

# THRASHER

ARCHITECTURE | ENGINEERING | FIELD SERVICES



## RICHARD MINE DESIGN ACCESS

CEOI 0313 DEP1900000005

Submitted by:  
The Thrasher Group, Inc.  
October 9, 2018



October 9, 2018

Attn: Jessica Chambers  
2019 Washington Street East  
Charleston, WV 25305

*RE: EOI - Richard Mine Drainage Access - CEOI DEP1900000005*

Dear Ms. Chambers and Selection Committee Members:

The Thrasher Group, Inc. is pleased to present our qualifications to the West Virginia Department of Environmental Protection (DEP) for the Richard Mine Drainage Access. We understand how important this project is to the local community and the tireless efforts already put in from members of various organizations associated with the site. Thrasher wants to help continue the initiative of improving Deckers Creek by designing and constructing an access bridge. Our understanding is that the DEP will be providing services related to AML cleanup.

We have a long-standing history of completing projects in this area and have designed similar bridges according to the project scope. Our team feels confident that we are the right choice for your project. Our interest in this project dive deeper than what the scope is. Thrasher has invested time and knowledge to local organizations in the area with cleanup efforts on Deckers Creek. We want to continue those efforts and help with the long-term success of this project.

The DEP needs a partner like Thrasher who not only knows AML but is an expert when it comes to bridge designs and creating a reliable bridge capable of carrying all legal highway loads. We recognize the importance of the efforts of cleaning up Deckers Creek from the Richard Mine. We look forward to further speaking with you about the needs of this project.

Sincerely,  
THE THRASHER GROUP, INC.



RJ Hovatter, PE  
Project Manager

## MISSION

To improve the communities where we live and work by driving infrastructure development.

## VISION

To be the Mid-Atlantic firm of choice for clients and employees.

## CORE PRINCIPLES

Quality  
Safety  
Adaptability  
Integrity



# 35

**YEARS**  
of delivering  
successful  
projects



# 580+

**EMPLOYEES**

**34** Licensed  
Professional Engineers

**20** Licensed  
Professional Surveyors

**6** Licensed  
Professional Architects



# 9

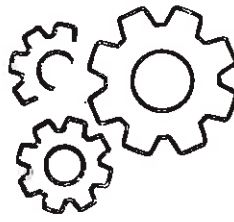
**OFFICES**  
in six states:

West Virginia  
Virginia  
Pennsylvania  
Ohio  
Maryland  
Kentucky

### Main Point of Contact

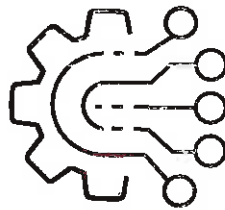
RJ Hovatter, PE  
Project Manager  
rhovatter@thethrashergroup.com  
Cell: 304-669-6848  
Office: 304-205-8809





## SERVICES

- > Engineering
- > Construction Administration and Monitoring
- > Environmental
- > Survey
- > Architecture
- > Materials Testing and Inspection
- > Planning
- > Funding Direction and Application Assistance
- > Cost Estimating



## CORE MARKETS

- > Highways and Roads
- > Land Development
- > Oil and Gas
- > Public/Private Utilities
- > Industrial
- > Commercial
- > Education (K-12, Higher Ed)





## TRANSPORTATION

Thrasher has accrued the staff and resources to assist clients of all sizes in a wide array of transportation issues. Our experience covers all facets of transportation engineering from initial planning and environmental studies through construction. No matter what the mode of transportation, Thrasher gets our clients where they want to be.

We currently serve clientele ranging from local towns and communities to state and government agencies. From project initiation through final design, Thrasher can provide the expertise necessary to make your highway, street, bridge, sidewalk, or parking facility a reality.

### Transportation Services:

- > Bridge Design - New Structures, Replacements, and Rehabilitation
- > Interchange Design
- > Frontage Road Design
- > Industrial Access Roads
- > Sidewalks and Streetscapes
- > Municipal Street Re-Surfacing
- > Preliminary and Final Highway Design
- > Roadway Widening
- > Traffic Studies
- > Hydrology and Hydraulic Studies
- > Pavement Evaluation
- > Parking Studies and Lot Design
- > Stormwater Management Facilities Design
- > Right-of-Way Mapping
- > Construction Phase Services



## CIVIL ENGINEERING

### Water Treatment & Distribution

Thrasher brings experience, practical knowledge and advanced z to clients ranging from regional to small communities water systems. Our engineers have designed and managed the construction of hundreds of miles of water distribution lines, millions of gallons of storage, and numerous system rehabilitations that successfully reduced water loss and increased reliability.

### Wastewater Collection & Treatment

Wastewater collection and treatment systems are vital to the health of rural communities and municipalities. Cost-versus-benefit Environmental, and technological issues are all involved

### Stormwater Systems

Thrasher is prepared to take on challenges to make your stormwater management project a success. In the not so distant past, storm water management was not a significant issue. It was "out of sight, out of mind." That is no longer the case. Ever-increasing regulations, the creation of public storm water utilities, and the focus on downstream effects of development are pushing stormwater management issues to the forefront.

### 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 combined with quality planning principles, efficient design, market realities, and flexibility to seize opportunities. With our diverse staff, Thrasher has the right blend of talent to make your project a success.

### Roadways & Bridges

From industries to local families, the nation depends on the strength of highways, bridges, and even pedestrian walkways. No matter what the mode of land transportation, Thrasher gets our clients where they want to be.



## 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
- > Ecological Studies
- > Brownfield Redevelopment
- > Industrial Hygiene and Demolition Planning
- > Underground Storage Tank (UST) Consulting Services
- > Wetland Delineation, Design, and Mitigation
- > Remediation Investigation, Feasibility Studies and Design
- > Hydrogeologic and Geologic Investigations
- > Groundwater Monitoring
- > Sampling and Laboratory Analysis
- > Solid and Hazardous Waste Management
- > SPCC, GPP, SWPPP, GWPP, SWPPP Environmental Compliance
- > Stream Assessments, Design, and Mitigation
- > Erosion and Sediment Control Plans
- > Voluntary Remediation Program
- > Uniform Environmental
- > Covenants Act
- > CERCLA Preliminary Assessment
- > CERCLA Site Investigation





## 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





## 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.

### Route Location Surveys:

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

### GPS Surveys:

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

### General Survey Services:

- > Large-Scale Boundary Work
- > Topographic Survey and Mapping
- > ALTA/ACSM Survey and Mapping
- > Lake and River Soundings
- > Accident Reconstruction Survey & 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

### Coal and Energy Surveys:

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

# PROJECT APPROACH

Thrasher will utilize the following approach for this project. This approach is capable of meeting all project goals. This proven approach has been used on various West Virginia Division of Highways related bridge projects and other bridges throughout the State of West Virginia.

## Step 1

- > Meet with owner to determine location of bridge crossing, discuss potential types of bridges (weight limit, etc.)

## Step 2

- > Set up survey of the bridge location along with stream cross-sections

## Step 3

- > Set up stream hydrology and hydraulic (H & H) model for the crossing stream. Doing this model will help determine how the new bridge crossing will effect the existing flooding/floodplain



## Step 4

- > Provide various bridge alternative with cost to owner
  - > Advantages vs disadvantages

## Step 5

- > Review and discuss with owner and select a bridge

## Step 6

- > Design and provide construction documents

## Step 7

- > Obtain all necessary permits

## Step 8

- > Bid and go to construction

**PROJECT EXPERIENCE MATRIX**

<b>BOND FORFEITURE and RELATED PROJECT EXPERIENCE MATRIX</b>																				
PROJECT	Exp. Basis C-Corp P-Personal *	Additional info provided in Section (s) **	PROJECT EXPERIENCE REQUIREMENTS														Primary staff participation/capacity *** M-Management P-Professional			
			Forfeited Surface Mine Reclamation	Forfeited Deep Mine Reclamation	Portal/shaft closure	Hydrologic/Hydraulic design/ Eval.	Remining Evaluation	Mine / refuse fire abatement	Subsidence investigation/ mitigation	Hazardous waste disposal	Project specifications	Water quality evaluation /mitigation replacement	Construction inspection / management	Water treatment	Equipment /structure removal	Stream restoration	Geotechnical/stability	Chad Biller	R.J. Hovatter	Jeff Gola
Anglins Run Portals	C				X	X													M	
Roaring Creek	C		X	X		X				X									M	
Shinns Run Portals	P			X		X				X									M/P	
Squire's Creek Portals	C		X		X	X				X				X					M	
Overfield (Laferty) CS&P	C		X		X	X				X						X			M	
Laurel Run	C		X		X	X				X									M	P
Clarksburg Lyons Landslide	C		X			X				X						X			M	
Pleasant Valley	C		X		X	X				X									M	P
Roger Camp Hill	C		X			X				X									M	P
Owl Creek Highwall	C		X		X	X				X					X				M	P
Landgraaf Refuse	C		X			X				X									M	P
Canyon Refuse & Dump	C		X		X	X				X				X					M	P
Stowe (Prince) Landslide	C					X				X						X			M	P
Lamberts Run Site 7	C		X			X				X	X	X	X		X				M	P
Swamp Run #1	C		X			X				X	X	X	X		X				M	P
Dans Branch	C					X				X						X			M	P
Ed Gower Highwall #2	C		X		X	X				X									M	P
Martinka Mine	C		X			X				X	X	X	X						M	P

\*List whether project experience is corporate or personnel based or both  
 \*\* Use this area to provide specific sections or pages if needed for reference  
 \*\*\* List primary design personnel and their functional capacity for the projects listed.



## Jake's Run Arch Bridge Replacement

Location: Monongalia County, WV

Type of Project: Bridge Replacement

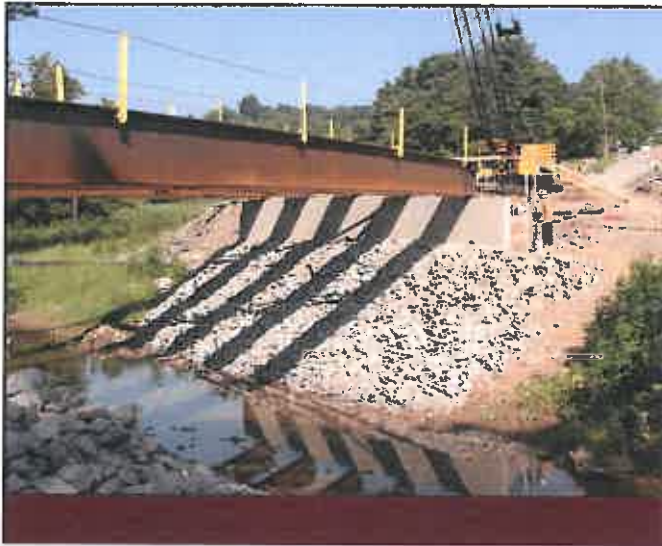
Thrasher Project Manager: Jeff Gola, PE

WVDOH Project: S231-7-19.04

Client Contact:

Chad Lowther, PE -WVDOH Project Manager

304-558-9537

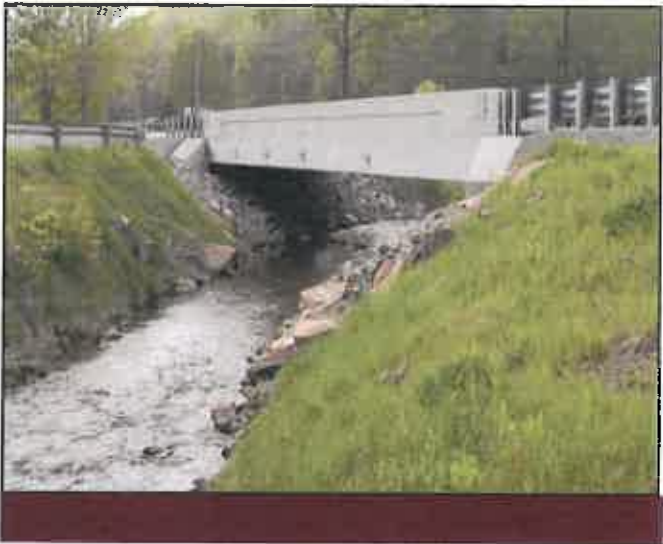


Thrasher performed the preliminary study, design, and contract documents for the replacement of Jakes Run Arch Bridge. The study consisted of a hydraulic analysis of 400 feet along WV Route 7.

As a result of the study and the findings of the water flow, the bridge location was determined. The two-lane, 100 foot single span concrete slab on 42 foot steel girders is complete. Construction cost was \$1,425,600.21.

**Little Grassy Creek Bridge**  
Location: Webster County, WV  
Type of Project: Bridge Replacement  
Thrasher Project Manager: Jeff Gola, PE  
WVDOH Project: S351-20-24.70 00

Client Contact:  
WVDOH District 7 Bridge Department  
304-269-8904



This project consisted of developing construction plans and right-of-way documents for a single span adjacent box beam bridge. The bridge was 33 feet wide and 70 feet long.

Thrasher worked directly under and with the WVDOH District 7 Bridge Engineering Department.



### **Corley Bridge Replacement**

Location: Braxton County, WV

Type of Project: Bridge Replacement

Thrasher Project Manager: Jeff Goia, PE

WVDOH Project: S304-22-3.29 00

Client Contact:

WVDOH District 7 Bridge Department

304-269-8904

This project consisted of developing construction plans and right-of-way documents for a single span adjacent box beam bridge. The bridge was 24 feet wide and 80 feet long.

Thrasher worked directly under and the WVDOH District 7 Bridge Engineering Department in all phases of planning and construction.





### **Doddridge County Park Access Bridge**

Location: Doddridge County, WV

Type of Project: New Access Bridge

Thrasher Project Manager: Jeff Goia, PE

Client Contact:

Greg Cottrill - Director Doddridge County Parks

304-873-1663

The Doddridge County Park Access Bridge is a 100 foot single span bridge that is used for vehicle and pedestrian traffic in the bridge. The bridge rests on concrete abutments that are supported by steel piles.

Thrasher has worked with the Doddridge County Parks and Recreation board on various upgrades and improvements over the years including a master plan for all 234 acres.



**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**Chad Biller, PE**  
Principal-in-Charge

**RJ Hovatter, PE**  
Project Manager

**Jeff Gola, PE**  
Lead Structural Engineer

**Aaron Stevens, PE**  
Project Engineer



**Survey Services**

**Construction Services**

**Environmental Services**

# CHAD BILLER, PE

Principal-in-Charge



## Education

Bachelor of Science,  
Civil Engineering  
West Virginia University

## Registrations

Professional Engineer

- > West Virginia
- > Ohio

## Affiliations

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

Chad Biller, PE has extensive experience in all aspects of civil engineering, but his primary emphasis lies in site development, transportation, and airport projects. Chad's expertise has made him a go-to source for the design and site layout of numerous residential and commercial sites all throughout the Mid-Atlantic region. His knowledge of site design in the mountainous terrain of West Virginia and the surrounding Appalachian basin is second to none.

As part of his role as in the Site Division, Chad is responsible for the development of project design, production of project specifications and plans, bidding, quality assurance/quality control, and project monitoring. He brings a deep breadth of knowledge to the table, including creative problem solving skills, and decades of hands-on experience implementing unique project delivery methods individually tailored for his clients.

## Experience

### WVDOH Notre Dame Arch Bridge Replacement

Role: Principal-in-Charge  
> Harrison County, WV

### WVDOH Jakes Run Single Span Arch Bridge and Roadway Approaches

Role: Principal-in-Charge  
> Monongalia County, WV

### WVDOH Corley Single Span Box Beam Bridge

Role: Principal-in-Charge  
> Braxton County, WV

### WVDOH Little Grassy Creek Box Beam Bridge

Role: Principal-in-Charge  
> Webster County, WV

### WVDOH Indian Fork Two Span Steel Beam Bridge

Role: Principal-in-Charge  
> Gilmer County, WV

### WVDOH Orlando Concrete Box Beam Bridge

Role: Principal-in-Charge  
> Gilmer County, WV



# CHAD BILLER, PE

Principal-in-Charge

<b>Name:</b>	CHADWICK D BILLER
<b>WV Professional Engineer:</b>	<b>PE License Number:</b> [REDACTED]
	<b>PE License Status:</b> Active
	<b>PE Issue Date:</b> 02/23/1998
	<b>PE Expiration Date:</b> 12/31/2018
<b>Continuing Education Claim:</b>	<b>Qualifying Hours from Last Renewal or Reinstatement:</b> 57
	<b>Carryover Hours for Next Renewal:</b> 15
	<b>Last Renewal or Reinstatement Date*:</b> 12/19/2016
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b>
	<b>EI Issue Date:</b>

Project Manager



Richard "RJ" Hovatter, PE has spent most of his career working with private and public clients on various site development projects. His team of engineers are able to develop strategies to fit the needs of each client. RJ is well versed in site design, grading, storm water and erosion and sediment control plans. He has also managed over 35 Abandoned Mine Land Emergency and Abandoned Mine Land projects across West Virginia, Maryland, and Ohio. His experience provides clients with the reassurance that projects are inspected thoroughly.

### Education

Bachelor of Science,  
Civil Engineering  
Fairmont State University

### Registrations

Professional Engineer:  
> West Virginia  
> Pennsylvania

### Certifications and Trainings

- > 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

He also leads a team of highly skilled engineers in developing innovative slip remediation projects all across the Appalachian basin. RJ has spent a large portion of his career evaluating critical land slips and assessing feasible, sustainable solutions that serve both public and private entities. His diverse portfolio of work has given RJ a refined eye for potential land issues and slip-prone terrain, which ensures his clients projects are designed on safe, stable sites.

### Experience

**WVDEP AML Stowe Landslide Emergency Project**  
Role: Project Manager  
> Logan County, WV

**WVDEP AML Dansbranch Landslide Emergency Project**  
Role: Project Manager  
> Mingo County, WV

**WVDEP AML Lyons Landslide Project**  
Role: Project Manager  
> Harrison County, WV

**WVDEP AML Canyon Refuse and Dump**  
Role: Project Manager  
> Monongalia County, WV

**WVDEP AML Landgraff Refuse Pile Design**  
Role: Project Manager  
> McDowell County, WV

**WV DEP Shinns Run Portals**  
Role: Project Engineer  
> Harrison County, WV

**WestRidge Phase 1 Slip Repair**  
Role: Project Manager  
> Monongalia County, WV

**City of Clarksburg Citywide Stormwater Management Plan**  
Role: Project Manager  
> Harrison County, WV

# RJ HOVATTER, PE

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Project Manager

<b>Name:</b>	RICHARD G HOVATTER, JR
<b>WV Professional Engineer:</b>	<b>PE License Number:</b> [REDACTED]
	<b>PE License Status:</b> Active
	<b>PE Issue Date:</b> 12/17/2009
	<b>PE Expiration Date:</b> 12/31/2018
<b>Continuing Education Claim:</b>	<b>Qualifying Hours from Last Renewal or Reinstatement:</b> 46.5
	<b>Carryover Hours for Next Renewal:</b> 15
	<b>Last Renewal or Reinstatement Date:</b> 12/14/2016
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b> [REDACTED]
	<b>EI Issue Date:</b> 12/15/2005

# JEFF GOLA, PE

Lead Structural Engineer



Jeff Gola, PE has accrued over 20 years of professional experience designing and overseeing the construction of public works projects such as sidewalks, dams, bridges, roadways, stormwater systems, and retaining walls. Jeff has dedicated much of his career to understanding the structural design elements that govern these infrastructure projects. His methodical design process ensures that his work will withstand environmental stresses and pressures, and that his projects remain safe, stable, and secure throughout their use.

## Education

Bachelor of Science,  
Civil Engineering  
West Virginia University

## Registrations

Professional Engineer:

- > West Virginia
- > Maryland

## Experience

### WVDOH Notre Dame Arch Bridge Replacement

Role: Project Manager  
> Harrison County, WV

### WVDOH Jakes Run Single Span Arch Bridge and Roadway Approaches

Role: Project Manager  
> Monongalia County, WV

### WVDOH Corley Single Span Box Beam Bridge

Role: Project Manager  
> Braxton County, WV

### WVDOH Little Grassy Creek Box Beam Bridge

Role: Project Manager  
> Webster County, WV

### WVDOH Indian Fork Two Span Steel Beam Bridge

Role: Project Manager  
> Gilmer County, WV

### WVDOH Orlando Concrete Box Beam Bridge

Role: Project Manager  
> Gilmer County, WV



# JEFF GOLA, PE

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Lead Structural Engineer

Name:	JEFFREY L GOLA
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 05/30/2003
	PE Expiration Date: 12/31/2018
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 38
	Carryover Hours for Next Renewal: 8
	Last Renewal or Reinstatement Date*: 12/19/2016
WV Engineer Intern:	EI Certification Number: [REDACTED]
	EI Issue Date: 07/01/1998

Project Engineer



Aaron Stevens, PE, spent 11 years with the West Virginia Division of Highways in District 4 before joining Thrasher. His primary role was working on designing bridges within District 4. He has experience working on W beam, truss, T-beam and arch box beam bridges. Aaron graduated from Fairmont State University where he received his degree in Civil Engineering Technology.

Aaron is well versed with Bentley Microstation and Inroads. His experience and knowledge gained while working at the DOH, make Aaron a great asset to the Transportation Division. He has worked in various counties across District 4 and throughout the State of West Virginia.

## Education

Bachelor of Science,  
Civil Engineering Technology  
Fairmont State University

## Registrations

Professional Engineer:  
> West Virginia

## Affiliations

- > FHWA-NHI LRFD for Highway Bridge Superstructures
- > Hydraulic Design of Safe Bridges
- > FHWA-NHI
- > ArcGIS Level I-III
- > Advanced ArcGIS

## Experience

### WVDOH Notre Dame Arch Bridge Replacement

Role: Project Engineer  
> Harrison County, WV

### WVDOH Morris Builders #1

Role: Project Engineer  
> Monongalia County, WV

### WVDOH Wadestown W Beam

Role: Project Engineer  
> Monongalia County, WV

### WVDOH Spring Creek Truss Bridge

Role: Project Engineer  
> Wood County, WV

### WVDOH Flat Run T-Beam

Role: Project Manager  
> Marion County, WV

### WVDOH Evans Run Arch Box Beam

Role: Project Engineer  
> Marion County, WV

Project Engineer

<b>Name:</b>	AARON L STEVENS
<b>WV Professional Engineer:</b>	<b>PE License Number:</b> [REDACTED]
	<b>PE License Status:</b> Active
	<b>PE Issue Date:</b> 05/23/2013
	<b>PE Expiration Date:</b> 12/31/2018
<b>Continuing Education Claim:</b>	<b>Qualifying Hours from Last Renewal or Reinstatement:</b> 103.5
	<b>Carryover Hours for Next Renewal:</b> 15
	<b>Last Renewal or Reinstatement Date:</b> 12/9/2016
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b> [REDACTED]
	<b>EI Issue Date:</b> 07/29/2008



## Locations

### West Virginia Office

650 MacCorkle Avenue West  
St. Albans, WV 25177  
P: (304) 201-5180  
F: (304) 201-5182

### Pennsylvania Office

171 Montour Run Road  
Moon Twp, PA 15108  
P: (412) 722-1970  
F: (412) 722-1929

## Company Overview

NGE was founded in the fall of 2002 by Amy Veltri and John Nottingham, a management team with a combined forty years of industry experience. The family-based entrepreneurial spirit that defined NGE's beginnings remains evident in the innovative solutions we deliver to our loyal clients each and every day. Advances in engineering, science and technology, coupled with regulatory, legal, and compliance pressures create increasingly complex challenges for businesses. NGE strives to keep pace with these changes, with an eye to supporting our clients' changing needs.

NGE has grown into a dependable and flexible environmental and geotechnical consulting firm providing a wide range of professional services, including Environmental Consulting, Geotechnical Engineering and Environmental Construction / Remediation. With clients across the nation, NGE added a second office location in West Virginia in 2003, and seeks to grow in the future by providing consistent, quality service in a family-oriented atmosphere.

Since its inception, NGE has hired and retained the best and brightest talent in the industry. Our staff have relevant experience and qualifications to complete complex environmental and geotechnical projects. NGE's future is bright as we pursue a course of planned, measured growth to meet the challenge of expansion without diluting leadership or weakening the company's ability to perform. After establishing a solid foundation and longstanding reputation in the region and across the nation as an innovative, sophisticated, forward-thinking environmental and geotechnical consulting firm, we are proud of our roots and the progressive environment we have created for our dedicated employees.

NGE is an organization that is small enough to focus time on each client but with a depth in talent and resources to successfully complete large and complex projects. NGE provides superior environmental and geotechnical services at a manageable price. A family oriented work atmosphere has fostered the growth of NGE's staff with the best and brightest talent in the industry.

NGE has garnered a variety of certifications and awards over the years in the environmental and geotechnical consulting industry. These accomplishments and accolades bear testament to the impeccable standards that we strive to achieve at NGE. They help differentiate our company from our competitors and serve to distinguish our employees as the "best of the best."





**Doddridge County Parks**

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

**WVDOH**

Chad Lowther, PE - Project Manager  
1340 Smith Street | Charleston WV 25301  
304-558-9537

**WVDOH**

Scott Blosser - Repair and Design Engineer  
2460 Murphys Run Rd | Bridgeport, WV 26330  
304-842-1599

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.



\_\_\_\_\_  
(Name, Title)  
Richard Hovatter, PE - Project Manager

\_\_\_\_\_  
(Printed Name and Title)  
600 White Oaks Boulevard, Bridgeport, WV 26330

\_\_\_\_\_  
(Address)  
304-624-4108 / 304-624-7831

\_\_\_\_\_  
(Phone Number) / (Fax Number)  
[rhovatter@thethrashergroup.com](mailto:rhovatter@thethrashergroup.com)  
(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

\_\_\_\_\_  
The Thrasher Group  
(Company)



\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

\_\_\_\_\_  
Richard Hovatter, PE - Project Manager  
(Printed Name and Title of Authorized Representative)

\_\_\_\_\_  
October 8, 2018  
(Date)

\_\_\_\_\_  
304-624-4108 / 304-624-7831  
(Phone Number) (Fax Number)

**West Virginia Ethics Commission**  
**Disclosure of Interested Parties to Contracts**  
(Required by W. Va. Code § 6D-1-2)

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

Name of Authorized Agent: Jessica Chambers Address: \_\_\_\_\_

Contract Number: CEOI 0313 DEP1900000005 Contract Description: Richard Mine Drainage Access

Governmental agency awarding contract: WV DEP

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract  
 Check here if none, otherwise list entity/individual names below.
  
2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)  
 Check here if none, otherwise list entity/individual names below.
  
3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)  
 Check here if none, otherwise list entity/individual names below.

Signature: [Handwritten Signature] Date Signed: 10/8/2018

**Notary Verification**

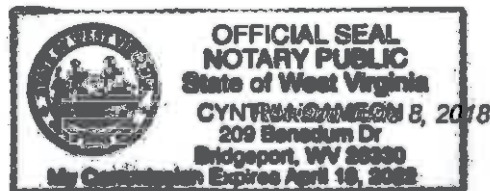
State of WV, County of Harrison:

I, Cynthia Cameon, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 8th day of October, 2018.

[Handwritten Signature]  
Notary Public's Signature

**To be completed by State Agency:**  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_



STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

**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: 10/8/18

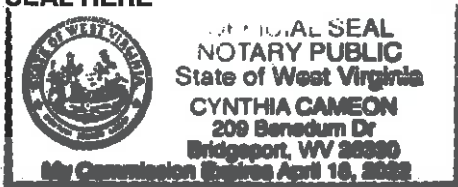
State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 8<sup>th</sup> day of October, 2018.

My Commission expires April 18, 2022.

AFFIX SEAL HERE



NOTARY PUBLIC

*[Signature]*

Purchasing Affidavit (Revised 08/01/2015)



# THRASHER

ARCHITECTURE | ENGINEERING | FIELD SERVICES