principal-in-Charge

Robert Milne, PE
Quality Assurance/Quality Control

April Rohrbaugh
Project Manager

Thrasher
Bridgeport Engineering Staff

David Foster, ASLA
Landscape/Master Planning

Sam Rich
Landscape/Master Planning

Chadwick Biller, PE

Principal-in-Charge



In 1999, Chad Biller, PE, joined the team at Thrasher and is now a partner within the firm. Mr. Biller has extensive experience in all aspects of civil engineering, but his primary emphasis lies in highway, road, bridge, and airport projects. Mr. Biller oversees all project management and design for WVDOH projects at Thrasher. These projects include several four-lane divided highways, bridges, two-lane roads, and several road widenings throughout the state.

Site development for both public and private clientele has always been an area where Mr. Biller excels. His repertoire of projects within this realm include mass grading, road design, drainage, storm water management, erosion, and sediment control.

Education:

- Bachelor of Science, Civil Engineering - West Virginia University

Registrations:

- Registered Professional Engineer
- States of West Virginia, Ohio, and Pennsylvania

Related Experience Includes:

- **Town of Williamsport Boat Ramp and Site Design Project** - Washington County, Maryland
- **Marion County Economic Development Council Palatine Park Master Plan: Boat Ramp, Parking Improvements, and Splash Park** - Marion County, West Virginia
- **Raleigh County Industrial Park** - Raleigh County, West Virginia
- **Raleigh County Memorial Airport Industrial Park** - Raleigh County, West Virginia
- **Putnam County Business Park** - Putnam County, West Virginia
- **Wolf Creek Industrial Park Bridge** - Fayette County, West Virginia



Robert Milne, PE

Quality Assurance/Quality Control



Robert Milne, P.E. joined Thrasher in 2010 and was named Partner in the firm in 2012. Mr. Milne has over 25-years of experience working throughout the tri-state area. Mr. Milne is the firm's site development manager and is responsible for the over all management of projects including staff supervision, assignments, contract administration, cost control and on-time project delivery.

Mr. Milne is experienced in civil/site design, public utilities, buildings, as well as roadways, highways, bridges, traffic studies and storm sewer design and construction administration and inspection. Prior to joining Thrasher, Mr. Milne was the civil engineer of record for following projects within the Morgantown area: Northside Fire Station, Morgantown Event Center and Parking Garage (TIF), and the WVU Honors Dormitory.

Education:

- Masters of Science, Civil Engineering - West Virginia University
- Bachelors of Science, Civil Engineering - West Virginia University

Registrations:

- Registered Professional Engineer
 - States of West Virginia, Ohio, Maryland, Virginia, and Pennsylvania

Affiliations/Certifications:

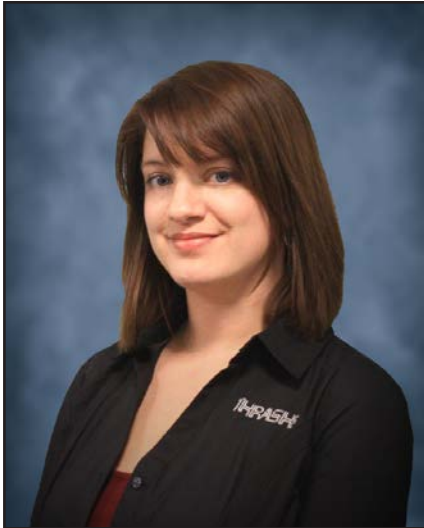
- Leadership Monongalia County, WV
- Foundations of Leadership / National Leadership

Related Experience Includes:

- **West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements** - Marion County, West Virginia
- **Marion County Economic Development Council Master Plan and Splash Park** - Marion County, West Virginia
- **Canal Place Master Plan** - Allegany County, Maryland
- **Boy Scouts of America Welcome Center Site Planning and Master Conceptual Design** - Fayette County, West Virginia
- **WVU Roadways and Parking** - Monongalia County, West Virginia



April Rohrbaugh Project Manager



April Rohrbaugh joined Thrasher in January of 2006 and works as an engineer in the site division of the company. Ms. Rohrbaugh has experience in all aspects of site engineering, taking projects from survey to concept to construction. Her project specialties have a broad reach.

Ms. Rohrbaugh is skilled in conceptual planning for residential, commercial, and recreational developments. She has extensive experience with site and land development engineering as well. She is well-versed in geometric layout of sites, roads, subdivisions, grading, drainage, storm water management, erosion and sediment control, and numerous regulatory agency permitting requirements.

April is an integral part of the Planning and Site Departments thanks to her sharp technical skills and excellent client communication.

Education:

- Bachelor of Science, Civil Engineering - West Virginia University

Related Experience Includes:

- **Town of Williamsport Boat Ramp and Site Design Project** - Washington County, Maryland
- **West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements** - Marion County, West Virginia
- **Town of Loch Lynn Heights Observatory Wetland Boardwalk Trail Design** - Garrett County, Maryland
- **Town of Mountain Lake Park Crystal Springs Walking Trail Design** - Garrett County, Maryland
- **Timberline Four Seasons Resort Expansion & Development**- Tucker County, West Virginia
- **Town of Friendsville Trailhead & Parking Facility** - Garrett County, Maryland
- **Thousand Acres at Deep Creek Lake** - Garrett County, Maryland



David Foster, ASLA

Landscape Architecture and Master Planning



David Foster, Associate ASLA is an instrumental part of the site development and landscape architecture team. Mr. Foster specializes in landscape design, site development, land planning, and recreational planning with a focus on pedestrian vehicular circulation.

David is highly skilled in all aspects of graphic arts and the development of conceptual renderings and materials used for the client marketing of their properties. His proficiency with design software enables him to give clients a visual of their project well before any dirt is ever moved.

Education:

- Bachelor of Science, Landscape Architecture - West Virginia University

Registrations and Certifications:

- American Society of Landscape Architects

Related Experience Includes:

- **West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements** - Marion County, West Virginia
- **Marion County Economic Development Council Master Plan and Splash Park** - Marion County, West Virginia
- **West Virginia University Evansdale Wayfinding and Signage Project**- Monongalia County, West Virginia
- **Bee Run Master Plan** - Braxton County, West Virginia



Sam Rich

Landscape Architecture and Master Planning



Samuel A. Rich joined Thrasher in 2014 as a landscape designer. He has three years of experience in high end residential landscape industry designing landscapes, hardscapes, lighting, and drainage systems. In his time as a designer Samuel has performed various duties including sales, estimating, client consultation, and construction oversight.

In 2011 Samuel worked as an intern for the District of Columbia Office of Planning where he worked with multiple partner agencies to develop historical landscape restoration plans for various National Park Service owned downtown D.C. parks. He worked not only on the design of these parks but presented the designs to the NPS for approval and gave several presentations necessary to secure funding for installation of the pilot project.

Education:

- Bachelor of Science, Landscape Architecture - West Virginia University

Related Experience Includes:

- **West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements** - Marion County, West Virginia
- **Marion County Economic Development Council Master Plan and Splash Park** - Marion County, West Virginia
- **Town of White Hall Pharmacy Parking Lot** - Marion County, West Virginia
- **Town of Bath Green Infrastructure Plan** - Morgan County, West Virginia
- **WVU Milan Puskar Stadium Renovations** - Monongalia County, West Virginia
- **Marriott Hotel Outdoor Renovations** - Montgomery County, Ohio



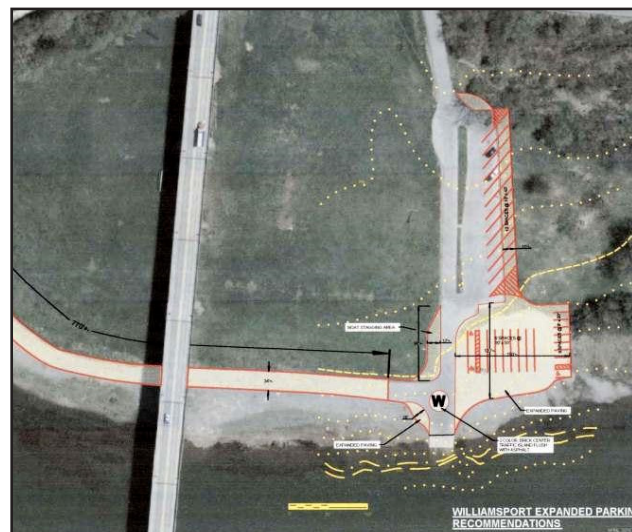
Town of Williamsport, MD

Related Experience

River Bottom Park, along the Potomac River in Williamsport, Maryland was a strategic location for access to the river by boating and canoe enthusiasts, but had fallen into disrepair. Williamsport had received numerous complaints over the years regarding the hazardous condition at ramp which forced boaters to back their boat trailers beyond the concrete ramp and into the stream bed.

Over the years, the erosion caused by the ramp's deterioration created the potential to damage boat trailers. Consequently, many boaters began bypassing the boat ramp. Working with the Town, Thrasher developed plans to revitalize the existing boat ramp, making it a convenient and easily assessable gateway to the Potomac River. Revitalization included various improvements to the ramp such as an extension to the existing ramp to provide adequate water depth for boat launching.

Another part of the revitalization included the addition of a floating dock to provide an area for launched boats to tie-off and boaters to safely load and unload craft. The plan also expanded the parking and vehicular access to the area as well as created a stream buffer between the parking area and the water's edge to promote re-vegetation and to minimize unnecessary erosion of the stream banks. A turnout was created to help boaters more easily launch and retrieve their craft from the Potomac River. These improvements have affected approximately 5000 area boaters and has increased the usage of the area.



Contact:

Town Hall of Williamsport
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Williamsport, MD 21795
301-223-7711
301-223-5305 fax
email: dstotelymer@williamsportmd.org

Project Highlights

- Extended ramp to provide adequate water depth for launching during low water periods.
- Eliminated existing ramp drop off and erosion to river bed
- Floating dock installation for safety
- Parking lot expansion
- Created stream buffer between parking and the water's edge to promote revegetation and minimize erosion of stream banks.
- Turnabout created for easier boat launch and retrieval.

During the summer "low water season" there is not adequate water depth at the end of the existing boat ramp to effectively launch a boat. Thrasher's plans included an extension to the existing ramp to provide adequate water depth for boat launching, which in turn will eliminate the drop-off at the end of the ramp and erosion to the Potomac's stream bed.

Sutton Lake Marina/Bee Run Related Experience

Thrasher was hired to create a 300 acre adventure resort master plan for the Braxton County Development Authority. The master plan included areas of primitive camping, full hook-up RV park, cabins, yurts, a lodge, zip lining, mountain biking, amphitheater, alpine coaster as well as on water activities and a 300 slip marina.

The housing component of the project included a wide range of options from primitive camping to full hook-up RV's and even group camping. Incorporating a wide range of camping options leave the door open for future growth and economic prosper for the adventure destination. The project has been approved by the Army Corps of Engineers and is now in the process of a Phase I environmental impact study.

Contact:

Mrs. Terrell Ellis, Former President
Braxton County Development Authority
220 Days Drive
Sutton, WV 26601
304-342-6972
tbeassoc@aol.com

Project Highlights

- 300 acres within Master Plan
- addition of lodging and several activity areas
- project utilized natural mountainous terrain to maximize the areas potential

Master Plan


Support Images

A



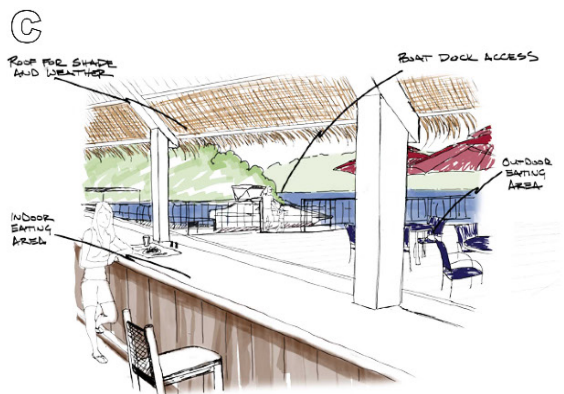
The waterfront cabins will be set off the waters high water mark and set within the existing vegetation to give a private secluded feeling and a buffer from the lake.

B



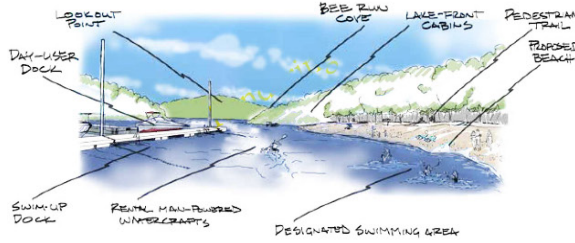
The private dock would be designated for the waterfront cabins. It would allow users to have their own boat slip, while they stay in the cabins.

C




Seasonal restaurant will have open-air and covered sections to allow the restaurant to be used in all weather conditions. The restaurant will also be accessible to boaters by attached docks. The floating restaurant will utilize existing pile anchoring system.

D



The proposed beach location offers an enhanced beach experience. This location allows for a longer beach that is accommodated with a pedestrian trail and parking along the length of the beach. This location has better accessibility and provides a safer swimming environment for the Bee Run user.

E



Once the seasonal boat slips move to the new Marinas location, the existing Marina building can primarily focus on day slips and rentals.

F




Illustration of a typical ADA Fishing Pier. The relocation of the ADA Fishing Pier allows for easier access and better circulation at Bee Run Marina.

Friendsville Gateway to the West Trailhead & Parking Related Experience

Thrasher was selected to provide detailed engineering documents and overall design of Town of Friendsville's on-street bike network. Thrasher helped gain access to Maryland Bikeways funding from the beginning through the use of maps and upfront design work.

The design was created based on our understanding of what Friendsville needed: the promotion of the recreation trail geared toward local users and water access facilities. The plan also focused on Friendsville's need to bring both frequent users and recreational day visitors to the heart of town and bolster local economy. This was achieved through creating on-street bike parking and inviting signage.

Thrasher's plan also included a trailhead, which is a custom three paneled kiosk. Thrasher worked closely with the town to help create informational boards and signage to be displayed on this kiosk.



Contact:

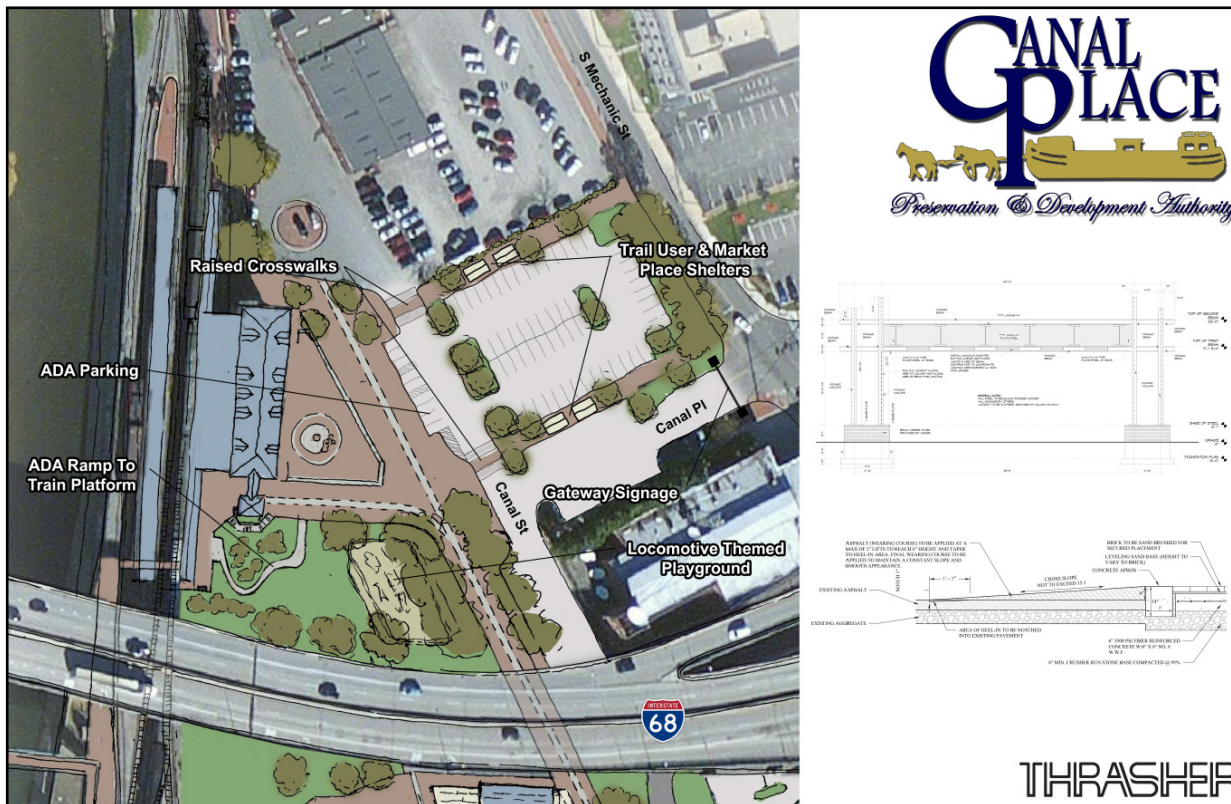
Town of Friendsville
Mr. Spencer Schlosnagle, Mayor
PO Box 9, 313 Chestnut Street
Friendsville, MD 21531
301-746-5919

Canal Place Master Plan

Related Experience

Thrasher was hired by the Canal Place Preservation and Development Authority to design an new outdoor marketplace that is located at the western end of the C&O Canal in Cumberland, Canal Place features the rich heritage of the canal basin and the surrounding area. Since the completion of the Canal Place Management Plan in 1996, the Authority has undertaken major rehabilitation and restoration projects. Some projects have been completed and others are in development.

Maryland's Heritage Areas are locally designated and State certified regions where public and private partners make commitments to preserving historical, cultural and natural resources for sustainable economic development through heritage tourism. In 1993, Canal Place, located in Western Maryland, became the first such designated area in the State.



Contact:

Canal Place Development Authority Board
Ms. Diedra L. Ritchie, Executive Director
13 Canal Street, Room 301
Cumberland, MD 21502
301-724-3655

Project Highlights

- Project is in the construction phase
- The construction of the ADA parking area is shown below and other project improvements are shown in the rendering to the left.



Fairmont State University Roadways

Related Experience

The Fairmont State University Roadway and Parking Lot project included improvements to East and West Campus Drive. These roads serve as the main thoroughfares for vehicular entrance and access to campus. This modification improved traffic flow to campus and facilitated access to future buildings sites. The construction was imperative to support the growth of Fairmont State University. This project included a full relocation effort for the existing site utilities and also designed a major storm water and wastewater collection system. The final road design features the following: turn lanes, traffic circle, sidewalks, handicap accessibility, drainage, parking areas, retaining walls, landscaping and paving.

Contact:

Mr. Tom Tucker, Assist. VP of Facilities
Fairmont State University
1201 Locust Avenue
Fairmont, WV 26554
304-367-4000

Project Highlights

- 2005 Excellence in Construction Award and Design - Associated Builders and Contractors Association of WV
- One of the first traffic circle roundabouts in the state of WV
- Increased maneuverability for all campus traffic



Marion County Economic Development Council Related Experience

Thrasher has had the pleasure of working with The Marion County Commission on the re-development of Palatine Park in Fairmont, WV. During the first phase of this project, Thrasher developed a comprehensive master plan to help guide the County Commission to understand their long term goals for the park. After the master plan was complete, the Thrasher team began the design of a new splash park. The splash park opened in the Spring of 2014 and has quickly become a huge attraction for the community.

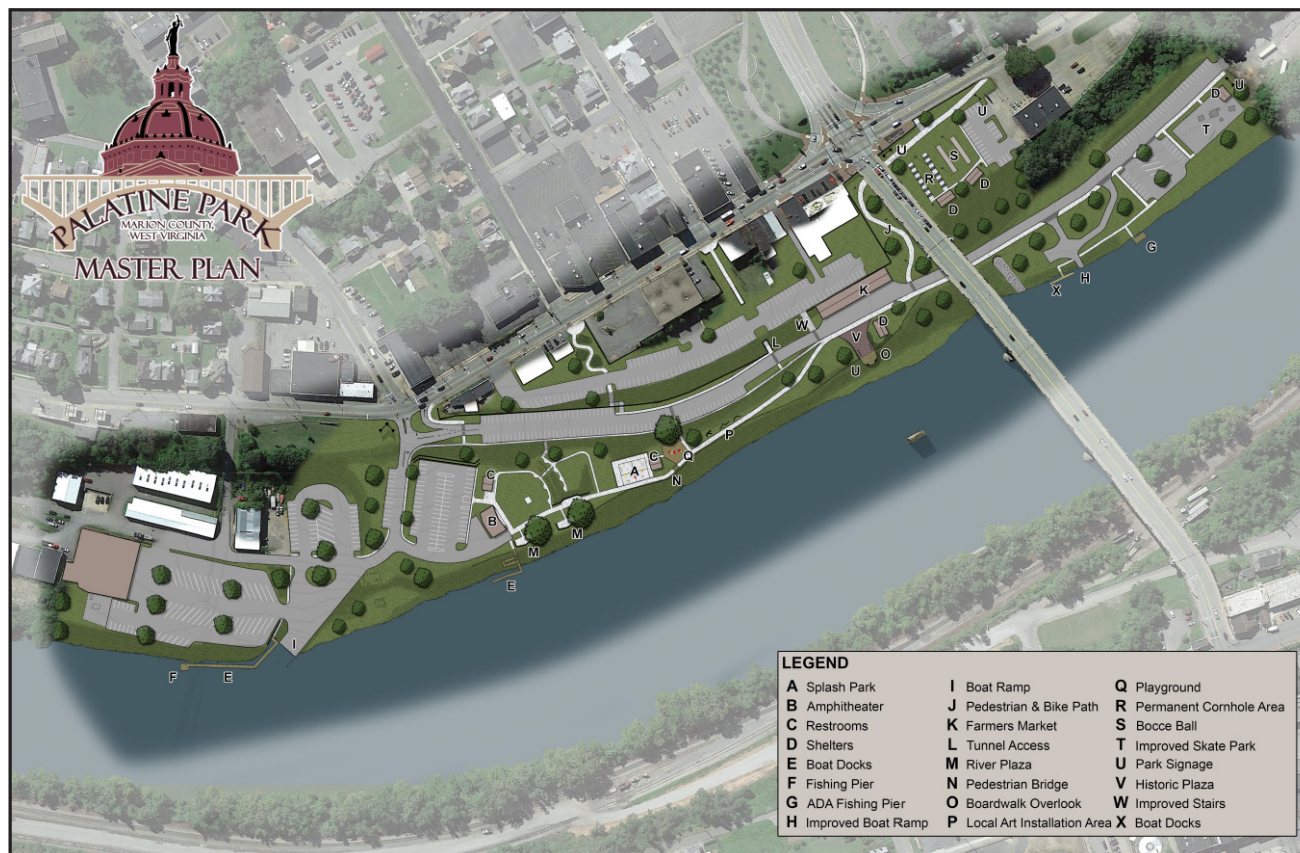
The next phase of the plan was for the design and development of a new WVDNR boat launch ramp. Thrasher has completed the design documents for the boat ramp, and we anticipate that the project will be advertised for construction soon and expect the boat ramp to be operational before the end of 2016.

Contact:

Mr. Charlie Reese, Director
200 Jackson Street
1st Floor, Room 103
Fairmont, WV 26554
304-367-5355

Project Highlights:

- Development of Long Term Master Plan - including recreation and commercial opportunities
- Design of splash park with optional ice skating rink in the winter months
- Design for road realignment to better serve the growing park
- Survey and preparation of topo mapping for WVDNR boat ramp



West Virginia Division of Natural Resources State Park Experience

Chief Logan State Park Conference Center

The Chief Logan State Park was in need of a conference center. Thrasher, as the site development consultant, teamed with an architectural firm and was hired by the West Virginia Division of Natural Resources to provide the State Park with utility, site development and roadway design for the new conference center.

Lost River Wastewater Collection System

The West Virginia Division of Natural Resources hired Thrasher to provide services for a new wastewater collection system for the Lost River State Park. Along with the construction of the wastewater collection system, Thrasher provided erosion and sediment analysis, roadway repairs and the construction of an underground electrical system, eliminating over 49 power poles and 12,400 LF of electrical lines.

Watoga Water and Sanitary Sewer Improvement

Thrasher was able to provide the West Virginia Division of Natural Resources at Watoga State Park with water and sewer system improvements. The Thrasher team provided design and construction services at the park consisting of water line extension and new water treatment facilities. It was important to the Division of Natural Resources to keep the areas of construction with the least amount of disturbance as possible.



References

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