



**Chapman  
Technical  
Group**  
a division of  
GRW

March 4<sup>th</sup>, 2026

Camp Dawson Army Airfield  
Attn: David H Pauline  
2019 Washington ST E  
Charleston, West Virginia 25305

**Re: Camp Dawson Army Airfield  
Airfield Resurfacing Design**

Dear Mr. Pauline:

On behalf of Chapman Technical Group, I am pleased to submit this Statement of Qualifications in response to your notice soliciting Airfield Resurfacing Design Services for the Camp Dawson Army Airfield.

Over the last 30 years, Chapman Technical Group has enjoyed the privilege of providing consulting services to a number of airports in West Virginia as well as the Polk County Airport (Martin-Campbell Field) in Copperhill, Tennessee. We are confident that the level of service provided during our association with these airports is indicative of our commitment to providing superior service and support to our clients. As I am sure you will agree upon review of the attached Statement of Qualifications, Chapman Technical Group is excellently qualified to provide the required professional services in support of your Airfield Resurfacing Design Project.

I am enclosing one (1) hard copy of our Statement of Qualifications outlining our capabilities, representative project experience, and resumes of the key professionals in our firm. We sincerely appreciate the opportunity to respond to your announcement soliciting design services. If you have any questions or comments concerning our capabilities or the materials presented in this Statement of Qualifications, please do not hesitate to call me at (304) 472-8914. We look forward to your favorable consideration and are hopeful we can develop a relationship with your staff as we have with our current clients.

Very truly yours,  
**CHAPMAN TECHNICAL GROUP**

Robert G. Belcher  
Senior Vice President

RECEIVED

2026 MAR -3 AM 9:33

WV DISTRICT

200 Sixth Avenue  
Saint Albans, WV 25177

304.727.5501

Buckhannon, WV  
Lexington, KY

[www.chaptech.com](http://www.chaptech.com)



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

State of West Virginia  
 Centralized Expression of Interest  
 Architect/Engr

**Proc Folder:** 1908548  
**Doc Description:** Expression of Interest - EOI  
 Airfield Resurfacing - Design  
**Proc Type:** Central Purchase Order  
**Reason for Modification:**

Date Issued	Solicitation Closes	Solicitation No	Version
2026-02-19	2026-03-04 13:30	CEOI 0603 ADJ2600000004	1

**BID RECEIVING LOCATION**

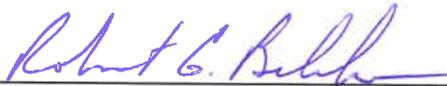
BID CLERK  
 DEPARTMENT OF ADMINISTRATION  
 PURCHASING DIVISION  
 2019 WASHINGTON ST E  
 CHARLESTON WV 25305  
 US

**VENDOR**

**Vendor Customer Code:** 000000207246  
**Vendor Name :** Chapman Technical Group  
**Address :** 43  
**Street :** East Main Street  
**City :** Buckhannon  
**State :** West Virginia **Country :** USA **Zip :** 26201  
**Principal Contact :** Robert G. Belcher  
**Vendor Contact Phone:** 304-472-8914 **Extension:** 3125

**FOR INFORMATION CONTACT THE BUYER**

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

**Vendor Signature X**  **FEIN#** 550704766 **DATE** 3/2/2026

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

**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) Robert G. Belcher, Senior Vice President

(Address) 43 East Main Street, Buckhannon, WV 26201

(Phone Number) / (Fax Number) 304-472-8914/N/A

(email address) gbelcher@chapttech.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.*

Chapman Technical Group

(Company) 

(Signature of Authorized Representative)

Robert G. Belcher,

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

304-472-8914/N/A

(Phone Number) (Fax Number)

gbelcher@chapttech.com

(Email Address)



**Chapman  
Technical  
Group**

a division of  
**GRW**

## Statement of Qualifications

**Airfield Resurfacing Design  
Camp Dawson Army Airfield  
Kingwood, West Virginia**

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**TAB 1**

Letter of Interest/Introduction

## Introduction



Established in 1984, Chapman Technical Group is a full-service consulting engineering firm with offices in St. Albans and Buckhannon, West Virginia offering an extensive range of professional engineering, architectural, interior design, surveying, and landscape architectural services. Chapman Technical Group has provided airport planning, design, and construction management services for aviation projects at airports located in West Virginia and Tennessee. In 2013, Chapman Technical Group was acquired as a wholly owned subsidiary by GRW, a multi-discipline architectural, engineering, and geospatial firm headquartered in Lexington, Kentucky. GRW has been ranked since 1972 in Engineering News Record's Top 500 Design Firms in the U.S.

Founded in 1964 by Mr. G. Reynolds Watkins, GRW has grown to become a full-service engineering, architectural and geospatial services firm with offices in Kentucky, Indiana, Ohio, Tennessee, and West Virginia. GRW's clients directly benefit from our "one stop" business model and multidiscipline staff of more than 200 employees, including a transportation team, as well as a dedicated staff of aviation professionals, with more than 30 civil/site, electrical, mechanical, and structural engineers and technicians in a supporting role.

Over the past four decades combined, the project team of Chapman Technical Group and GRW have provided airport planning, design, and construction management services to municipal airports in the region, as well as the U.S. Air Force and Air National Guard across the U.S. In fact, our project team has completed more than 400 plans, studies, and designs for civilian and military airports from Maine to California, with more than 150 of those projects being in West Virginia. As part of these assignments, we have worked closely with the FAA on many airport design projects, and we have coordinated with the FAA and reviewed FAA criteria compliance for Air National Guard (ANG) Installation Development Plans in 27 states. These ANG installations are often located on civilian airports which require meeting FAA and military regulations.

Throughout its over 30 years of providing aviation planning and engineering services to airports, Chapman Technical Group has achieved an outstanding reputation for providing high quality professional services for airport design and construction projects while maintaining superior relationships with our clients and delivering results that meet client schedules and budgets.

Our current market share in the State of West Virginia's aviation industry is highly indicative of our expertise in the field of aviation consulting and the exceptional level of service and support we provide to our clients. The State of West Virginia currently hosts twenty-four airports which are included in the National Plan of Integrated Airport Systems (NPIAS). Chapman Technical Group provides airport consulting services for ten of these twenty-four airports. We feel that this substantial market share and level of repeat business speaks volumes as to the incomparable quality of projects and aviation consulting experience provided to our clients.

**TAB 2**

**Qualifications**

## Team Experience in a Similar Capacity

The vast majority of our project team's experience is in the role of Primary Consultant. We have been providing consulting services in this role for over 40 years and are highly qualified to fulfill this role and provide the required airport planning, design and construction management services required for the upcoming projects at the Camp Dawson Army Airfield.



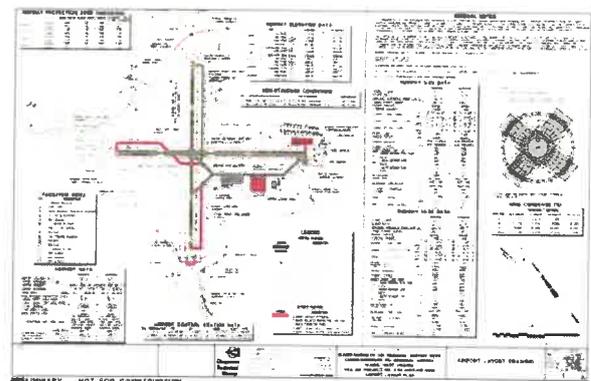
Our extensive experience in aviation planning, design and construction management puts us in an excellent position to provide the required services through all phases of a project. From conceptual design and layout to the completion of construction, our project team has an intimate understanding of the tasks required to successfully complete even the most complex airport development projects in an efficient and cost effective manner.

The following project services are typically provided in-house by our qualified team of professionals:

- Surveying
- Planning and Design Development
- Bidding and Contracting
- Construction Management and Administration
- Resident Construction Observation
- Aerial Mapping and Surveying
- Miscellaneous Permitting Services
- Grant Application and Administration
- Miscellaneous Administrative Services

The professionals and technical staff comprising our project team can provide a variety of airport-related planning and design services including:

- Airfield Layout and Pavement Design
- Airfield Lighting and Electrical Design
- Airfield Obstruction Removal Design
- Airfield Terrain Modification Design
- Terminal and Hangar Design
- Security Fencing Design
- Airfield Storm Water Drainage Design
- Airfield Surveying
- Airfield Obstruction Surveys
- Airport Master Planning
- Control Tower Design
- Airfield Feasibility and Site Selection Surveys
- Airfield Mapping and GIS Development
- Airspace Obstruction Surveys
- Aerial Imagery Collection



Some projects, however, require the assistance of various specialty consulting firms. The following services are typically performed by our network of qualified sub-consultants:

- Geotechnical Engineering and Material Acceptance Testing
- Environmental/Cultural Resources Assessment and Mitigation Planning

## Project Team Experience

### Professional Experience Summaries

The following are brief capsule summaries of the key project team members which are anticipated to be assigned to the projects at the Camp Dawson Army Airfield. Long form resumes for most of these team members are also included.

**Greg Belcher, PE** is a Senior Vice-President. He is a graduate of the West Virginia Institute of Technology and is registered as a Professional Engineer in West Virginia and Ohio. His thirty-five years of experience have encompassed a broad range of engineering projects including serving as the Principal-in-Charge for Chapman Technical Group's airport engineering projects. He will be responsible for overseeing the project quality control process.

**Brian Huffman, BSCE**, a principal aviation consultant, is a graduate Civil Engineer from West Virginia University. During his 50 years of engineering experience, Brian has gained a wealth of knowledge through a diverse range of projects. He provides general oversight of the administration of federal and state airport grants and strives to develop a close working relationship with the state and federal funding agencies to ensure that clients are in compliance with all applicable regulations. He is intimately familiar with the special nature of airports, aviation and the FAA, having served on an airport authority, and has managed, quite possibly, more airport projects than any other engineer in the State of West Virginia.



**Brandon Curry, EIT**, is a project manager who works exclusively with airport planning and development projects. He is a graduate of West Virginia University. Brandon is responsible for airport development, planning projects, and overseeing the projects through final completion. While with Chapman, he has worked with multiple airport authorities, completed various design elements, and project development tasks.

**Rob Hench, GISP**, is GRW's Chief Information Officer and GIS Manager. He is a graduate of Georgia Institute of Technology and is a certified GIS Professional. His thirty-eight years of experience provide a wide range of expertise in all areas of GIS database design and management. With this experience he has served over 100 airports in the United States with custom GIS application development for obstruction surveys in accordance with FAA Advisory Circular Requirements.

**David Mitchell**, the primary airport development resident construction observer, has worked with Chapman Technical Group for 24 years. During his 24 years of experience, he has provided resident construction observation services for various airport development projects. David is intimately familiar with all aspects of the construction process when it comes to airport development projects.

**Kelly Queen** is the Administrative Assistant in the Buckhannon office. Kelly has worked with Chapman Technical Group for 33 years. During her tenure, Kelly has provided administrative support for all airport development projects completed by Chapman Technical Group. Kelly assists our clients with grant administration and reporting requirements and is often the first point of contact for our clients with grant administration issues/questions. She is intimately familiar with FAA and DMTF policies and procedures pertaining to grant administration and has developed an excellent working relationship with both agencies.

**Jason Brown, PLS**, is a Professional Surveyor. He is a graduate of Glenville State College and is registered as a Professional Surveyor in West Virginia, Kentucky, Pennsylvania, and Virginia. Jason has provided surveying services on multiple airport projects in the State of West Virginia and will serve as the primary Surveyor.



**Joe Bird, PLA, ASLA**, is a Senior Vice-President and a registered Landscape Architect in West Virginia and Kentucky. He is a graduate of West Virginia University and has over 42 years professional experience in site planning and design. He has developed major projects throughout West Virginia. Joe has served as the Principal-in-Charge for Chapman Technical Group's airport architectural projects including the general aviation terminal building project at the Eastern West Virginia Regional Airport.

**Walt Mitchell** will serve as an Aviation Consultant. He will be responsible for providing general consultation to the Project Manager on all projects, especially airfield electrical and lighting projects. He will also be available to provide general consultation to the Airport Authority.

**Jeff Bubar** will serve as an Aviation Consultant. He will be responsible for providing general consultation to the Project Manager on all projects. He has over 50 years of experience in Aviation. As a retired military and corporate pilot, he will provide special consultation services in the airside design features of the airport.

**Monty Maynard, PE, LEED AP BD+C** is a Senior Vice-President. He is a graduate of the University of Kentucky and is registered as a Professional Engineer in twelve states, including West Virginia. Monty has provided electrical system engineering design and/or project management for more than 300 projects including numerous aviation related projects. Monty will serve as the Principal-in-Charge for GRW.



**Tom Cloer, AIA, NCARB** is a Project Architect. He is a graduate of the University of Tennessee and is registered as an Architect in West Virginia and Virginia. His seventeen years of experience have encompassed a broad range of projects including aviation-related facilities. Throughout his career, Tom has been responsible for marketing and client relations, leading design, writing specifications, project management, and construction administration. Tom has also served on a number of boards and committees and is currently the Secretary for the WV Chapter of the American Institute of Architects.

### Ability to Provide Qualified Resident Construction Observers

Effective construction management is an integral part of any successful construction project. Rather than our project design team (design engineers and project managers) turning over a project to a separate construction management team, our project teams oversee projects from conception through the completion of construction. Another integral part of successful construction projects is the utilization of qualified resident construction observers, as they can often times recognize and obtain solutions to problems before they escalate into major construction issues.

Our project team employs a team of experienced resident construction observers. Chapman Technical Group's primary airport construction observer is David Mitchell. David has 23 years of relative experience, with Chapman Technical Group performing construction observation and involved with many different types of airport development projects. With the combined capabilities of our project team, the Camp Dawson Army Airfield can be assured that they will receive the critical attention needed to successfully complete the required construction projects.

### Qualifications and Experience of Outside Consultants

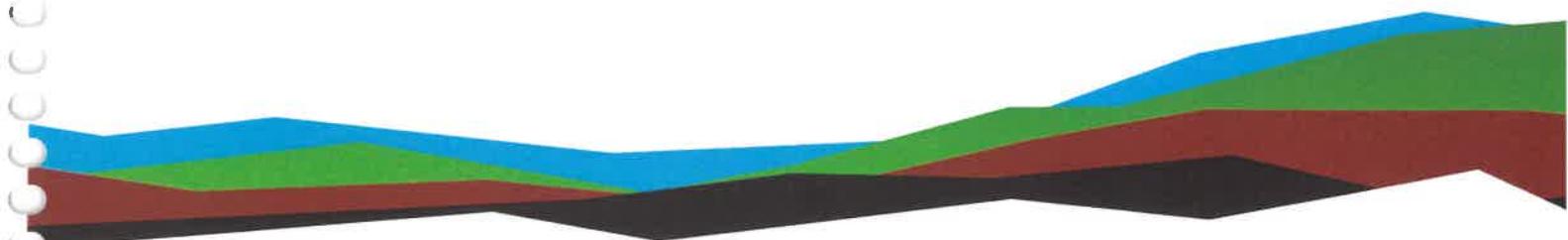
Some projects require the assistance of various specialty consulting firms. We are careful to collaborate with only those specialty firms which are qualified to provide us, in a timely manner, the information required to complete the project. The upcoming projects at the Camp Dawson Army Airfield may require the use of specialty firms to provide the required services, most notably geotechnical and materials acceptance testing.

Our project team will collaborate with Terracon Consultants, Inc.'s offices in Charleston, West Virginia; Louisville, Kentucky; and Lexington, Kentucky to provide the required geotechnical and materials acceptance

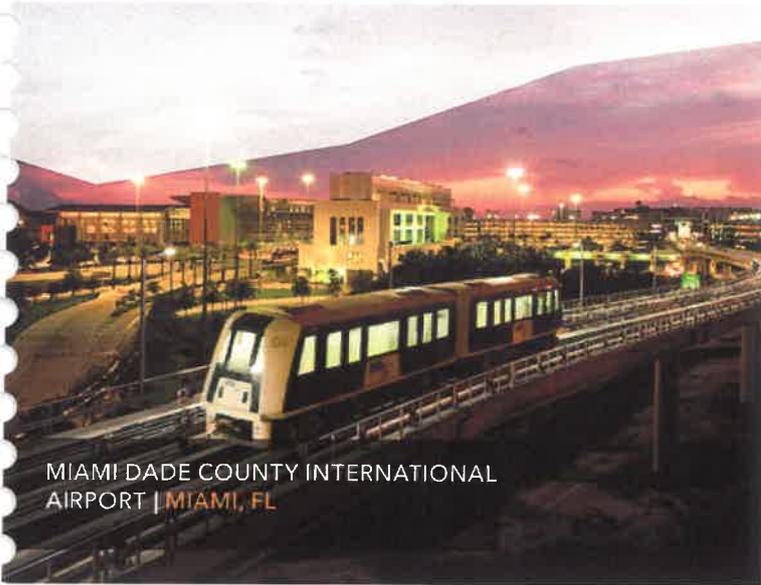
testing services for the proposed projects. With over 40 years of consulting experience and in excess of 100 offices nationwide, Terracon's considerable expertise allows them to be well positioned to provide the required services in a cost effective and timely manner.



# Aviation Company Overview



912 Morris Street  
Charleston, WV 25301  
P (304) 344-0821  
[Terracon.com/Office](http://Terracon.com/Office)



MIAMI DADE COUNTY INTERNATIONAL AIRPORT | MIAMI, FL



LOUIS ARMSTRONG INTERNATIONAL AIRPORT | NEW ORLEANS, LA

## Transportation | Regional Aviation

Terracon is a proven leader in the aviation industry providing environmental, facilities, geotechnical, and materials testing services. Our dedicated, national aviation group is comprised of experts throughout the United States, discovering solutions to the most challenging issues, bringing national resources together with local experience to create lasting value.

Our aviation clients include small, medium, and large hub airports, infrastructure specialists, program managers, engineering firms, property owners, and contractors. Terracon's success is based on demonstrated leadership and the ability to effectively manage resources and budgets.

Team members are knowledgeable and familiar with airport operations, FAA requirements, and the specific considerations involving airport work at all levels to all projects. Our team's expertise includes the importance of conducting work while the airport is fully functional, without impacting operations, and avoiding disruptions to passenger and traffic flow.

Safety, security, communication, and planning are extremely important to your project's success. Our team is supported

by the regional resources necessary to manage and successfully coordinate your project goals with the safety of all stakeholders top of mind.

### ■ Environmental

- Environmental Site Assessment (ESA)
- Environmental Site Investigations (ESI)
- Brownfields/Site Redevelopment
- Groundwater Assessment Remediation
- Natural Resources/Wetlands Delineation
- NEPA Reviews
- Inspection/Compliance Permitting (NPDES, SWPPP, SPCC)
- Asbestos/Lead/Mold/Indoor Air Quality
- Remedial Design and Implementation

### ■ Facilities

- Building Enclosure Consulting
- Engineering Diagnostics
- Mechanical, Electrical, and Plumbing
- Property/Facility Condition Assessments

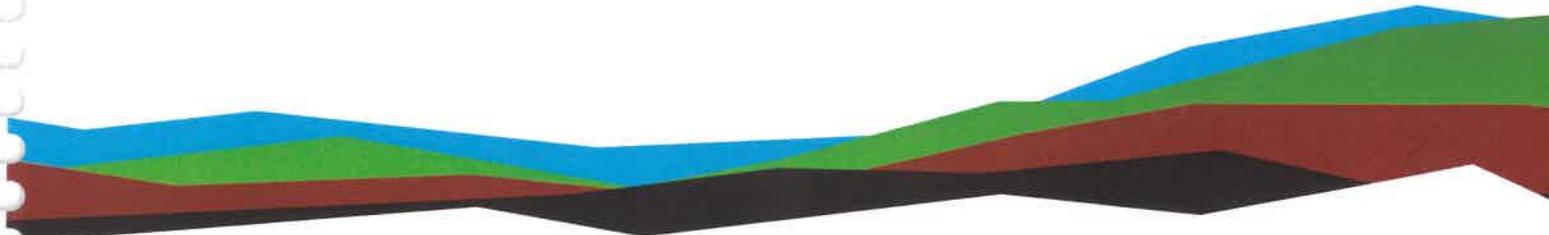
### ■ Geotechnical

- Subsurface Exploration
- In-Situ Testing/Performance Monitoring
- Field/Laboratory Soils Testing

- Foundation Analysis
- Earth Structures, Slopes, and Retention Systems
- Soil Stabilization and Ground Improvement
- Groundwater Control and Pavement Design
- Pavement Analysis and Design
- Seismic Design

### ■ Materials

- Special Inspection
- Construction QA/QC Programs
- Field/Laboratory Materials Testing
- Roof Installation Monitoring
- On-Site Observation and Monitoring
- Structural Steel and Nondestructive Testing
- Field/Laboratory Design/Review
- Materials Mixes





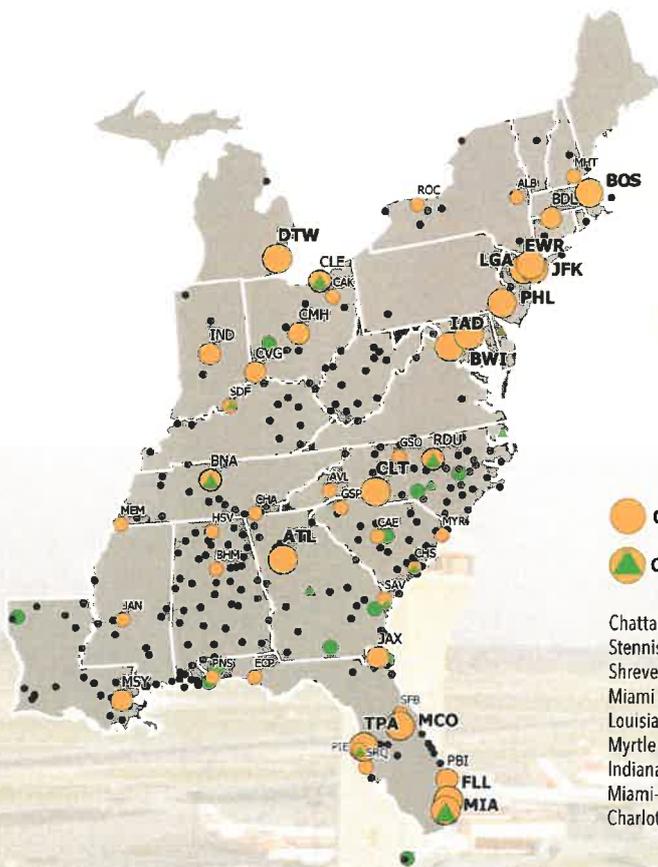
CINCINNATI/NORTHERN KENTUCKY INTERNATIONAL AIRPORT | HEBRON, KY

## Why Terracon?

**Resourceful.** Terracon is a one-stop resource for all of your aviation challenges. You can count on receiving the specialized attention and resources your projects need. Our vast resources allow us to mobilize quickly to your site to get the job done.

**Responsive.** We're there when you need us. When an airport client needed to rehabilitate a runway, Terracon collected field data and conducted a non-destructive testing program. Within two days, we performed nearly 500 tests near joints, with comparative tests performed near mid-panel locations.

**Reliable.** Terracon recognizes that alternative delivery projects require a different approach than traditional design-bid-build services. Combining talent from Terracon's more than 175 locations with a national and international team of aviation/transportation experts gives our clients a true competitive advantage.



*"Terracon has consistently been an outstanding performer, and their highly experienced staff have a keen understanding of the design-build process and the goals and objectives of the lead designer, contractor, and owner."*  
 -JIM KLEMZ, PARSONS TRANSPORTATION GROUP

- Commercial Airport Hub
- ▲ General Aviation/Military
- Military only
- ▲ Commercial/Military
- General Aviation

- Chattanooga Metropolitan Airport
- Stennis International Airport
- Shreveport Regional Airport
- Miami Executive Airport
- Louisiana Regional Airport
- Myrtle Beach International Airport
- Indianapolis International Airport
- Miami-Opa Locka Executive Airport
- Charlotte Douglas International Airport
- Savannah/Hilton Head International
- Copiah County Airport
- John Bell Williams Airport
- Huntington Tri-State Airport
- Miami International Airport
- Boca Raton Airport
- Eastern Air Center
- Orlando International Airport
- Cincinnati/Northern Kentucky International

# Company Overview



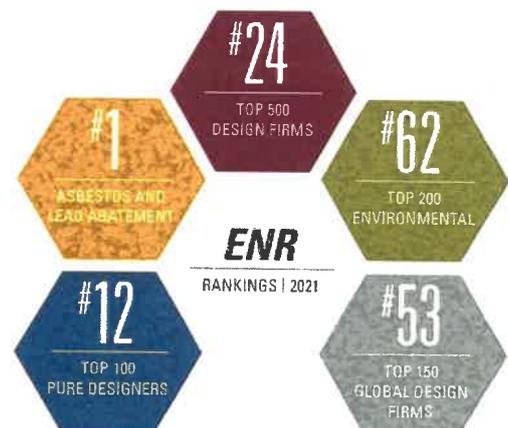
## COMPANY PROFILE

Wherever you are on your project journey, Terracon’s employee-owners are ready to meet you where you are and help you reach your goal. Since our founding in 1965, Terracon has grown and evolved to become a thriving, employee-owned, multidiscipline engineering consulting firm. Our more than 5,000 curious minds include engineers, scientists, architects, facilities experts, and field professionals focused on solving engineering and technical challenges from more than 175 locations nationwide. On-time and real-time data driven insights, provided by our talented employee owners, create an unmatched client experience that spans the lifecycle of any project from earth-to-sky.

Terracon consistently ranks as a top 25 design firm by Engineering News-Record. Our successful growth has included organic expansion and innovation as well as the acquisition of more than 60 firms with specialized capabilities. A focused and uncompromising dedication to safety has been integral to how we support our employees, clients, and communities.

Throughout the life of your project, we won’t just point the way – we’ll go with you. From site selection, to the design and construction, to maintaining the life of the structure, we’ll help you achieve success through engineering and scientific expertise, a passion for problem-solving, and a drive to explore.

We’re ready when – and where – you are. Explore with us!

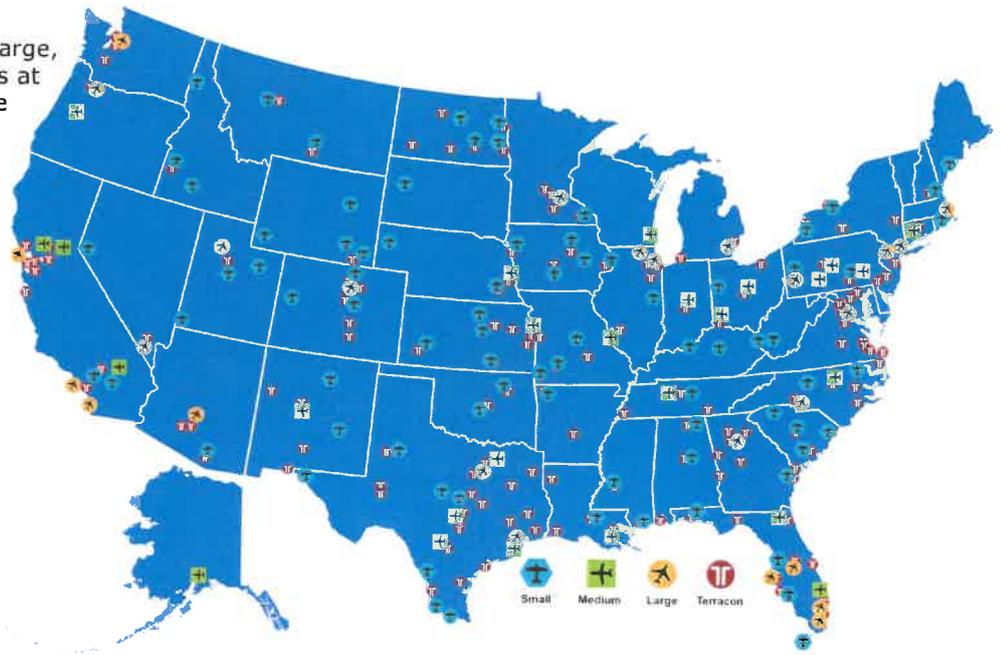


# Company Overview

## AVIATION EXPERIENCE

Terracon has worked on a wide variety of airport projects throughout the United States. In the last five years, Terracon has worked on hundreds of aviation projects exceeding \$17 million in revenues. In the last five years as well, Terracon has completed 63 different projects in the state of West Virginia at both small to medium size airports.

The following map shows the large, medium and small hub airports at which we have worked. We are extremely knowledgeable and familiar with Federal Aviation Administration (FAA) quality acceptance criteria, and we can apply other proven methods of managing work at airports, we will not be surprised by the issues that could arise while working on your projects.



### Aviation Expertise

Terracon has worked on approximately 40 large and medium hub airports across the United States, providing Environmental, Geotechnical, and Materials Testing services. We understand the unique nuances of this facility type. From working within a terminal to working on an active airfield, we understand that disruption to daily activities should be kept to a minimum.

### Seasoned National Aviation Group

With by a National Aviation Group comprised of experts located across the United States, you can count on your projects to receive the specialized attention and resources they need.

### Diverse Aviation Experience

Terracon has provided Environmental, Geotechnical and Materials Testing services on more than 40 large and medium hub airports nationwide, and we have long-term relationships with many of them. For example, in the last four years Terracon has worked on more than 22 projects at Hartsfield-Jackson Atlanta International Airport. We have also performed more than 500 projects at Minneapolis St. Paul Airport including its six reliever airports. We will apply this experience to your projects and be able to handle any issues that arise throughout the life of the contract.

### Commitment to Safety

Safety at an ongoing airfield is of paramount importance for construction workers and the general public. Terracon has extensive experience working around an operating airport and runway facilities, and is familiar with the FAA badge requirements requiring drug testing, background screening, as well as the site safety requirements regarding flagging and equipment. The cornerstones of our safety program include daily pre-task planning, and scheduling of work with a focus on safety, recognizing and encouraging safe work and behaviors, recognizing and correcting less safe work, and immediately stopping unsafe work. Our commitment to our employees is that everyone goes home safe every day.

# Company Overview

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## Terracon Services

### Environmental

Negotiating the complexities of environmental issues can be challenging and time consuming. Terracon relies upon demonstrated experience and knowledge of local conditions and regulations to deliver solutions that are timely, practical and make good business sense.



- Due Diligence + Transactional Support
- Site Investigation and Closure
- Remedial Design and Implementation
- Brownfields + Site Redevelopment
- Asbestos and Industrial Hygiene Consulting
- Disaster Response
- Environmental Planning and Permitting
- Landscape Architecture, Planning, and Design
- Regulatory Compliance
- Solid Waste Planning and Design

### Geotechnical

Designing and constructing reliable foundations and infrastructure require a thorough understanding of soil, rock, and groundwater conditions. Through Terracon's nationwide network of geotechnical professionals, access to historical subsurface exploration data from thousands of locations across the country, and GIS-enabled geology mapping, we can accurately anticipate ground conditions and develop the right work plan to explore a site. Our innovative technologies and collaborative approach allow us to provide practical design recommendations.

- Stage1 Site Considerations
- Site Characterization (Subsurface Exploration, In-Situ Testing, and Geophysics)
- Geotechnical Engineering and Rock Mechanics
- Laboratory Testing
- Geostructural Design and Instrumentation
- Pavement Management
- Collaborative Reporting/Decision Making
- Engineering Consultation During Construction

### Materials

Proper selection, quality, workmanship, and performance of construction materials play a vital role in ensuring that today's buildings and infrastructure perform adequately over long time periods. We work with clients to minimize material replacements, reduce the likelihood of deterioration, avoid potential failures, and investigate and evaluate construction materials related problems and failures when they do occur.

- Construction Quality Assurance/Quality Control
- Construction/Special Inspection
- Materials Engineering
- Field and Laboratory Testing and Analysis
- Construction Observation and Monitoring
- Pavement Consulting and Engineering
- Structural Steel and Nondestructive Testing

# Company Overview

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## Safety

Safety is one of Terracon's core values and our commitment to an *Incident and Injury-Free™ (IIF™)*<sup>1</sup> philosophy is one of the pillars of our culture. Successful execution and delivery includes the need to work safely and keep our employees and the public safe every day. Terracon is very much a safety-oriented company. We have built health and safety into all aspects of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an *IIF* moment and safety discussion.

### *What is Incident and Injury-Free (IIF)?*

*IIF* is about care and concern for people. It is our personal and organizational commitment at all levels of the company to everyone going home safe to their family **every** day. *IIF* is safety as a core value as well as an operational priority. Working safely is an inseparable part of working correctly, just as much as other operational priorities, specifically, quality, budget, and schedule. *IIF* is our commitment to our people, whom we value for who they are and what they do.

Conducting our work safely means conducting our work in the only acceptable way. Incidents, injuries and accidents will not be viewed as problems to make go away, but as opportunities to strengthen *IIF*. It is about developing a mindset intolerant of any incidents or injuries no matter how minor or infrequent.

### *Our Rules to Live By*

*IIF* is about *Our Rules to Live By* which are at the foundation of Terracon's *IIF* culture. These rules give employees clear, specific ways to stay safe on the job, covering essential aspects of safety including personal protective equipment (PPE), equipment and tools, working at heights and depths, motorized vehicle safety, and reporting of injuries. We regularly follow and discuss *Our Rules to Live By* in our offices and on job sites to ensure everyone is following these fundamental rules. Our focus on pre-task planning also serves to reinforce this message **every** day.

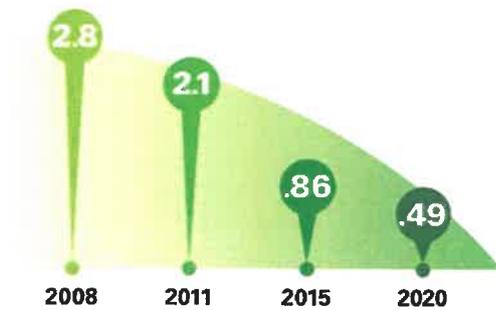
<sup>1</sup>Terracon's safety program incorporates the *IIF™ Incident and Injury-Free™* approach to safety trademarked and provided by JMJ Associates.

# Company Overview

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We cannot just tell someone to “be safe.” We can request of our employees to follow *Our Rules to Live By*. These rules include pre-task planning for each task **every** day, as well as follow the safe work practices they have been trained to follow to complete work at a task level. *Our Rules to Live By* have made a measurable difference in keeping our employees safe and in helping us preserve the trust and business with our clients.

## TRIR



*Terracon's TRIR\* has decreased more than 80 percent in our safety journey. This is accompanying an increase of more than 2,000 employees, demonstrating Terracon's unwavering commitment to build safety and wellbeing into all aspects of our business. Our clients can be assured Terracon employees have a high level of safety awareness extending to every single project and jobsite, so it is safe for your staff, property owners, innocent bystanders, and our staff.*

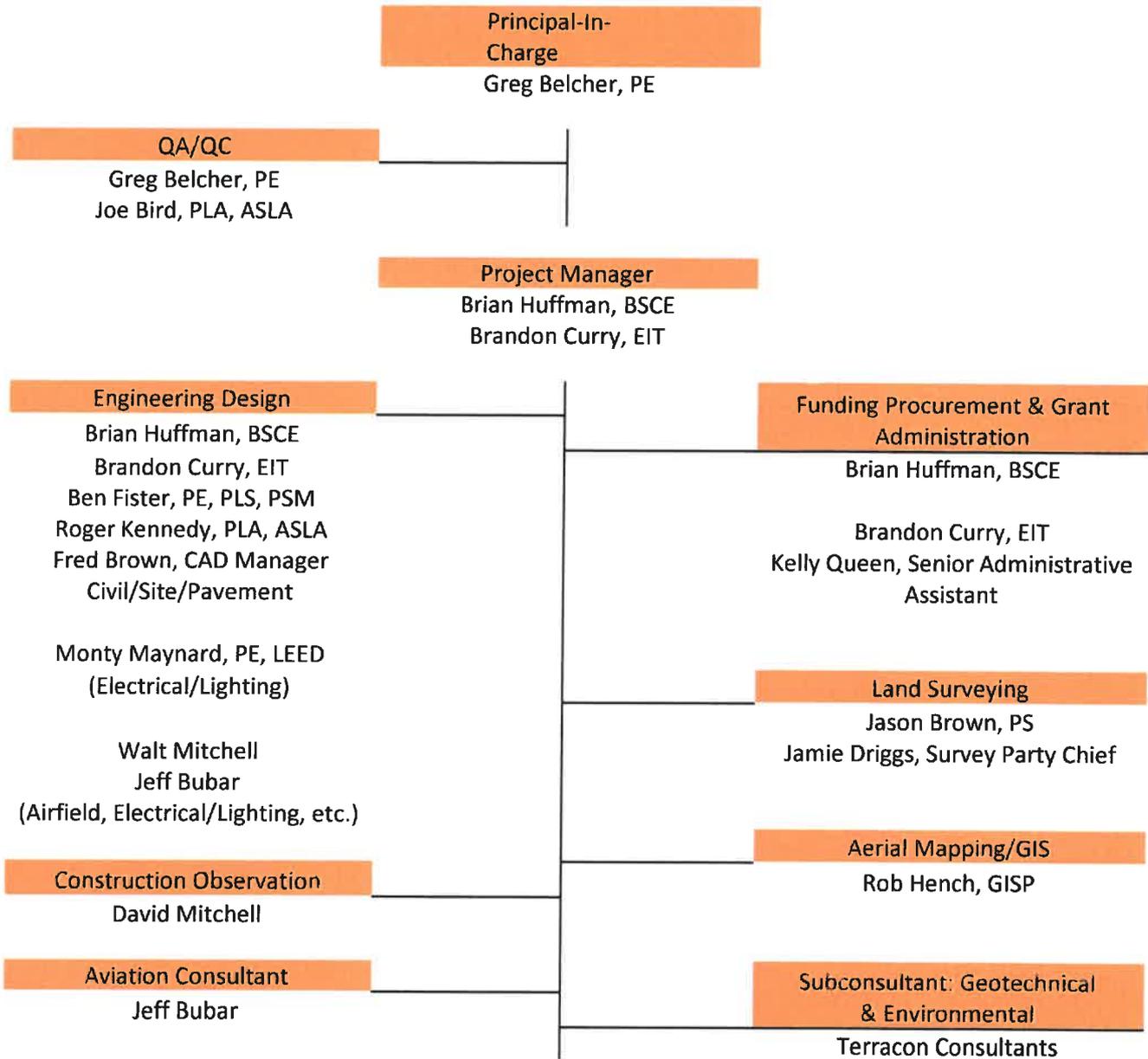
*\*Terracon uses the standard TRIR calculation of number of OSHA-recordable incidents x 200,000 divided by total employee hours worked.*

**TAB 3**

**Organizational Chart**

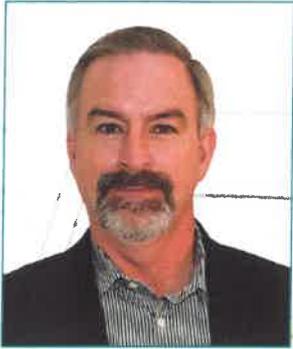
## Organizational Chart

We are pleased to introduce our project team for the airport engineering services at the Camp Dawson Army Airfield. Below is an organizational chart of the primary professionals which will be assigned to projects at the airport along with an indication of the services they will provide.



**TAB 4**

Resumes



# Robert G. Belcher, P.E.

## Senior Vice President Project Officer

Years of Experience: 41  
Years with Chapman: 39

### Education

B.S., Civil Engineering, 1983,  
West Virginia Institute of  
Technology

### Registration

Civil Engineer: WV, OH, VA

### Affiliations

WV Water Environment  
Association

Contractor's Association of WV

WV American Water Works  
Association

WV Society of Professional  
Engineers

WV American Council of  
Engineering Companies

WVUIT Civil Engineering Advisory  
Board

WV Qualifications Based  
Selection Council

### Awards

George Warren Fuller Award,  
2001

## Experience

### Water Systems

Design and project management for numerous water systems for both public and private water companies. Projects include new water treatment plants as large as 6.0 MGD, improvements to existing plants, water mains and distribution systems. Water storage projects include glass-lined steel tanks, welded high-strength steel tanks, elevated pedestal tanks, and pre-stressed concrete tanks.

### Wastewater Systems

Design and project management for numerous wastewater systems throughout West Virginia. Projects include new, secondary and tertiary wastewater treatment plants as large as 4.5 MGD, improvements to existing plants, small-flow treatment plants, new and rehabilitation of wastewater collection systems, CSO compliance, SSES Reports and I/I Studies, and facility plan updates.

### Stormwater/Highways/Airports

Design and project management for large highway and bridge projects, airport improvements projects, large stormwater management projects including assistance with MS4 compliance, as well as potable water and wastewater system design for site development projects throughout West Virginia, and Virginia.



## Brandon Curry, EIT

### Project Engineer

Years of Experience: 3  
Years at Chapman: 3

#### Education

B.S., Industrial Engineering, 2022  
West Virginia University, WV

## Experience

#### Engineering and Design

Assisted project managers in overseeing projects at multiple locations, utilizing Global Mapper for aerial imaging and contour line data to create aerial maps. Monitored and documented conditions of various job sites before and after construction completion.

#### Airport Design

Designed a diverse range of projects, showcasing a wide range of expertise. These include pavement rehabilitation, perimeter fencing, weather reporting equipment, airport beacon, tower, airfield drainage, and easement acquisition.

#### Airfield Pavement

Project engineer and manager for projects involving the construction and rehabilitation of airfield pavements. Rehabilitation methods included crack repair, pavement sealer, and pavement resurfacing.

#### Resident Construction Observation

Resident construction observer for airport development projects. Responsibilities include airfield rehabilitation, pavement marking, perimeter fence rehabilitation, taxi lane reconstruction, airfield guidance sign installation, and runway safety area improvements.



## Brian G. Huffman

### Aviation Consultant

Years of Experience: 51  
Years with Chapman: 34

#### Education

B.S., Civil Engineering, 1974  
West Virginia University

## Experience

#### Airport Consultant

Design and project management for a number of projects, including pavement rehabilitation, landslide repair, taxiway and apron construction, airfield drainage improvements, airfield lighting systems, SRE buildings, equipment purchases, perimeter fencing, visual aids, obstruction removal and aviation observation and utility systems. Prepared airport Exhibit 'A's and assisted with DBE plans and updates in accordance with FAA requirements.

#### Water/Wastewater

Design and project management for numerous wastewater and potable water systems for both public and private utility companies.

#### Miscellaneous

Design and project management for stormwater and sanitary sewer separation projects. City of Buckhannon Water Board Water Department Director and Buckhannon Upshur Airport Authority Member, Responsible for treatment plant and system operations and the development and implementation of a reservoir management and plant optimization program. Design and project management at a paper mill modernization project and numerous coal preparation plants and material handling systems.



## Ben D. Fister, PE, PLS, PSM

### Aviation Engineer

Years of Experience: 57  
Years with GRW: 53

#### Education

B.A., Physics, 1966, Villa  
Madonna College

B.S., Civil Engineering, 1968,  
University of Kentucky

M.S., Civil/Environmental  
Engineering, 1972, University  
of Kentucky

#### Registration

PE: KY, AL, CO, FL, GA, IL, IN,  
KS, LA, MO, MN, MS, NC, OH,  
OK, SC, TN, TX, VA, WI, WV  
PLS: KY, AL, IL, LA, MD, MS,  
NC, TN, GA, WV

PSM: FL

SP: VA

#### Affiliations

American Society of  
Photogrammetry & Remote  
Sensing

Kentucky Society of  
Professional Engineers

Kentucky Association of  
Professional Surveyors

National Society of  
Professional Engineers

Water Pollution Control  
Federation

## Experience

Ben has more than four decades of master planning and engineering design experience. Highlights of his career include the management of major stormwater projects for the U.S. Army Corps of Engineers (USACE); dozens of roadway, bridge and aviation projects throughout Kentucky; and more than 25 master planning projects for the U.S. Army, Air Force and Air National Guard. Prior to his career at GRW, Ben served in the USACE as an instructor and construction manager for airfields and highways.

#### Air National Guard - Geospatial Mapping of 12 ANG Bases - QA/QC.

This project involved aerial mapping, surveying and GIS services in compliance with the SDSFIE, at over a dozen Air National Guard Bases throughout the nation. Tasks supported the ANG's effort to increase operational efficiencies by establishing a gee-referenced map for the Common Installation Picture (CIP), a set of digital map layers covering base installation features and infrastructure necessary to conduct base operations and site management.

#### Airport Layout Plans - Airport Obstruction Surveys; Several states

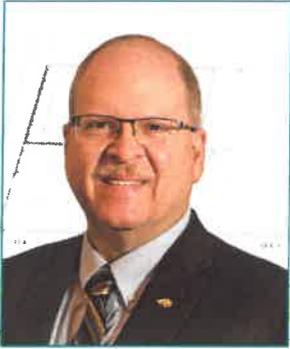
Principal GRW has completed airport mapping projects for multiple engineering clients in several states. Tasks involved obstruction surveys, Airport Layout Plan mapping, PACS and SACS, monumentation, tower siting surveys, and digital orthophotography services across the nation.

#### Blue Grass Airport Improvements; Lexington, KY

Principal-in-Charge. Planning, surveys, mapping, geotechnical investigation, design, cost estimates and resident inspection for more than three decades of regional airport major improvements including: air carrier apron and lighting; general aviation apron, taxiways and lighting; 4,500 feet of access road to the terminal; internal access roads; parking lots; utilities (gas, water, sewage, power, telephone); stormwater drainage system; remote rental car parking areas; air freight buildings; airfield power systems and regulator vault; and airport layout plan update.

#### Edwards Air Force Base Comprehensive Base Master Plan; Palmdale, CA

Project Manager for Comprehensive master planning, GIS development, natural and cultural resources services, environmental, and facility and infrastructure analysis services over a 7-year period, totaling \$16 million in professional services fees, at a 470-square-mile California air base, integrating the interests of myriad Air Force organizations, government agencies of multiple levels, civic and community organizations, and neighboring military installations, to guide future installation development decisions. Addressed comprehensive issues in multiple plan documents, including an Energy Plan that reduced energy costs by 30%.



# Roger Kennedy, ASLA

## Vice President Landscape Architect

Years of Experience: 35  
Years with Chapman: 34

### Education

B.S., Landscape  
Architecture, 1990  
West Virginia University

### Registration

Landscape Architect: WV, KY

### Affiliations

Member, WV Chapter,  
American Society of  
Landscape Architects

Member, St. Albans Rotary

Scoutmaster, Scouts BSA  
Troop 146

Member, Sigma Lambda  
Alpha Honor Society of  
Landscape Architects

### Awards

WV Division of Highways Engi-  
neering Excellence:

Meadow River Trail  
Engineering Excellence:  
2024

Corridor H  
2013

WV Route 10  
2011, 2000

## Experience

Roger has a very diverse professional background, having been involved in parks and recreation projects, highway design, stormwater management, and trail and streetscape design. Other experience includes the use of various civil design software packages for use in site development and road design, digital terrain modeling, hydraulic analysis and related computer aided design tools, as well as the development and management of the computing resources of the company.

### Stormwater Planning and Design

Responsible for the planning and design of stormwater management including retention and detention systems for a variety of facilities from minor park lots to major office and industrial complexes and other public facilities.

### Site Design and Land Development

Responsibilities include grading design, site planning and layout, analysis of existing features and services, storm water design and management, erosion control, as well as project management. Projects include streets and sidewalks, trails, military complexes, banks, airports, subdivisions, boating facilities, fueling stations and other public facilities.

### Recreation Design and Master Planning

Projects include pedestrian and multi-use trails; waterfront development; fishing and boating facilities; ski developments; sports fields; cabins and support facilities.



## Monty Maynard, PE

### LEED AP BD+C

### Vice President

Years of Experience: 49  
Years with GRW: 30

#### Education

B.S., Electrical Engineering,  
1978,  
University of Kentucky

#### Registration

Professional Engineer  
(Electrical): KY, WV, IN, GA,  
TN, TX, FL

LEED Accredited Professional,  
Building Design + Construction

#### Affiliations

National Fire Protection  
Association

International Society of  
Automation

American Council of  
Engineering Companies

National Council of  
Examiners for Engineering  
and Surveying

## Experience

Monty's experience with electrical design, process instrumentation and control design, and project management is extensive. He has been involved with the design of building systems for more than 300 projects, ranging from water resources projects to the design-build of federal prisons, with total construction values as high as \$984 million. His areas of technical expertise include electrical power distribution, substation design, alarm systems, communications, lighting, lightning protection, instrumentation/controls/telemetry, power quality, energy efficiency and code compliance.

#### Appalachian Regional Airport Hangars and Aviation Fuel Farm; Varney, WV

Electrical Engineer. Project included 10-unit nested T-hangar; aviation fuel storage and dispensing unit for Jet-A turbine fuel, including 10,000-gallon, above-ground double-wall storage tank and 200 gpm pumping and filtration system; aviation fuel storage and dispensing unit for aviation gasoline, including 6,000-gallon, above-ground double-wall storage tank and 150 gpm pumping and filtration system; and aviation self-service fueling terminal with credit card reader, user interface, and dispenser control functions.

#### Louisville Muhammad Ali International Airport Quick Turnaround (QTA) Facility; Louisville, KY

Project Manager. Engineering design and construction phase services of quick turnaround (QTA) facility and ancillary facilities, which provide centralized service area (on approximately 9 acres) for multiple rental car companies. Security systems include automatic loop detection traffic control arms and tire shredding traffic control devices; secondary egress lanes with pop-up full barriers; proximity card readers for staff; video analytics and cameras with facial image and license plate image capture and recognition; and lighting.



# Walter R. Mitchell

## Airport Consultant

Years of Experience: 67  
Years with Chapman: 28

### Education

Technical Courses on Electronic/Electrical Fundamentals, FAA, US Army and Air Force Management/Staff Courses, FAA, Center for Management Development WV DOH Asphalt Inspector/Technician Course, 1998

### Affiliations

Past Board of Directors,  
United Way of Kanawha Valley

Past Board of Directors,  
WV Rehabilitation Foundation

## Experience

### Airport Consultant

Responsibilities include providing technical assistance for engineering design for all aspects of airfield lighting, approach aid system and general electrical installations. Also, provides consultant services relating to airport operations and facilities management.

### Airport Construction Observation

Provides technical assistance for engineering design for all aspect of airfield lighting and electrical services.

### Miscellaneous

Other responsibilities included the installation, operation, maintenance and certification of all FAA facilities in Southern West Virginia and Yeager Airport, production engineering studies on a wide variety of electronic fuzing for munitions and dispensing systems, and final electrical testing of telemetries and control equipment.



# Jeffrey D. Bubar

## Airport Consultant

Years of Experience: 53  
Years with Chapman: 29

### Education

University of Maine, BS, 1968  
West Virginia University, MS, 1971

U.S. Army Medical Field Service  
School, 1971

U.S. Air Force Jet Pilot Training,  
1972-1973

### Past Affiliations

West Virginia Aeronautics  
Commissioner

West Virginia Airport Managers  
Association; Founding Officer

American Association of  
Airport Executives

Southeast Airport Managers  
Association; Director

West Virginia Aviation Museum  
Foundation; Director

Aircraft Owners and Pilots  
Association

Charleston Convention and  
Visitors Bureau; Director

St. Albans Renaissance Group;  
Director

Ameribank; Director

## Experience

### Airport Management

Managed a commercial/ general aviation/ military airport under the governorship of a regional airport authority. Supervised a staff of 53 personnel in four departments. Wrote an Airport Certification Manual and Airport Security, Emergency and Snow Removal Plans. Established professional Airport Police and Airport Rescue and Fire Fighting Departments. Secured federal and state grants and administered dozens of projects including equipment acquisition and renovation and construction projects involving the airfield, terminal building, access roadways, parking facilities, utility service, hangars, government-occupied buildings and support facilities. Negotiated a residual airport use agreement with the airlines that served to underwrite the airport's first revenue bond issue. Developed a computer-based budgeting program linked to an airport rates and charges analysis.

### Aviation Consulting

Consult with Chapman Technical Group on all matters involving airport planning and construction work. Advise planners, engineers and designers on technical issues related to Federal Aviation Regulations, FAA Advisory Circulars and Orders, aircraft performance characteristics, flight procedures and air traffic control. Counsel company staff on matters related to airport management and governance and airport client relations.

### Military Aviation

West Virginia Air National Guard; Command Pilot and Squadron Commander. Flew C-130s during Operations Desert Shield and Desert Storm.

### Corporate Aviation

Corporate pilot for Chapman Technical Group, flying a Beech Baron 58.

### Aviation Contracting

FAA Airport Master Records Contractor performing obstruction surveys, airfield inspection and inventory for all public-use general aviation airports in West Virginia to update each airport's FAA's Form 5010, Airport Master Record.



## Joseph E. Bird, ASLA

### Senior Vice President Project Manager

Years of Experience: 47  
Years with Chapman: 40

#### Education

B.S., Landscape  
Architecture, 1978  
West Virginia University

#### Registration

Landscape Architect: WV, KY,  
IN

#### Affiliations

Council  
of Landscape Architectural  
Registration Boards

WV Chapter, American Society  
of Landscape Architects

## Experience

Joe has been involved in a wide range of projects in his 40+ years of experience. In addition to his landscape architectural design experience, he has served as Project Manager for many major multi-discipline projects ranging from site development to major architectural projects. His experience includes coordinating the efforts of various local, state, and federal agencies.

#### Site Development

Site planning and project management for numerous projects throughout West Virginia ranging from small campus sites to large sites for commercial, government, industrial, and institutional development. Projects include military complexes, campuses, public housing developments and other public facilities.

#### Parks and Recreation

Projects include, master planning for municipal parks, swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems. He has also been involved in the design of facilities such as softball fields, fishing access facilities, recreation facilities for prisons, as well as passive recreation areas for public and private clients.

#### Miscellaneous

Other project experience includes the urban planning and development, streetscape design, roadway and storm drainage projects, as well as the project management of numerous major architectural projects throughout West Virginia.



## Phillip A. Warnock, NCARB, AIA Project Architect

Years of Experience: 34  
Years with Chapman: 22

### Education

B.S., Architecture, 1995  
University of Tennessee

### Registration

Architect: WV, KY, IN, TN

### Affiliations

National Council  
of Architectural  
Registration Boards

WV Chapter,  
American Institute  
of Architects

### Awards

Honor Award, WV AIA  
Upshur County Courthouse

Merit Award, WV AIA  
I-79 Burnsville Rest Area

Merit Award, WV AIA  
State Road Commission  
Building

### Publications

Structure Magazine,  
February 2010  
"A Gem in the Mountains"  
Upshur County Courthouse  
Restoration

## Experience

Phill is an award-winning architect with extensive experience, having worked with clients on programming / planning, budget analysis, design, construction documents, meeting coordination, bidding / negotiation services, construction phase services, and code compliance. He is especially skilled in renovation and historic restoration projects for government and municipal facilities.

### Martin Campbell Field Hangar Renovation; Copper Hill, TN

Project Architect for the rehabilitation and renovation of the terminal and hangar facilities at Martin Campbell Field which was originally built around 1965. The work includes removing and replacing the metal roof, exterior metal wall panels, and the metal building's structural system. Installation of code-mandated fire walls, ADA access to the building, lighting, and HVAC improvements, and restroom renovations are included in the work.

### Upshur County Regional Airport Terminal Building; Buckhannon, WV

Project Architect for the Upshur County Regional Airport's Terminal Building. The 1,420 SF structure provides general aviation support facilities, including a pilot's lounge, waiting area, administration office, restrooms, and flight planning station.

### Mercer County Airport Authority Terminal Renovations; Bluefield, WV

Project Architect for the Mercer County Airport Authority renovation project for a 50 year-old terminal building. This 11,000 square-foot project incorporated a phased renovation/addition process, due to FAA funding stipulations, while allowing continuous occupation and operation of airline, car rental, Transportation Security Administration (TSA), and airport management facilities. The work included a new EPDM roof for the upper area and a new standing seam metal roof, roof structure, and a new facade for the lower area, new HVAC and electrical services, and upgraded restroom facilities. Issues of security, passenger flow and accessibility were addressed while providing functional improvements and a "lighter" aesthetic which is more in line with the function of the air terminal.



## W. Thomas Cloer, III, NCARB, AIA

### Project Architect

Years of Experience: 24  
Years with Chapman: 18

#### Education

B.S., Architecture, 2001  
University of Tennessee

#### Registration

Architect: WV, VA, KY

#### Affiliations

National Council  
of Architectural  
Registration Boards

AIA National

AIA West Virginia

WV Chapter  
American Institute  
of Architects  
Past V.P. and Secretary

St. Albans Historic District  
Committee Member

## Experience

Tommy has extensive architectural experience, having worked with clients on programming, planning, budget analysis, design, construction documents, bidding, construction phase services, and code compliance. He regularly provides leadership in architectural design and project management for new building design and renovation projects such as K-12, parks and recreation, and government and municipal facilities.

#### **New Bus Garage for Clay County Schools; Clay, WV**

Assisted owner with bidding, provided construction phase services and project management for new bus maintenance garage including two maintenance bays, one bus wash bay, parts storage, tire storage, and drivers lounge. Project included inventory of existing equipment and specification of new maintenance equipment.

#### **Philippi Barbour Airport Multi-tenant Building; Philippi, WV**

Project Architect for the design of a 7,000 square-foot, one-story, multi-purpose/multi-tenant office and industrial facility. The building was designed as a small Aircraft Maintenance Facility and as such required a sprinkler system that included a 200,000 gallon water tank and a fire pump building. Also included was the development of a 2-acre site, 1.25 miles of DOH roads, parking areas, electrical and power requirements, and storm, sewer and water systems.

#### **Bluefield WWTP - New Screenings Building; Bluefield, WV**

Planning, design, and construction administration, for numerous architectural renovations to support upgrades of 8.1 MGD wastewater treatment plant to allow facility to handle peak wet weather flows up to 16 MGD and provide redundancy in treatment systems.

#### **Saint Albans MUC - Various Projects; Saint Albans, WV**

Planning, design and construction administration for various architectural renovations and new construction to support water and wastewater facilities in the city. Projects include renovations to the 1.2 MGD (3.0 MGD peak) Water Treatment Plant. Roof Replacement at the MUC Maintenance Garage. A new UV Wastewater Treatment Building and renovations to the Belt Press Building.



## Rob Hench, GISP

### GRW Geospatial Manager

Years of Experience: 40  
Years with GRW: 40

#### Education

B.S., Computer Science, 1985,  
Georgia Institute of Technology

#### Registration

Certified GIS Professional

#### Affiliation

Management Association  
for Private Photogrammetric  
Surveyors (MAPPS)

Urban and Regional  
Information Systems  
Association (URISA)

Kentucky Association of  
Professional Surveyors (KAPS)

## Experience

Rob is GRW's Chief Information Officer, and GIS Manager for GRW. With over thirty years of GIS experience, he has specialized expertise in all areas of GIS database design and development, ensuring quality control for all GIS projects. He is very familiar with FAA delivery requirements and is a certified Geographic Information System Professional. Under Rob's leadership and guidance, GRW has successfully implemented GIS programs across the nation, including national award-winning projects and innovative web-based Geographic Information Systems.

#### FAA Obstruction Mapping

GIS Manager for custom GIS application development for obstruction surveys for over 20 airports across the United States. The custom GIS application was developed in compliance with the latest FAA Advisory Circular 150/5300-18B. The application supported 3D surveying and storage of obstruction features as well as automated 3D generation of airspace surfaces.

#### Yeager Airport, West Virginia

Project Manager in charge of the creation of a GIS Database covering the entire Airport Property in compliance with the Spatial Data Standards for Facilities, Infrastructure and the Environment (SDSFIE). The GIS Database included Digital Orthophotography, Structures, Contours, Transportation, Airfield Pavement, Aircraft Parking, Land Use and Master Plan layers. The SDSFIE database was converted to comply with the GIS requirements defined in the FAA Advisory Circulars.

#### Kentucky Air National Guard

Project Manager for the Kentucky ANG Master Plan GIS development that included new aerial photography, digital orthophotography, planimetric mapping, topographic mapping, and GIS database development. The project also included a customized GIS link into the ANG's existing web-based Facility Management system.

#### Air National Guard CIP Contract

Project Manager. Completed GIS services at several Air National Guard Bases as part of GRW's Common Installation Picture contract. Task orders included locations in PA, MD, NY, NJ, AL, WV, TN, MO, IL, IN, KY, WV, OR, WI, IA, and Puerto Rico.

#### West Virginia Division of Highways

Project Manager. GRW was awarded a statewide contract to provide photogrammetric mapping services throughout West Virginia. Projects Included Aerial and Mobile LiDAR, Aerial Photography, Photogrammetric Mapping and Surveying.



Years of Experience: 31  
Years with Chapman: 23

#### Education

A.S., Land Surveying, 2002  
Glenville State College, WV

#### Registration

Professional Surveyor: WV,  
KY, VA, PA

#### Affiliations

WV Society of Professional  
Surveyors

## Jason Brown, P.S.

### Professional Surveyor

## Experience

Jason leads the Chapman Technical Group survey team and is experienced in topographical and boundary surveys, as well as flood plain mapping, ALTA surveys, and construction layout. Jason also coordinates aerial mapping and LiDAR services with GRW, the parent company of Chapman Technical Group.

#### Highways

Established control, site surveying, topographic surveying, courthouse research, drawing production, Right-of-Way Questionnaires, bore hole stake out, and all surveying associated with the initial and final design of WV highways.

#### Site Development

Experienced in all types of surveying associated with site development, to include control, topographic boundaries, research, and drawing production. Projects include military complexes, public housing, commercial development, industrial and institutional complexes, churches, resorts and public facilities throughout the state.

#### Schools

Associated surveying for new schools, additions, athletic fields, and sidewalks projects.

#### Parks and Recreation

Associated surveying for projects including swimming pools, bathhouses, cabins and support facilities for the West Virginia Division of Natural Resources and similar facilities for county and municipal park systems.

#### Water/Wastewater/Stormwater Systems

Associated surveying for the design of water systems, sanitary sewer systems, and stormwater systems, including treatment facilities for both private and public systems throughout the state. Also, field experience in the inventory and collection of attribute data using GPS equipment for uploading to GIS databases.



## Fred L. Brown

### CADD Manager

Years of Experience: 29  
Years with Chapman: 29

#### Education

Drafting/Cadd Degree, 1997  
Carver Career Center, WV

#### Affiliations

Member, National Vocational  
Technical Honor Society

#### Achievements

Winner, 1996, Carver Career  
Center VICA Skills Competition  
for Technical Drafting

Judge, 2001, State VICA Skills  
Competition for Technical  
Drafting

## Experience

#### Bridge and Highway

Responsible for CADD drafting on base map, site development, construction plan sheets, signal plans, super elevation plans, existing and proposed utilities, utility relocation plans, lighting plans, boring construction plans, typical sections and details, mainline cross sections, bridge plans and details, attenuator details, guardrail plan layout and details, geometric plans, station and offsets of mainline centerline, stationing and curve geometric information, survey reference and control plans, point dump creations.

#### Architectural and Structural

Responsible for CADD drafting on existing and proposed building plans, structural framing plans and details, foundation plans and details, structural scheduling.

#### Water and Wastewater

Responsible for CADD drafting on treatment plants, improvements on existing and new facilities, stormwater plans and profiles, booster stations, meter vaults, water system updates for public and private sectors, PRV plans and details.

#### Site Design

Responsible for CADD drafting on proposed site layouts, site details and cross sections.

#### Airport

Responsible for CADD drafting on existing and proposed taxiways and runways, taxiway signage, hangar layout, and airport master plans.

#### Mapping

Responsible for CADD drafting for city, street, and zoning maps.



# David R. Mitchell

## Construction Representative

Years of Experience: 28  
Years with Chapman: 28

### Education

A.S., Applied Science, 1998  
Lee College  
LA Wilson Technological Center, 1982

## Experience

### Construction Observation

Responsibilities include all aspects of field construction and observation from commencement of construction through project start-up. Maintains field diaries and construction log books; monitors shop drawing approvals and fabrication schedules; observes field testing of completed work; verifies contractor's periodic payment requests; verifies completed site work for as-built drawings; attends construction progress meetings; and updates clients on project progress.

### Water and Wastewater

Construction observation for water/sewer line and wastewater treatment plant upgrades.

### Airport

Construction observation for runway, taxiway light installation, paving taxiway and runway, runway safety area, AWOS installation, piling wall, and PAPI installation.

### Surveying

Assists with various types of field surveying for all types of projects.

### Projects Experience

Mercer County Airport, WV;  
Runway Safety Area and Piling Wall

Eastern WV Regional Airport, WV;  
Taxiway Paving

Bluefield Sanitary Board, VA/WV;  
Westside Sewer Plant Upgrade and  
ADA Wastewater Plant Upgrade

Elkins-Randolph County Airport, WV;  
Runway Re-Paving, Lighting, PAPI System

City of St. Albans, WV;  
Water System Improvements

City of Elkins, WV  
Water Treatment Plant  
3.0 MG Water Storage Tank

City of Lewisburg, WV;  
Water Treatment Plant

**TAB 5**

**Recent Airport Projects**

**Reconstruct Runway (Phase I Design)**

**Client:**  
Polk County Commission

**Date Completed:**  
Ongoing

**Design Cost:**  
\$ 127,779

**Construction Cost:**  
\$ N/A

**Project Team:**

**Principal In Charge**  
Greg Belcher, PE

**Project Manager**  
Brian Huffman

**Project Engineer**  
Brandon Curry, EIT

**Owner/Project Manager:**  
Polk County Commission  
971 Airport Road  
Copperhill, TN 37317

**Reference: Alan Frosch**  
Phone: (423) 496-9465

**MARTIN CAMPBELL FIELD – COPPERHILL, TENNESSEE**



The intent of this project was to design the reconstruction of Runway 2/20 at Martin Campbell field located in Polk County, Tennessee. Included in the design were the following major construction activities: 1.) The reconstruction of Runway 2/20. The reconstruction will include removal of the existing asphalt pavement surface of the runway, removal and disposal of a portion of the runway subgrade, placing crushed aggregate base coarse, placing a P-401 pavement mix, and marking the runway. 2.) The rehabilitation of the existing direct access taxiway. The rehabilitation will consist of removal of the western portion of the taxiway pavement, narrowing it from 40' to 25', completing joint and crack repair, placing one emulsified asphalt seal coat mix, and then applying pavement markings. The rehabilitation will also consist of the installation of the southern portion of Taxiway "A". This will include site grading, placing crushed aggregate base coarse, placing P-401 asphalt mix, and applying pavement marking. 3.) The relocation of existing Precision Approach Path Indicator (PAPI) units on both Runway 2/20 ends. 4.) Regrading of the Runway Safety Area (RSA). 5.) Relocation of the existing segmented circle and wind cone. 6.) The removal of the existing runway edge and threshold light units, installation of an airfield electrical vault, and installation of new runway and taxiway guidance signs and all necessary lighting fixtures. 7.) The installation of the northern portion of Taxiway "A". This will include site grading, placing crushed aggregate base coarse, placing p-401 asphalt mix, applying pavement marking, installing taxiway edge lighting, and installing new runway and taxiway guidance signs.

**Work Elements:**

- **Prepare Project Plans and Specifications**
- **Project Administration**
- **Evaluate existing area conditions and consider reconstruction alternatives**
- **Determining the required pavement design set for in AC 150/5300-13B for Runways and Taxiways.**
- **Following requirements set for in AC 150/5345-44J for Airfield Guidance Signs.**
- **Evaluating guidance and specifications set for in AC 150/5340-30 for PAPI location and installation.**

**Rehabilitate Main Apron and Taxiways B-G**

**Client:**

Grant County Airport Authority

**Date Completed:**

2024

**Design Cost:**

\$ 92,755

**Construction Cost:**

\$ 378,200

**Project Team:**

Principal In Charge  
Greg Belcher, PE

Project Manager  
Brandon Curry, EIT

Project Engineer  
Brandon Curry, EIT

Owner/Project Manager:  
Grant County Airport Authority  
5 Highland Avenue  
Petersburg, WV 26847

Reference: Freddie Baker  
Phone: (304) 668-8812

Contractor:  
Axtell's Pavement Solutions  
261 Carey Rd  
Scott Township, PA 18433

**GRANT COUNTY AIRPORT – PETERSBURG, WEST VIRGINIA**



The intent of this project was to rehabilitate the Main Apron and Taxiways B through G at the Grant County Airport located near Petersburg, WV in order to enhance the safety of ongoing aircraft operations and bring their apron into compliance with FAA Advisory Circular 150/5340-1M. The airport's existing taxiways and apron surfaces were all exhibiting minor to moderate surface cracking and asphalt binder deterioration. It was determined that the best course of action for Taxiways B through G was to perform crack repair, reseal, and remark the taxiways. The main apron exhibited more serious signs of wear and was divided into two sections. The first section was crack repaired, resealed, and remarked and then the second section had the top two inches of asphalt milled and replaced with a new 2" surface course asphalt mix.

**Work Elements:**

- **Preparing Specifications**
- **Bidding and Contracting**
- **Project Administration**
- **Evaluate existing pavement conditions and consider rehabilitation alternatives**
- **Determine pavement gradients, sealing requirements, and marking requirements in accordance with AC 150/5300-13B and AC 150/5340-1M**
- **Evaluate construction phasing and prepare Construction Phasing and Safety Plan in accordance with AC 150/5370-2**

**Seal Taxiway Pavement Surface/Joints**

**Client:**

Mercer County Airport Authority

**Date Completed:**

2022

**Design Cost:**

\$ 61,347

**Construction Cost:**

\$ 141,878

**Project Team:**

Principal In Charge  
Greg Belcher, PE

Project Manager  
Brian Huffman

Project Engineer  
Brandon Curry, EIT  
Brian Huffman

Owner/Project Manager:  
Mercer County Airport Authority  
300 Markell Drive, Ste 201  
Bluefield, WV 24701

Reference: Jim Pilkins  
Phone: (304) 921-3417

Prime Contractor:  
Hi-Lite Airfield Services  
PO Box 597  
Watertown, NY 13601

**MERCER COUNTY AIRPORT – BLUEFIELD, WEST VIRGINIA**



The project consisted of rehabilitating the existing pavement surfaces of Taxiways A, B, C, and D at the Mercer County Airport located in Bluefield, West Virginia. The rehabilitation involved completing crack repair, applying a new P-608 Emulsified Asphalt Seal Coat, and applying new pavement markings.

**Work Elements:**

- **Preparing Project Plans and Specifications**
- **Bidding and Contracting**
- **Project Administration**
- **Construction Observation**
- **Determine pavement marking requirements in accordance with AC 150/5300-13B**
- **Evaluate construction phasing and prepare Construction Phasing and Safety Plan in accordance with AC 150/5370-2G.**

**Construct Runway 8-26**

**Client:**

Mingo County Airport Authority

**Date Completed:**

2011

**Design Cost:**

\$ 781,497

**Construction Cost:**

\$ 3,273,164

**Project Team:**

Principal In Charge  
Greg Belcher, PE

Project Engineer  
Shawn Tucker, PE

**APPALACHIAN REGIONAL AIRPORT – VARNEY, WEST VIRGINIA**



The project included constructing a new airport designated as the Appalachian Regional Airport. The new airport was constructed on a reclaimed surface mine site in Varney, West Virginia. Construction activity commenced in 2009 with the construction of a 5,000-foot long asphalt runway, designated Runway 8-26. Subsequent projects to construct a partial parallel taxiway and main parking apron were completed in 2011. The project included design and construction phase services.

**Owner/Project Manager:**

Mingo County Airport Authority  
PO Box 1408  
Williamson, WV 25661

✓ Reference: Denver Stacy  
Phone: (304) 784-6925

**Prime Contractor:**

Pray Construction  
10331 Teays Valley Road  
Scott Depot, WV 25560  
Phone: (304) 755-4944

**Work Elements:**

- Evaluation of existing subgrade conditions
- Determine pavement section required with FAARFIELD
- Design of runway in accordance with AC 150/5300-13

**Rehabilitate Runway 8-26 and Taxiways**

**Client:**

Mingo County Airport Authority

**Date Completed:**

2025

**Design Cost:**

\$ 78,094

**Construction Cost:**

\$ 719,415

**Project Team:**

Principal In Charge

Greg Belcher, PE

Project Manager

Brandon Curry, EIT

Project Engineer

Brandon Curry, EIT

**Owner/Project Manager:**

Mingo County Airport Authority

PO Box 1408

Williamson, WV 25661

Reference: Leigh Ann Wells-Ray

Phone: (304) 235-0338

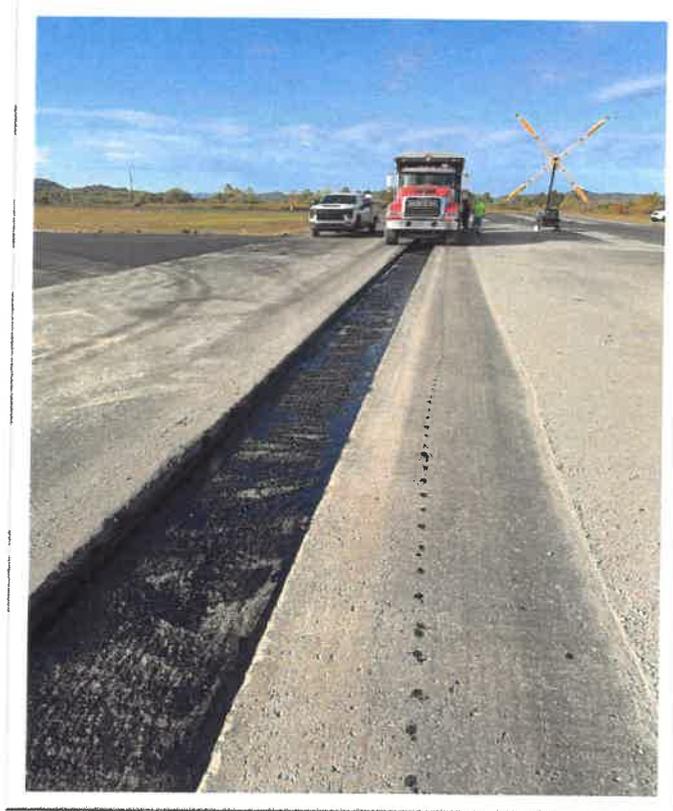
**Prime Contractor:**

Axtell's Pavement Solutions

261 Carey Road

Scott Township, PA 18433

**SOUTHERN WEST VIRGINIA REGIONAL AIRPORT – VARNEY, WEST VIRGINIA**



The project consisted of rehabilitating Runway 8-26 and all taxiways at the Southern West Virginia Regional Airport located near Varney, West Virginia. The rehabilitation of Runway 8-26 consisted of over 7,500 linear feet of full depth pavement repair to address major cracks that ran longitudinally and transversely across the runway along with the removal and reapplication of the necessary runway markings. Taxiway A1's rehabilitation consisted of a 2" mill and pave and application of new markings as well. The remaining taxiways were also rehabilitated with their cracks being filled with a tar sealant and their markings removed and reapplied.

**Work Elements:**

- Evaluate existing runway and taxiway conditions.
- Evaluate rehabilitation methods
- Determine runway and taxiway sections required in accordance with AC 150/5300-13B.
- Determine marking requirements in accordance with AC's 150/5340-1.
- Evaluate construction phasing and prepare Construction Phasing and Safety Plan in accordance with AC 150/5370-2G.

**TAB 6**

**Ability to Respond**

## Ability to Respond

Chapman Technical Group provides design professionals and technical staff which will offer the Camp Dawson Army Airfield the competence, professional integrity and overall qualifications needed to provide solutions which meet your budgets and schedules. As evidenced by the experience detailed in the resumes provided in Tab 2, the key members of our project team have worked with the Federal Aviation Administration on numerous projects throughout West Virginia. The airport professionals of Chapman Technical Group have developed a close working relationship with the Federal Aviation Administration personnel located in the Beckley Airports Field Office. This close working relationship often times allows us to facilitate projects and resolve issues in a more expeditious manner.

The foundation of our business is design, and each year, Chapman Technical Group completes numerous design projects which provide high quality plans, specifications and cost estimates for clients throughout West Virginia. Of course, our company has design and construction projects currently underway, but our project management systems allows us to continuously undertake new design assignments that meet project requirements and reduce construction costs.

As previously stated, effective construction management is an integral part of any successful construction project. Rather than our project design team (design engineers and project managers) turning over a project to a separate construction management team, our project teams oversee projects from conception through the completion of construction. Another integral part of successful construction projects is the utilization of qualified resident construction observers, as they can often times recognize and obtain solutions to problems before they escalate into major construction issues.

Some projects require the assistance of various specialty consulting firms. We carefully select to collaborate with only those specialty firms which are qualified to provide us, in a timely manner, the information required to complete the project.

Our project team will collaborate with Terracon Consultants, Inc.'s Charleston, West Virginia office to provide the required geotechnical, environmental and materials acceptance testing services for proposed projects. With over 40 years of consulting experience and in excess of 100 offices nationwide, Terracon's considerable expertise allows them to be well positioned to provide the required services in a cost effective and timely manner.

It is really for others to assess our company's reputation for personal and professional integrity and competence, and to that end, we invite you to contact any of the references included in Tab 8. Our company enjoys a significant amount of repeat business from our clients. Our firm has endeavored to provide airport consulting services utilizing a client first approach which develops long lasting and successful relationships. We do not feel that our company would enjoy such a significant level of repeat business if an adverse reputation preceded us.

**TAB 7**

**References/Affirmative Action**

## Chapman Technical Group References

- **Braxton County Airport**

Mr. Patrick O'Malley, Authority President  
(304) 542-3311  
Pomalley35@gmail.com

Mr. John Hoffman, Authority Member  
(856) 297-4335  
everettjohnhoffmansr@gmail.com

- **Grant County Airport**

Mr. Freddie Baker, Authority President  
(304) 668-8812  
Wvshooter1@gmail.com

Mr. Tom Feaster, Airport Manager  
(304) 209-2603  
touchandgoaviation@yahoo.com

- **Logan County Airport**

Mrs. Megan Johnson, Airport Manager  
(304)-752-0975  
mjohnson@lccwv.us

- **Mercer County Airport**

Mr. Jim Pilkins, Airport Manager  
(304) 921-3417  
kblfmgr@gmail.com

Mr. Bill Archer, Chair  
(304) 921-0029

- **Upshur County Regional Airport**

Mr. Michael Ruffing, Authority President  
(412) 812-2757  
Michael.ruffing@problemsolversconsultants.com

Mrs. Jenny Powers, Airport Manager  
(304) 516-1920  
jenny@flyw22.com

- **Appalachian Regional Airport**

Mr. Denver Stacy, Chair  
jennascrane@hotmail.com  
(304) 784-6925

Mrs. Leigh Ann Wells-Ray, Administrative Assistant/Grants Coordinator  
(304) 235-0338  
lwells@mingocountywv.com

- **Marshall County Airport**

Mrs. Susan Board, Airport Manager  
(304) 312-1199  
Susan.Board@marshallcountyairport.org

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# AFFIRMATIVE ACTION



It is the policy of the Board of Directors of Chapman Technical Group, Ltd. to comply with the spirit and intent of Title VI of the Civil Rights Act of 1964. To that end, the Board has adopted the following measures of ensuring equal employment opportunity:

1. Equal and fair treatment will be provided to all employees regardless of race, color, religion, national origin, sex, age or handicap.
2. A complete up-to-date record of employees classified by race, sex and job classification will be maintained by the undersigned Equal Opportunity/ Affirmative Action Officer and furnished, upon request, to The Office of Equal Opportunity Contract Compliance, Division of Highways, West Virginia Department of Transportation.
3. All employees will be advised at the time of employment that Chapman Technical Group, Ltd. is an Equal Opportunity Employer, and that hiring, promotion, or demotion is based only upon an individual's qualifications and ability to perform the work.
4. Chapman Technical Group, Ltd. will cooperate with and support apprenticeship training programs administered under the auspices of Affirmative Action.
5. Recruiting advertisements and all notices relating to employment will include the clause "Equal Opportunity Employer". This phrase will be printed on all correspondence and notices relating to employment. In addition, in matters relating to company hiring and competitive promotion, the following procedures shall apply:
  - a. All employees shall be notified of position vacancies and competitive promotion opportunities; and
  - b. The degree of minority representation on the company workforce shall be based upon the following to the extent practical:
    - (1) The minority population of the region;
    - (2) The availability of minorities having requisite skills;
    - (3) The existence of institutions capable of training persons in required skills; and
    - (4) The degree of training which the company is reasonably able to provide.
6. A policy statement outlining the firm's commitment to Equal Employment Opportunity and its endorsement of the principle of Affirmative Action shall be maintained in the company Policy Manual. This plan will be posted in conspicuous locations throughout company offices.

# AFFIRMATIVE ACTION



7. With regard to furthering the principles of Affirmative Action when functioning as the agent of clients, Chapman Technical Group will:
  - a. Include qualified small, minority and women's businesses on solicitation lists;
  - b. Forward project advertisements to appropriate minority-owned newspapers;
  - c. Encourage contractors to divide their work into tasks which afford participation by small, minority and women's businesses; and
  - d. Encourage contractors to utilize minority suppliers when appropriate.
8. The company has appointed an Equal Opportunity/ Affirmative Action Officer to maintain this plan, instruct personnel on the principles embodied in the plan, monitor company compliance with the plan and relevant law, supply reports to monitoring agencies, and represent this company to outside interests in all matters relating to Equal Opportunity and Affirmative Action

CHAPMAN TECHNICAL GROUP, LTD

Robert G. Belcher, PE  
Equal Opportunity/Affirmative Action Officer

Date: 7-6-2022