

A&E Services for:
Winfield & Huntington Boating Facilities
CEOI 0310 DNR1700000002



10/26/16 09:35:07
WV Purchasing Division

THRASHER

300 Association Drive | PO Box 2431 | Charleston, WV 25311 | (304) 343-7601



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: 246212

Doc Description: A & E SVC's for Winfield & Huntington Boating Facilities

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2016-09-15	2016-10-26 13:30:00	CEOI 0310 DNR1700000002	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 10-25-2016

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

ADDITIONAL INFORMATION:**Expression of Interest**

The West Virginia Purchasing Division is soliciting Expression(s) of Interest for the Agency, The Division of Natural Resources WVDNR, from qualified firms to provide Architectural/Engineering and other related professional services to design and provide construction contract administration services for design of boat ramps, courtesy docks, access roads, and parking areas at sites located in the Town of Winfield and near the mouth of the Guyandotte River in Huntington, WV, to as defined herein.

*Online submissions are prohibited for Expression of Interest *

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE CHARLESTON WV25305 US	DIVISION OF NATURAL RESOURCES WILDLIFE RESOURCES SECTION 324 4TH AVE SOUTH CHARLESTON WV 25303 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Professional engineering services		

Comm Code	Manufacturer	Specification	Model #
81100000			

Extended Description :

A/E services necessary to design and construct boating facilities in the Town of Winfield into the Kanawha River and in the City of Huntington into the Ohio River.

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.

Jonathan Carpenter Principal
 (Name, Title)
 Jonathan Carpenter, PE - Principal
 (Printed Name and Title)
 300 Association Drive | PO Box 2431 | Charleston, WV 25311
 (Address)
 304-343-7601 (phone) | 304-343-7604 (fax)
 (Phone Number) / (Fax Number)
 jcarpenter@thrashereng.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, Inc.
 (Company)

Jonathan Carpenter Jonathan Carpenter, PE - Principal
 (Authorized Signature) (Representative Name, Title)

Jonathan Carpenter, PE - Principal
 (Printed Name and Title of Authorized Representative)

10-25-2016
 (Date)

304-343-7601 (phone) | 304-343-7604 (fax)
 (Phone Number) (Fax Number)

**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



Authorized Signature

10-25-2016

Date

NOTE: This addendum acknowledgment 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: *Justin Carpenter* Date: 10-25-2016

State of West Virginia

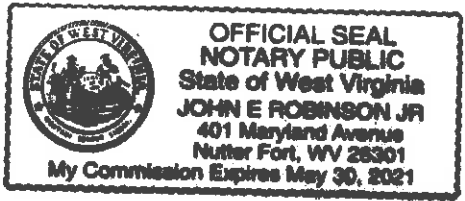
County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 25 day of October, 2016

My Commission expires May 30, 2021, 20

AFFIX SEAL HERE

NOTARY PUBLIC *John E. Robinson Jr*
Purchasing Affidavit (Revised 08/01/2015)



October 26, 2016

Division of Natural Resources
Wildlife Resources Section
324 4th Avenue
Charleston, WV 26305

RE: A&E Services for Winfield & Huntington Boating Facilities

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 prove beneficial to the DNR for several reasons:

- Proven ability to design and execute boat ramps and parking projects,
- Reputation to draw a high volume of bidders,
- Proximity of the Thrasher offices to the project sites.

These are exciting initiatives that will enhance the recreation opportunities within our state. Thrasher wants to be a part of these success stories in Winfield and Huntington!

Sincerely,

THE THRASHER GROUP, INC.



APRIL ROHRBAUGH
Project Manager

THRASHER

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. 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.

Main Point of Contact:

April Rohrbaugh
Project Manager
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



THRASHER

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



THRASHER

Project Approach

Many projects follow similar project approaches which include: field evaluation, site survey, design, permitting, contract documents and bidding, and construction administration. However, Thrasher understands that each site is unique and that the same design process does not always apply across the board. Thrasher excels at evaluating projects in a way that provides our clients with superior technical proficiency. Our team utilizes our past project experience and in-depth understanding of each potential project to successfully take it from concept through to completion.

Thrasher does not just work for a client, we partner with them. This type of working relationship helps ensure projects that are on-time and within budget. Thrasher will work with WVDNR to clearly define the scope of services and establish a project approach for the individual Winfield and Huntington project sites. After an initial project review, you will find a few preliminary key points which Thrasher believes should be taken into account while establishing the project scope and approach on the following pages.



THRASHER

Project Approach

Winfield

The initial site evaluation revealed that though this is a prime location for boat access, there are a few existing features that should be taken into consideration.

- The existing access road is relatively narrow for boat and trailer access and may require widening.
- Multiple utility lines run through the property, especially near the potential access point. There is also an overhead electric line which appears to provide limited head room and may need to be relocated.



Huntington

It appeared that the existing boat ramp is located in an area which requires continual maintenance due to sedimentation of the Gyandotte River. It is believed that the purpose of this RFP is to relocate the ramp to have direct access to the Kanawha River. Design considerations include:

- Environmental concerns for relocation of the existing ramp include potential mussel habitat.
- Possibly re-using the sediment material from dredging the confluence of the Gyandotte & Kanawha Rivers to raise the parking area elevation to reduce flooding frequency.





THRASHER

MASTER PLANNING

MASTER PLANNING

The complexity of park planning requires a thoughtful, rational, and participative process. At Thrasher, we know the success of a Master Plan depends on the efforts of a number of individuals working together to meet the needs of an entire community.

A critical component of park planning is involving the public in the planning process. Engaging the public ensures that ideas, research, conclusions, and recommendations developed by the planning team are fair and accurate.

Thrasher's methodology when it comes to park planning is simple - identify the needs of the people and address them with actions that create inclusive and cost-effective publicly supported park and recreation areas.

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 plan.
- 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



THRASHER

SITE DEVELOPMENT

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



ENVIRONMENTAL SERVICES

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
- Voluntary Remediation Program
- Uniform Environmental
- Covenants Act
- CERCLA Preliminary Assessment
- CERCLA Site Investigation



SURVEY AND MAPPING SERVICES

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 AND MONITORING

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, and on 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
- Pipelines
- 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



Robert Milne, PE
Technical Review - QA/QC

Jonathan Carpenter, PE
Principal-in-Charge

April Rohrbaugh
Project Manager

Sam Rich, Assoc. ASLA
Landscape/Master Planner

Julie Barry, L.R.S.
Senior Environmental Manager

Jeffrey Gola, PE
Roadway/DOH Planning Engineer

Kevin Schaffer, PS
Senior Survey Manager

NGE
Geotechnical Engineering

Jonathan Carpenter, PE

Principal-in-Charge

Jonathan Carpenter, PE is a partner at Thrasher and serves as managing partner of the firm's Charleston, West Virginia location, overseeing engineering and environmental projects. Jonathan joined Thrasher in 1997. During his tenure with the firm, he has focused his design and project management skills on projects within the public utility realm, with emphasis on water and wastewater treatment facilities.

Mr. Carpenter's work as Project Manager and/or Project Engineer in this area has earned numerous awards from the American Council of Engineering Companies (ACEC).

As a Project Manager, he is responsible for the oversight of all technical design aspects in addition to regulatory and funding processes. Jonathan is highly adept in client communication, project scheduling and financial aspects to ensure on-time and on-budget quality projects.

Education:

- Bachelors of Science, Civil Engineering - University of Tennessee

Registrations:

- Registered Professional Engineer
 - West Virginia and Maryland

Related Experience Includes:

- **City of Milton Water Treatment Upgrade** - Cabell County, West Virginia
- **Buffalo Creek PSD Water Treatment Plant Upgrade** - Logan County, West Virginia
- **Mingo County PSD Water Treatment Plant** - Mingo County, West Virginia
- **WVDEP Abandoned Mine Lands** - Mingo County, WV



Robert Milne, PE

Technical Review - QA/QC

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:

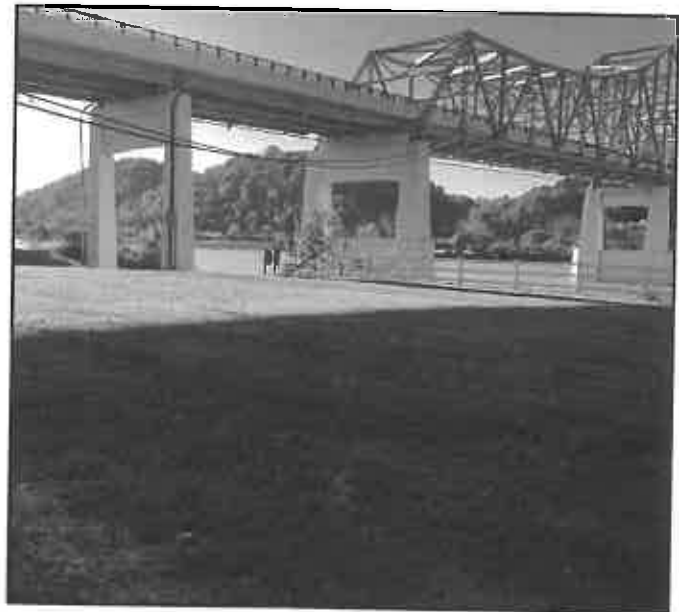
- Registered Professional Engineer
 - States of West Virginia, Ohio, Maryland, Virginia, and Pennsylvania

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:

- **West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements** - Marion County, West Virginia
- **Town of Williamsport Boat Ramp and Site Design Project** - Washington County, Maryland
- **Town of Loch Lynn Heights Observatory Wetland Boardwalk Trail Design** - Garrett County, Maryland
- **Town of Mountain Lake Park Crystal Springs Walking Trail Design** - Garret 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



Sam Rich, Assoc. ASLA

Landscape/Master Planner

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



Julie Barry, L.R.S.

Senior Environmental Manager

Julie Barry joined Thrasher in 2016 and serves as the Senior Environmental Manager. She brings over ten years experience to Thrasher's environment department. Julie is an LRS certified geologist with extensive work on scientific initiatives designed to identify environmental exposures, clean up waste, mitigate environmental risk, minimize future pollution, improve environmental sustainability, and meet government and industry regulatory compliance.

Julie takes pride in her ability to provide cost effective compliance with environmental laws, rules, regulations, directives and agreements for clients working with local, state and federal agencies throughout the Mid-Atlantic region.

Education:

- Bachelors of Science, Geology - West Virginia University

Registrations:

- Licensed Remediation Specialist, WVDEP No. [REDACTED]

Affiliations/Certifications:

- OSHA HAZWOPER 40 hour and Subsequent Annual Refreshers
- MSHA 24 hour
- 38 hour USACE Wetland Delineation Training and Regional Supplement

Related Experience Includes:

- **Phase I ESA's** - completed over 200 Phase I ESA's consisting of historical research, records review, interviews, and executed field work to determine business environmental risks and recognized environmental conditions for commercial properties in accordance with the ASTM standard E1527-97, ASTM standard E1527-05 and ASTM standard E1527-13. Representative projects include sites in TX, MD, OH, PA, and WV.
- **Phase II ESA's** - completed 50 Phase II ESA's consisting of executed field work to determine the likely presence of hazardous substances and petroleum products in the environmental media (i.e., surface soil, subsurface soil, groundwater, surface water, sediment, & air) in accordance with ASTM Standard E1903-97 and ASTM Standard E1903-11. Representative projects include sites in TX, MD, OH, PA, and WV.



Jeffrey Gola, PE

Roadway/DOH Planning Engineer

Jeff Gola, PE has built a successful portfolio of highway, community improvements, airports and commercial site development projects. He is experienced in all aspects of project control, form design and drafting to construction and project oversight. Jeff has an excellent understanding of bid processes and construction inspection.

Jeff's expertise in designing and planning roadways, bridges, sidewalks, retaining walls, utility plant structures, storm water management and demolition plans is exceptional. He has first hand knowledge in obtaining permits and their requirements. His understanding of erosion and sediment control make him an excellent project manager.

Education:

- Bachelor of Science, Civil Engineering - West Virginia University

Registrations:

- Registered Professional Engineer
 - States of West Virginia and Maryland

Affiliations/Certifications:

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

Related Experience Includes:

- WVDOH Indian Fork Bridge - Gilmer County, West Virginia
- WVDOH Cameron Road Widening - Marshall County, West Virginia
- WVDOH Corley Bridge - Braxton County, West Virginia
- WVDOH Bridgeport Hill Drainage Project - Harrison County, West Virginia
- McDonald's Corporation Drainage Study - Harrison County, West Virginia
- Raleigh County Memorial Airport Industrial Park Roadway and Drainage (100 Acre Industrial Park) - Raleigh County, West Virginia
- Benedum Airport Authority Grading, Drainage, and Erosion and Sediment Control Project - Harrison County, West Virginia



Kevin Schaffer, PS

Senior Survey Manager

Mr. Schaffer has over twenty (28) years of experience in the field of surveying. His areas of expertise include; easement and right-of-way surveys, as-built surveys, subdivision design and layout, construction and site surveys, topographic surveys, water and sewer line surveys, boundary surveys, accident surveys, oil and gas surveys, ALTA/ASCM Land Title Surveys and GPS surveying. He has given expert testimony in court cases in Putnam, Nicholas, and Kanawha counties. His responsibilities include; management, supervision and development of staff for all surveying projects.

Mr. Schaffer has obtained a vast experience in the both the field and office aspects of surveying. He is very knowledgeable in area of computer mapping using AutoCAD products. Along with his surveying experience he has also worked on WVDOH projects, Delaware D.O.T. projects, Virginia D.O.T. projects, AML reclamation projects, hazardous waste site projects and bridge projects.

Education:

- Valencia Community College, Orlando, FL

Registrations:

- Registered Professional Surveyor (PS)
 - West Virginia, Kentucky

Related Experience Includes:

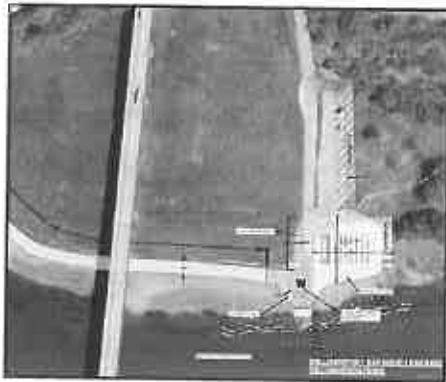
- **Boundary Surveys** - Completed over two thousand boundary surveys throughout the State of West Virginia.
- **West Virginia-American Water Company** - Charleston, West Virginia- Surveys for the construction of Plant Sites, Tank Sites, and Booster Stations, throughout the state.
- **South Charleston Annexation Survey** - Kanawha County, West Virginia - Research, field work, drafting for annexation plat for the Southridge Centre area addition to the corporate limits of the City of South Charleston.
- **Woodbridge Subdivision** - Charleston, West Virginia - Design, plans and layout based upon field survey of over 200 acres. Assisted with the preparation of the Subdivision plans and was responsible for the survey crews setting property corners.



Town of Williamsport, MD

Boat Ramp Revitalization Project

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 turnabout 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
Mayor James G. McCleaf II
2 North Conococheague Street
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 re-vegetation and minimize erosion of stream banks.
- Turnabout created for easier boat launch and retrieval.

Sutton Lake Marina/Bee Run Master Plan

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.

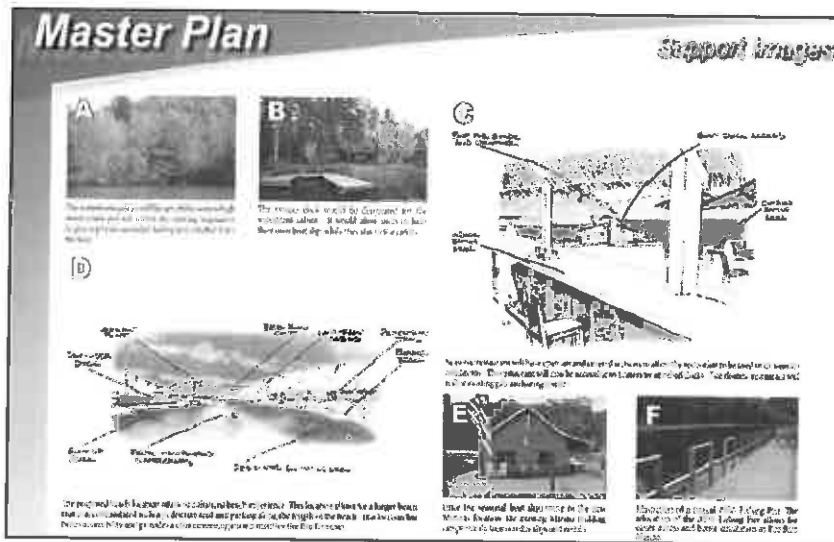
The housing component of the project included a wide range of options from primitive camping to full hook-up RV's and even group camping. Incorporating a wide range of camping options leave the door open for future growth and economic prosper for the adventure destination. The project has been approved 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



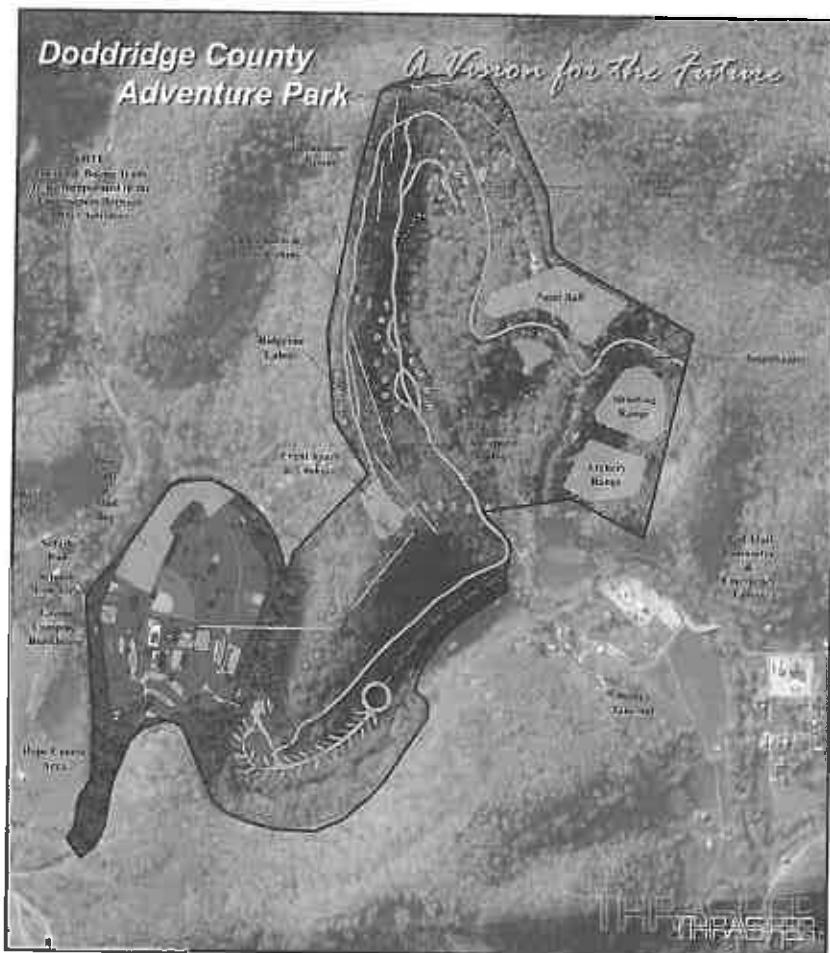
Doddridge County Adventure Park Access Road and Bridge

Thrasher worked closely with the Doddridge County Park Board to develop a vision and master plan for the park. The master plan for the 234 acre area included cabins, camp sites, amphitheater, zipline course, a disc golf course and much more.

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. The bridge is pictured below along with the master plan.

Contact:

Mr. Greg Cottrill, Director of
Doddridge County Parks
PO Box 426
West Union, WV 26456
304-873-1663
greg.cottrill@
doddridgecountyparks.org



Friendsville Gateway to the West Trailhead and Parking Project



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.

Contact:

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

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.



Marion County EDA & WVDNR Palatine Park Boat Ramps and Parking

Thrasher has had the pleasure of working with both the Marion County EDA and the West Virginia DNR on rehabilitation of an existing boat ramp and the addition of a new 3 lane boat ramp at Palatine Park in Fairmont, WV. For the EDA, the first phase of this project involved Thrasher developing 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.

Most recently, Thrasher has been working with the Marion County EDA and the West Virginia DNR on existing and a new boat ramp projects, respectively, at Palatine Park. The revitalization of the existing single lane boat ramp, parking area and access at the western end of Palatine Park was designed and constructed Spring 2016. This was completed as part of Phase III of Palatine Park extension with the Marion County EDA. The new boat ramp facility project with the WVDNR began construction in early fall 2016 and is projected to be complete by the end of the year. This project features a new 3-lane boat ramp, parking and is fully ADA accessible.



West Virginia DNR New 3 Lane Boat Ramp Construction

Contact:

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

Mr. Zach Brown
West Virginia DNR

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



White Oaks Blvd. & Route 131 Road Extension and Widening

The Thrasher Group designed a 2,200 linear foot road extension to create a new entrance/exit point into White Oaks Business Park. This new road connects to Saltwell Road, providing continuous access from one side of White Oaks at Saltwell to the other side on Jerry Dove Drive.

As part of this project, a section of Route 131 had to be widened and a new turning lane added that disperses traffic off the hill.

This multi-million dollar project was completed on schedule and will opened before the 2015 holiday season. This new entrance/exit to the business park has given hundreds of people working within the development an alternate route, alleviating much of the congestion along Jerry Dove Drive.

Contact:

Mr. Woody Thrasher, PE
High Tech Corridor
Development
PO Box 940
Bridgeport, WV 26330
304-669-8664



THRASHER

References

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