



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

## Header 1

List View

## General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1016341


Procurement Type: Central Purchase Order

Vendor ID: 000000204787 


Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 03/29/2022 

Response Time: 13:13

Responded By User ID: Thrasher 

First Name: Caroline

Last Name: Marion

Email: cmarion@thethrasheragro

Phone: 304-624-4108

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2200000010

Published Date: 3/11/22

Close Date: 3/30/22

Close Time: 13:30

Status: Closed

Solicitation Description: Williamstown AASF#1 Taxiway & Apron Repairs EOI   


Total of Header Attachments: 1

Total of All Attachments: 1



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

State of West Virginia  
Solicitation Response

**Proc Folder:** 1016341  
**Solicitation Description:** Williamstown AASF#1 Taxiway & Apron Repairs EOI  
**Proc Type:** Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2022-03-30 13:30	SR 0603 ESR03292200000005955	1

**VENDOR**  
000000204787  
THE THRASHER GROUP INC

**Solicitation Number:** CEOI 0603 ADJ2200000010  
**Total Bid:** 0  
**Response Date:** 2022-03-29  
**Response Time:** 13:13:48  
**Comments:** N/A

**FOR INFORMATION CONTACT THE BUYER**

David H Pauline  
304-558-0067  
david.h.pauline@wv.gov

Vendor Signature X	FEIN#	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Williamstown AASF#1 Taxiway & Apron Repairs EOI				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments: N/A

Extended Description:

Provide professional architectural and engineering design services per the attached documentation.



# THRASHER



## WV ARMY NATIONAL GUARD

CEOI 0603 ADJ2200000010

Concrete Apron and Taxiway Repairs at Williamstown AASF#1 Flight Facility

Submitted by:  
The Thrasher Group, Inc.  
March 30, 2022



COMPLEX PROJECTS  
REQUIRE RESOLVE  
**THRASHER'S GOT IT**

March 30, 2022

Attn: Mr. David H. Pauline, Senior Buyer  
c/o Williamstown AASF1  
387 Aviation Drive  
Williamstown, WV 26187

*RE: WV Army National Guard — Concrete Apron and  
Taxiway Repairs at Williamstown AASF#1 Flight Facility*

Dear Mr. Pauline and Selection Committee Members:

The West Virginia Army National Guard (WVARNG) needs a consultant to perform concrete apron and taxiway repairs at the Williamstown AASF#1 Flight Facility. To ensure these projects are executed to the highest standard, the WVARNG needs a team that has a thorough understanding of the aviation industry and the intricacies that come with flight facility infrastructure. The Thrasher Group is the right firm for the job.

As a West Virginia-based company that has been serving the state for 38 years, we take pride in projects that will improve the safety for the Mountaineers who choose to serve our country. Thrasher has an impressive portfolio of airport projects and we are confident that our team understands your vision. We have assembled a group of industry experts who can easily accomplish the complex steps required to complete your project successfully.

While Thrasher will handle the aviation engineering for this project, we have partnered with NGE to provide you with the best in geotechnical engineering solutions. Aside from their plethora of certifications and awards over the years in environmental and geotechnical consulting, NGE classifies as a Disadvantaged Business Enterprise (DBE). Depending on your funding needs, this could play a key role in Thrasher's already successful experience with the major funding agencies involved in airport projects.

We appreciate the chance to share our qualifications with you. We're excited for the opportunity to play a part in this project and look forward to further discussing how The Thrasher Group can be a partner to the West Virginia Army National Guard now and for the long haul.

Sincerely,  
The Thrasher Group, Inc.

Chad Miller, P.E.  
Principal

**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the  
C \_\_\_\_\_ point of contact for matters relating to this Contract.



Chad Biller, Principal

(Printed Name and Title)

300 White Oaks Blvd. | Bridgeport, WV 26330

(Address)

304-624-4108 / 304-624-7831

(Phone Number) / (Fax Number)

cbiller@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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

The Thrasher Group, Inc. \_\_\_\_\_



\_\_\_\_\_  
(Printed Name, Title)

Chad Biller, Principal

(Printed Name and Title of Authorized Representative)

03/28/2022

(Date)

304-624-4108 / 304-624-7831

(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

**CONSTRUCTION CONTRACTS:** Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

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

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

**DEFINITIONS:**

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

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

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

**AFFIRMATION:** By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party 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 \_\_\_\_\_

Authorized Sign \_\_\_\_\_

Date: 03/28/2022

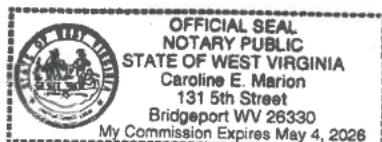
State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 28 day of March, 2022.

My Commission expires May 4, 2026

**AFFIX SEAL HERE**



**NOTARY PUBLIC**

Caroline E Marion

*Purchasing Affidavit (Revised 01/19/2018)*



# FIRM OVERVIEW



- > Transportation
- > Site Engineering
- > Environmental
- > Architecture
- > Utility Engineering
- > Survey
- > Construction Services
- > Geospatial

## Main Point of Contact:

Nicole Jones, PE, PMP  
Project Manager  
njones@thethrashergroup.com  
Cell: 304-476-3655  
Office: 304-423-5991



## 8

### OFFICES

in four states:

West Virginia  
Pennsylvania  
Ohio  
Maryland



## 300+

### EMPLOYEES

- 34** Licensed Professional Engineers
- 10** Licensed Professional Surveyors
- 6** Licensed Professional Architects
- 2** Licensed Professional Landscape Architects



## 38

### YEARS

of delivering  
successful  
projects

Diverse services that grow communities.

**THRASHER'S GOT IT.**

# APPROACH TO YOUR GOALS

A critical step in meeting your goals is first ensuring we understand them. Thrasher's team has thoroughly reviewed the Expression of Interest request and is confident in our ability to deliver the highest-quality solutions to your problems. We are capable of meeting each goal/objective you have outlined and feel strongly that you will be satisfied with the outcomes you receive.

**We understand your goals for the Concrete Apron & Taxiway Repairs at Williamstown AASF#1 Flight Facility project and will handle them in the following manner:**

## **Goal 2.1 | Provide a Complete Design**

The Thrasher Group acknowledges that the WVARNG expects full design and engineering services for the Williamstown AASF#1 Flight Facility's Concrete Apron and Taxiway. Thrasher has in-house expertise for designing aviation projects of all types, including full depth concrete repair and slab replacements. We understand the importance of meeting military flight safety standards and will work with our partner, NGE, to make this happen. Together, this multidisciplinary team will provide a holistic look at your project, collaborating on all pieces of the puzzle to ensure success in each component.

## **Goal 2.2 | Locate Existing Utilities**

The Thrasher team will research and investigate the location of all existing utilities and provide drawings and specifications of any and all updates.

## **Goal 2.3 | Drawings, Specifications and Cost Estimates**

With a full team of in-house experts, Thrasher will be able to provide all necessary architecture and engineering services for the concrete apron and taxiway repairs at the Williamstown AASF#1 Flight Facility. As a well established West Virginia firm, we have a deep understanding of the local codes, laws, and applicable state regulations that will be necessary for this project, as well as the Federal Aviation Administration regulations involved. This will prove beneficial in sticking to outlined timelines and budgets, as Thrasher will be able to plan ahead to meet these regulations from the outset. As budget is such an important aspect of our work, Thrasher's cost estimating and budgeting information can be found in more detail in the coming pages.

## **Goal 2.4 | Construction Administration & Bidding Services**

Our construction services team always plays a major role in the Thrasher full-service package. We will provide a Resident Project Representative to help oversee the work being done at the Williamstown AASF#1 Flight Facility. Our team has the competence you need to ensure your project is constructed correctly and functions as designed.

# APPROACH TO YOUR GOALS

Thrasher will keep your project goals in mind throughout the process. We will address each in turn, working directly with the West Virginia Army National Guard to meet your needs with the project approach outlined below. Thrasher will conduct design review meetings with your team at each phase of the process, making sure we are keeping with the overall intention of the project.

## Our general steps for project management are as follows:

### **Step 1 - Site Visit**

Your assembled team of engineers and technicians will conduct a site visit. This group will evaluate the project conditions and identify and document potential problem areas. We will coordinate with your team and any identified key stakeholders to take all the facts into consideration during this process.

### **Step 2 - Conceptual Design and Report**

Thrasher will prepare a conceptual design for the needed services at the Williamstown AASF#1 Flight Facility. Where applicable, we will also provide design alternatives for consideration. We will then prepare a written report of the conceptual designs and outline any issues.

### **Step 3 - Construction Documents**

Our team will provide design solutions and construction documents to the appropriate personnel for the project. These plans will be carried forward to final design based upon the conceptual design report. Thrasher recognizes that you are requesting drawings and specifications at 35%, 65%, 95%, and 100% and will provide both drawings and cost estimates at those intervals. We will complete the final design documents based upon comments received and conclusions throughout the design review process. Our field evaluations and design approach will specifically address these issues in the construction documents.

### **Step 4 - Bid Process**

We will assist the WVARNG and stakeholders in preparation of the bid documents and will attend pre-bid meetings and assist in issuance of addenda.

### **Step 5 - Construction Administration**

The project team will review project submittals, attend project meetings, and provide inspection of the construction being completed. The project team will also provide final punch list inspection at project completion.

### **Step 6 - Project Close Out**

Upon completion of the project, the Thrasher team will work with the General Contractor to assure that all closeout documents are provided and that the facility is fully complete and functional at turn over.



# STAFF QUALIFICATIONS



## CHAD BILLER, PE

Principal

Chad Biller, PE leads Thrasher's team of highly talented engineers and support staff for virtually all of the firm's aviation industry projects. Chad has devoted much of his career to working alongside the airport authorities of West Virginia, including Central West Virginia, Benedum, Huntington Tri-State, and Raleigh County Memorial Airports.

Through the course of his career, Chad has overseen the design and implementation of nearly \$60 million in construction with these airport authorities. His work has included site grading, access roads, runway improvements and extensions, stormwater management, safety enhancements, and the development of adjacent airport properties.

Chad's proactive approach to projects and thorough understanding of the FAA governance requirements has helped him garner repeat clients. He has served as the airport engineer for the NCWV airport for 19 years and continues to help the airport secure money for their impressive expansion efforts.

### 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

### Certifications

- > ODOT Non-complex Roadway Design prequalification
- > ODOT Complex Roadway Design prequalification
- > ODOT Bridge Design Level 1.1/1.2 prequalification

### Experience

#### North Central WV Airport Runway Extension and Taxiway Construction

Role: Principal

- > Harrison County, WV

#### Potomac Highlands Airport Authority Runway Rehabilitation and Taxiway Pavement

Role: Principal

- > Mineral County, WV

#### North Central WV Airport Runway Extension

Role: Project Manager

- > Harrison County, WV

#### Raleigh County Airport Runway Mill and Overlay

Role: Principal

- > Raleigh County, WV

#### Raleigh County Memorial Airport Industrial Park

Role: Project Manager

- > Raleigh County, WV

#### Raleigh County Airport Construction of Taxiway A and Removal of Taxiway F

Role: Principal

- > Raleigh County, WV

#### Eastern WV Regional Airport Industrial Park

Role: Principal

- > Berkeley County, WV

#### Raleigh County Memorial Airport Hangar Design

Role: Project Manager

- > Raleigh County, WV



# STAFF QUALIFICATIONS



## NICOLE JONES, PE, PMP

Project Manager

Nicole Jones, PE, PMP has become an integral part of Thrasher's Transportation Market serving as Project Manager for various airport improvements across the state of West Virginia. Nicole has managed a vast array of infrastructure enhancements related to the aviation industry, and helped her clients to secure several million dollars in grants to complete their upgrades.

### Education

Bachelor of Science,  
Civil Engineering  
West Virginia University

### Registrations

Professional Engineer:

- > West Virginia
- > Project Management  
Professional (PMP)

### Affiliations

- > Leadership Monongalia County

For her largest client, the North Central West Virginia airport, Nicole has designed a variety of upgrades, including a runway safety study, lighting and security upgrades, ramp rehabilitation, terminal improvements, and a runway extension and widening. Her understanding of the permitting and regulatory hurdles that accompany this type of work has enabled Nicole to guide her clients through the design of safe and sustainable projects. Her meticulous design style also draws the attention of Contractors, and results in highly competitive bidding.

### Experience

#### Benedum Airport Authority Ramp Rehabilitation

Role: Project Manager

- > Harrison County, WV

#### Raleigh County Airport Authority Taxilane to Corporate Hangar

Role: Project Manager

- > Raleigh County, WV

#### Raleigh County Airport Authority Runway 1-19 Rehabilitation

Role: Project Manager

- > Raleigh County, WV

#### Raleigh County Airport Authority Runway 10-28 & Taxiway E Crack Sealing

Role: Project Manager

- > Raleigh County, WV

#### Raleigh County Airport Authority Reconstruction Taxiway A

Role: Project Manager

- > Raleigh County, WV

#### Raleigh County Airport Authority Construction of New Parallel Taxiway

Role: Project Manager

- > Raleigh County, WV

#### Benedum Airport Authority Concrete Parking Pad

Role: Project Manager

- > Harrison County, WV

#### Tri- State Airport Authority Huntington Tri- State Airport Elevator Tower

Role: Project Manager

- > Wayne County, WV

# STAFF QUALIFICATIONS



## CODY WINTER, EI

Project Engineer

Cody Winter, EI currently serves as a Project Engineer in The Thrasher Group's Transportation and Land Development Market. Cody has an impressive background in the site design of industrial parks with airport access, runway rehabilitations, taxiway lighting upgrades, tree clearing and earth work for approach and departure surfaces, site permitting, and commercial site layouts. Cody has a familiarity with FAA standards, and is working directly under Thrasher's aeronautical experts to learn permitting and regulatory standards. He effectively communicates with clients, project's contractors, and the project team regarding site designs generated in the AutoDesk Suite.

Prior to becoming a Project Engineer, Cody spent time working on various project sites as a Project Representative. His time in this role gave him invaluable experience and familiarity with the construction process – giving him the ability to recognize potential issues before they have the opportunity to manifest into construction sets backs.

### Education

Bachelor of Science,  
Civil Engineering Technology  
Fairmont State University

### Registrations

Engineering Intern:  
> West Virginia

### Certifications

- > ACI Field Testing Technician
- > ACI Aggregate Base
- > WVDOH S.A.C. Technician
- > WVDOH PCC Inspector
- > WVDOH TRET - Level III
- > OSHA 10
- > SafeLand USA Training
- > First-Aid / CPR
- > Radiation Safety
- > Antero Safety 2017
- > AEP Safety 2017
- > UTV Safety Training
- > FE Exam

### Experience

**Raleigh County  
Airport Authority  
Taxiway A Rehabilitation**  
Role: Project Engineer  
> Raleigh County, WV

**Benedum Airport Authority  
Taxiway Light Upgrades**  
Role: Project Engineer  
> Harrison County, WV

**Raleigh County  
Airport Authority  
Parallel Taxiway**  
Role: Project Engineer  
> Raleigh County, WV

**Potomac Highlands  
Airport Authority  
Runway Rehabilitation  
and Taxiway Pavement**  
Role: Project Engineer  
> Mineral County, WV

**Raleigh County  
Airport Authority  
Runway 10-28 Rehabilitation**  
Role: Project Engineer  
> Raleigh County, WV

**North Central WV Airport  
Environmental Services**  
Role: Project Engineer  
> Harrison County, WV

**Benedum Airport Authority  
Pavement Management**  
Role: Project Engineer  
> Harrison County, WV

**North Central WV Airport  
General Services**  
Role: Project Engineer  
> Harrison County, WV

# STAFF QUALIFICATIONS



## DONOVAN PEARSON

Project Representative

Donovan Pearson is a Project Representative in Thrasher's Construction Services Division. Donovan's primary tasks involve site work, assisting with earth moving, paving, and slip repairs on a variety of projects. His current focus has been in the airport industry, working with the Raleigh County Airport. Donovan's work on this project has revolved around the removal and re-paving of an entire taxiway at the airport. This project has been a particularly good fit for Donovan, as it requires a strict attention to detail in order to meet FAA standards and specifications. Donovan's work ethic and knowledge of the aviation industry – thanks to his pilot license – have been an asset in accomplishing this work.

### Education

Pre-MBA  
Business Administration  
West Virginia Wesleyan College

Regents Bachelor of Arts  
Multiple Disciplinary Studies  
West Virginia University

### Certifications

- > OQ 401 Pipe Fusion Inspector Certification
- > ACI Concrete Field-Testing Tech-Grade 1 Certification
- > WVDOH PCC Inspector – Portland Cement
- > WVDOH Aggregate Sampling Inspector
- > WVDOH Soil and Aggregate Compaction Technician (S.A.C.T.)
- > WVDOH Asphalt Plant Tech
- > Underground Diesel Operator Certification
- > Single Engine Propeller Pilot License

### Certifications

- > OSHA 10 Hour Certification
- > MSHA 24 Hour Safety Sensitive Certification
- > MSHA 40 Hour Surface Certification-Experienced Miner
- > MSHA 80 Hour Underground Black Hat Experienced Miner Certification
- > Radiation Safety

### Experience

**Raleigh County  
Airport Authority  
New Taxiway and  
Runway Access**

Role: Project Representative  
> Raleigh County, WV

**Raleigh County  
Airport Authority  
Taxiway A Rehabilitation**  
Role: Project Representative  
> Raleigh County, WV

**West Ridge Development 1000+  
Acre Mixed-Use Development**  
Role: Project Representative  
> Monongalia County, WV

**Enroute Properties  
Morgantown Industrial  
Park Pad #3**  
Role: Project Representative  
> Monongalia County, WV

**Enroute Properties  
Morgantown Industrial Park**  
Role: Project Representative  
> Monongalia County, WV

**WestRidge Corporate Park**  
Role: Project Representative  
> Monongalia County, WV

**North Central WV Airport  
Bombardier Hangar Construction**  
Role: Project Representative  
> Harrison County WV

**American Petroleum Partners  
Casterly Rock Well Pad  
Slip Repairs**  
Role: Project Representative  
> Marshall County, WV

# STAFF QUALIFICATIONS



NGE was founded in the fall of 2002 by Amy Veltri and John Nottingham, a management team with a combined 40 years of industry experience. 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.

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. 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.

## Renowned Geotechnical Work

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."

## Experience with Thrasher

### Raleigh County Airport Authority

Role: Geotech  
> Raleigh County, WV

### North Central WV Airport

Role: Geotech  
> Harrison County, WV

### Jefferson County Airport

Role: Geotech  
> Jefferson County, WV

### Huntington Tri-State Airport

Role: Geotech  
> Wayne County, WV

### Doddridge County Athletic Complex

Role: Geotech  
> Doddridge County, WV

### Boy Scouts of America Welcome Center

Role: Geotech  
> Fayette County, WV



# REFERENCES



## **North Central West Virginia Airport**

**Mr. Shawn Long, Deputy Director**  
2000 Aviation Way  
Bridgeport, WV 26330  
304-842-3400

## **Raleigh County Memorial Airport**

**Mr. Tom Cochran, Airport Manager (Retired)**  
176 Airport Circle, Room 115  
Beaver, WV 25813  
304-255-0476

## **Eastern West Virginia Regional Airport**

**Mr. Nick Diehl, Executive Director & CEO**  
226 Pilot Way, Ste 105  
Martinsburg, WV 25405  
304-263-2106

# STAFF CERTIFICATIONS

## Licensure Verification

Search: Details

Name:	CHADWICK D. BILLER
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 02/23/1998
	PE Expiration Date: 12/31/2022
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 85.00
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/21/2020
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
	<p>* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.</p>

# STAFF CERTIFICATIONS

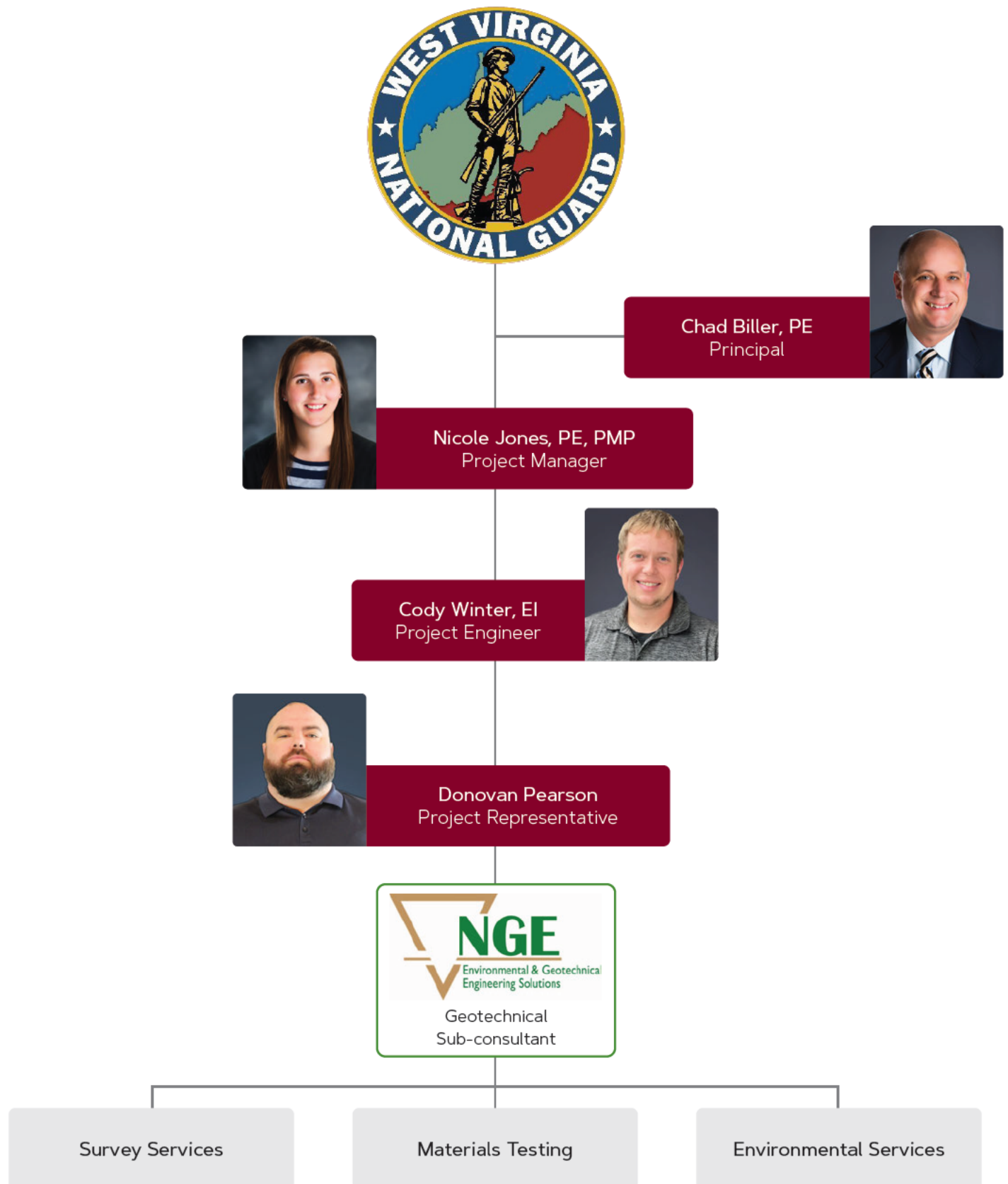
<b>Name:</b>	NICOLE M. JONES
<b>WV Professional Engineer:</b>	<b>PE License Number:</b> [REDACTED]
	<b>PE License Status:</b> Active
	<b>PE Issue Date:</b> 06/15/2015
	<b>PE Expiration Date:</b> 12/31/2022
<b>Continuing Education Claim:</b>	<b>Qualifying Hours from Last Renewal or Reinstatement:</b> 44.50
	<b>Carryover Hours for Next Renewal:</b> 14.50
	<b>Last Renewal or Reinstatement Date*:</b> 12/29/2020
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b> [REDACTED]
	<b>EI Issue Date:</b> 07/26/2010
<b>Primary Address of Record:</b>	[REDACTED]
<b>Primary Employer of Record:</b>	THE THRASHER GROUP, INC. 600 WHITE OAKS BOULEVARD PO BOX 940 BRIDGEPORT, WV 26330
	<p>* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.</p>

# STAFF CERTIFICATIONS

<b>Name:</b>	CODY ROBERT WINTER
<b>WV Professional Engineer:</b>	<b>PE License Number:</b>
	<b>PE License Status:</b> Engineer Intern
	<b>PE Issue Date:</b>
	<b>Last Renewal or Reinstatement Date*:</b>
<b>WV Engineer Intern:</b>	<b>EI Certification Number:</b> [REDACTED]
	<b>EI Issue Date:</b> 09/05/2018
<b>Primary Address of Record:</b>	[REDACTED]
<b>Primary Employer of Record:</b>	THE THRASHER GROUP 600 WHITE OAKS BOULEVARD BRIDGEPORT, WV 26330
	<p>* This date reflects the most recent license renewal (or reinstatement) date for this licensee. Continuing education hours earned prior to this date may not be used for future renewals.</p>



# STAFFING PLAN



# PAST PROJECTS

## RALEIGH COUNTY MEMORIAL AIRPORT Runway Rehabilitation

### Client Contact:

Mr. Tom Cochran, Airport Manager (Retired)  
176 Airport Circle, Room 115 | Beaver, WV 25813  
304-255-0476

Thrasher has completed a runway rehabilitation for the Raleigh County Memorial Airport.

This project included milling, repairing cracks, resetting the grades of the runway, repaving, grooving the runway, and re-painting the runway lines.

Raleigh County's airport consists of two runways. Thrasher has been working on one of them (which is approximately 6,750 feet long), leaving the cross wind runway open and the airport operational during the majority of the work for this project.

Overall this project was a great success. It was successfully bid, with Southern WV Paving as the low bidder at \$4,251,370. The work has been substantially complete since August 2019 and completed under bid - the final contract sum to date is \$4,147,432. This reduction was due to excellent construction supervision. Additionally, Southern WV Paving submitted the runway rehabilitation for a paving award and received first place.





# PAST PROJECTS



## RALEIGH COUNTY MEMORIAL AIRPORT (BKW) Taxiway Improvements

### Client Contact:

Tom Cochran, Airport Manager  
176 Airport Circle, Room 115 | Beaver, WV 25813  
304-255-0476

Thrasher has undertaken many projects at the Raleigh County Memorial Airport, including taxiway construction, rehabilitation and removal.

The largest undertaking was the complete reconstruction of Taxiway A. Taxiway A was the oldest pavement on the airfield, leaving it in poor condition and past its useful life. Thrasher was hired to reconstruct the taxiway to ensure safety of aircraft and adhere to current FAA standards. To accomplish this, Thrasher's team removed the existing pavement and sub-base material and installed a new underdrain system to remove surface and ground water. Next, the sub-base was re-established with stone and the surface was paved with asphalt and re-stripped to FAA standards. The Thrasher team completed the design, bidding, construction supervision and project closeout for the reconstruction project.

Thrasher also has removed Taxiway F in this project. This taxiway was deemed unneeded and could pose a safety concern for the Airport – to resolve these issues, the taxiway was removed and grass was planted in its place.

Additionally, the Thrasher team constructed an entirely new taxiway that will serve future hangars. This will allow the Airport to attract new tenants and increase airfield operations.

# PAST PROJECTS

## NORTH CENTRAL WV AIRPORT (CKB) Taxiway Light Upgrades

### Client Contact:

Mr. Shawn Long, Deputy Director  
2000 Aviation Way | Bridgeport, WV 26330  
304-842-3400

The taxiway edge lights at the North Central West Virginia Airport have reached the end of their useful life. Parts are becoming harder to acquire and repairs are more expensive. Thrasher was brought to the table to upgrade their aging lighting system to LED lights and updated signage. A field investigation of the site was planned however due to the start of the pandemic when travel was restricted; Thrasher brainstormed on how to continue to move the project along while still meeting funding deadlines. The project was successfully completed ahead of schedule and under budget.



### WV ARMY NATIONAL GUARD

Concrete Apron and Taxiway Repairs at Williamstown AASF#1 Flight Facility

THRASHER



# PAST PROJECTS

## NORTH CENTRAL WV AIRPORT (CKB) Ramp Projects

### Client Contact:

Mr. Shawn Long, Deputy Director  
2000 Aviation Way | Bridgeport, WV 26330  
304-842-3400

The Thrasher Group has provided a variety of ramp services to the North Central West Virginia Airport over the years. This has been accomplished through several different projects and phases:

### Ramp Rehabilitation

Thrasher's team of engineers worked together to rehabilitate an existing ramp at the NCWV Airport. The ramp was in poor condition, showing signs of aging that resulted in rutting and large surface cracks. To address these concerns, Thrasher was hired to design a new pavement section that could handle the current and future aircraft needs of the airport for the duration of the pavement's life.

### New Ramp Construction

After the construction of the Aurora Hangar, the NCWV Airport needed a way to connect the new facility to the existing taxiway and runway. Thrasher's team solved this issue with the design and construction of a new ramp outside the hangar.

### De-icing Pad

As aircrafts and aircraft size has changed over the years, the NCWV Airport's de-icing pad became undersized and overwhelmed. The existing pad could only fit one airplane and the wings were overhanging the trench drains, causing potential environmental concerns. To prevent these issues and better accommodate the needs of the Airport, Thrasher extended the



trench drain and doubled the size of the de-icing pad. The Airport is now able to have two planes in the area at once and has minimized the risk of environmental contamination of de-icing fluid.

### Parking Pad

Another issue Thrasher was able to solve for the Airport was damage to their commercial apron. After years of having aircraft parked in the same place on the asphalt, rutting had formed. Thrasher designed a concrete pavement section that would serve as a more rigid surface and hold up better under the weight of the aircraft. Additionally, the old pad was too small for newer aircraft and left the planes' wheels sitting off the concrete apron. The expansion allowed for a better fit that accommodates the new aircraft.

# PAST PROJECTS



## NORTH CENTRAL WV AIRPORT (CKB) Various Projects

### Client Contact:

Mr. Shawn Long, Deputy Director  
2000 Aviation Way | Bridgeport, WV 26330  
304-842-3400

Thrasher has a longstanding relationship with North Central West Virginia Airport in Clarksburg. We have worked on a wide variety of projects at the airport over the last 20 years. Some of the most successful projects The Thrasher Group has undertaken here include:

- > Taxiway widening
- > Runway extension
- > New taxiway
- > Apron expansion
- > Acquisition of snow equipment
- > Security upgrade
- > Materials testing for runway extension
- > Parking lot paving
- > Update to master plan
- > Terminal Upgrades
- > Construction and demolition of hangars

Additionally, Thrasher completed an \$18 million runway expansion and complete repaving project for CKB in just three days. The airport needed an additional 750 feet of runway and decided to repave the entirety of the existing, cracked runway as well. The Thrasher team worked around the clock for three days straight to minimize the closure of the airport. The runway, which was 7,000 feet long and 150 feet wide, was milled, had cracks sealed, was re-paved, and re-striped. Thrasher partnered with Delta for a portion of the project as well – they relocated all navigational aides and provided electrical plans.



# PAST PROJECTS

Thrasher has performed a plethora of work at airports across West Virginia. Our firm has experience with architecture, engineering, planning, and surveying for these clients, from small sized projects to long-term contracts. Some of the projects we've been a part of over the last few years include:

## Huntington Tri-State Airport

**Contact:** Mr. Brent Brown, Airport Director  
304-453-6165

- > Additional TSA Checkpoint Line
- > Elevator Tower
- > Industrial Park

## North Central West Virginia Airport (CKB)

**Contact:** Mr. Shawn Long, Deputy Director  
304-842-3400

- > Acquired Snow Equipment - Snow Broom and Blower, Dump Truck, and Plow
- > Removal of Tree Obstructions
- > Ramp Rehabilitation and New Ramp Construction
- > Airplane Hangar Design
- > Terminal Waiting Room Additions
- > Terminal Entrance Canopy
- > Paving of Parking Lot
- > Paid Parking System
- > Roof Rehabilitation
- > Expanded Terminal for TSA CT-80 Machine
- > Expanded Terminal for Additional Seating
- > Relocation of Security Fencing
- > Reconfigured TSA checkpoint
- > Airfield Security Enhancements
- > Airfield Re-Striping
- > Expanded Deicing Pad
- > Industrial Park
- > ARFF Building
- > Designed New Restroom Facilities
- > Upgraded Taxiway Lights and Airfield Signage
- > Expanded De-icing facility

## Greater Cumberland Regional Airport (CBE)

**Contact:** Mr. Ryan Shaffer  
304-738-0002 ext. 2

- > Phase 6 - Rehabilitate Runway 5-23

## Mid-Ohio Valley Regional Airport - Parkersburg

**Contact:** Mr. Glen Kelley  
304-464-5113

- > Perimeter Airport Fence Upgrades.

## Eastern Regional Airport - Martinsburg

**Contact:** Mr. Neil Doran  
304-263-2106

- > Survey
- > Environmental Document for release of land for sale/development
- > Industrial Park
- > Renovations to Pilot Lounge
- > Hangar Renovations

## Raleigh County Memorial Airport (BKW)

**Contact:** Mr. Tom Cochran, Airport Manager (Retired)  
304-255-0476

- > Acquired Snow Removal Equipment (Snow Blower)
- > Runway Rehabilitation 1-19
- > Taxiway A Reconstruction
- > Runway 10-28 Resurfacing
- > Taxiway E Crack Sealing
- > Runway 10-28 Striping
- > Construction of New Taxilane
- > Terminal Lighting Upgrades
- > ARFF Fire Suits
- > Access Road Overlay

## Yeager Airport (CRW)

**Contact:** Mr. Nick Keller  
304-344-8033

- > Acquired Snow Removal Equipment (Snow Broom)
- > Environmental Clearance on General Aviation Improvement Projects
- > Terminal Security Upgrades
- > Terminal Roof Renovations Phase 1
- > Rental Car - Car Wash Upgrades
- > Rental Car Generator
- > Acquired Jet Bridge
- > Stormwater Assessment
- > Parking Garage Access Control System



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