

THRASHER

WV DNR Wildlife Resources Elk River Boating Access Sites



THRASHER

June 14, 2017

Bid Clerk
Department of Administration
Purchasing Division
2019 Washington St E.
Charleston, WV 25305

RE: Architect / Engineering Services - Improvements to Five Boating Access Sites

We are excited for the opportunity to submit this Expression of Interest. 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 West Virginia 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 creating boating access sites suitable for boating, kayaking and canoing along the Elk River will be a great addition to the community. As a result of this, we have assembled a team that is experienced with boat ramp design.

The selection of Thrasher will prove beneficial to these projects 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.

This is an exciting initiative that will enhance the recreation opportunities within our state. Thrasher wants to be a part of these success story's in West Virginia!

Thank you for considering the Thrasher Team. We look forward to your positive reception of our proposal and to meet with you to further demonstrate the commitment, dedication and support we will bring to the state of West Virginia.

Sincerely,
The Thrasher Group, Inc.



Robert R. Milne, PE
Senior Project Manager

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: [Signature] Date: 6/14/2017

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 14 day of June, 2017.

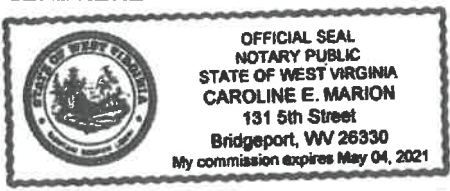
My Commission expires May 4, 2021.

AFFIX SEAL HERE

NOTARY PUBLIC

[Signature]

Purchasing Affidavit (Revised 08/01/2015)



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

[Signature]
Authorized Signature

6/14/2017
Date

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

The Thrasher Group, Inc.

With a commitment to building business through “successful projects and repeat clientele”, H. Wood Thrasher, PE and the late Henry A. Thrasher, PE - formed Thrasher Engineering, Incorporated in Clarksburg, West Virginia in 1983. Since that time, the company, now known as The Thrasher Group, Inc. has grown into one of the mid-Atlantic Region’s largest full-service privately-owned architectural and engineering firms.

Publicly funded projects have been the backbone of the company, and continue to be a large part of our engineering division. Thrasher has grown from its original three employees to a current staff of over 350 and continues to prosper. Instilled in each employee is a commitment to maintaining the highest standards of professional service.

Based upon Thrasher’s success with site development and engineering design services, architectural design was added to Thrasher’s ever-expanding scope of services at the urging of their clients. The latest complement to the Architecture Division are master planning and landscape architecture. Thrasher has grown from its original three employees to a current staff of nearly 350 and continues to prosper. Instilled in each employee is a commitment to maintaining the highest standards of professional service; a tribute to the founders’ initial philosophy of

“Successful Projects and Repeat Clientele.”

Main Point of Contact:
Robert R. Milne, PE
Project Manager
600 White Oaks Boulevard
P. O. Box 940
Bridgeport, WV 26330
Phone: 304-326-6141
email: rmilne@thrashereng.com

Office Locations:
Bridgeport, WV
Charleston, WV
Beckley, WV
Oakland, MD
Fredericksburg, VA
Canton, OH
Lexington, KY

Thrasher Information:
Incorporated in 1983
www.thrashereng.com

The Thrasher Group, Inc. - Bridgeport, WV



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

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

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.

Communication throughout any project is a primary key to a successful project! Upon notification of award our communication procedure will begin with the WVDNR. We will maintain this line of communication throughout the project in an effort to avoid surprises to the owner, contractor, engineer, and ultimately the end user the citizens of West Virginia.

1. State of WV awards project to Thrasher
2. Thrasher's Project Manager will contact the WVDNR to set up a project scoping meeting.
3. Following project scoping meeting Thrasher will submit a detailed proposal identifying our scope of services and proposed fee for the project, as well as project design schedule.

Communication during Design

Prior to the initiation of the design services, Thrasher's Project Manager will discuss with the DNR's point of contact how communication during the design phase of the project will be handled. Updates during the design phase can occur in numerous ways weekly status updates via email, conference calls, and monthly progress meetings. Our project teams are well versed in keeping our clients abreast of project status during the design phase in numerous ways, and we tend to customize communication during the design phase to our clients desires.

Communication during Construction

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 DNR's construction representative on a weekly basis.

Prior to the start of construction, Thrasher's project manager will meet with the DNR's field rep to determine how communication throughout construction phase of the project will be handled to ensure that DNR is well informed throughout the construction project.

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 the Parks and Recreation to clearly define the scope of services and establish a project approach for the individual boating access 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:

Project Approach

The Thrasher Group has a long history of completing projects on-time and within budget throughout the Tri-State Area. Throughout this response we have highlighted several projects that illustrate our experience, and our detailed project approach is a test proven plan to complete projects on schedule and on-budget.

Thrasher will establish a design kick-off meeting with the WV DNR 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

We 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 plans for the park and additional amenities the park may be incorporating in the future.

Step 2 – Creation of Base Mapping

- Thrasher will use base mapping provided by the city. 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 deed research, to create a property mosaic of the project area.
- Thrasher will field verify the property mosaic to create a property map 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 designs of the projects identified during the kick-off meeting.
- Thrasher's engineers and landscape architects will walk the property and identify potential problem areas and design solutions for siltation, boat ramp, water level fluctuation. Parking and circulation as well as ADA accessibility will be reviewed with the town.
- 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, boat ramp site selections, vehicles and pedestrian traffic concerns, and adjacent property 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 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. Our project team will prepare our design repairs with the adjacent property owners in mind. 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.

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 completed later in the summer of 2017. 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 top mapping for WVDNR boat ramp



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

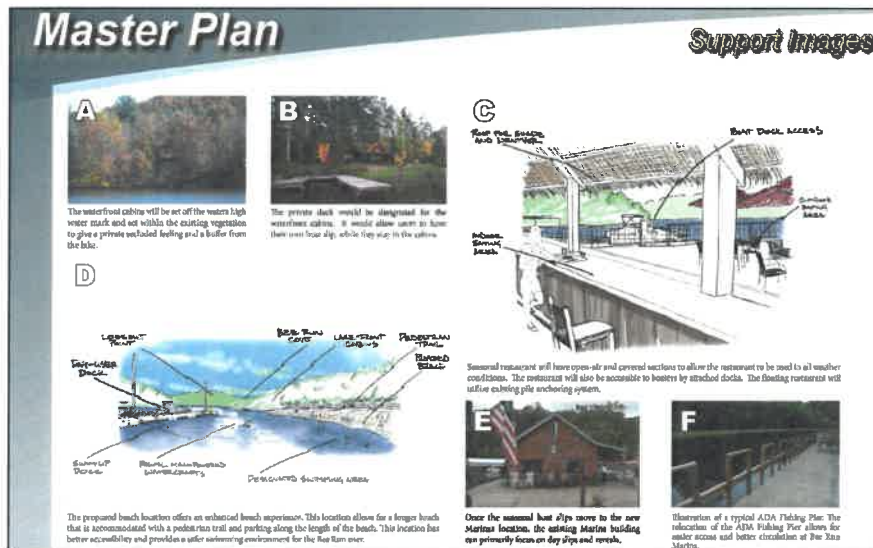
Thrasher was hired to create a 300 acre adventure resort master plan for the Braxton County Development Authority. The master plan included areas of primitive camping, full hook-up RV park, cabins, yurts, a lodge, zip lining, mountain biking, amphitheater, alpine coaster as well as on water activities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



Town of Loch Lynn Heights

Wetland Boardwalk Trail

The Town of Loch Lynn Heights in Garrett County, Maryland was looking to add a trail system to the town that would extend for the existing town park to other areas in the community. This trail system provides a safe and enjoyable way to educate the populous of wetlands and the importance of improving them, since the site of most of the trails follows wetland areas in Loch Lynn.

Thrasher Engineering took on this project with great excitement to provide the community with a great trail system that is educational and recreational at the same time. Interpretive signage along the trail provides walkers descriptions of the local wetlands, flora and fauna that inhabit the area. Also included in this project is a boardwalk across part of the wetlands which allows foot traffic to cross the wetlands without disturbing the natural habitat. A portion of the continuous loop of trail has built on-grade and is within floodway of the Little Youghiogheny River. This will allow town members and visitors a unique and diverse trail system to enjoy.



CONTACT:

Town of Loch Lynn Heights
Ms. Carolyn Corley, Mayor
211 Hill Street
Loch Lynn Heights, MD 21550
301-334-8339

Marion County EDA

Palatine Splash Park & Natural Playground

Thrasher has had the pleasure of working with the The Marion County Economic and Community Development Council on the re-development of Palatine Park in Fairmont. Thrasher created the overall master-plan and vision for the park. Building on the success of the amphitheater, Thrasher, working with the West Virginia Department of Natural Resources and the Development Council helped seek funding and conceptualize a new boat launch area.

This project has consisted of developing the splash park, restroom facilities and parking. The splash park was completed and opened in the summer of 2014. Additional plans for Palatine include a boat launch ramp which is under construction now, a pavilion, playground and general recreation facilities for the citizens of Marion County and surrounding regions. Thrasher is also working on a Connectivity Plan for the City of Fairmont which includes several walking and hiking trails intended to encourage foot traffic and make getting around the City possible without vehicular transportation.



CONTACT:

Marion County Economic
Development Authority
Mr. Charlie Reese, Director
200 Jackson Street
1st Floor, Room 103
Fairmont, WV 26554
304-367-5355
creese@marioncountywv.com

Project Team



WV DNR

Mike Nestor, PE
QA/QC

Robert Milne, PE
Project Manager

RJ Hovatter
Deputy Project Manager

Sam Rich, Assoc. ASLA
Landscape/Master Planner

Steve Hegedis
Project Engineer

Shelby Hinterer
Staff Engineer

Thrasher-in-House
Survey Servies

Thrasher-in-House
Construction Administration Servuces

Robert Milne, PE

Project Manager



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 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.

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
- West Virginia University - Evansdale Pedestrian Improvements - Monongalia County, West Virginia
- Westridge Development 800-Acre Industrial and Commercial Site Development Project - Monongalia County, West Virginia
- WVU Milan Puskar Stadium Renovations - Monongalia County, West Virginia

Mike Nestor, PE

QA/QC



Michael Nestor, PE, joined Thrasher in 2005 and has over 15 years of experience in the development of large commercial and industrial sites. Mr. Nestor has been involved in numerous site development endeavors within the State of West Virginia where he has been tasked with designing site layouts, infrastructure design including street and lot layout, street profiles, and the extension of public utility systems to these developments.

Mike's knowledge of navigating the West Virginia regulatory and permitting agencies has also proven to be a huge asset to his clients. Mr. Nestor is able to help clients move projects from design to construction at a rapid pace. His ability to assess sites and develop strategic designs ensures that clients do not run into unforeseen issues when entering the construction phase. In addition to Mike's talents for designing industrial and manufacturing sites, he has also garnered years of experience designing some of the most complicated and expansive stormwater management systems in the state. Mr. Nestor has worked with both public and private clients to solve stormwater issues and bring project sites into complete State and Federal compliance.

Education:

- Bachelor of Science, Civil Engineering Technology - Fairmont State University

Registrations:

- Registered Professional Engineer
 - State of West Virginia

Affiliations/Certifications/Trainings:

- Past President of the North Central WV Chapter of American Society of Highway Engineers
- American Society of Civil Engineers

Related Experience Includes:

- Westridge Development 800-Acre Industrial and Commercial Site Development Project - Monongalia County, West Virginia
- Baker Hughes Industrial Site Development - Stark County, Ohio
- American Woodmark Facility Site Development - Hardy County, West Virginia
- Raleigh County Memorial Industrial Park - Raleigh County, West Virginia
- Wood Products Industrial Park - Mingo County, West Virginia
- Nicholas County Industrial Park - Nicholas County, West Virginia
- White Oaks Business Park Development - Harrison County, West Virginia
- Charles Pointe Development - Harrison County, West Virginia
- Fairmont State University 10 Year Open-End Contract - Marion County, West Virginia
- Pinecrest Business and Technology Park - Raleigh County, West Virginia
- Wolf Creek Park "Live, Work, Play" Community - Fayette County, West Virginia

RJ Hovatter

Deputy Project Manager



Richard “R.J.” Hovatter joined Thrasher in 2011 and serves as Project Manager for the firm. Mr. Hovatter is a graduate of Fairmont State University and has extensive knowledge of the engineering field through education and previous experiences. Mr. Hovatter is responsible for reviewing and combing through all environmental reports pertaining to Antero Resources projects. Mr. Hovatter is also tasked with addressing any and all concerns the Antero staff may have with projects and personnel. RJ’s impeccable interpersonal skills and precise attention to detail make him a much sought after Project Manager.

As Project Manager, Mr. Hovatter has completed numerous site and grading designs, storm water plans, and dozens of erosion and sediment control plans for Antero Resources. His work in conjunction with the Antero staff has resulted in repeatedly successful projects from start to finish.

Education:

- Bachelor of Science, Civil Engineering - Fairmont State University

Registrations:

- Registered Professional Engineer (PE)
 - States of West Virginia and Pennsylvania

Affiliations/Certifications:

- Level I Rosgen Natural Stream Construction
- Level II Rosgen Natural Stream Construction
- HEC—RAS Operator Training Short Course
- Annual Oil & Gas Training Pennsylvania—Expedited Review of ESCGP-1
- MSHA Training

Related Experience Includes:

- Westridge Development 800-Acre Industrial and Commercial Site Development Project - Monongalia County, West Virginia
- Parsons Splash Park - Parsons, West Virginia
- West Virginia DNR Palatine Park Master Plan: Boat Ramp and Parking Improvements - Marion County, West Virginia
- Chaplin Hill Business Park - Pad - NPDS Permit - Monongalia, West Virginia

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

Steve Hegedis

Project Engineer



Steve Hegedis joined Thrasher in August of 2016. Mr. Hegedis has a lot of experience in Site Design, Stormwater Design, and Engineered Natural Systems(ENS) Design.

He is also a licensed general contractor in WV, which gives him a great perspective on the design so that it is accurate and ready to build.

Steve also has intensive experience with NPDES Permitting and enjoys working on Commercial Site Design.

Education:

- Bachelors Degree in Environmental Resource Management - Penn State, Pennsylvania

Affiliations/Certifications:

- Safeland
- OSHA 10

Related Experience Includes:

- Industrial Park Site Design NPDES Form- Doddridge County, West Virginia
- Rt 50 Site Design, Stormwater Design E&S - Harrison County, West Virginia
- Westridge Development - Stormwater - Phase IV - Monongalia County, West Virginia
- Hatfield McCoy Regional Recreation Authority - Site Design- Stormwater design for trailhead & Welcome Center - Logan County, West Virginia
- Chaplin Hill Business Park - Pad - NPDS Permit - Monongalia, West Virginia

Shelby Hinterer

Staff Engineer



Shelby Hinterer started at Thrasher in July of 2016 as a Project Representative in the construction department. While she was a Project Representative she also worked as an inspector testing compaction and making cylinders. In September of 2016 she began performing erosion and sediment inspections on pipelines and various oil/gas sites. Shelby worked in the field until January of 2017 when at that time she came into the office working as a staff engineer.

Education:

- BS in Petroleum and Natural Gas Engineering minoring in Environmental Protection - West Virginia University

Certifications/Affiliations:

- Society of Women Engineers
- Society of Petroleum Engineers
- Mineral Resources WVU Alumni Association
- OSHA 10
- ACI Concrete Field Testing Technician- Grade 1
- Transportation Engineering Technician Level 3

Related Experience Includes:

- Kia Pad(Bridgeport) – Field Representative - Harrison County, West Virginia
- Westridge Phase IV, COntact 2 Site Grading and Utilities - Monongalia County, West Virginia
- City of Bridgeport, waterline extension - Harrison County, West Virginia



NGE - Company Overview

Award winning services for over a decade

NGE is an award winning environmental and geotechnical engineering consulting firm. For more than a decade, NGE has been providing exceptional services to a variety of clients across the nation. NGE is an Economically Disadvantaged Woman Owned Small Business (EDWOSB) and is also certified as a Disadvantaged Business Enterprise (DBE) by various states. Our professional staff includes engineers, geologists, and environmental scientists with most staff members holding professional licenses and registrations. NGE's environmental consulting practice is focused on effective solutions and ethical decisions with proven expertise in the following areas:

- Multi- Media Compliance Auditing
- Permitting, Reporting, and Plan Development
- Environmental Management Systems Design and Implementation
- Environmental Due Diligence and Site Assessments
- Operation and Maintenance of Remedial Treatment Systems
- Management of Environmental Aspects of Facility Construction

NGE's geotechnical engineering practice excels in providing clients with practical and economic solutions to a variety of geotechnical issues. The geotechnical services provided include:

- Geotechnical Engineering
- Subsurface Investigations
- Drilling & Sampling
- Foundation and Earthwork Analysis & Design
- Retaining Wall Design
- Construction Inspection Services
- Laboratory Testing Services

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THRASHER

John Nottingham, PE, PS

President / Principal Engineer



Mr. Nottingham currently serves President & Principal Engineer for NGE. In this capacity, he has served as lead Geotechnical Engineer on a variety of government and commercial design and construction projects. His responsibilities on these projects include direction and coordination of all geotechnical engineering activities. Duties on these projects have included foundation investigation report production, foundation and retaining wall design, fill embankment and cut slope design, slope stability analysis, pavement design, design of drainage systems, supervision of subsurface drilling programs, field activity coordination, laboratory data computation and processing, performance of field work, client relations, and supervision of technical and professional staff.

Education:

- B.S., Civil Engineering, West Virginia University - 1987
- M.S., Civil Engineering, West Virginia University - 1995


Registration/Certifications

- Registered Professional Engineer in West Virginia, Pennsylvania, Maryland, Virginia, and Ohio.
- Registered Professional Surveyor in West Virginia.

Fields of Competence

- Highway & Airport Geotechnical Design
- Bridge & Building Foundation Analysis
- Subsurface Investigations
- Site Development Earthwork Design
- Slope Stability Analysis
- Landslide Analysis & Remedial Design
- Retaining Wall Design
- Reinforced Soil Slope Design
- Mine Subsidence Investigations
- Forensic & Insurance Investigations
- Construction Monitoring
- Personnel Management
- Project Management (schedule and budget)
- Project Estimating

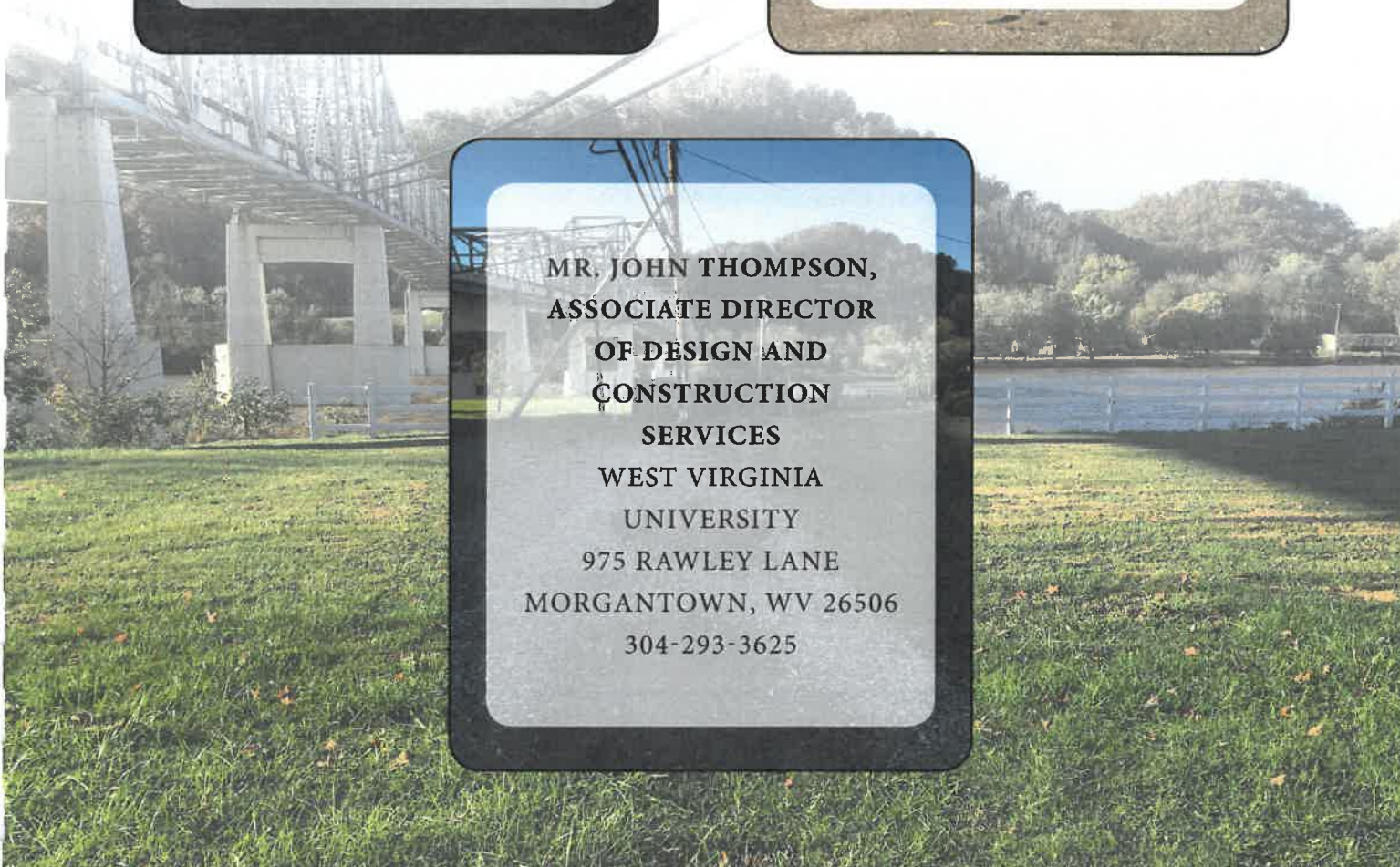
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