

THRASHER

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WV PURCHASING DIVISION



WV DEPARTMENT OF AGRICULTURE

CEOI 1400 AGR2100000001 - Capital Improvements at the WV Department of Agriculture's Guthrie Agricultural Center

Submitted by:
The Thrasher Group, Inc.
April 6, 2021



COMPLEX PROJECTS
REQUIRE RESOLVE
THRASHER'S GOT IT

April 6, 2021

Attn: Ms. Jessica Chambers, Bid Clerk
Purchasing Department
2019 Washington St. E
Charleston, WV 25305

*RE: WV Department of Agriculture -
Capital Improvements at the WV Department of Agriculture's Guthrie Agricultural Center*

Dear Ms. Chambers and members of the selection committee:

The Thrasher Group is pleased to present our qualifications for the site planning, expansion, and access evaluation for the capital improvements to the WV Department of Agriculture's Guthrie Agriculture Center. As a full service, multi-disciplinary firm with more than 300 professionals and a thorough resume of projects like you are trying to achieve, The Thrasher Group is the right firm for the job.

Thrasher has been helping clients bring their development projects to life for more than 37 years. We see projects from a high-level perspective and have the ability to move them through every step of the project. The Thrasher team will assist with everything from planning and permitting to site development and construction administration. Working with Thrasher means working with a firm that knows how to get your projects done.

Thrasher's team is equipped to bring forth a skill-set that is second-to-none. As a full-service firm, are able to offer a vast array of expertise including:

- » Civil / Site Engineering
- » Traffic Planning
- » Master Planning
- » Asbestos Inspection
- » Environmental Services
- » Aerial Mapping and Survey
- » Laser Scanning
- » Construction Administration
- » Materials Testing and Laboratory Services

The Thrasher Group is eager to be your partner in the development of the Guthrie Agriculture Center. As the CEO of Thrasher, I can unequivocally say that we stand ready to ensure your vision becomes a reality. Our team of experts is prepared to provide you with unmatched expertise. Our firm was built on the grassroots principles and partnering with projects like this that brings our firm a sense of pride.

We appreciate the opportunity to share our qualifications with you and look forward to speaking with you in the near future.

Sincerely,
The Thrasher Group, Inc.

Chad Riley, PE
President and CEO

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: The Thrasher Group, Inc.

Authorized Signature:  Date: April 5, 2021

State of West Virginia

County of Harrison, to-wit:

Taken, subscribed, and sworn to before me this 5 day of April, 2021.

My Commission expires May 4, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC



Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

4/5/2021

Date

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



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

Main Point of Contact:

Chad Riley, PE
President and CEO
Criley@thethrashergroup.com
Cell: 304-669-6992
Office: 304-624-4108



9

OFFICES

in five states:

West Virginia
Virginia
Pennsylvania
Ohio
Maryland



300+

EMPLOYEES

- 40** Licensed Professional Engineers
- 11** Licensed Professional Surveyors
- 8** Licensed Professional Architects
- Licensed Professional Landscape Architects



37

YEARS

of delivering successful projects

Diverse services that grow communities.

THRASHER'S GOT IT.

APPROACH TO YOUR GOALS



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

We understand your goals for the WV Department of Agriculture Capital Improvements at the WV Department of Agriculture's Guthrie Agricultural Center and will handle them in the following manner:

Goal 2.1 | Current and Potential Routes

The Thrasher Group will evaluate all current routes to the site to determine the capacity of the roads. We will review the width of the travel ways, grades, surface type (gravel, pavement), radius of curves, etc. Our goal is to determine what type of traffic can utilize the current routes and if there are any potential routes, whether dependent or in combination with current routes to provide a more favorable access. The Thrasher Group would drive the sites and utilize our survey and mapping groups to generate a map of the conditions and generate other options.

Goal 2.2 | Recommended Solutions

Through the analysis of the current routes and/or evaluating new potential routes, Thrasher will produce a report that breaks down the cost for upgrading and/or constructing the proposed routes. We could breakdown the pros and cons for each route which will include any differences in capacity, cost, future expansion, right-of-way, etc. Members of Thrasher's team will use their expertise to help assist in the best solution for the facility. We will provide a set of preliminary plans to review with the West Virginia Department of Natural Resources which routes best suit their goal.

Goal 2.3 | Alternate Route Designs

Thrasher will provide designs for alternate routes and our designs will consider future expansions, development of new pads, potential utility construction, general circulation (one way vs. two traffic), security, etc. The goal would be to not only to determine the needs of the present facility, but look at the overall big picture to establish which routes are necessary now and how any future and/or alternative routes tie together.

Goal 2.4 | Bid Assistance and Construction Administration

Thrasher has been associated with bidding public projects for years, whether that has been the role of handling the bids in its entirety or assisting the owner by attending the pre-bid, addressing bid questions for the addenda, and attending the pre-construction meetings. We can stay involved in the construction as much as the owner likes. We can do full time inspection and over-site or can simply review submittals and answer RFI's during construction.

APPROACH TO YOUR GOALS



Thrasher will keep your project goals in mind throughout the process. We will address each in turn, working directly with the WV Department of Agriculture 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

Our assembled team of engineers and technicians will conduct a site visit. This group will evaluate the project conditions and identify and document potential problem areas. Thrasher will call the necessary utilities prior to being on-site to help identify any known utility locations. 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 repairs to Guthrie Agriculture Center. 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. In addition, with Thrasher's experience working on various similar projects a construction safety and phasing plan will be developed and reviewed with the owner to ensure a safe project during construction.

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 - Cost Estimates

Our project team will provide itemized cost estimates at the following stages: conceptual design, preliminary design, and final design.

Step 5 - Bid Process

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

Step 6 - 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.

Thrasher will also develop a program to keep your team abreast of potential construction issues.

Step 7 - Project Close Out

Upon completion of the project, the Thrasher team will provide final as-built drawings in both CAD and PDF format to the Owner. All permits will be closed/terminated at the completion of construction.

COMMUNICATION APPROACH



Communication throughout any project is a primary key to success. To that end, Thrasher will begin communication with the WV Department of Agriculture 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, contractor, and engineer - will always be 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 Project Manager, Jeff Gola, will discuss preferred methods of communication with the WV Department of Agriculture's point of contact. Updates during the design phase can occur in numerous ways:

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

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

Communication During Construction

Before construction begins, Jeff will again meet with the WV Department of Agriculture 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 monthly progress meetings with the contractor, the WV Department of Agriculture, 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 WV Department of Agriculture. Action items will be documented within the meeting minutes.

Throughout construction, Thrasher will have people on-site for project representation as well as material testing. Anytime a Thrasher employee is on site during construction, a field report will be prepared. Field reports will be reviewed by the engineering team and distributed to the WV Department of Agriculture's construction representative on a weekly basis.

QUALITY CONTROL



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 project 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. All construction documents will be reviewed for constructibility to ensure the most efficient design is being proposed.

Understanding of what things cost - Thrasher has a knowledgeable construction administration team that understands what it truly costs to make things happen.

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 the budget throughout the process: An initial construction cost will be calculated to reflect your budget. 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.



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. Then, we use our thorough understanding of the local market and material costs to accurately design within your budget.



PROJECT EXPERIENCE

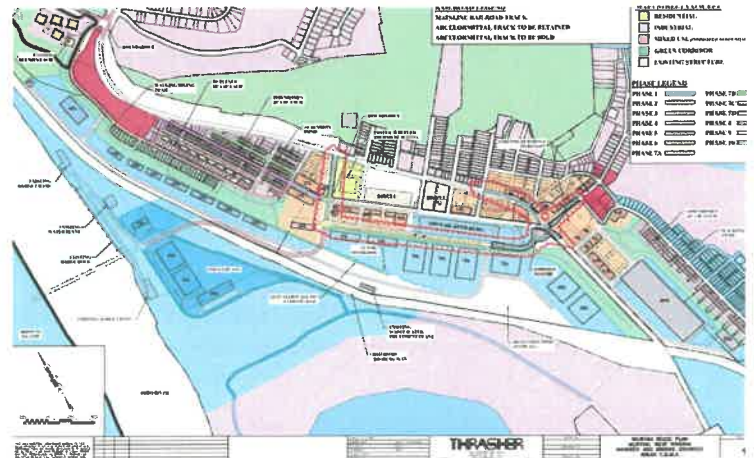
CITY OF WEIRTON Reuse Master Plan

Client Contact:

Mr. Marvin Six, Executive Director
Business Development Corporation of the
Northern Panhandle
304-748-5041

The City of Weirton is a unique place in West Virginia. Located in the northern panhandle, Weirton borders Ohio and is a stone's throw from Pittsburgh, Pennsylvania, making it accessible to the Pittsburgh metropolitan area. In the past, Weirton was home to the largest private employer in the state – a steel mill that employed 12,000 workers. Today, however, the City has a very different reality, with hundreds of acres of former industrial sites that need revitalized to recapture the City's vitality and attract tourists. The Thrasher Group was hired to help make that happen.

Thrasher has partnered with the BDC and a variety of local and national stakeholders to create a redevelopment plan for a portion of the City that covers approximately 1,000 acres. This plan first focuses on creating or renovating roadways and bridges to make the area more accessible. This infrastructure would make the area as a whole more user-friendly, but more importantly, would also connect downtown Weirton directly to Route 22 in Ohio, creating a thoroughfare that encourages travel through the City. Next, the revitalization plan focuses on creating a new mixed-use development that would be home to commercial, residential, and industrial sites, a recreational trail, and a variety of other features.



In addition to planning, Thrasher is assisting in the funding process. The Thrasher team is coordinating with the several entities involved in the project, helping them identify and secure funds to make these projects possible.



ENROUT PROPERTIES, LLC Morgantown Industrial Park

Client Contact:

Mr. Glenn Adrian, Enrout Properties, LLC
466 Christy St | Morgantown, WV 26505
304-598-5716

The Thrasher Group is currently providing a variety of engineering and construction administration services to the Morgantown Industrial Park. The project began with Thrasher's team creating a master plan for the Park, which consisted of seven pads ranging from 5 acres to 27 acres each. Our engineers have provided the detailed design for two (2) five-acre pads in the existing park. The work included design, grading, an access road, and utility lines. Additionally, Thrasher is providing a variety of concept plans for future pads, tailored to potential tenants who approach the owner.

Providing these concepts and site-ready pads has included several challenges, though. The Industrial Park is bordered by Interstate 79 on one side and existing power lines on the other. These pre-existing features create solid constraints that must be designed within. The site also sits on a rolling topography, so creating flat pads requires large amounts of earthwork and grading.

PROJECT EXPERIENCE

JACKSON COUNTY EDA

Industrial Access Road to Armstrong Facility

Client Contact:

Mr. Mark Whitley, Executive Director
167 Seneca Drive | Ripley, WV 2527
304-372-1151

The Thrasher Group was hired by the Jackson County Economic Development Authority to design an access road to the Armstrong Manufacturing Facility. This new building required better access for the truck traffic necessary for deliveries to the facility and exporting the facility's product. Without this access, the success of the new facility would be unlikely. Thrasher was tasked with designing and constructing this new road prior to the opening of the Armstrong Manufacturing Facility. As a first step, the Thrasher team provided survey and utility verification services. Next, design was completed for the roadway and drainage, as well as permitting and right of way plans. Because the site was located along a river, Thrasher had to take additional design considerations, including measures to stabilize the ground material and ensure the integrity of the road because of the soil's sandy composition.





HEARTLAND INTERMODAL GATEWAY Intermodal Facility Terminal

Client Contact:

West Virginia Public Port Authority
Mr. Charles N. Vance, Executive Director
304-558-0330

Thrasher was originally hired to provide hydraulic analysis and site grading services, but quickly turned into a much larger project. A major component of the work Thrasher provided was assistance in the design of the bridge and road. Parsons Brinkerhoff hired Thrasher to provide utilities to the facilities on site, design, final grading, and environmental assessments which led to erosion control. Thrasher also worked hand-in-hand with PB to complete the railways and spurs.

The WVPPA needed to expedite the final design of the terminal to enable a federal grant to be used for a portion of the construction costs. Through the combined efforts of over 52 staff in 10 offices, WSP was able to accelerate the design process. To accomplish this challenging and aggressive schedule, Parsons Brinckerhoff worked in close coordination and integration with WVDOT engineering staff and NS operations/engineering staff.

WSP was selected to provide design services and services during construction for a proposed Intermodal Facility Terminal, along the Big Sandy River in Prichard, West Virginia. The project included an access road design with bridge crossing of the Norfolk Southern existing tracks, design of storage tracks and pad tracks for the intermodal facility, realignment of existing Eastbound mainline tracks at the site, crossover tracks north and south of the site, utility design and permit acquisitions, including the 404 permit, site development design, and pavement design.

PROJECT EXPERIENCE

BOY SCOUTS OF AMERICA Sun Mine Road - Welcome Center

Client Contact:

Mr. Rob Ridgeway, F Development Director
2550 Jack Furst Drive | Glen Jean, WV 25846
rob.ridgeway@scouting.org

The Thrasher Group, Inc. designed the Boy Scouts of America, J.W. & Hazel Ruby West Virginia Welcome Center on the Summit Bechtel Reserve. The 10,000+ SF facility, houses restroom facilities, a gift shop, a large meeting space, and open exhibition space for showcasing the work and legacy of the Boy Scouts. In addition to the main building, Thrasher is designed additional restroom and parking facilities, and developing scenic trails.

A large component of the project was the coordination of traffic flow into the Welcome Center from U.S Route 19, which consisted of the construction of the Sun Mine Road. The road was built to help coordinate the flow of traffic to and from the Welcome Center. This was the best option for the facility after the Thrasher team completed an assessment of the facility.

Thrasher was able to complete the project and site in time to host the 2017 Boy Scouts World Jamboree.





KVC HEALTH SYSTEMS

Navy Information Operations Command,
Sugar Grove Facility Report

Client Contact:

Mr. Tommy Bailey,
Executive VP for Strategic Initiatives
300 Kenton Dr | Charleston, West Virginia 25311
304-542-4698

The Thrasher Group was retained by Trident Resource Solutions to provide a facility report on the Navy Information Operations Command, Sugar Grove Facility. Thrasher conducted a full site evaluation for Resource Solutions.

The property consists of approximately 117.5 acres of relatively flat land, on one side bordered by the South Fork of the South Branch River, and the other side bordered by WV State Route 21. The site assessment included a review of the existing roads, parking lots, pedestrian

routes, recreational facilities, and storm water management. The campus consists of approximately 11,300 feet of roadways with two entrances off of West Virginia State Route 21. Currently only one entrance is utilized; however, the second entrance appears to be operational if necessary.

The pedestrian routes include an extensive sidewalk system allowing access to most facilities. The assessment was completed by walking the campus and noting the condition of the facilities. Any area anticipated to need repairs within the next five years was identified along with a cost estimate to complete the improvements.

KEY PERSONNEL



Chad Riley, PE
Project Executive



Jeff Gola, PE
Project Manager



Jason Boyd, PE
Transportation Planning



Sam Rich, PLA
Landscape Architect



Jacob Darrah, GISP
Survey and Mapping Coordinator



Robert Severt
Environmental | Asbestos Manager

Survey Services

Construction Services

Environmental Services

CHAD RILEY, PE

Project Executive



Education

Bachelor of Science,
Civil Engineering
Fairmont State University

Registrations

Professional Engineer:
> West Virginia
> Maryland

Affiliations

- > 2019 Harrison County Chamber Chairman
- > Harrison County Economic Development Corporation Board Member
- > WV Economic Development Council Board Member
- > WV State Design Build Board
- > WV Nature Conservancy
- > WV Young Presidents' Organization Member

Chad Riley, PE has served in a variety of capacities at Thrasher over the years. As a Project Executive, he currently oversees high-level work all across the company, but has a particular specialty in industrial, business, and multi-use developments across the Mid-Atlantic region. Chad has spent a large portion of his career focusing on this work and delivering strategically designed sites for a multitude of manufacturing and commercial clients.

Chad's passion for bringing economic growth to the state of West Virginia and the greater region has made major impacts on the success of his client's endeavors. Chad has been heavily involved in dozens of economic development projects throughout the state and continues to keep a pulse on the influx of industrial growth in West Virginia. Chad holds ultimate responsibility for client communication, engineering design, funding, and bidding/construction management for Thrasher's large-scale industrial projects. Chad remains highly involved with each of his clients, walking them through every stage of their project and helping them navigate through West Virginia's regulatory and permitting process. project and helping them navigate through West Virginia's regulatory and permitting process.

Experience

Morgantown Industrial Park

Role: Principal
> Monongalia County, WV

Navy Information Operations Command, Sugar Grove Facility Report

Role: Principal
> Pendleton County, WV

Boy Scouts of America River Trek

Role: Principal
> Fayette County, WV

City of Beckley Intermodal Gateway

Role: Principal
> Raleigh County, WV

Jackson County EDA Industrial Access Road to Armstrong Facility

Role: Principal
> Jackson County, WV

City of Weirton Reuse Master Plan

Role: Principal
> Brooke County, WV

American Woodmark Facility Site Development

Role: Principal
> Hardy County, WV

Hatfield McCoy Regional Recreation Authority Pocahontas Trail System and Trailhead Facility

Role: Principal
> Mercer County, WV

JEFF GOLA, PE

Project Manager



Education

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

- > West Virginia
- > Maryland

Affiliations

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

Jeff Gola, PE is an integral part of The Thrasher Group's Land Development Market. He has more than 20 years of site development experience and has established an expertise in large-scale projects. Jeff's knowledge spans a wide variety of topics essential to the success of this work, from grading plans and retaining walls to roadways and stormwater systems. He has designed these components for a number of industrial and business parks, educational facilities, and private entities across the Mid-Atlantic region. He has a thorough understanding of the structural design elements that govern infrastructure projects and takes a methodical design process that ensure his projects remain safe, stable, and secure throughout their use.

In addition to his development experience, Jeff has a history of success in the transportation industry. He is well versed in the engineering and design work needed for airports, interstates, bridges, and pedestrian travel. He has worked alongside the West Virginia Division of Highways for 17 years and has also become an expert in airport design and construction, working directly with the Federal Aviation Administration.

Experience

Morgantown Industrial Park

Role: Project Manager

- > Monongalia County, WV

Prichard Intermodal Facility

Role: Project engineer

- > Wayne County, WV

Jackson County EDA

Access Road

Role: Project Manager

- > Jackson County, WV

WVDOH HOBET Mine Access

Road Design

Role: Design Team Member

- > Boone County, WV

Fairmont State University

Traffic Circle and Campus

Traffic Modifications

Role: Project Manager

- > Marion County, WV

West Virginia University

Evansdale Campus Roadway and Pedestrian Walkway Improvements

Role: Project Manager

- > Monongalia County, WV

Boy Scouts of America JW and Hazel Ruby Welcome Center

Role: Project Engineer

- > Fayette County, WV

WVU Hospital Additions and
Additional Parking Facilities
for the Hospital

Role: Project Manager

Monongalia County, WV

Raleigh County Industrial Park

Role: Project Manager

Raleigh County, WV

SAM RICH, PLA

Landscape Architect



Education

Bachelor of Science,
Landscape Architecture
West Virginia University

Registrations

Professional Landscape
Architect:
> West Virginia

Affiliations

> American Society of
Landscape Architects

Samuel Rich, PLA is a Project Manager at The Thrasher Group working in the Land Development Market. Sam's role includes overseeing the design process for a variety of land development and planning projects in the commercial, residential, municipal and industrial sectors. His team works with clients to take projects from the development stages all the way through construction, providing site evaluation, master planning, estimating, project marketing and final design services. Visualizing and evaluating design alternatives is one of Sam's specialties, enabling him to effectively communicate what a client's project will look like and how it will function long before the finished product is constructed.

In addition to master planning for specific sites, Sam has worked on several projects that have a more regional or community-based planning focus. He has experience with multiple industrial site selection

Experience

Weirton Reuse Master Plan

Role: Land Planner
> Brooke County, WV

Boy Scouts of America New River Trek

Role: Project Manager
> Fayette County, WV

Advantage Valley Site Planning Study

Role: Project Manager
> Cabell, Kanawha, Putnam,
and Wayne Counties, WV

Ashland Resort Master Plan

Role: Project Manager
> McDowell County, WV

City of Beckley Downtown Improvements

Role: Project Manager
> Raleigh County, WV

Doddridge County Parks and Recreation Commission Park Road Upgrades

Role: Lead Planner
> Doddridge County, WV

West Virginia Visitor Center Conceptual Plan and Feasibility Study

Role: Project Manager
> Cabell County, WV

Webster County Economic Development Authority Bakers Island Master Plan

Role: Project Manager
> Webster County, WV

Doddridge County Economic Development Authority Strategic Planning

Role: Land Planner
> Doddridge County, WV

Marion County Economic Development Council Palatine Park Master Plan and Splash Park

Role: Landscape Designer
> Marion County, WV

JASON BOYD, PE, MBA

Transportation Planner



Transportation Division Manager, Jason Boyd, PE, MBA has nearly two decades of experience working with the West Virginia Division of Highways on both large and small-scale roadway and bridge design projects. Over the course of his career, Jason has been involved with over \$300,000,000 in construction dollars for critical transportation infrastructure, and has developed a large portfolio of work in all reaches of the state. Throughout the years, Jason has developed an intimate knowledge of the WVDOH policies and procedures that enables him to evaluate projects in an efficient and thorough manner.

Education

Master's Degree,
Business Administration
Marshall University

Bachelor of Science,
Civil Engineering
West Virginia University

Registrations

Professional Engineer:

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

Affiliations

- > Design – MicroStation, InRoads, GEOPAK, AutoCad Civil 3D, GuidSIGN
- > Hydraulics – HY 8, Hydraulic Toolbox, HEC-RAS
- > WVDOH Roadway Departure Assessment Workshop
- > WVDOH Cable Median Barrier Workshop

Jason manages a team of highly skilled design engineers at Thrasher, and works closely with them to oversee accuracy in the preparation of plans, project specifications, and estimates. Jason works on all facets of a project, including drainage design, roadway design, right-of-way plan preparation, geometric layout, utility relocation design, maintenance of traffic (MOT), permitting, signing and marking, plan preparation/presentation and detailed quantity/cost estimates. Jason's hands-on approach ensures that his clients' project goals are realized in a timely and cost-effective manner.

Experience

WVDOH Glen Jean Entrance Roadway Relocation

Role: Roadway Engineer
> Fayette County, WV

WVDOH Tabler Station Industrial Access Road

Role: Project Manager
> Berkeley County, WV

Roadway Design at the Summit Bechtel Family National Scout Reserve

Role: Lead Roadway Design
Engineer
> Fayette County, WV

WVDOH Tabler Station Connector

Role: Project Manager
> Berkeley County, WV

WVDOH Coalfields Expressway Welch to WV 16

Role: Project Manager
> Wyoming/McDowell
Counties, WV

WVDOH Mill Creek Roadway Upgrade

Role: Lead Roadway Engineer
> Fayette County, WV

WVDOH Corridor H Roadway Design

Role: Project Manager
Grant County, WV

WVDOH Tabler Station Industrial Access Road

Role: Project Manager
> Berkeley County, WV

JACOB DARRAH, GISP

Survey and Mapping Coordinator



Jacob Darrah has more than a decade of experience as a GIS professional. During this time, Jacob has been involved with projects spanning the entire Mid-Atlantic region. In his current role as the Senior GIS Manager for The Thrasher Group, he is involved in every facet of his clients' projects, including data management, geodatabase creation, crew management, and development of new job-site processes. His keen understanding of the GIS world and ability to quickly complete projects have earned him a host of repeat clients.

Education

Bachelor of Science,
Environmental Protection
West Virginia University

Certifications

- > Certified Geographic Information Systems (GIS) Professional
- > Leadership West Virginia

Experience

Upshur County Assessor

GIS Website

Role: Project Manager
> Upshur County, WV

City of Summersville Utility Location and GIS Services

Role: Project Manager
> Nicholas County, WV

City of Middlebourne Municipality GIS Website

Role: Project Manager
> Tyler County, WV

Doddridge County Schools Maintenance Building

Role: Project Manager
> Doddridge County, WV

Wetzel County Assessor GIS Website

Role: Project Manager
> Wetzel County, WV

South Charleston Sanitary Board Alum Creek Package Plant

Role: Project Manager
> Kanawha County, WV

Tyler County Courthouse Laser Scanning Asbuilt

Role: Project Manager
> Tyler county, WV

Berkeley County Commission Countywide Aerial

Mapping 2020
Role: Project Manager
> Berkeley County, WV

Morgantown Ruby Hazel Amphitheater- Laser Scanning As-built

Role: Project Manager
> Monongalia County WV

Union Public Service District GIS General Services

Role: Project Manager
> Kanawha County, WV

City of Milton GIS Map and Web Application

Role: Project Manager
> Cabell County, WV

ROBERT SEVERT

Environmental | Asbestos Manager



Robert Severt is an Environmental Scientist with The Thrasher Group, Inc.. He has over twelve years of experience in the construction and environmental fields working as an environmental geologist, project representative and skilled laborer. He has experience in a multitude of environmental, earthwork and construction projects. His specialties include slip evaluations, rock and soils identification, slope materials analysis, drainage, erosion and sediment control, mix design for full depth reclamation, Asbestos Building Inspections, Abatement Project Design and Phase I Environmental Site Assessments.

Education

Bachelor of Science,
Geology
West Virginia University

Registrations

Licensed Asbestos
Building Inspector:
> West Virginia
> Ohio

Licensed Asbestos Management
Planner
> West Virginia
> Ohio

Licensed Asbestos Abatement
Project Designer
> West Virginia

Affiliations

- > ACI Field Testing Technician - Grade I
- > ACI Aggregate Base Testing Technician
- > WVDOH S.A.C. Technician
- > WVDOH PCC Inspector
- > WVDOH TRET - Level III
- > HDPE Fusion Certified
- > 2017 Antero Safety Training
- > SafeLand USA Training
- > OSHA 10-hour Construction Safety Training
- > OSHA 30-hour Construction Safety Training
- > OSHA 40- Hour HAZWOPER training
- > AHA Heart Saver First Aid CPR / AED
- > Qualified Compliance Inspector of Stormwater

Mr. Severt is certified by the American Concrete Institute (ACI) as an Aggregate Base Testing Technician and a Concrete Field Testing Technician. He is also certified as an Asbestos Building Inspector, Management Planner, and Abatement Project Designer by Environmental Protection Agency approved trainings. He has worked on projects ranging from large scale commercial developments to small private ventures. In addition, Mr. Severt is proficient in Geographical Information Systems (GIS) use in site assessment and development and the use of GPS equipment.

Experience

**Lightburn Station
Asbestos Inspection**
Role: Licensed Asbestos
Inspector
> Lewis County, WV

**Fish Creek
Asbestos Inspection**
Role: Licensed Asbestos
Inspector
> Marshall County, WV

**Cohen Building
Asbestos Inspection**
Role: Asbestos Inspection
Project Manager
> Taylor County, WV

**Camden Health
Asbestos Inspection**
Role: Asbestos Inspection
Project Manager
> Nicholas County, WV

**Gilmer County Meter Station
Asbestos Inspection**
Role: Asbestos Inspection
Project Manager
> Gilmer County, WV

**City of Richwood Base
Station Asbestos Inspection**
Role: Asbestos Inspection
Project Manager
> Nicholas County, WV

TL- Coal Tar Wrap Sampling
Role: Asbestos Inspection
Project Manager
> Various Counties

**Hollick Run
Asbestos Building Inspection**
Role: Licensed Asbestos
Inspector
> Lewis County, WV

REFERENCES



Enrout Properties

Mr. Glen Adrian, Owner
466 Christy St
Morgantown, WV 26505
304-598-5716

Business Development Corporation

Mr. Pat Ford, Executive Director
324A Penco Road
Weirton, WV 26062
412-417-1694

West Virginia Division of Highways

Mr. Dave Cramer, Commissioner's Office of
Economic Development
1900 Kanawha Blvd., E | Building 5, Room 164
Charleston, WV 25305
304-414-6697

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