



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: 1450724

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

SO Dept: 0603

Vendor ID: 00000204787 

SO Doc ID: ADJ2400000007

Legal Name: THE THRASHER GROUP INC

Published Date: 6/18/24

Alias/DBA:

Close Date: 7/9/24

Total Bid: \$0.00

Close Time: 13:30

Response Date: 07/09/2024 

Status: Closed

Response Time: 10:56

Solicitation Description: Wheeling AASF No.2 Hangar Addition Design
EOI

Responded By User ID: Thrasher 

Total of Header Attachments: 1

First Name: Anjelica

Total of All Attachments: 1

Last Name: D'Annunzio

Email: adannunzio@thethrasher.org

Phone: 304-624-4108



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: 1450724
Solicitation Description: Wheeling AASF No.2 Hangar Addition Design EOI
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2024-07-09 13:30	SR 0603 ESR07092400000000203	1

VENDOR
 000000204787
 THE THRASHER GROUP INC

Solicitation Number: CEOI 0603 ADJ2400000007
Total Bid: 0
Response Date: 2024-07-09
Response Time: 10:56:15
Comments: N/A

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

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

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

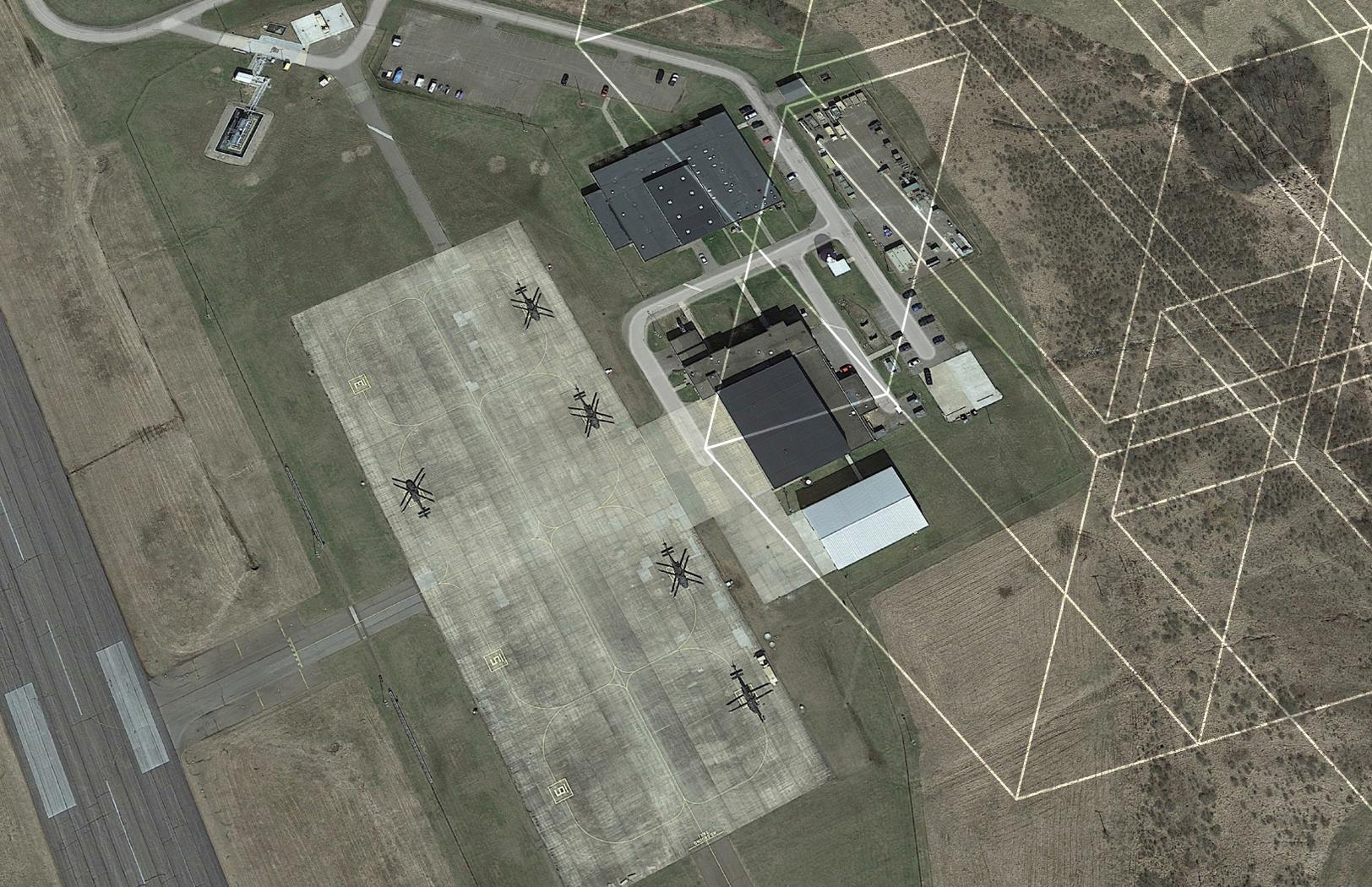
Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Wheeling AASF No.2 Hangar Addition Design EOI				0.00

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

WEST VIRGINIA ARMY NATIONAL GUARD

Wheeling AASF #2 Hangar Addition
CE01 0603 ADJ24*07

Submitted by:

The Thrasher Group, Inc.
July 9, 2024

July 9, 2024

Attn: Mr. David Pauline, Buyer
Electronic Upload
via wvOASIS

RE: West Virginia Army National Guard – Wheeling AASF No. 2 Hangar Addition

Dear Mr. Pauline and Members of the Selection Committee:

The West Virginia Army National Guard plays an important role in the safety and security of our state. To help that mission, WVANG is in need of expansion at its Wheeling Army Aviation Support Facility #2. As a company dedicated to the ongoing development of Wheeling and the surrounding area - and to working on projects that make our clients' goals easier to achieve - The Thrasher Group is the right firm for the job.

Here at Thrasher, our aviation and architecture teams have garnered a wide range of experience in their respective fields, giving us the right combination of knowledge to help make this project a successful one. Our staff is highly qualified in all of the services that will be needed by the WVANG throughout the duration of this contract. Having worked with the WVANG before on numerous efforts, we also understand the processes that must be followed in order to execute this project in accordance with all relevant regulations.. This background - both with your organization and with similar projects - will be the key to Thrasher working as an extension of your team, a role that will be beneficial for both the WVANG and the completion of this project.

With an office in Wheeling and a wide variety of ongoing projects in the area, we have the ability to be available on-site quickly when we are needed during this project - we want to assist the WVANG in this endeavor, and many others, supporting the critical work you do. We believe that Thrasher is the right partner for the WVANG on the Wheeling AASF #2 Hangar Addition.

Thank you for considering Thrasher for this collaboration. We look forward to an opportunity to speak further about your needs for this project and how The Thrasher Group can help make it a success.

Sincerely,
The Thrasher Group, Inc.



Bill Cook, AIA, NCARB, LEED AP
Project Manager and Architect

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.

(Printed Name and Title) Craig Baker, Principal

(Address) 600 White Oaks Blvd. | Bridgeport, WV 26301

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

(Email address) cbaker@thethrashergroup.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through *wvOASIS*, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; 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; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

The Thrasher Group, Inc.

(Company)



(Signature of Authorized Representative)

Craig Baker, Principal July 2, 2024

(Printed Name and Title of Authorized Representative) (Date)

304-624-4108 / 304-624-7831

(Phone Number) (Fax Number)

cbaker@thethrashergroup.com

(Email Address)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI 0603 ADJ24*07

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

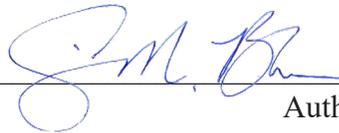
(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

The Thrasher Group, Inc.

Company



Authorized Signature

July 2, 2024

Date

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.

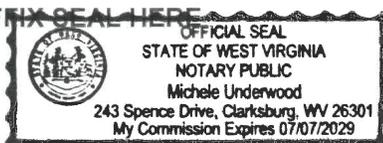
"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' 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.

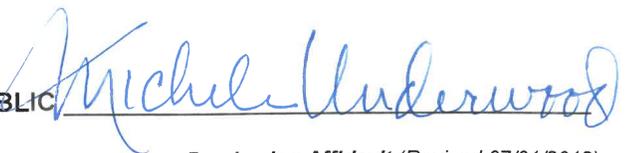
AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined 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:  Date: July 2, 2024State of West VirginiaCounty of Harrison, to-wit:Taken, subscribed, and sworn to before me this 2 day of July, 2024.My Commission expires July 7, 2029.

AFFIX SEAL HERE



NOTARY PUBLIC


Purchasing Affidavit (Revised 07/01/2012)



300+

EMPLOYEES

- 36 Licensed Professional Engineers
- 10 Licensed Professional Surveyors
- 7 Licensed Professional Architects
- 3 Licensed Professional Landscape Architects

MAIN POINT OF CONTACT:

Bill Cook, AIA, NCARB, LEED AP
 Project Manager and Architect
 bcook@thethrashergroup.com
 Cell: 304-203-2449
 Office: 304-624-4108



40+

YEARS

of delivering successful projects



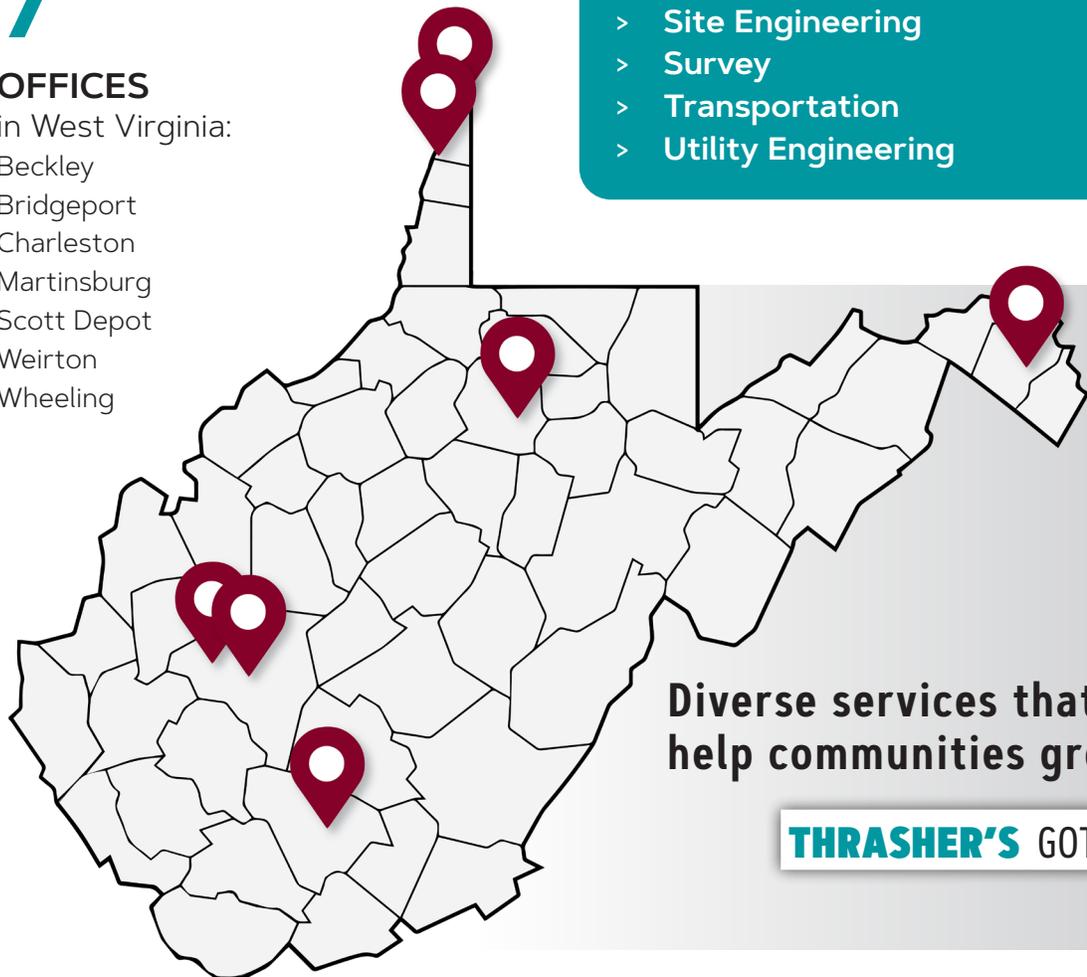
7

OFFICES

- in West Virginia:
- Beckley
 - Bridgeport
 - Charleston
 - Martinsburg
 - Scott Depot
 - Weirton
 - Wheeling

OUR SERVICES

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



Diverse services that help communities grow.

THRASHER'S GOT IT

A critical step in meeting your goals is first ensuring we understand your vision for the project. Thrasher's team has thoroughly reviewed the expression of interest request and is confident in our ability to deliver the highest-quality solutions for your needs. 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 a hangar addition at Wheeling and will handle them in the following manner:

▶ GOAL 2.1

We recognize that this project is in the preliminary stages, with the West Virginia Army National Guard using this first step as away to further their goals. With that in mind, Thrasher will prepare a 35% design that conveys the project concept and anticipated cost estimates. These documents will be used not only for preliminary design purposes, but – perhaps more importantly – as a way to help secure funding for the rest of the project's design and construction.

▶ GOAL 2.2

As the architect of record for this work, Thrasher will lead all aspects of the project. Our staff will coordinate with our long-time partners NGE to handle any necessary geotechnical engineering. We will also ensure all appropriate utilities research is completed and infrastructure drawings are provided as needed.

▶ GOAL 2.3

Should the West Virginia Army National Guard receive the funding necessary to move this project to Phase 2, Thrasher will be available and capable of completing all additional services to make this hangar renovation a success. Our architectural team will continue the design of the building, providing design updates at the 65%, 95%, and 100% milestones. Having worked on countless renovations in the state and with prior experience with the Guard, we will ensure appropriate compliance with all relevant building codes and military force protection regulations.

Once design is complete, Thrasher will use our network of construction contacts to assist with the bidding process. We take a proactive approach to this work, helping to solicit contractors to bid on the project – this allows for a more competitive bid process and provides a better result for the Owner. Upon selection of a contractor, our in-house Construction Administration team will work on the Guard's behalf to ensure that the renovations being built meet the plans and specifications, getting the end product intended.

▶ GOAL 2.4

We recognize that this project has the potential to be a multi-phase, multi-year project, with pricing for the design and the architect's fee being dependent upon which phase of the project is underway and whether further funding is obtained.

▶ GOAL 2.5

Thrasher will provide the Guard with a 35% design during the initial phase of this project. Should a Phase 2 be undertaken, we will continue the process and provide additional drawings for review at the 65%, 95%, and 100% stages, with cost estimates revised at each stage.

▶ GOAL 2.6

As a full-service firm, The Thrasher Group has the capabilities to facilitate the bidding process and provide an on-site Project Representative throughout construction. Our team will help ensure the project moves along seamlessly and the Guard is kept apprised of all progress, with timely updates on any challenges that arise.



QA/QC Procedure

Thrasher has an internal Quality Control Policy to ensure our projects move forward efficiently and effectively. The objectives of this manual are to continually improve the quality of the design and technical deliverables Thrasher provides to its internal and external clients.

This manual illustrates the basic requirements for quality control in our projects. It describes the methods for checking and reviewing product elements and client deliverables and includes rigorous comprehensive written check-lists for each stage of the design process, document production, and construction activities.

The purpose of these QC methodologies is to reduce or eliminate the potential for errors, omissions, ambiguities, and inconsistencies.

The policy outlines three main areas:

» General

Defines the purpose, intent and limitations, definitions, and implementation

» Project Management Procedures

Presents required procedures specific to this practice that allow for the efficient and accurate management of projects

» Check and Final Review Procedures

Presents required procedures specific to this practice that are used to insure technical accuracy of the work product





Cost control

Thrasher follows four main cost control principles:

Thorough construction documents — Starting off with detailed construction documents helps the entire project run more smoothly. By laying an accurate, realistic picture at the beginning of the process, we are able to complete your project more efficiently and with fewer change orders.

In-depth review process — The Thrasher team participates in an in-depth review process to ensure there is a thorough understanding of your project. Our construction administration team visits your site in person so we know exactly what is needed for the space.

Understanding of what things cost — Thrasher has a knowledgeable construction administration team that understands what it truly costs to make things happen. Rather than relying on general industry standards, our in-house professionals, can tell you what something will cost in actuality if the need arises.

Respect for your wallet — We respect your business needs and work to ensure the lowest-cost options we can find. We also keep you updated of budget throughout the process: an initial construction cost will be calculated to reflect your budget, and construction cost estimates will be delivered with the drawings at the end of Schematic Design, Design Development, and Construction Documentation. Adjustments to size and/or quality will be made, as necessary, during each design phase to maintain your budget.





Budgeting

Construction estimating and budgeting is one of the most important parts of what Thrasher can provide you. Without accurate budgets, there is no tool to guide the design process and issues will be inevitable. By including cost estimating as a part of the project scope from day one, we are able to avoid issues before they arise and keep your project within a reasonable cost.

Our estimates go beyond the typical system — rather than simply providing cost per foot or lump sum price, Thrasher will provide contractor-grade estimates that look at every part of the project. We do detailed take-offs of materials and look at every man hour needed to complete a project and factor this in accordingly. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.



Scheduling

Thrasher realizes the importance of establishing and maintaining project schedules. Time means money and making sure we help you spend your money wisely is our number one goal. Because of this, our team puts an emphasis on ensuring project timetables are met and communication is upheld throughout the process.

To accomplish these goals, Thrasher utilizes scheduling to track every stage of a project - from design and bidding through construction completion. We also require contractors working on our projects to regularly update their project schedules and give a detailed progress report at each job meeting, again focusing on the communication component of scheduling. This helps to ensure all parties are informed and aware of potential delays. Keeping our owners up to speed with progress is always our priority and ensures occupancy and owner supplied equipment are scheduled accordingly.

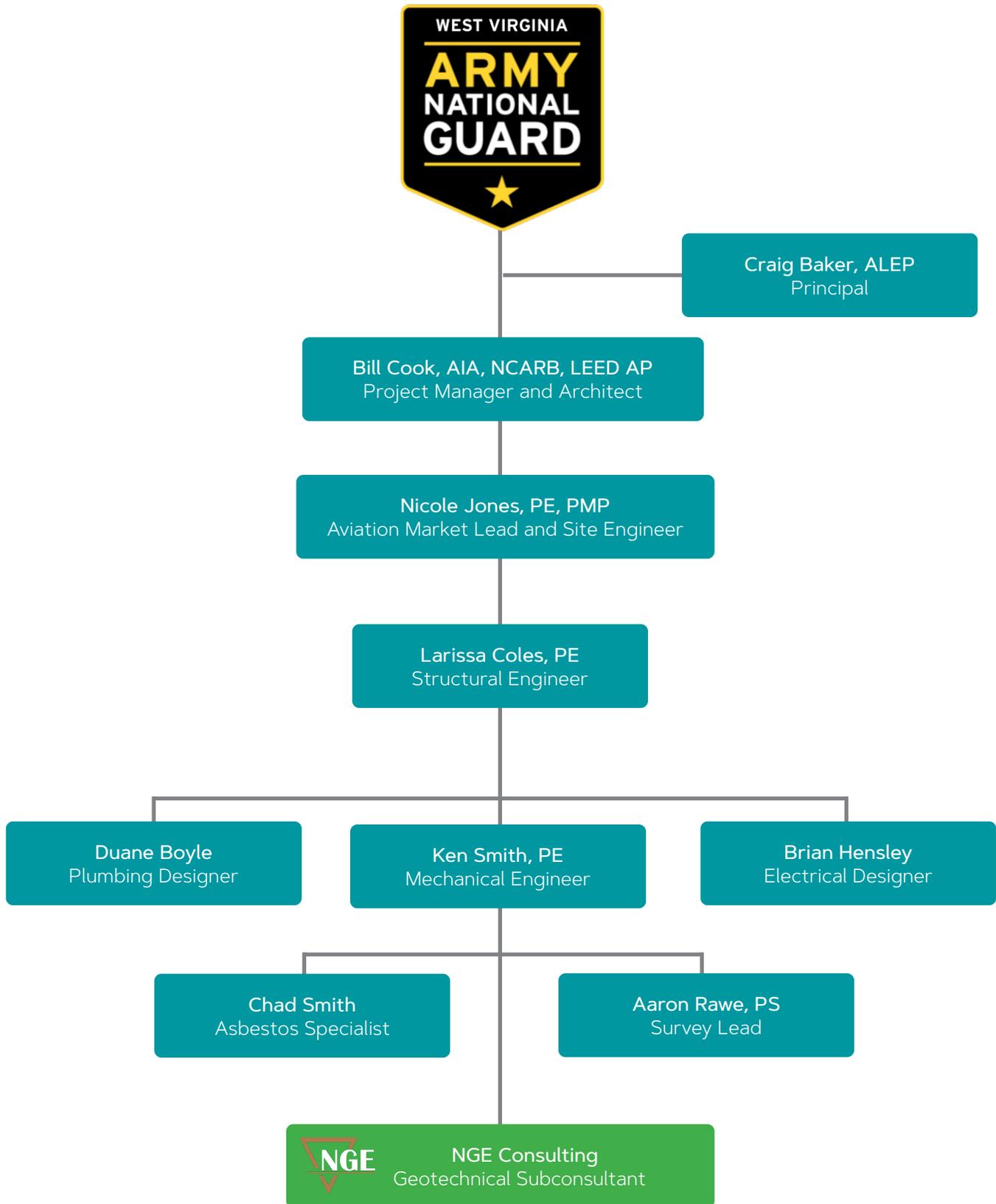
The Thrasher Group has successfully completed several projects for the West Virginia Army National Guard. We bring a comprehensive team of engineers, architects, and landscape architects to design facilities that are not only functional but aesthetic and easy to maintain. This team of multi-disciplinary experts has partnered with the Guard on a variety of project types over the years.

Below is a sampling of the projects we have done for West Virginia Army National Guard.

Thrasher Projects:

- » Stormwater Pollution Prevention Plan and Spill Prevention, Control, and Countermeasure Plan Development
- » National Pollutant Discharge Elimination System Individual Permit
- » Camp Dawson Stormwater
- » Wheeling Stormwater
- » Vehicle Wash Permits
- » Williamstown Apron Rehabilitation







CRAIG BAKER, ALEP

PRINCIPAL

Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Certifications

- > Accredited Learning
Environment Planner (ALEP)

Affiliations

- > American Institute of
Architects - Associate, West
Virginia and National Chapters
- > Council of Educational Facilities
Planner
- > West Virginia Energy Services
Coalition
- > The Education Alliance
Business and Community for
Public Schools - Board of
Directors

PROFESSIONAL OVERVIEW

Craig Baker, ALEP, is an experienced designer and manager with an extensive background working with clients to design, plan, and manage projects both large and small. As an Accredited Learning Environment Planner (ALEP), he has a special interest in the functionality and design of educational facilities.

Craig has worked on a wide variety of projects during his tenure at Thrasher. His knowledge includes a thorough understanding of industrial facilities, administrative office spaces, academic building design, government buildings, residences, medical facilities, and hospitality.

As manager of Thrasher's Architecture Market, Craig works hand-in-hand with staff and clients to ensure projects remain on time and within budget. In addition to his strong technical skills, Craig's attention to client communication and responsiveness make him an excellent manager. He manages coordination of construction, detailed construction document preparation, bidding, construction management, and contract administration.

EXPERIENCE

North Central West Virginia Airport New Hangar Construction
Project Manager | Harrison County, WV

North Central West Virginia Airport Terminal Renovations
Principal | Harrison County, WV

Summersville Airport Hangar Repair
Project Manager | Nicholas County, WV

**Central West Virginia Regional Airport Authority
Military Flight Operations Center**
Project Manager | Kanawha County, WV

Eastern West Virginia Regional Airport Authority Terminal Renovation
Principal | Berkeley County, WV

**North Central West Virginia Airport
Security Checkpoint and Waiting Room Renovations**
Principal | Harrison County, WV

**Tri-State Airport Authority
Huntington Tri-State Airport Elevator Tower**
Principal | Wayne County, WV

**Central WV Regional Airport Authority
Terminal Security Enhancements**
Principal | Kanawha County, WV



BILL COOK, AIA, NCARB, LEED AP

PROJECT MANAGER AND ARCHITECT

Education

Bachelor of Science,
Environmental Design,
State University of New York at
Buffalo

Master of Architecture
Texas Tech University

Registrations

Licensed Professional Architect:

- > West Virginia
- > Ohio
- > Pennsylvania

Affiliations

- > American Institute of
Architects (AIA)

PROFESSIONAL OVERVIEW

Bill Cook, AIA, NCARB, LEED AP, has over 25 years of experience as a registered architect and nearly 35 years in the architecture and planning field. He has worked with clients across the region on a variety of project types, including industrial, transportation, and maintenance facilities. Bill has worked on all aspects of these buildings, preferring to be involved from the very beginning of the project to the day the client takes possession and beyond, providing much needed continuity to the process. His experience gives him a refined eye for the design aspects of his work, as well as project construction and feasibility.

Bill brings a strong focus on details and constructability to his designs, and a thorough approach to the management process. As a LEED Accredited Professional, Bill works with clients to find cost saving and sustainable features that will enhance their projects, while providing value in terms of initial investment and long-term cost effectiveness. His educational background combined with his well-executed projects makes him a highly sought-after architect and manager.

EXPERIENCE

NorthStar Technologies Building Design

Project Manager | Harrison County, WV

West Liberty Aviation and Physical Therapy

Project Architect | Ohio County, WV

Treloar and Heisel Office Renovations

Project Architect | Lawrence County, PA

Charleston Area Alliance LIFT Center Renovations

Project Architect | Kanawha County, WV

Harrison County Economic Development Corporation

Harrison Regional Industrial Park

Project Architect | Harrison County, WV

Nicholas County Commission Courthouse Renovation

Project Manager | Nicholas County, WV

City of Morgantown Public Safety Building Renovations

Project Architect | Monongalia County, WV



William Cook

Name:	Cook William
Credential ID:	██████
Expiration Status:	Not Expired
Expiration date:	2025-06-30
Renewal Date:	2024-07-01
Disciplinary Action:	N/A

[SHOW ALL RESULTS FOR WILLIAM COOK](#)



NICOLE JONES, PE, PMP

AVIATION MARKET LEAD AND SITE ENGINEER

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

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

Affiliations

- > WAI Mountain State Chapter Secretary
- > Women in Aviation International (WAI) Member
- > Leadership Monongalia County

Trainings

- > WAI/Harvard University Emerging Leaders Program

PROFESSIONAL OVERVIEW

Nicole Jones, PE, PMP, oversees Thrasher's aviation team, serving as Division Lead and Project Manager for various airport improvements across the state of West Virginia and beyond. Nicole has managed a vast array of infrastructure enhancements related to the aviation industry, and helped her clients to secure millions of dollars in grants to complete their upgrades.

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

**West Virginia Army National Guard
Williamstown AASF #1 Apron Upgrades**
Project Manager | Harrison County, WV

**West Virginia International Yeager Airport
Terminal Security Enhancements**
Project Manager and Construction Administration | Kanawha County, WV

Raleigh County Memorial Airport New Taxiway and Runway Access
Project Manager | Raleigh County, WV

Raleigh County Airport Bunker Gear
Project Manager | Raleigh County, WV

North Central West Virginia Airport Aurora Hangar
Project Manager | Harrison County, WV

North Central West Virginia Airport Area B T-Hangars
Project Manager | Harrison County, WV

North Central West Virginia Airport MHI RJ Hangars
Project Manager | Harrison County, WV

Raleigh County Memorial Airport Terminal Addition
Project Manager | Raleigh County, WV

Raleigh County Airport Authority Runway 1-19 Rehabilitation
Project Manager | Raleigh County, WV

Name:	NICOLE M. JONES
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 06/15/2015
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 30.50
	Carryover Hours for Next Renewal: 0.50
	Last Renewal or Reinstatement Date*: 11/30/2022
WV Engineer Intern:	EI Certification Number: [REDACTED]
	EI Issue Date: 07/26/2010
Primary Address of Record:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC.
	<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>



LARISSA COLES, PE

STRUCTURAL ENGINEER

Education

Bachelor of Science,
Natural Resources
North Carolina State University

Bachelor of Science,
Civil Engineering
UNC-Charlotte

Registrations

Professional Engineer:

- > North Carolina
- > South Carolina
- > Georgia

PROFESSIONAL OVERVIEW

Larissa Coles, PE, has nearly three decades of experience in civil and structural Engineering design for a plethora of industries including industrial buildings, commercial office buildings, financial and religious institutions, hotels, and the food industries. She works closely with architectural design professionals, owners, and contractors to produce designs and details for construction. In addition to producing designs, she has also reviewed designs, completed inspections during construction, and managed a variety of projects both small and large.

EXPERIENCE

Green Creek Volunteer Fire Department

Project Engineer | Polk County, NC

Tryon Equestrian Center Riding Arena

Project Engineer | Polk County, NC

Best Western Hotel

Project Engineer | Craven County, NC

First Wesleyan Church Addition

Project Engineer | Gaston County, NC

South Blvd. Commercial Center

Project Engineer | Mecklenburg County, NC

American Zinc WOX Building Addition

Project Manager | Iredell County, NC

Joy Performance Center Addition

Project Manager | Gaston County, NC

Bills Creek Volunteer Fire Department

Project Engineer | Rutherford County, NC

Holiday Inn Express

Project Engineer | Brunswick County, NC

Stonebrook Lodge

Project Engineer | Cherokee County, NC



KEN SMITH, PE

MECHANICAL ENGINEER

Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio
- > Kentucky

Affiliations

- > American Society of
Heating, Refrigerating, and
Air Conditioning Engineers
Member

PROFESSIONAL OVERVIEW

Ken Smith, PE, has become a vital member of the Thrasher team with his impressive experience in mechanical engineering, project management, and construction administration. His skills in HVAC system design (heating, ventilation, and air conditioning), bidding and estimating, and energy efficiency have led to the success of numerous projects.

Ken utilizes notable leadership and communication skills as a Project Manager by coordinating with clients and engineers regarding project requirements. Additionally, he has extensive proficiency in designing HVAC systems for offices, schools, multifamily residential buildings, and other structures including water and wastewater facilities.

EXPERIENCE

Benedum Airport Authority Bombardier Aircraft Hangars

Mechanical Engineer | Harrison County, WV

North Central West Virginia Airport Aurora Hangar

Mechanical Engineer | Harrison County, WV

West Virginia International Yeager Airport Flight Information and PA System

Project Engineer | Kanawha County, WV

West Virginia International Yeager Airport HVAC Replacement

Project Engineer | Kanawha County, WV

West Virginia International Yeager Airport Wayfinding Signage Replacement

Mechanical Engineer | Kanawha County, WV

West Virginia International Yeager Airport Restroom Renovations

Project Engineer | Kanawha County, WV

Eastern WV Regional Airport Authority Hangar Renovation

Mechanical Engineer | Berkeley County, WV

Eastern WV Regional Airport Authority Terminal Renovation

Mechanical Engineer | Berkeley County, WV

Advanced Technological Center Welding Lab Ventilation System

Project Manager and Designer | Marion County, WV

Hardy County Public Service District Office Building

Project Engineer | Hardy County, WV

Name:	KENNETH E. SMITH
WV Professional Engineer:	PE License Number: [REDACTED]
	PE License Status: Active
	PE Issue Date: 07/16/1992
	PE Expiration Date: 12/31/2024
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 37.50
	Carryover Hours for Next Renewal: 7.50
	Last Renewal or Reinstatement Date*: 12/7/2022
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	[REDACTED]
Primary Employer of Record:	THE THRASHER GROUP, INC.



DUANE BOYLE

PLUMBING DESIGNER

Education

Associate Degree,
Mechanical Design
Ashland Regional Technology
Center

Certifications

- > Mechanical Drafting
- > AutoCAD R13&14 (Ashland
Regional Technology Center)

Affiliations

- > Associated Builders and
Contractors, Inc.

PROFESSIONAL OVERVIEW

Duane Boyle, Plumbing Designer, brings Thrasher value in several capacities. He has provided plumbing designs for various project types over the years, such as tenant build-outs, schools, assisted living and memory care facilities, and warehouses. Several of Duane's daily duties consist of performing plumbing calculations, fixture selections, attending project development meetings, checking shop drawings, and coordinating with all other disciplines. Most of his work involves providing these design services from the beginning to end of a project using the most current versions of AutoCAD and Revit. Duane is capable of providing field verified documents of all existing plumbing systems on site and hand drawn existing systems for use in the design and development of new construction documents. He also performs field inspections and generates field reports of observations.

EXPERIENCE

North Central West Virginia Airport Aurora Hangar

Plumbing Designer | Harrison County, WV

North Central West Virginia Airport Bombardier Hangars

Plumbing Designer | Harrison County, WV

North Central West Virginia Airport Logistics Park

Plumbing Designer | Harrison County, WV

West Virginia International Yeager Airport Restroom Renovations

Plumbing Designer | Kanawha County, WV

City of Charleston Police Station Renovations

Plumbing Designer | Kanawha County, WV

Dominion Energy Mount Storm New Office Building

Plumbing Designer | Grant County, WV

WV Office of Miners' Health Safety and Training Kitchen Renovations

Plumbing Designer | Kanawha County, WV

Camden Family Health Administrative Office Schematic Design

Plumbing Designer | Webster County, WV

Hardy County Public Service District Office Building Renovations

Plumbing Designer | Hardy County, WV

Boone Memorial Hospital

Plumbing Designer | Boone County, WV



BRIAN HENSLEY

ELECTRICAL DESIGNER

Education

Bachelor of Science,
Electrical Engineering
West Virginia University Institute
of Technology

Certifications

- > Underground Coal Miner [REDACTED]
- > Surface Coal Miner [REDACTED]
- > Certified Electrician Low/
Medium/High [REDACTED]
- > Surface Mine Foreman [REDACTED]
- > Class 33 EMT-M
- > Certified Unlimited Instructor
EC,EE,IS,IU
- > AEP Class C Substation

Trainings

- > P&H Mining Equipment
4100XPB Mechanical and
Electrical
- > Rockwell Automation
PLC5 Maintenance and
Troubleshooting
- > Rockwell Automation
SLC500 Maintenance and
Troubleshooting

PROFESSIONAL OVERVIEW

Brian Hensley is an Electrical Designer serving Thrasher in a number of capacities. He works primarily with the Buildings and Facilities and Water Resources Markets, providing expertise in electrical work of all types. He has served as an MEP specialist for both public and private clients, working on everything from educational facilities to utility extensions and much more. Prior to joining Thrasher, Brian supervised projects such as installation and maintenance of complex mining equipment and power lines, substation maintenance, and underground communications. His understanding of electrical design, paired with his ability to find innovative solutions, makes Brian a valued member of the Thrasher team.

EXPERIENCE

North Central West Virginia Airport Aurora Hangar

Electrical Designer | Harrison County, WV

North Central West Virginia Airport Bombardier Hangars

Electrical Designer | Harrison County, WV

North Central West Virginia Airport Logistics Park

Electrical Designer | Harrison County, WV

West Virginia International Yeager Airport Restroom Renovations

Electrical Designer | Kanawha County, WV

City of Charleston Police Station Renovations

Electrical Designer | Kanawha County, WV

Baker Heights Fire Station

Electrical Designer | Berkeley County, WV

City of Charleston Slack Plaza

Electrical Designer | Kanawha County, WV

City of Salem Armory HVAC Evaluation

Electrical Designer | Harrison County, WV

Boone Memorial Hospital

Electrical Designer | Boone County, WV

Pocahontas Memorial Hospital Rural Health Addition

Electrical Designer | Pocahontas County, WV



CHAD SMITH

ASBESTOS SPECIALIST

Registrations

- > WV Licensed Asbestos Inspector
- > WV Licensed Asbestos Management Planner
- > WV Licensed Asbestos Project Designer
- > West Virginia Licensed Asbestos Clearance Air Monitor

Certifications

- > Lead Based Paint Inspector
- > National Home Inspector Examination
- > Graduate Home Inspector
- > NITON Corporation, NITON XRF Spectrum Analyzer
- > Lead Inspector Certificate
- > Asbestos Project Designer Initial
- > Clandestine Drug Lab Remediation Tech Initial Certificate
- > WVAHI Awareness Class on Radon
- > WVAHI Awareness Class on Termite Inspection and Crawl Space Encapsulation
- > Fortune Builders Rehabber's Boot Camp
- > Certified Microbial Investigator through Indoor Sciences IAQ Training and Consulting
- > Lead Based Paint Inspector Initial Certificate
- > Lead Risk Assessor Initial Certificate

PROFESSIONAL OVERVIEW

Chad Smith serves as an Environmental Scientist for Thrasher with a primary focus as the Lead Asbestos Specialist. He brings over 30 years of environmental consulting to the Thrasher team. Chad's experience focuses on asbestos, lead-based paint, mold, and methamphetamine, including air monitoring for asbestos and lead abatement projects. He has performed over 5000 asbestos inspections. Beyond his field experience, Chad brings the unique aspect of being a business owner – allowing him the inside-out knowledge of managing a project and the team involved throughout it.

EXPERIENCE

Kanawha County Commission Brownfields Assessment

Licensed Asbestos Inspector | Kanawha County, WV

Watt Powell Baseball Park

Licensed Asbestos Inspector | Kanawha County, WV

Charleston Area Medical Center

Licensed Asbestos Inspector | Kanawha County, WV

Kanawha County Schools

Licensed Asbestos Inspector | Kanawha County, WV

Hampshire County Development Authority Hospital Asbestos Abatement

Licensed Asbestos Inspector | Hampshire County, WV

Camden-Clark Hospital

Licensed Asbestos Inspector | Wood County, WV

Thomas Memorial Hospital

Licensed Asbestos Inspector | Kanawha County, WV

Coalfield Development Corporation JUST Transition Center

Licensed Asbestos Inspector | Logan County, WV

Union Carbide

Licensed Asbestos Inspector | Kanawha County, WV

Charleston Area Development Corporation Charleston LIFT Center

Licensed Asbestos Inspector | Kanawha County, WV



AARON RAWE, PS

SURVEY LEAD

Education

Associates of Science,
Surveying Technology
Glennville State College

Registrations

Professional Surveyor:

- > West Virginia
- > Kentucky

Affiliations

- > West Virginia Society of
Professional Surveyors

Trainings

- > Safeland
- > OSHA Training
- > First Aid and Medical
Emergency Action Procedure

PROFESSIONAL OVERVIEW

Aaron Rawe, PS, serves as a Survey Project Manager for Thrasher working out of the Bridgeport office. His experience covers various aspects of surveying, including routing, as-builts, preliminary, construction stakeout and boundary of construction management. He is experienced both in the field and orchestrating projects behind the scenes. He brings over a decade of experience to the team.

As part of his management role, Aaron also meets with project stakeholders, area residents, local utility companies, and the project engineers to ensure that schedules are being met and to regularly update all parties on construction status. Additionally, he is progressively responsible for the coordination of field crews, data collection, site layouts, ALTA surveys, subsidence and topographic surveys.

Aaron also assists in the management of the Mapping Department here at Thrasher. He is responsible for the coordination between photogrammetrist and field crews in helping determine the placement of photo targets and items to be located for photo control. He helps process and QA/QC all data coming in from the field before delivering it to the photogrammetrist to use for the air trig of the projects.

EXPERIENCE

West Virginia Army National Guard Hangar

Survey Manager | Harrison County, WV

West Virginia Army National Guard Emivest Hangar

Survey Manager | Berkeley County, WV

Ruby Memorial Hospital Building and Utility Location Surveys

Survey Manager | Monongalia County, WV

City of Westover Alley Survey

Project Manager | Monongalia County, WV

Eastern West Virginia Regional Airport Survey

Survey Manager | Berkeley County, WV

Mid-Ohio Valley Regional Airport Survey

Survey Manager | Wood County, WV

Fairmont Municipal Airport Surveying

Survey Manager | Marion County, WV

West Virginia Board of Professional Surveyors > Surveyor Search Results

SURVEYOR SEARCH RESULTS

Aaron Jacob Rawe

License Number: [REDACTED]

Current Status: Active

Bridgeport, WV 26330

North Central West Virginia Airport

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

West Virginia Army National Guard

Mr. Jim Skaggs, Technical Analyst
Division of Engineering Facilities
1707 Coonskin Drive
Charleston, WV 25311
304-561-6550

Regional Economic Development Partnership

Mr. Kevin Price, Chief Development Officer for Aviation
1100 Main Street, 3rd Floor
Wheeling, WV 26003
304-417-3975



 **NORTH CENTRAL WV AIRPORT**
Aurora Hangar

Client Contact:

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

The Thrasher Group’s Architecture and Site Divisions worked together to create a 20,000 square foot hangar at North Central West Virginia Airport. This design was completed for the Mid Atlantic Aerospace Complex. This project, designed to house an airplane, included basic lighting, insulation, a man door, and rolling hangar door. It also included the addition of ramp space and taxiway H1 to access the hangar. Thrasher also provided utility extensions to the building. This project was completed in a design-bid-build format.



NORTH CENTRAL WV AIRPORT Terminal Renovations

Client Contact:

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

Over the last 20 years the North Central West Virginia Airport has grown tremendously, creating a strain on the existing infrastructure. The terminal building was built for general aviation use and due to the growth of the EAS program and commercial service, renovations to the building were needed. The Thrasher Group was hired to provide a variety of updates and creative solutions to the space issues being faced, all which were completed while the terminal remained open to passengers.

One of the major upgrades was the addition of new restrooms. Restrooms were added to the hold room so passengers could stay inside the sterile area while waiting for their aircraft, reducing the congestion in the ticket area with passengers accessing the TSA checkpoint. The TSA checkpoint area was relocated, allowing passengers a clear path off the aircraft while also allowing for arriving passengers a larger area to queue in line.

The hold room was then expanded by adding square footage onto the terminal building. This allowed the hold room to be more accommodating for ADA compliance with additional seats for up to 150 passengers. During this renovation, a new roof was installed on the terminal as well as a canopy that could accommodate coach size buses that could drop off/pick up passengers. Multiple lanes of cars can also stack under the canopy for loading/unloading.



 **EASTERN WV REGIONAL AIRPORT**
Terminal and Hangar Renovations

Client Contact:

Mr. Nic Diehl, Executive Director
170 Aviation Way | Martinsburg, WV 25405
nic@flymrb.com

The Thrasher Group was hired by the Eastern WV Regional Airport to conduct terminal and hangar renovations. In the additions to the terminal, it included demolishing an existing wall to open up a portion of the terminal to the lounge, the addition of a coffee bar inside the lounge, and a new kitchen breakroom adjacent to the lounge. Two new offices were also created as part of the work. New finishes such as carpet and paint were installed to enhance and finish the space.

The renovations of the hangar space included converting the support space of an existing hangar into multiple offices for hangar tenants. The existing breakroom was renovated and new laundry facilities added. An existing closet next to the restrooms was converted to a shower. New finishes such as carpet, paint, and ceilings were installed to enhance and finish the spaces.



BOY SCOUTS OF AMERICA

J.W. Marriott Jr. Leadership Center and Yamagata Hall

Client Contact:

Mr. Rob Ridgeway,
Facilities and Development Director
2550 Jack Furst Drive | Glen Jean, WV 25846
304-646-2312

The JW Marriott Leadership Center is one of several new buildings at the Summit Bechtel Reserve in Glen Jean, West Virginia. This building works in conjunction with other activities at the Reserve as a remote retreat designed to stimulate out-of-the-box thinking while immersing guests in a wooded habitat with expansive views of the valley below.

The JW Marriott Leadership Center provides numerous spaces for educational, social, and dining activities with a flexible, fluid design. The building contains a two-story lobby that offers several break-out spaces for learning and collaboration, as well as a link to the adjacent lodge. Classrooms can be divided into different configurations to accommodate a variety of group sizes. The building's auditorium – Yamagata Hall – can be adapted for use for lectures, movies, theater, and live music performance. Additionally, the primary spaces lack parallel walls and have sloping ceilings with unique lighting systems, while the circulation paths create an ever-unfolding environment.



THRASHER