



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: 1384606

Procurement Type: Central Contract - Fixed Amt

Vendor ID: 000000204787 

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 04/05/2024 

Response Time: 9:36

Responded By User ID: Thrasher 

First Name: Anjelica

Last Name: D'Annunzio

Email: adannunzio@thethrasher.org

Phone: 304-624-4108

SO Doc Code: CEOI

SO Dept: 0211

SO Doc ID: GSD2400000004

Published Date: 4/3/24

Close Date: 4/5/24

Close Time: 13:30

Status: Closed

Solicitation Description: Building 29 (Hangar) Renovations

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: 1384606
Solicitation Description: Building 29 (Hangar) Renovations
Proc Type: Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2024-04-05 13:30	SR 0211 ESR04052400000005832	1

VENDOR
 000000204787
 THE THRASHER GROUP INC

Solicitation Number: CEOI 0211 GSD2400000004
Total Bid: 0
Response Date: 2024-04-05
Response Time: 09:36:35
Comments:

FOR INFORMATION CONTACT THE BUYER
 Melissa Pettrey
 (304) 558-0094
 melissa.k.pettrey@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	Professional engineering services				0.00

Comm Code	Manufacturer	Specification	Model #
81100000			

Commodity Line Comments:

Extended Description:

Professional engineering services

THRASHER

WEST VIRGINIA DEPARTMENT OF ADMINISTRATION Building 29 Hangar Renovations

Submitted by:

The Thrasher Group, Inc.

April 5, 2024



April 5, 2024

Attn: Ms. Melissa Pettrey, Senior Buyer
West Virginia Department of Administration
2019 Washington Street East
Charleston, WV 25305

RE: West Virginia Department of Administration - Building 29 Hangar Renovations

Dear Ms. Pettrey and Members of the Selection Committee:

The West Virginia Department of Administration is in need of renovations for the Building 29 Hangar. As a structure originally constructed in the 1970s and later relocated, not only is there normal age deterioration to consider, there could also be issues hiding under the surface. The Department of Administration needs a partner who will thoroughly evaluate the building and tackle the full scope of the project, rather than simply crossing off tasks. As a firm with both in-house aviation specialists and dedicated architects, The Thrasher Group is the right partner for the job.

As a full-service consulting firm, Thrasher has employees from a diverse set of backgrounds and specialties. Thrasher's Aviation Market, for example, has worked on airfields across the state and beyond. We have completed multiple hangar projects, from new builds to complex renovations. Additionally, the cumulative knowledge and experience that our architects bring with building renovations will enable us to work with you to efficiently identify project goals, establish accurate budgets, and develop successful design solutions. Our team has a superb track record of producing solid construction documents, getting projects competitively bid, administering the construction process, and ensuring projects are completed on time and within budget.

Much of that success can be attributed to our approach of engaging all stakeholders early and throughout the planning and design process to assure that the end result aligns with overall project goals. Through these efforts, we have developed strong relationships with the clients with whom we work, which has resulted in lasting partnerships and successful long-term outcomes for our clients.

We appreciate the opportunity to share our qualifications with you and look forward to further discussing how The Thrasher Group can be your partner in bringing this project to life.

Sincerely,
The Thrasher Group, Inc.



Nicole Jones, PE, PMP
Project Manager

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 April 3, 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 GSD240000004

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 checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input checked="" 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

April 3, 2024

Date

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

Revised 6/8/2012

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: April 3, 2024State of West VirginiaCounty of Harrison, to-wit:Taken, subscribed, and sworn to before me this 3 day of April, 2024.My Commission expires July 7, 2024.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:

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



40+

YEARS

of delivering successful projects



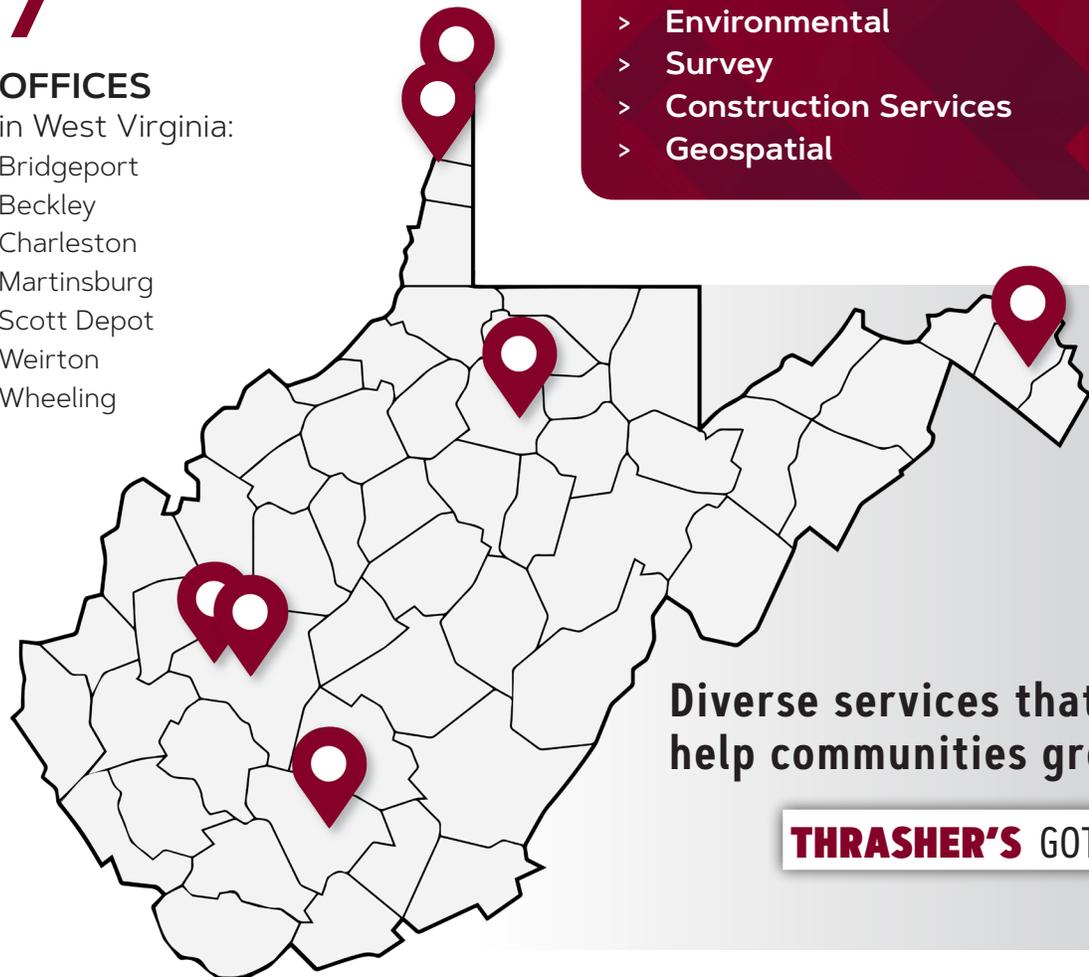
7

OFFICES

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

OUR SERVICES

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



Diverse services that help communities grow.

THRASHER'S GOT IT

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 Building 29 Hangar Renovations and will handle them in the following manner:

Goal 2.1 | Roof Renovations

The Thrasher Group has completed countless roof renovations and has gained unparalleled knowledge on how to complete roofing projects, just like Building 29's needs. Our team will evaluate the roof and present stakeholders with possible courses of action to either clean and re-coat or replace the roof entirely.

Goal 2.2 | Exterior Metal Wall Panels

The Thrasher team will evaluate all the walls and prepare plans for the most advantageous method of repairs and cleaning.

Goal 2.3 | NFPA 101 Life Safety Code and NFPA 409 Fire Safety

The team we have assembled for this project specializes in airport architecture and engineering. Thrasher will be able to provide all necessary architecture and engineering services for the Building 29 renovations. 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, including NFPA 101 and NFPA 409.

Goal 2.4 | Pavement and Drainage

Our approach to drainage, especially on existing facilities, is to review our survey contours but also to visit the site during a rain event to see exactly what is happening when it rains and where the water is flowing and ponding. This will help us have an overall understanding of the issues that are occurring so a specialized plan on how to meet your needs can be developed.

Thrasher will keep your project goals in mind throughout the process. We will address each in turn, working directly with the West Virginia Department of Administration 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 architects and engineers 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 Building 29. 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 Department of Administration 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.



Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the West Virginia Department of Administration immediately upon notification of award and will maintain consistent lines of communication for the duration of the project. This will ensure all parties involved - owner, architect, and contractor - are apprised of the project happenings.

The two main components of the project approach will be design and construction. Each will have its own plan for communication.

Communication During Design

Prior to the initiation of design services, Thrasher's Principal, Craig Baker, will discuss preferred methods of communication with the West Virginia Department of Administration's point of contact. Updates during the design phase can occur in numerous ways:

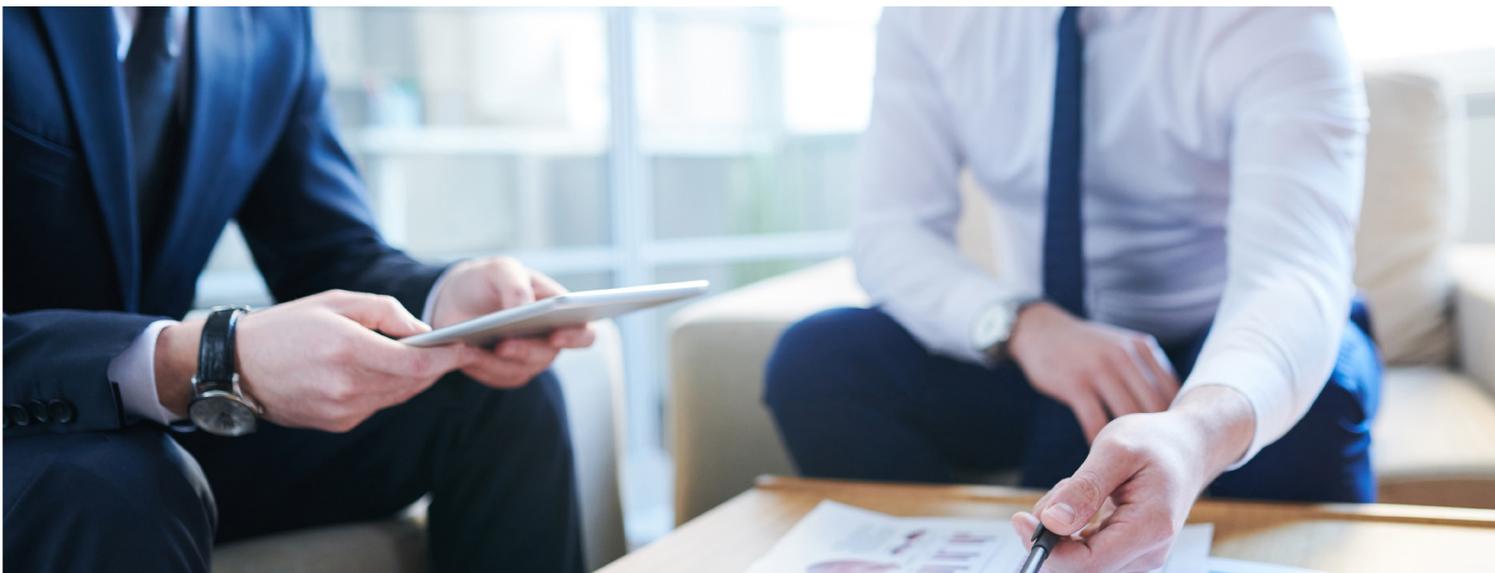
- » Weekly status updates via email
- » Weekly conference calls
- » Regular progress meetings

No matter the methods preferred, our project teams are well versed in keeping our clients abreast of project status. We can customize your project's communication plans to best fit your teams' wants and needs.

Communication During Construction

Before construction begins, Craig and team will again meet with the Department of Administrations team to determine preferred communication tools for this phase of the project. Open, consistent communication will be paramount to keep the project on-time and within budget.

Additionally, Thrasher will conduct bi-monthly meetings with the contractor, the Department of Administration, and key project stakeholders throughout the duration of the project. Meeting minutes will be distributed to all attendees and any other agents identified by the Department of Administration's. Action items will be documented within the meeting minutes.





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.





CRAIG BAKER, ALEP

PRINCIPAL

Education

Bachelor of Science,
Architectural Engineering
Fairmont State University

Advanced Certificate,
Educational Facilities Planning
San Diego State University

Certifications

- > American Institute of Architects - Associate, West Virginia and National Chapters
- > Accredited Learning Environment Planner (ALEP)
- > 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.

As manager of Thrasher's Building's and Facilities 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.

A growing piece of Craig's portfolio centers on the aviation industry. Craig has developed a keen interest in design projects at airports across West Virginia. His resume in this field centers on renovation projects. This work includes, but is not limited to, renovations of building façades, TSA checkpoints, baggage claim, rental car counters, waiting rooms, restrooms, executive offices, HVAC systems, hangars, and more. Craig works in conjunction with Thrasher's engineers to navigate all airport-specific regulations, security considerations, and more.

EXPERIENCE

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

Summersville Airport Hangar Repair
Project Manager | Nicholas County, WV

**Central West Virginia Regional Airport Authority
Terminal Roof Rehabilitation Phase I**
Principal | Kanawha County, WV

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

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

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



NICOLE JONES, PE, PMP

PROJECT MANAGER AND AVIATION MARKET LEADER

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia

Project Management Professional

Affiliations

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

Nicole has designed a variety of upgrades, lighting and security upgrades, ramp rehabilitation, terminal improvements, and a runway extension and widening just to name a few. 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

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

Raleigh County Airport Authority Taxilane to Corporate Hangar
Project Manager | Raleigh County, WV

West Virginia International Yeager Airport Drainage Improvements
Project Manager | Kanawha County, WV

West Virginia International Yeager Airport Equipment Acquisitions
Project Engineer | Kanawha County, WV

North Central West Virginia Airport Industrial Park
Project Manager | Harrison County, WV

Greater Cumberland Regional Airport Taxiway Rehabilitation
Project Manager | Mineral County, WV

Raleigh County Memorial Airport New Taxiway
Project Manager | Raleigh County, WV



NICOLE JONES, PE, PMP

PROJECT MANAGER AND AVIATION MARKET LEADER

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>



PHILIP FREEMAN, AIA, NCARB

PROJECT ARCHITECT

Education

Master of Architecture,
Virginia Polytechnic Institute and
State University

Bachelor of Science,
Architectural Engineering
Technology
Fairmont State University

Registrations

Professional Architect:

- > West Virginia
- > Virginia
- > Pennsylvania
- > Maryland

Certifications

- > American Institute of
Architects
- > West Virginia Society of
Architects
- > NCARB Certification

PROFESSIONAL OVERVIEW

Philip Freeman, AIA, NCARB serves as one of Thrasher's lead Project Architects with over 25 years of experience working all across the Mid-Atlantic region. Philip has built an impressive portfolio of work totaling more than \$400 million in construction and has earned both an AIA Merit Awards and was integral involved in the design of West Virginia's first LEED Gold certified private office facility. Additionally, Philip had the opportunity to serve as a Project Associate and Package Manager for one of Pittsburgh's most iconic structures - PNC Park, Home of the Pittsburgh Pirates.

Aside from his professional career at Thrasher, Philip also serves as the Chair for Fairmont State University's Architecture Department where he teaches and mentors future architects.

EXPERIENCE

North Central West Virginia Airport Aurora Hangar
Lead Architect | Harrison County, WV

North Central West Virginia Airport Two 50,000 SF Hangars
Lead Architect | Harrison County, WV

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

North Central West Virginia Airport TSA Baggage Scanning Facility
Lead Architect | Harrison County, WV

City of Bridgeport Fire Department Renovations and Additions
Lead Architect | Harrison County, WV

Akron-Canton Regional Airport Authority Visitors Center Renovation
Lead Architect | Summit County, OH

Upshur County Development Authority Innovation Center
Lead Architect | Upshur County, WV



PHILIP FREEMAN, AIA, NCARB

PROJECT ARCHITECT



PHILIP FREEMAN

Name:	FREEMAN PHILIP
Credential ID:	[REDACTED]
Expiration Status:	Not Expired
Renewal Date:	2023-05-30
Expiration date:	2024-06-30

[SHOW ALL RESULTS FOR PHILIP FREEMAN](#)



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

Eastern WV Regional Airport Authority Hangar Renovation

Mechanical Engineer | Berkeley 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

Yeager Airport Restroom Renovations

Project Engineer | Kanawha County, WV

Eastern WV Regional Airport Authority Terminal Renovation

Mechanical Engineer | Berkeley County, WV



KEN SMITH, PE

MECHANICAL ENGINEER

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.



BRIAN HENSLEY

ELECTRICAL DESIGNER

Education

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

Certifications

- > 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 Slack Plaza

Electrical Designer | Kanawha County, WV

City of Charleston Police Station Renovations

Electrical Designer | Kanawha County, WV

Calhoun-Gilmer Career Center Restroom Renovations

Electrical Designer | Calhoun County, WV



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 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

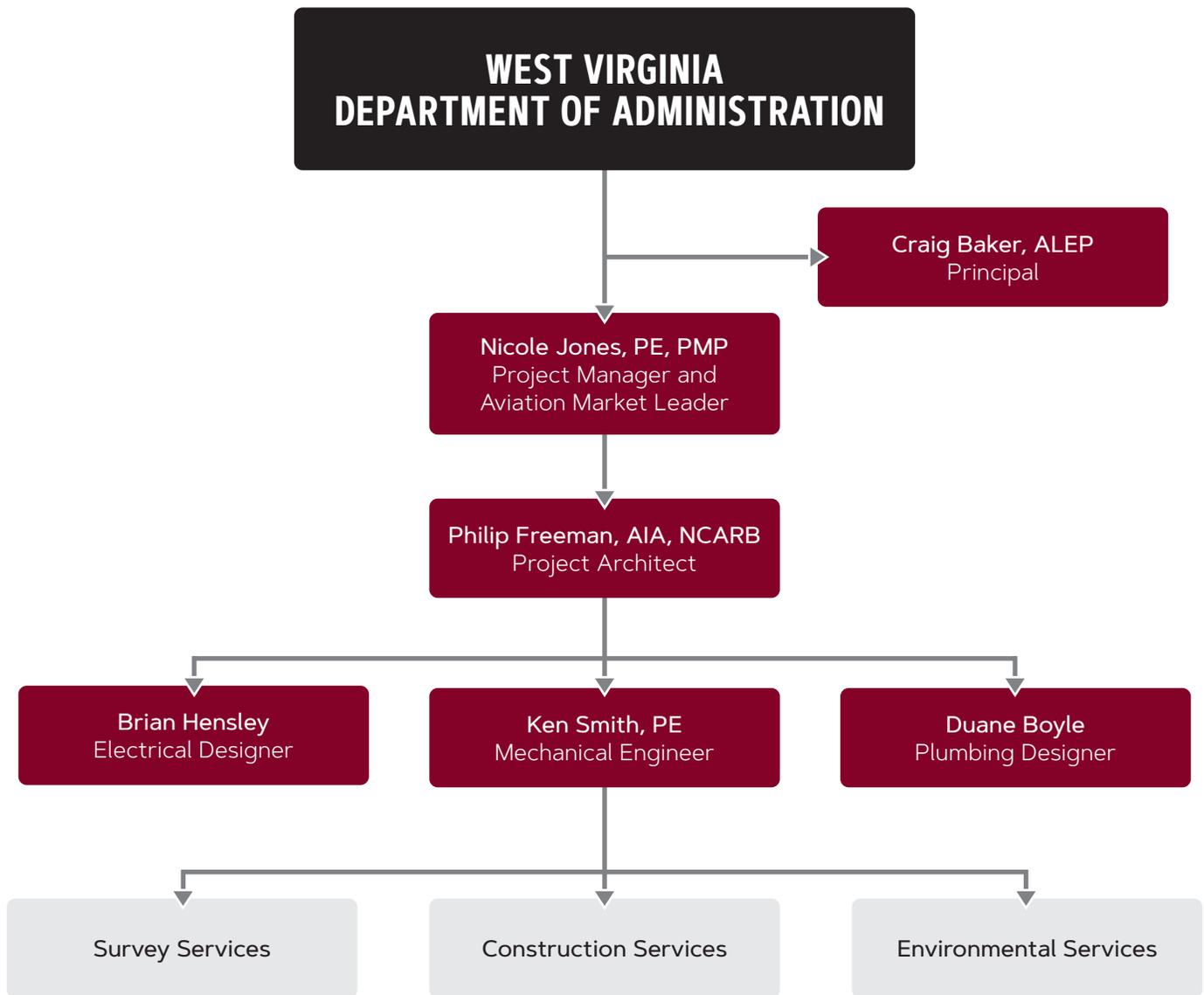
Calhoun-Gilmer Career and Technical Center Restroom Renovations
Plumbing Designer | Calhoun County, WV

Boy Scouts of America Steve A. Antoline Conservation Center
Plumbing Designer | Fayette County, WV

Roane County Schools Safe School Entrances
Plumbing Designer | Roane County, WV

The Landing at Meadow View Apartments
Plumbing Designer | Harrison County, WV

Roane County Family Health Care New Entrance
Plumbing Designer | Roane County, WV



Benedum Airport Authority

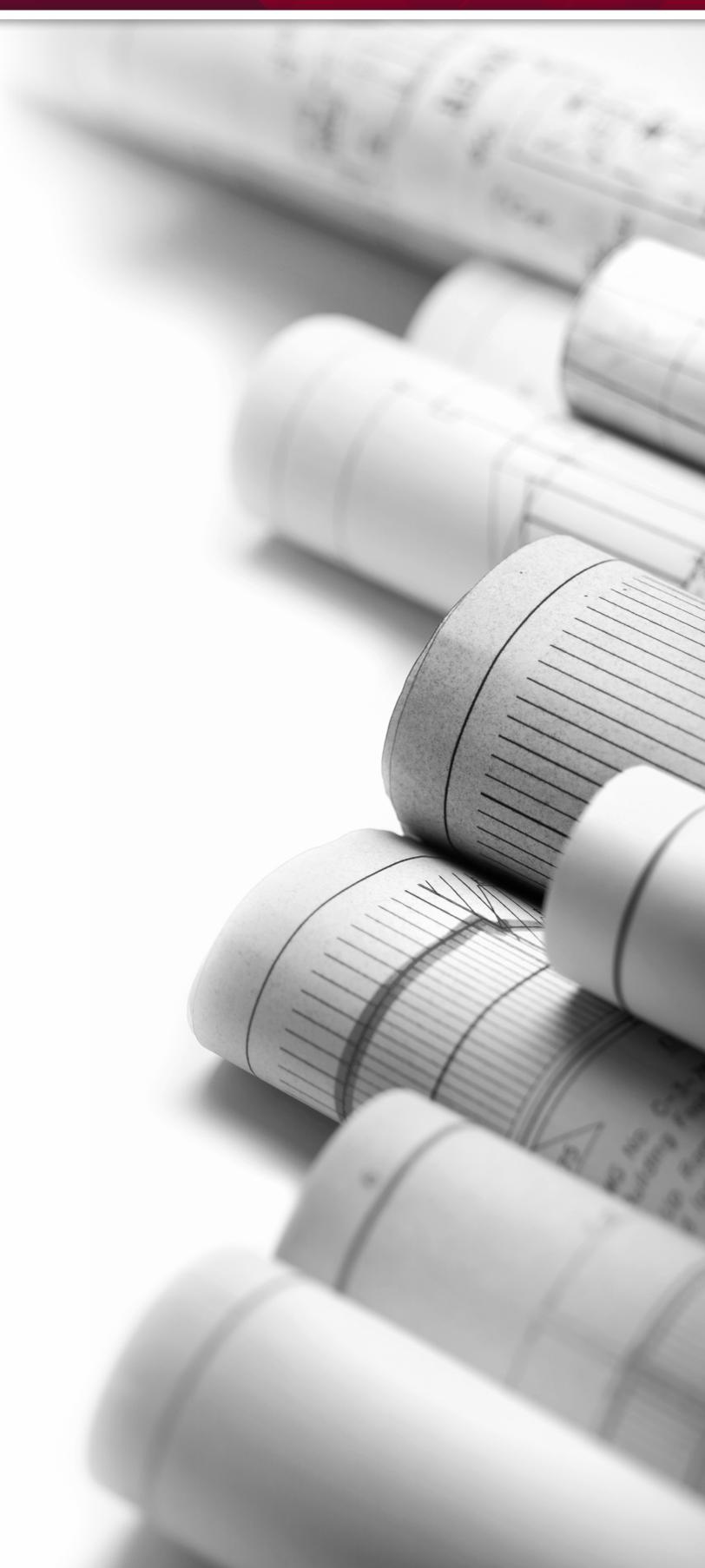
Mr. Shawn Long, Deputy Director
2000 Aviation Way
Bridgeport, WV 26330
304-709-3401

West Virginia International Yeager Airport

Ms. Dominique Ranieri, Airport Director
100 Airport Road, Suite 175
Charleston, WV 25311
304-344-8033

Harrison County Schools

Mr. Jimmy Lopez, Director of Maintenance
445 W. Main Street
Clarksburg, WV 26330
304-326-7300



2023 ACEC WV
Engineering Excellence
Award Winner



NORTH CENTRAL WV AIRPORT Hangars and Apron Construction

Client Contact:

Mr. Shawn Long, Deputy Director
2000 Aviation Way | Bridgeport, WV 26330
304-709-3401

Mitsubishi Heavy Industries, Regional Jet (MHI RJ) is located at the North Central West Virginia Airport in Bridgeport, West Virginia. In 2019, MHI RJ was well past the capacity of their existing facility and needed additional hangars and apron space to keep up with their customer workload. The Thrasher Group was hired by the Benedum Airport Authority to be a part of the team to find an area next to MHI RJ's current facility that could be used for their expansion needs. Thrasher, the Airport, and MHI

RJ immediately began working together to find the solution. The area that was identified was home to old, dilapidated T-hangars. These dated structures were demolished to accommodate the new space for MHI RJ. The Thrasher team maximized the site to get greatest extent, however, there were several site constraints, particularly the existing utilities that had to be carefully protected while trying to install new ones. Stormwater management was critical for this site, and with limited space, the team used underground detention chambers that could control the quantity and quality of water leaving the site. Additionally, because the site has minimal grades, additional inlets were needed to be placed around the hangar to have positive drainage from the facility.

At the end of the project, two box hangars (44,000 square feet each) and a 42,000 square foot apron were constructed. This project was able to be completed with no disruptions with airport or MHI operations.

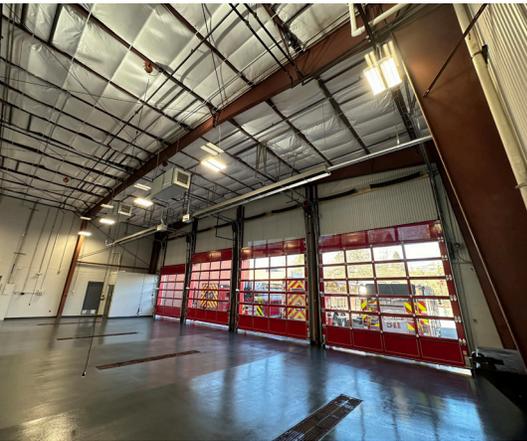


 **NORTH CENTRAL WV AIRPORT**
Aurora Hangar

Client Contact:

Mr. Shawn Long, Deputy Director
2000 Aviation Way | Bridgeport, WV 26330
304-709-3401

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.



 **CITY OF BRIDGEPORT**
Fire Station Renovations

Client Contact:

Mr. Phil Hart, Fire Chief
515 W. Main Street | Bridgeport, WV 26330
304-669-9703

The City of Bridgeport hired Thrasher to renovate the apparatus bays and complete the design of a new, two-story addition to the existing fire department along Main Street. A complete replacement of the apparatus bay roof was included, which removed the existing pre-engineered building metal roof and blanket insulation. A new metal roof was installed with new insulation and interior liner panels.

A complete overhaul of the apparatus bays and turnout gear storage area was also completed, and at the same time, the 10,000-square-foot addition was designed to fit a new reception area, lobby, offices, conference room, and team training room.



WV INTERNATIONAL YEAGER AIRPORT
Drainage Improvements

Client Contact:

Ms. Dominique Ranieri, Airport Director
100 Airport Road, Suite 175
Charleston, WV 25311
304-344-8033

The West Virginia International Yeager Airport approached The Thrasher Group with issues they were having on their airfield with older storm pipes. On the northern end of the runway, between the Runway 23 end and the parallel taxiway, our inflow and infiltration crew investigated the storm pipes using a mobile camera.

A video inspection log was created identifying each joint, minor/major pipe damage, pipe deflection, leaking joint, or obstruction in the pipe. This information helped identify an obstruction of a creature living in the pipe approximately 258 feet from the manhole location that was causing surface issues from poor drainage. The rest of the storm pipes were in good condition except for minor pipe damage and leaking joints.



HARRISON COUNTY SCHOOLS
Liberty High School Paving

Client Contact:

Mr. Jimmy Lopez, Director of Maintenance
445 W. Main Street | Clarksburg, WV 26330
304-326-7300

The Thrasher Group was hired by the Harrison County Board of Education to complete the Liberty High School paving project. The three-phase project included the complete design and construction phased administration of parking areas one, two, three, and four. The project also consisted of paving partial sections of roadway A, B, C, and D. Thrasher utilized our in-house aerial mapping to conduct a field observation to determine base failures, milling, locations, striping plan, and existing drainage locations.



THRASHER