



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: 1901618

Procurement Type: Central Purchase Order

Vendor ID: 000000204787

Legal Name: THE THRASHER GROUP INC

Alias/DBA:

Total Bid: \$0.00

Response Date: 02/26/2026

Response Time: 12:04

Responded By User ID: Thrasher

First Name: Thrasher

Last Name: Thrasher

Email: thrasherevents@thethrashe

Phone: 304-288-7644

SO Doc Code: CEOI

SO Dept: 0603

SO Doc ID: ADJ2600000003

Published Date: 2/12/26

Close Date: 2/26/26

Close Time: 13:30

Status: Closed

Solicitation Description: EOI Combined Support Maintenance Shop Exhaust System Repairs

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: 1901618
Solicitation Description: EOI Combined Support Maintenance Shop Exhaust System Repairs
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2026-02-26 13:30	SR 0603 ESR02262600000005242	1

VENDOR
 000000204787
 THE THRASHER GROUP INC

Solicitation Number: CEOI 0603 ADJ2600000003
Total Bid: 0
Response Date: 2026-02-26
Response Time: 12:04:49
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	Combined Support Maintenance Shop Exhaust System Repairs	0.00000			0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments: n/a

Extended Description:

To provide professional design services to develop construction documents for a failing exhaust system located at the, Combined Support Maintenance Shop in Eleanor, WV.



THRASHER

WEST VIRGINIA ARMY NATIONAL GUARD CSMS Exhaust System Repairs

Submitted by:
The Thrasher Group, Inc.
February 26, 2026

February 26, 2026

Attn: Department of Administration,
Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

RE: West Virginia Army National Guard – Combined Support Maintenance Shop Exhaust System Repairs (CEOI ADJ26-03)

Dear Mr. Pauline and Members of the Selection Committee:

The West Virginia Army National Guard Office is seeking a qualified partner to evaluate and design repairs for the failing vehicle exhaust system at the Combined Support Maintenance Shop located within the Joint Forces Reserve Center. The Thrasher Group is uniquely positioned to continue supporting this effort, as our team has already performed the camera inspection work for the existing underground exhaust system and is familiar with the conditions contributing to its failure.

Because we have completed the internal camera evaluation, we bring firsthand knowledge of the system layout, deterioration points, and operational challenges. This early involvement allows us to move efficiently into the investigative confirmation and design phases without a learning curve, saving valuable time and ensuring continuity from assessment through construction. Simply put, we are already engaged – and ready to see this project through to successful completion.

We understand that the CSMS plays a vital role in supporting Guard readiness, and a properly functioning vehicle exhaust ventilation system is critical to maintaining a safe and effective maintenance environment. Our team is prepared to finalize the investigation, confirm failure mechanisms, and develop a comprehensive, cost-effective design solution that integrates all necessary mechanical, electrical, and supporting infrastructure components. We will deliver complete construction bid documents in accordance with West Virginia State Purchasing requirements and provide responsive bid and construction phase services.

Thrasher's extensive experience with WVANG facilities across the state gives us a strong understanding of Guard standards, coordination requirements, and the importance of minimizing disruption to ongoing operations. Our approach will emphasize clear documentation, energy-efficient solutions, disciplined quality control, and careful cost management throughout each submission milestone.

With our existing knowledge of the system and our longstanding partnership with the West Virginia Army National Guard, Thrasher offers both continuity and technical expertise. We appreciate the opportunity to submit our qualifications and look forward to continuing our work at the Combined Support Maintenance Shop in Eleanor.

Sincerely,
The Thrasher Group



Craig Baker, ALEP
Principal



Nicole Price, 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, ALEP | Principal

(Address) 600 White Oaks Boulevard, Bridgeport, WV 26330

(Phone Number) / (Fax Number) 304-326-6388 x1188 | 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, ALEP, Principal | 2/24/2026

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

304-326-6388 x1188 | 304-624-7831

(Phone Number) (Fax Number)

cbaker@thethrashergroup.com

(Email Address)

RFP 15030 - Exhibit B

RFQ No. 0603 ADJ26*03

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 exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: The Thrasher Group, Inc.

Authorized Signature: [Signature] Date: 2/24/2026

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 24 day of February, 2026.

My Commission expires JULY 7, 2029



NOTARY PUBLIC

[Signature: Michele Underwood]

Purchasing Affidavit (Revised 07/01/2012)



350+

EMPLOYEES

- 35 Licensed Professional Engineers
- 7 Licensed Professional Surveyors
- 7 Licensed Professional Architects
- 3 Licensed Professional Landscape Architects

MAIN POINT OF CONTACT:

Nicole Price, PE, PMP
 Project Manager
 nprice@thethrashergroup.com
 Cell: 304-476-3655
 Office: 304-423-5991 x1221



40+

YEARS

of delivering successful projects

OUR SERVICES

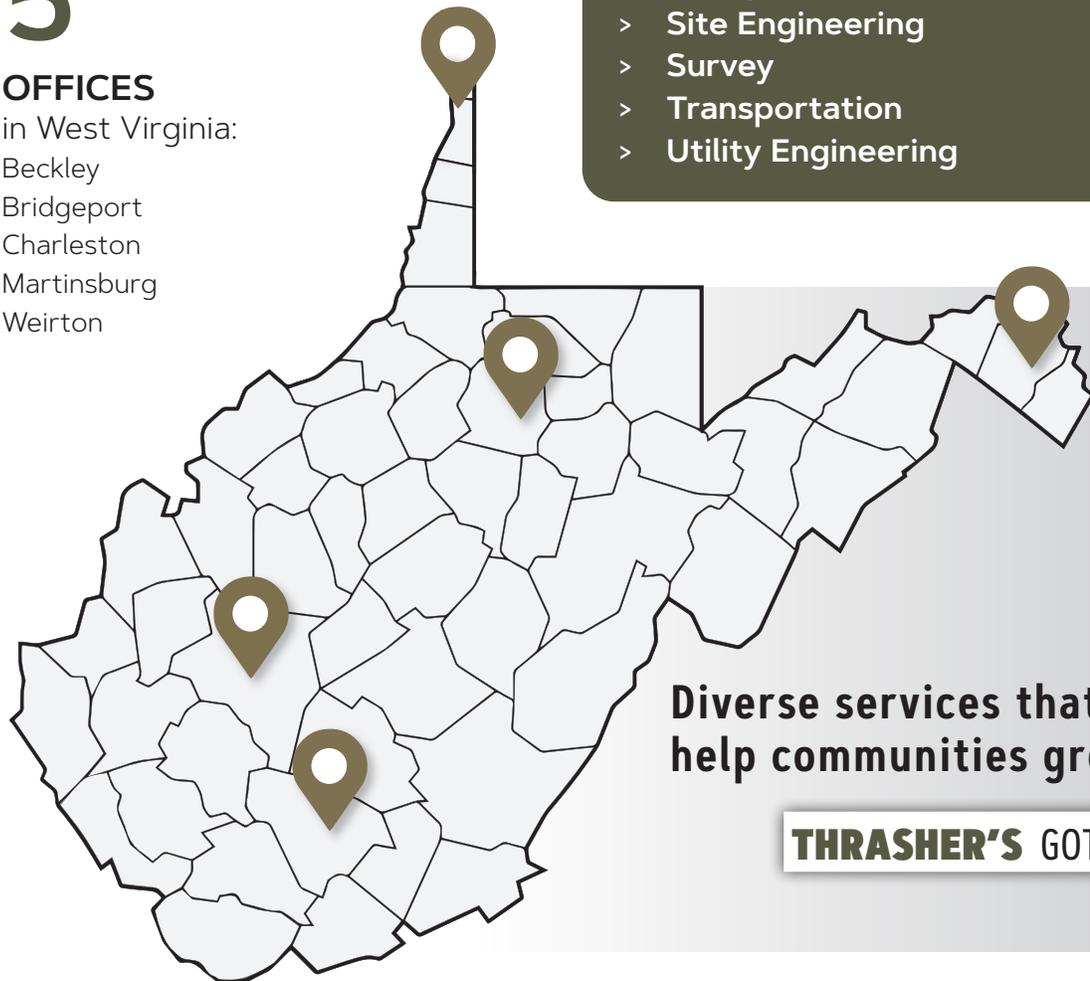
- > Architecture
- > Construction Services
- > Environmental
- > Geospatial
- > Site Engineering
- > Survey
- > Transportation
- > Utility Engineering



5

OFFICES

in West Virginia:
 Beckley
 Bridgeport
 Charleston
 Martinsburg
 Weirton



Diverse services that help communities grow.

THRASHER'S GOT IT

GEOTECHNICAL ENGINEERING & DRILLING SERVICES



Geotechnical Engineering

Geotechnical engineering is one of NGE's core areas of practice. Our highly qualified and experienced staff of geotechnical engineers, geologists, and technicians enables us to provide practical and economic solutions to a variety of geotechnical problems. We are especially experienced and qualified in dealing with the types of geotechnical issues typically encountered in the Appalachian region.

Some of the geotechnical engineering services NGE provide include:

- Commercial development geotechnical investigations and reports
- Shallow and deep foundation analysis
- Highway and bridge geotechnical studies
- Well pads and compressor stations geotechnical investigations
- Water storage tank investigations
- Freshwater and wastewater impoundment investigations
- Slope stability studies
- Fill embankment analysis and design
- Cut slope analysis and design
- Retaining wall design
- Landslide investigations and remedial designs
- Laboratory soil testing
- Geotechnical instrumentation
- Mine subsidence investigations
- Pile drivability studies
- Groundwater and seepage studies

Geotechnical Drilling Services

In addition to geotechnical engineering services, NGE also offers geotechnical drilling and exploration services with in-house experienced drilling personnel. Equipment available for use includes track-mounted drill rigs which can be used to access most sites, portable hand-operated equipment for difficult to reach sites, and dynamic cone penetrometer equipment. Some of the drilling and exploration services offered include:

- Test borings with Standard Penetration Sampling
- Rock coring and sampling
- Shelby tube sampling
- Piezometer and monitoring well installation
- Slope inclinometer installation
- Dynamic cone penetrometer testing
- Portable drilling equipment for difficult site access

OFFICES:

West Virginia Office:

650 MacCorkle Avenue West
St. Albans, WV 25177
(304) 201-5180
John Nottingham, P.E.
jnottingham@ngeconsulting.com

Pennsylvania Office:

171 Montour Run Road
Moon Township, PA 15108
(412) 722-1970
Jim Henry, P.E.
jhenry@ngeconsulting.com



NGECONSULTING.COM

Our team has reviewed the Expression of Interest and understands the need to quickly identify the cause of failure within the existing exhaust system and deliver a practical, coordinated design solution that allows the project to move efficiently into construction.

Goal 2.1

We will conduct a comprehensive inspection of the existing underground vehicle exhaust ventilation system to determine the source and extent of failure and develop a complete, multi-discipline design solution. The design will incorporate mechanical, electrical, and any required architectural or structural elements necessary to restore reliable operation. Construction bid documents will be prepared in accordance with West Virginia State Purchasing requirements and will include practical, energy-efficient strategies to improve system performance and long-term operational reliability.

Goal 2.2

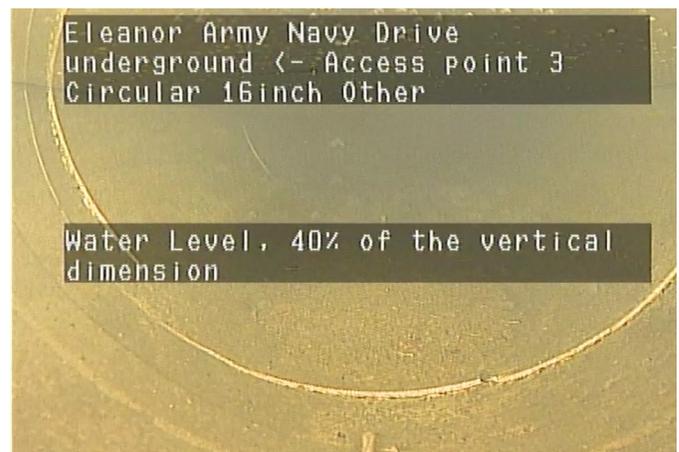
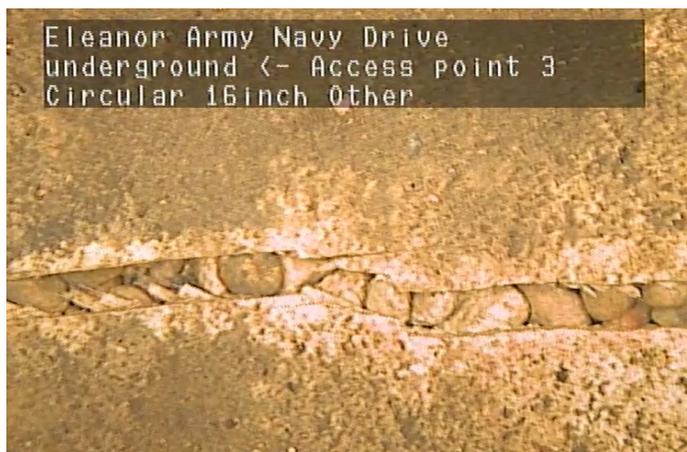
If subsurface investigation is required, we will coordinate and manage all necessary geotechnical services, including drill borings and soil evaluation. Our team will research and verify existing underground and above-ground utilities, coordinate with utility providers and regulatory authorities, and prepare any required infrastructure drawings and specifications. This approach reduces the risk of unforeseen conditions and ensures the final design is fully coordinated with existing site constraints.

Goal 2.3

For type A & B services, we will provide phased submissions at 35%, 95%, and 100% completion, each accompanied by updated cost estimates. The 35% submission will confirm overall system approach and scope; the 95% submission will present coordinated documents for review; and the 100% submission will include finalized, stamped construction documents delivered digitally and in the required hard copies. Each phase will undergo internal quality control review to ensure accuracy, coordination, and constructability.

Goal 2.4

Once approved to move forward with Bidding and SIOH services, we will respond to contractor inquiries, prepare addenda as needed, and assist in evaluating bids for completeness and responsiveness. Following award, we are prepared to provide construction administration services to help ensure the project is executed in accordance with the approved documents, schedule, and budget while keeping the Agency informed throughout the process.



One of the key steps we will need to take to help meet your goals is to perform targeted inflow and infiltration (I&I) work.

By identifying and reducing excess stormwater and groundwater entering the system, we can directly address capacity limitations, regulatory concerns, and long-term operational reliability—ensuring the improvements align clearly with your overall objectives.



I&I Investigation Process

The Thrasher Group's inflow and infiltration investigations consist of several different services that can be tailored to your specific systems needs. This includes the following.

- » **Initial Contact** - Collect any relevant existing mapping of system and local knowledge of the system from Plant operators and system owner staff.
- » **Manhole Mapping and Inspections** - Walking the system, locating all manholes, pulling lids and performing internal inspections on all manholes accessible in the system. This is done to further improve mapping and knowledge of the system, and now gives a good basis to tailor our services to deliver our client best data for their specific system.
- » **Flow Monitoring** - Flow meters are installed at key locations in the system to track wet and dry flow events, giving a much clearer understanding of where further investigation is and is not needed, as well as showing the extent and nature of the system's needs.
- » **Smoke Testing** - Smoke testing is performed to locate any outside sources where excess ground or storm water can access the system via direct and indirect connections. Examples of such connections are but not limited to, Drain Inlets, Catch Basins, Downspouts, broken Clean outs, leaking lines, and leaking manholes.
- » **Dye Testing** - Dye testing is used to track the flow and locate or confirm any existing sources or tie-ins to the system.
- » **Internal CCTV Pipeline Inspection** - Internal pipeline Camera investigations allow for a look inside the system and is used to locate damages or future problems the system may have that cannot be seen from the surface. It can also be used to locate or confirm any manholes or other tie-ins with-in the system.





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 checklists 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 the required procedures specific to this practice that allow for the efficient and accurate management of projects
- » **Check and Final Review Procedures:** Presents the required procedures specific to this practice that are used to ensure the technical accuracy of the work product





**Resume Included*



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 Facility
Planners
- > Associated Builders and
Contractors – Board of
Directors
- > Contractors Association of
West Virginia – Joint Architects
Committee Member

PROFESSIONAL OVERVIEW

Craig Baker, ALEP, serves as the leader of the Architecture Division at The Thrasher Group. An experienced designer and manager with an extensive background working with clients to plan, design, and manage projects both large and small, Craig works hand-in-hand with staff and clients to ensure projects remain on time and within budget.

Throughout his tenure at Thrasher, Craig has worked on a wide variety of projects, including industrial facilities, administrative office spaces, recreational spaces, academic building design, government buildings, military facilities, residences, and medical facilities. This well-rounded range of experience has enabled him to be able to build strong relationships with clients across the Mid-Atlantic Region, continuously providing sound design services on a diverse array of projects. Craig's dedication to each project he's a part of and his ability to understand his client's vision and goals for their projects has made him a highly sought-after designer and manager.

EXPERIENCE

West Virginia Army National Guard Wheeling Helicopter Hangar
Principal | Marshall County, WV

West Virginia Army National Guard Williamstown Hangar Addition
Principal | Wood County, WV

**West Virginia Army National Guard
Elkins Readiness Center Floor Repair Design**
Principal | Randolph County, WV

Berkeley County Fire Board Baker Heights New Fire Station
Principal | Berkeley County, WV

City of Bridgeport Fire Station Renovations and Additions
Principal | Harrison County, WV

Grafton Housing Authority Elizabeth Cather Towers HVAC Renovation
Principal | Taylor County, WV

Fairmont State University Natatorium Renovations Project
Principal | Marion County, WV

Belington Elementary School HVAC Upgrades
Principal | Barbour County, WV

Roane County Schools New HVAC Cooling Towers
Principal | Roane County, WV



NICOLE PRICE, PE, PMP

PROJECT MANAGER

PROFESSIONAL OVERVIEW

Nicole Price, PE, PMP is an integral member of Thrasher’s Land Development and Transportation Markets. She is experienced as a Project Engineer and Project Manager for a variety of client types. Nicole has worked alongside Thrasher’s team of talented engineers and support staff to design several million dollars’ worth of critical infrastructure upgrades over the years. Her projects have served both public and private clients, ranging from state highway systems and regional airports to municipalities and large-scale developers.

Her meticulous design aesthetic has served clients well, as she is able to clearly evaluate project sites and identify key challenges that ultimately impact design feasibility. Nicole is heavily involved in all facets of a project-assisting with site layout, drafting, project specifications, and reviewing final plans. Her thorough project documentation also draws the attention of Contractors, and results in highly competitive bidding.

EXPERIENCE

West Virginia Army National Guard Wheeling Helicopter Hangar
Project Manager | Marshall County, WV

West Virginia Army National Guard Williamstown Hangar Addition
Project Engineer | Wood County, WV

Urse Honda Drainage Upgrades
Project Engineer | Harrison County, WV

City of Clarksburg Downtown Storm and Sanitary Separation Project
Project Manager | Harrison County, WV

City of Ripley Flood Mitigation Study
Project Engineer | Jackson County, WV

Benedum Airport Authority Drainage Improvements
Project Manager | Harrison County, WV

Yeager Airport Storm Network Investigation
Project Manager | Kanawha County, WV

Huntington Municipal Development Authority
Project Manager | Cabell County, WV

Berkeley County Public Service Stormwater District
Project Manager | Berkeley County, WV

South Pointe Property Owner Association Drainage Improvements
Project Manager | Marion County, WV

Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:
> West Virginia

Certifications

> Project Management
Professional (PMP)

Affiliations

- > WAI/Harvard University
Emerging Leaders Program
- > WAI Mountain State Chapter
Secretary
- > Women in Aviation International
(WAI) Member
- > Leadership Monongalia County

Trainings

- > Using HEC-RAS to Model
Bridges, Culverts, and
Floodplains — University of
Wisconsin

Name:	NICOLE M. PRICE
WV Professional Engineer:	PE License Number: 021372
	PE License Status: Active
	PE Issue Date: 06/15/2015
	PE Expiration Date: 12/31/2026
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 46.50
	Carryover Hours for Next Renewal: 15.00
	Last Renewal or Reinstatement Date*: 12/30/2024
WV Engineer Intern:	EI Certification Number: 9210
	EI Issue Date: 07/26/2010
Primary Address of Record:	1153 CAMBRIDGE AVENUE MORGANTOWN, WV 26505
Primary Employer of Record:	THE THRASHER GROUP, INC.



ANDREW KELLEY

I&I SPECIALIST

Education

Doddridge County High School

Certifications

- > ACI Concrete Field Testing Technician Grade I
- > WVDOH Soil and Aggregate Compaction Technician (S.A.C.T.)
- > WVDOH PCC Inspector
- > WVDOH Aggregate Sampling Inspector
- > Confined Space
- > UTV

PROFESSIONAL OVERVIEW

Andrew Kelley serves as an Inflow and Infiltration Specialist for Thrasher's Construction Services Division. His role has evolved over the years, allowing him to serve in a variety of capacities. He has performed work including everything from materials testing and site inspections to utility inspections and I&I Investigations. He has had a major focus on inflow and infiltration and inspection projects the last several years and has become an important resource for Thrasher's work in this sector.

Andrew is responsible for construction monitoring, GIS Mapping, quality control and assurance for site development, and public utility projects. His keen eye for detail and his ability to provide quality inspections makes him an excellent member of the team. Andrew specializes in I&I investigations, Closed Circuit Television CCTV Camera Operations for sanitary and storm projects, Laser Pipe Profiler Operations, and I&I Investigations.

EXPERIENCE

**West Virginia Army National Guard
Coonskin Complex Stormwater Drain**
I&I Specialist | Kanawha County, WV

City of Ripley Sanitary Sewer Collection System Improvements
I&I Specialist | Jackson County, WV

City of Oak Hill I&I Investigations
I&I Specialist | Fayette County, WV

The Woods Golf Course/ Housing Development – I&I Investigations
I&I Specialist | Berkeley County, WV

South Charleston Sanitary Board I&I Investigations
I&I Specialist | Kanawha County, WV

West Virginia International Yeager Airport Pipe Camera Work
I&I Specialist | Kanawha County, WV

Ashton Estates Camera Investigations
I&I Specialist | Monongalia County, WV

City of Belmont Camera Work and Smoke Testing
I&I Specialist | Pleasants County, WV

City of Milton Camera Investigations
I&I Specialist | Cabell County, WV



KEN SMITH, PE

MECHANICAL ENGINEER

Education

Bachelor of Science,
Mechanical Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Virginia
- > Ohio
- > Kentucky
- > Maryland
- > Tennessee

Affiliations

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

PROFESSIONAL OVERVIEW

Ken Smith, PE, is a key member of the Thrasher team, bringing extensive expertise in assessing, analyzing, and optimizing existing mechanical systems. With a strong background in mechanical engineering, project management, and construction administration, Ken specializes in evaluating HVAC performance, identifying system deficiencies, and developing targeted improvement strategies that enhance efficiency, reliability, and long-term operation.

In his role as Project Manager, Ken applies exceptional leadership and communication skills to collaborate closely with clients, facility managers, and engineering teams to understand system challenges and operational needs. Ken's experience in system diagnostics, energy efficiency evaluation, and cost-effective upgrade planning enables clients to make informed decisions that extend equipment life, reduce operating costs, and improve overall building performance.

EXPERIENCE

West Virginia Army National Guard Wheeling Helicopter Hangar
Mechanical Engineer | Marshall County, WV

West Virginia Army National Guard Williamstown Hangar Addition
Mechanical Engineer | Wood County, WV

**West Virginia Army National Guard
CFMO Building 1707 HVAC Renovations**
Mechanical Engineer | Kanawha County, WV

State of West Virginia General Services Division Building 23 Evaluation
Mechanical Engineer | Raleigh County, WV

Doddridge County Maintenance Building
Mechanical Engineer | Doddridge County, WV

McDowell County Schools Rooftop Units and HVAC Control Upgrades
Mechanical Engineer | McDowell County, WV

Glenville State University HVAC Repair
Mechanical Engineer | Gilmer County, WV

Hardy County Public Service District Office Building
Mechanical Engineer | Hardy County, WV

Harrison County Commission Public Safety Building
Mechanical Engineer | Harrison County, WV

Name:	KENNETH E. SMITH
WV Professional Engineer:	PE License Number: 011672
	PE License Status: Active
	PE Issue Date: 07/16/1992
	PE Expiration Date: 12/31/2026
Continuing Education Claim:	Qualifying Hours from Last Renewal or Reinstatement: 31.00
	Carryover Hours for Next Renewal: 1.00
	Last Renewal or Reinstatement Date*: 12/12/2024
WV Engineer Intern:	EI Certification Number:
	EI Issue Date:
Primary Address of Record:	2444 KIRBY ROAD MILTON, WV 25541
Primary Employer of Record:	THE THRASHER GROUP, INC.



PHILIP FREEMAN, AIA, NCARB, LEED GA

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

Affiliations

- > 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

West Virginia Army National Guard Wheeling Helicopter Hangar
Project Architect | Marshall County, WV

West Virginia Army National Guard Williamstown Hangar Addition
Project Architect | Wood County, WV

City of Beckley Fire Station #3 and Code Enforcement Offices
Lead Architect | Raleigh County, WV

City of Beckley Police Department Headquarters
Lead Architect | Raleigh County, WV

Berkeley County Fire Board Baker Heights New Fire Station
Lead Architect | Berkeley County, WV

City of Beckley Multi-Purpose Building and Plaza
Lead Architect | Raleigh County, WV

Boy Scouts of America Bunk House and Dining Hall
Lead Architect | Fayette County, WV

Dominion Resources New Headquarters Office Facility
Lead Architect | Harrison County, WV

Boy Scouts of America Rex Tillerson Leadership Center
Lead Architect | Fayette County, WV

Wetzel County Commission Shiben Building Judicial Annex Renovations
Lead Architect | Wetzel County, WV

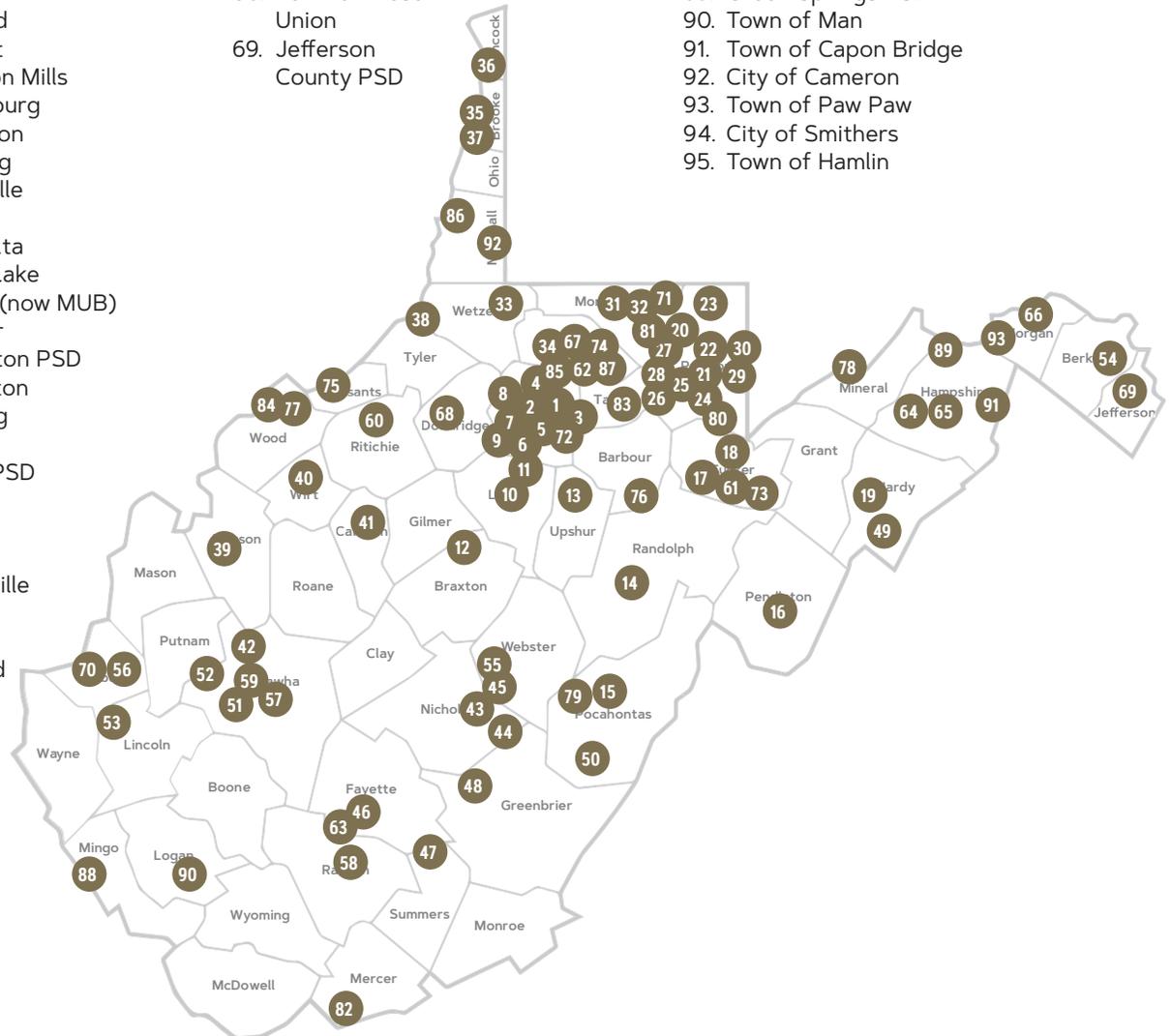


PHILIP FREEMAN

Name:	FREEMAN PHILIP
Credential ID:	3689
Expiration Status:	Not Expired
Expiration date:	2026-06-30
Renewal Date:	2025-05-29
Disciplinary Action:	N/A

WV INFLOW & INFILTRATION EXPERIENCE

1. City of Bridgeport
2. City of Clarksburg
3. Town of Nutter Fort
4. City of Shinnston
5. Town of West Milford
6. Greater Harrison PSD
7. Sun Valley PSD
8. Lake Floyd PSD
9. City of Salem
10. City of Weston
11. Town of Jane Lew
12. Town of Burnsville
13. Tennerton PSD
14. Huttonsville PSD
15. Snowshoe Mountain
16. Town of Franklin
17. City of Parsons
18. City of Thomas
19. Hardy County PSD
20. Town Masontown
21. City of Kingwood
22. Town of Albright
23. Town of Bruceton Mills
24. Town of Rowlesburg
25. Town of Tunnelton
26. Town of Newburg
27. Town of Reedsville
28. Arthurdale
29. Town of Terra Alta
30. Town of Alpine Lake
31. Scotts Run PSD (now MUB)
32. City of Westover
33. Hundred - Littleton PSD
34. City of Mannington
35. City of Wellsburg
36. City of Weirton
37. Brooke County PSD
38. Paden City
39. City of Ripley
40. Town Elizabeth
41. Town of Grantsville
42. Sissonville
43. Craigsville PSD
44. City of Richwood
45. Town of Camden-on-Gauley
46. City of Oak Hill
47. Town of Meadow Bridge
48. Greenbrier PSD 2
49. Lost River State Park
50. Watoga
51. City of South Charleston
52. Union PSD
53. Town of West Hamlin
54. Berkeley County PSSD
55. Town of Cowen
56. Town of Milton
57. Malden PSD
58. City of Beckley
59. City of Charleston
60. Ellenboro - Lambertson PSD
61. Hamrick PSD
62. Kingmill Valley PSD
63. City of Mount Hope
64. City of Romney
65. Central Hampshire PSD
66. Warm Springs PSD
67. Town of Farmington
68. Town of West Union
69. Jefferson County PSD
70. Pea Ridge PSD
71. Canyon PSD
72. City of Stonewood
73. Canaan Valley PSD
74. Greater Paw Paw PSD
75. Town of Belmont
76. Town of Junior
77. Union Williams
78. Town of Piedmont
79. Pocahontas County PSD
80. Colfax PSD
81. Deckers Creek PSD
82. City of Bluefield
83. City of Grafton
84. North Hills PSD
85. Town of Monongah
86. City of McMechen
87. Town of Barrackville
88. Mingo County PSD
89. Green Springs PSD
90. Town of Man
91. Town of Capon Bridge
92. City of Cameron
93. Town of Paw Paw
94. City of Smithers
95. Town of Hamlin





BERKELEY COUNTY FIRE BOARD New Baker Heights Fire Station

Client Contact:

Ms. Donna Cross, Administrative Director
400 W. Stephen St. | Martinsburg, WV 25401
304-264-1945

The new single story 16,800 square foot Baker Heights Fire Station facility is designed to optimize operations and emergency response and promote fire fighter wellness. The facility design separates daily operations from the public use community room, and from post-call contamination. The building provides administrative space, bunkrooms and day spaces for personnel, a four-bay garage for fire-fighting apparatus, and a large community room with a commercial kitchen.

The structure is comprised of a traditional steel frame

with metal stud walls at the exterior. The exterior material is brick masonry and architectural masonry units that address the scale and materials of the surrounding context. The roof is standing seam metal. Aluminum storefront systems and operable windows are utilized for the exterior fenestration. Interior partitions are non-loadbearing metal studs and drywall. Finishes will include painted drywall, carpet tile, LVT, and ceramic tile. The building includes electrical, data, and communications systems.

Lighting, plumbing, and HVAC systems are designed for maximum efficiency and ease of use. The apparatus garage is fully tempered, through a combination of radiant heat in the concrete floor, air conditioning and natural ventilation. **A significant part of the design of this facility was the incorporation of a vehicle exhaust system for the Fire Boards Vehicles. Our team worked with the client to determine the best possible system for their facility ultimate deciding on an overhead hose system as opposed to a system with underground piping.**



CITY OF BRIDGEPORT New Fire Station

Client Contact:

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

The Thrasher Group was selected by the City of Bridgeport to design a new two-story, 10,000-square-foot addition to the existing fire department along Main Street. The expansion was thoughtfully planned to enhance both operational efficiency and community engagement.

The first floor features a welcoming reception area and lobby, along with new administrative offices, a conference room, and a dedicated team training room

to support coordination and ongoing professional development.

The second floor provides upgraded living quarters, including a day room, locker room, fitness/workout facility, and bunk rooms designed to promote firefighter wellness and readiness.

In addition to the new construction, the project included a comprehensive renovation of the existing apparatus bays and turnout gear storage areas, modernizing critical operational spaces and improving overall functionality of the facility. **A significant part of the design of this facility was the upgrade to their vehicle exhaust system for the Fire Department Vehicles. This involved upgrading the main unit as well as all exhaust piping and vents.**



CITY OF CAMERON Inflow and Infiltration Study

Client Contact:

Ms. Betty Scott, Mayor
44 Main Street | Cameron, WV 26033
304-686-2366

The City of Cameron sanitary sewer system was experiencing significant inflow and infiltration (I/I), resulting in use of an unpermitted overflow at the treatment plant. As an SSO community under Consent Order from the West Virginia Department of Environmental Protection, the City faced fines and compliance pressure—despite being a low-income community with limited financial capacity.

Project Highlights

- Conducted targeted I&I study (flow monitoring + smoke testing) to pinpoint highest-impact areas
- Identified immediate, low-cost corrective actions that significantly reduced storm flows
- Worked with WVDEP to reclassify Cameron from an SSO to a CSO community
- Developed a Long-Term Control Plan to spread improvements over a manageable timeframe

Results

- Eliminated overflow events following initial corrective actions
- Reduced regulatory and financial pressure
- Created a phased, financially feasible compliance strategy

Key Value

Technical expertise paired with regulatory strategy delivered compliance and cost control—without immediate rate shock to residents.



TOWN OF BARRACKVILLE I&I Reductions

Client Contact:

Josh Southern, Mayor
PO Box 26 | Barrackville, WV 26559
304-366-9372

ultimately allow Thrasher to properly reduce the inflow and infiltration to the Barrackville System. The outcome will be a more secure system with little to no leakage and excess water penetrating the system. With a secure system, Barrackville will pay a much smaller fee to the City of Fairmont for the treatment of their sewage.

The Town of Barrackville hired Thrasher to reduce their inflow and infiltration to their sanitary sewer collection system. Their system was heavily compromised and as a result they were paying the City of Fairmont a much higher amount to treat their sewage than was needed.

Thrasher is performing various tests such as dye, smoke, flow metering and rough Hydraulic Calculation of the sewage flow. The results of these analyses will

OAK HILL SANITARY BOARD I&I Reduction and Wastewater Treatment Plant

Client Contact:

Mr. Cris Meadows, City Manager
100 Kelly Avenue | Oak Hill, WV 25901
304-469-9541

The City of Oak Hill has depended on The Thrasher Group as their Engineer of Record for wastewater, stormwater, and community improvements for over a decade. Oak Hill's wastewater treatment plant project involved the design and construction of two new treatment plants and the demolition of one existing plant. As the new plants came online, other previously unserved areas of the city were able to receive service.

Oak Hill's sewer system worked well under normal circumstances, but during heavy rains, stormwater crept into the system. Water came from all directions into the city's collection system and overloaded the wastewater treatment plants, causing problems with inflow and infiltration. To reduce these issues, a city-wide study was conducted utilizing city forces under Thrasher's supervision. This study resulted in the elimination of many storm drains that were directly connected to the sanitary sewer system and subsequently reduced treatment costs. Additionally, Thrasher suggested and oversaw the building of a large flow equalization basin at the Minden plant to handle the wet weather flows.

In addition to the construction of two new plants, 30,000 LF of collection and interceptor lines were replaced throughout the city. Both treatment plants were recently upgraded, and additional line replacement and rehabilitation were completed in 2020.

Project Highlights:

- Upgrade of Route 61 Wastewater Treatment Plant
- Upgrade of Minden Wastewater Treatment Plant
- Citywide Sewer Rehabilitation Project
- Arbuckle PSD Wastewater Treatment Plant Demolition

- Arbuckle PSD Pump Station
- Minden Force Main Installation
- Citywide Inflow and Infiltration Study



City of Charleston

Ms. Amy Goodwin, Mayor
511 Virginia Street East
Charleston, WV 25301
304-348-8048

Doddridge County Schools

Ms. Adam Cheeseman
268 Bulldog Drive
West Union, WV 26456
304-873-2300

Benedum Airport Authority

Mr. Shawn Long, Deputy Airport Director
2000 Aviation Way
Bridgeport, WV 26330
304-843-3400



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