

GPD GROUP
Glaus, Pyle, Schomer, Burns & DeHaven, Inc.

Columbus Office

1801 Watermark Drive
Suite 210
Columbus, OH 43215

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www.gpdgroup.com

Ms. Stephanie L. Gale
State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

August 29, 2018
1825036.04

CEOI 0603 ADJ 1900000009
Camp Dawson Road Paving Design

Dear Ms. Gale,

GPD Group (GPD) is pleased to submit this expression of interest to the State of West Virginia and the West Virginia Army National Guard (WVARNG) for professional design services. We are an employee-owned, full-service A&E firm with over 600 design professionals nationwide. The wide variety of experience, skills and training that our staff brings to the table enables us to provide successful, timely designs that will meet your needs.

With over 55 years of experience, GPD understands project goals, issues, and constraints on your time and budget like no other consultant. We will deliver project success by:

- Committing the leadership of Travis Saunier as project manager. He brings 20 years of civil / site project design experience from project management through construction administration including his knowledge and experience with the WVARNG and paving renovation projects;
- Developing a design that produces an implementable and constructable plan that considers the impact of not just pure construction costs but soft costs and other hidden costs typically associated with maintaining operations during construction, all critical to project costs; and
- Designing secure facilities that embody the needs of the mission for which they represent. Our design plan focuses on resolving not only today's needs but also maintaining flexibility to address tomorrow's uses.

We appreciate this opportunity to submit our qualifications and welcome the possibility of working together. If you need additional information or have any questions, please feel free to contact Project Manager Travis Saunier at 330.572.2100 ext. 2235 or tsaunier@gpdgroup.com or visit us on the web at www.gpdgroup.com.

Sincerely,

GPD Group

Brian Hagemeier, PE, LEED® AP
Principal

GPD Group

Travis Saunier, PE
Project Manager

RECEIVED

2018 AUG 30 AM 8:50

WV PURCHASING
DIVISION

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CE01 0603 ADJ 1900000009

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

GPD Group
Company


Authorized Signature

August 27, 2018
Date

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

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.



(Name, Title)

Brian Hagemeyer, Principal

(Printed Name and Title)

1801 Watermark Drive, Suite 210, Columbus, Ohio 43215

(Address)

614.210.0751 | 614.210.0752

(Phone Number) / (Fax Number)

bhagemeyer@gpdgroup.com

(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through vvoasis, I certify that I have reviewed this Solicitation 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 for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated here in; that I am submitting 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.

GPD Group

(Company)



(Authorized Signature) (Representative Name, Title)

Jim Shives, Treasurer

(Printed Name and Title of Authorized Representative)

August 27, 2018

(Date)

330.572.2100 | 330.572.2101

(Phone Number) (Fax Number)

Revised 06/08/2018

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FIRM OVERVIEW

GPD Group (GPD) has been proudly providing architecture and engineering services to public and private sector clients for over 55 years. We established roots in Akron in 1961, and today, through our employee ownership structure, dedication and hard work, have grown to a firm of over 600 professionals located in 14 offices throughout the United States.

We specialize in the areas of architecture, engineering, construction management, site development and related services such as geotechnical studies, land survey and environmental. Our company services various market sectors that include federal, public buildings, education, housing, healthcare, parks and recreation, water resources, power distribution / generation, public works, transportation, retail / commercial, site development, and utility services.

GPD clients benefit from our broad-based experience and a unique set of capabilities. Our full service, employee-owned approach to design solutions and our ability to draw from our diverse talent pool of community-minded people clearly differentiates us from our competitors.

FULL-SERVICE

GPD is a full-service architecture and engineering firm committed to providing the highest quality architectural and engineering services. We provide professional services for projects requiring a comprehensive range of professional planning and design, systems engineering, technical assistance, program and construction management, and operations and maintenance services.

DIVERSITY

For GPD, the goal of diversity is to mirror the rich cultural diversity of the communities we serve and live in. We see diversity as more than just policies and practices. It is an integral part of who we are as a company, how we operate and how we see our future. Diversity is not solely a gender / culture issue but one that includes varied perspectives. Through these perspectives we improve employee creativity and develop unique approaches for our clients.

EMPLOYEE-OWNED

What does this mean for our customers? Fewer managerial barriers in the way of leading-edge design solutions, the best and brightest talent, and employees who are engaged and excited to work on your project. We are stronger because we are united in our mission to serve our clients and the knowledge that our clients are satisfied is the true measurement of our success.

COMMUNITY

It's very important to all of us at GPD to be responsible and caring stewards in the communities where we work and live. We support a variety of local charities, and we are active with many community projects. To further our philanthropic spirit, we have created The GPD Group Employee Foundation. Through this foundation we seek to make an immediate, meaningful difference in the lives of children and young adults through K-12 year-round learning and enrichment of those who need it most, and to support research and education in the communities we serve.



GPD HISTORY

1960s	Establishes roots in Akron, OH Starts with five partners (and five employees)
1970s	Develops solid reputation for major highway and power plant design Grows to 150+ employees by the end of the decade
1980s	Offers turnkey Construction Services Becomes employee-owned following a buyout of the original partners
1990s	Opens Indianapolis, IN office Increases presence in retail, telecommunication and education markets
2000s	Opens branch office in Ohio's capital – focuses on transportation, public works and parks & rec Expands national reach with offices opening in Seattle, WA, Phoenix, AZ and Atlanta, GA
2010 - PRESENT	Strengthens presence in healthcare market Offers in-house environmental services Adds geotechnical services to its wheelhouse and opens Louisville, KY office Establishes the GPD Group Employees' Foundation Launches Minority Business Incubator Program Expands efforts in water / federal markets Opens offices in Dallas and Houston, TX Grows to 600+ employees

SERVICES

THE COMPREHENSIVE
SERVICES OFFERED BY
GPD ILLUSTRATE OUR
DIVERSE CAPABILITIES



Aerial Mapping Control
ALTA / NSPS Surveys
Architectural Design
Asbestos Investigations
Audiovisual Design
BMP
Bond Issue Assistance
Boundary Surveys
Bridge Engineering
Building Commissioning
Civil Engineering
Computer Modeling /
3D Modelling
Construction
Administration
Construction Observation
Construction Staking
Correction Facilities
Planning
Dam Engineering
Data and Communication
Systems
Demographics and
Capacity Analysis
Design-Build Services
District Heating and
Cooling Engineering
Drainage and Stormwater
Management
Educational Facilities
Planning
Educational Program
Analysis
Electrical Engineering
Energy Analysis
Environmental
Engineering
Environmental Studies
Facilities Analysis
Facilities Planning
Feasibility Study
Filtration Systems
Fire Protection Design
Foundation Engineering
Funding Applications
Geographic Information
System (GIS) Data Base
Creation Analysis
Geotechnical Services
GPS Surveying
Green Infrastructure
Design
Hazardous Material
Assessment
Highway Engineering
Highway Lighting
HVAC Design
Hydraulic Engineering
In-building Radio
Frequency Solutions
Industrial Process
Controls
Instrumentation Design
Interior Design
Landscape Architectural
Design
LEED Assessments
LEED Certification
Services
Lighting Design
Master Planning
Mechanical Engineering
NEPA Screening
Documentation
Pavement Design
Phase I Environmental
Site Assessments
Phase II Environmental
Site Assessments
Planning
Planning and Zoning
Representation
Plumbing Design
Pole Line Surveys
Power Distribution Design
Power Generation Design
Private / Public
Partnership
Process Piping
Engineering
Programming
Public Funding
Public Involvement
Radio Frequency
Engineering Services
Rate Studies
Right of Way Plans
Roadway Engineering
SCADA System Design
and Programming
Security Systems
Siting
Site Analysis and Design
Site Evaluation
Site Grading
Slope Stability Analysis /
Remediation
Specialty Engineered
System
Spill Prevention Counter
Control Measures
Stormwater Pollution
Prevention Plan
Stormwater Quality
Design
Structural Engineering
Sustainable / Low Impact
Design
Technology Upgrades
Topographic Surveys
Trail Design
Trail Master Planning
Traffic Engineering
Tunnel Radio Frequency
Solutions
Utility Engineering
Utility Infrastructure
Engineering
Value Engineering
Value / Life Cycle Cost
Analysis
Wastewater Collection
and Treatment
Water Supply and
Distribution
Wetland Delineation
Wetlands Mitigation
Wireless LAN Services

FIRM LEADERSHIP

On the following pages, we introduce our key owners and staff. GPD's unique broad-based employee-ownership is the foundation for how we build our business and influences the way we conduct our business, which leads to tangible qualities and results that our clients see and appreciate. Our employees have a vested interest in your success, and it comes through in our powerful, creative, and innovative solutions. We pride ourselves on being relationship driven, whether with clients or teaming partners.

PRINCIPALS

Darrin Kotecki, PE, President
Masters, Civil Engineering
25 years experience

James R. Shives, PE, Senior VP of Administration
Masters, Civil Engineering
38 years experience

Jeffrey D. Evans, PE, Senior VP of Engineering Services
Bachelors, Civil Engineering
25 years experience

Trever G. Powers, VP of Operations
Telecommunications Practice Leader
Bachelors, Business Administration
15 years experience

Angela D. Wells, PE, LEED® AP, VP of Operations
Design Services Senior Practice Leader
Director of QA / QC
Bachelors, Civil Engineering
23 years experience

Rebecca J. McAdams, LEED® AP, VP of Operations
Retail / Commercial Senior Practice Leader
Masters, Business Administration
24 years experience



Pictured (left to right): Trever Powers, Becky McAdams, Darrin Kotecki, Jeff Evans, Angie Wells, and Jim Shives.

KEY PERSONNEL

The team's organizational chart, featured below, is designed to: 1) Name the single point of contact between our team and WVARNG for this effort; 2) Identify key task leaders who are committed to delivering key services requested by the project and 3) Define additional engineering and support services available to the team, if and when required. Resumes for our team have been provided on the following pages.

WEST VIRGINIA ARMY NATIONAL GUARD

BRIAN HAGEMEIER PE
PRINCIPAL

TRAVIS SAUNIER PE
PROJECT MANAGER |
LEAD CIVIL | SITE ENGINEER

LEONARDO SFERRA PE
QUALITY CONTROL

CIVIL | SITE | DRAINAGE

GEOTECHNICAL |
PAVEMENT DESIGN

JOSHUA HUFFINE EI
PROJECT DESIGNER

JORDAN KIRKENDOLL PE
PROJECT ENGINEER

SUPPORT STAFF

STAFF BY DISCIPLINE	TOTAL	STAFF BY DISCIPLINE	TOTAL	STAFF BY DISCIPLINE	TOTAL
Registered Architects	29	Geotechnical Engineers	4	Water Engineers	4
Architectural Designers	51	Drilling Lab Field Technicians	4	Registered Surveyors	14
Interior Designers	7	Registered Mechanical Engineers	7	Surveyors	29
Registered Landscape Architects	4	Mechanical Engineers	5	GIS Specialist	1
Landscape Architects	2	Registered Structural Engineers	32	Environmental Scientists	9
Registered Bridge Engineers	5	Structural Engineers	10	Designers	63
Registered Civil Engineers	36	Registered Traffic Engineers	8	CAD Technicians	20
Civil Engineers	51	Traffic Engineers	4	Planners	1
Registered Electrical Engineers	12	Registered Transportation Engineers	5	CM Coordinator Inspectors	13
Electrical Engineers	14	Transportation Engineers	3	Telecommunications Wireless	7
Registered Geotechnical Engineers	5	Registered Water Engineers	11		

BRIAN HAGEMEI^{ER} PE, LEED® AP

PRINCIPAL



ABOUT

Brian Hagemeyer has nearly 20 years experience in managing and designing a broad array of projects including civil engineering, construction, MES engineering, surveying, and architecture. He has wide spread experience and knowledge in developing and organizing multi-discipline teams to achieve the required project goals. Brian has successfully managed teams for public agencies and private clients and has been instrumental on developing GPD Services (the construction arm of GPD Group) to provide construction services for the public and private sectors. Brian's attention to detail and organizational ability will ensure that the goals and objectives of the project are successfully being met. Furthermore, his responsibilities include resource allocation, monitoring the performance of the team and client satisfaction.

EXPERIENCE

ONG, Rickenbacker Building 920 Motor Pool Paving, Columbus, OH

Sr. Management Lead: The scope of work includes removal of existing pavement down to existing concrete sub-base, new asphalt surface coursing in compliance with ODOT standards for Heavy Pavement Sections, Installation of 11 new LED high mast lighting poles, fixtures and associated wiring, demo and replacement of existing trench drain structures, and demo and replacement of all perimeter fencing and gates around the entire motor pool compound.

WVARNG, MPB & OPS Building Sidewalks & Drainage, Kingwood, WV

Sr. Management Lead: The general scope of work for this design-build project is to repair and improve drainage, asphalt and concrete pavement areas in two locations at Camp Dawson, the training site of the West Virginia Army National Guard (WVARNG). In the SOW, the project is divided in to separate work areas, the first being the work area along Artillery Boulevard, in front of the Multi-Purpose Building (MPS) and the second being the concrete replacement around the Regional Training Institute (RTI) Building and the Operations (OPS) Building.

NAVFAC, NCTAMS, Miscellaneous Facility Repairs, LaMoure, ND

Sr. Management Lead: GPD provided coordination, design, and construction services for the Naval Facilities Engineering Command (NAVFAC) in order to perform repairs, upgrades, modifications, and renovations to a variety of building and site features at the Naval Computer and Telecommunications Area Master Station (NCTAMS) in LaMoure, North Dakota.

EDUCATION

Bachelor of Science, Civil Engineering,
2003, The Ohio State University

REGISTRATION

Registered Professional Engineer,
State of Ohio, 2006

ACCREDITATION

LEED Accredited Professional, 2009

Ohio | State Board of Engineers and Surveyors

License Look Up

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Brian Christian Hagemeyer

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	[REDACTED]
License Issue Date	06/27/2006
License Expiration Date	12/31/2019
License Effective Date	01/01/2018
City	Pataskala
State	OH
Country	United States
Board Action	No

TRAVIS SAUNIER PE

PROJECT MANAGER | LEAD CIVIL | SITE ENGINEER



ABOUT

Travis Saunier is an experienced civil engineer with an extensive background in commercial site design. As a valuable part of GPD's Site Development team, Travis uses his knowledge and experience with geometric layout, grading, utility and stormwater engineering to produce accurate, well-planned designs. His responsibilities range from the evaluation of existing conditions and preliminary land planning to the preparation of plans and specifications for proposed improvements and coordination with other engineering disciplines. In addition to his role as civil engineer, Travis serves as the firm's erosion and sediment control specialist.

EXPERIENCE

ONG, Rickenbacker Building 920 Motor Pool Paving, Columbus, OH
Project Engineer: The scope of work includes removal of existing pavement down to existing concrete sub-base, new asphalt surface coursing in compliance with ODOT standards for Heavy Pavement Sections, Installation of 11 new LED high mast lighting poles, fixtures and associated wiring, demo and replacement of existing trench drain structures, and demo and replacement of all perimeter fencing and gates around the entire motor pool compound.

WVARNG, MPB & OPS Building Sidewalks & Drainage, Kingwood, WV
Project Engineer: The general scope of work for this design-build project is to repair and improve drainage, asphalt and concrete pavement areas in two locations at Camp Dawson, the training site of the West Virginia Army National Guard (WVARNG). In the SOW, the project is divided in to separate work areas, the first being the work area along Artillery Boulevard, in front of the Multi-Purpose Building (MPS) and the second being the concrete replacement around the Regional Training Institute (RTI) Building and the Operations (OPS) Building.

NAVFAC, NCTAMS, Miscellaneous Facility Repairs, LaMoure, ND
Project Manager: GPD provided coordination, design, and construction services for the Naval Facilities Engineering Command (NAVFAC) in order to perform repairs, upgrades, modifications, and renovations to a variety of building and site features at the Naval Computer and Telecommunications Area Master Station (NCTAMS) in LaMoure, North Dakota.

EDUCATION

Bachelor of Science, Civil Engineering,
1996, The University of Akron

REGISTRATION

Registered Professional Engineer,
State of Ohio, 2000

Ohio State Board of Engineers and Surveyors

License Look Up

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Travis R. Saunier

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	[REDACTED]
License Issue Date	07/18/2000
License Expiration Date	12/31/2019
License Effective Date	01/01/2018
City	Canton
State	OH
Country	United States
Board Action	No



JOSHUA HUFFINE EI

PROJECT DESIGNER



ABOUT

Joshua Huffine, an experienced, highly talented and dedicated professional, has 6 years of experience in the A/E industry. As a civil designer, Josh's primary experience is site design but he also has considerable experience with aspects of civil engineering such as stormwater modeling, utility master planning and green infrastructure. Josh is proficient with the following computer software for modeling and design purposes: AutoCAD Civil 3D, Microsoft Office, HydroCAD, PCSWMM 2D Professional, and WaterCAD.

EXPERIENCE

ONG, Rickenbacker Building 920 Motor Pool Paving, Columbus, OH
Project Designer: The scope of work includes removal of existing pavement down to existing concrete sub-base, new asphalt surface coursing in compliance with ODOT standards for Heavy Pavement Sections, Installation of 11 new LED high mast lighting poles, fixtures and associated wiring, demo and replacement of existing trench drain structures, and demo and replacement of all perimeter fencing and gates around the entire motor pool compound.

NAVFAC, NCTAMS, Miscellaneous Facility Repairs, LaMoure, ND
Project Designer: GPD provided coordination, design, and construction services for the Naval Facilities Engineering Command (NAVFAC) in order to perform repairs, upgrades, modifications, and renovations to a variety of building and site features at the Naval Computer and Telecommunications Area Master Station (NCTAMS) in LaMoure, North Dakota.

ONG, DSCC Building 24 Paving, Plumbing and Masonry Renovations, Columbus, OH

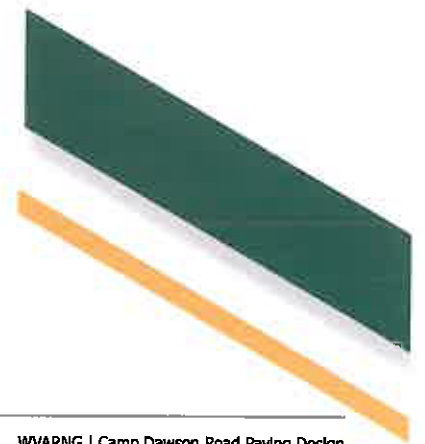
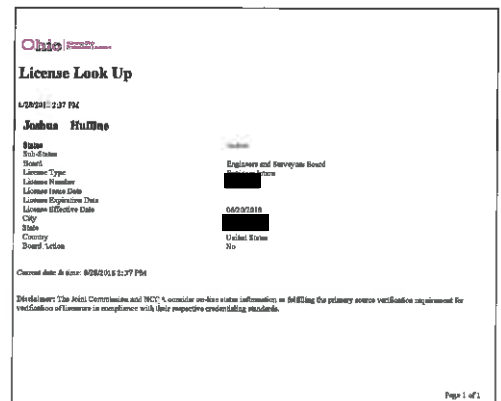
Project Designer: This project includes the renovation of the restroom facilities, including the abatement of any present hazardous materials, incorporation accessibility guidelines, replacement of all restroom finishes, replacement of all plumbing fixtures, replacement of all toilet partitions, replacement of all shut off / isolation valves, and replacement of all plumbing supply lines back to the water main located inside the main mechanical room adjacent to the restroom facilities.

EDUCATION

Bachelor of Science, Civil Engineering,
2014, The University of Akron

REGISTRATION

Engineer Intern, State of Ohio, 2018



JORDAN KIRKENDOLL PE

GEOTECHNICAL ENGINEER



ABOUT

Since joining GPD, Jordan Kirkendoll has worked on over 500 geotechnical studies across the nation for more than 20 major clients. Some of Jordan's engineering experience at GPD includes the design and construction of foundations and pavements for multi-story residential complexes, commercial restaurants, financial institutions, and recommendations for the evaluation of existing and proposed telecommunication tower foundations. Experienced in field engineering and construction applications, Jordan is well equipped to perform construction material testing for large scale projects including inspections on foundations, floor slabs, structural steel, masonry walls, asphalt pavements, concrete, water quality, micro-pile installations, and cut / fill operations. He also has experience in pipeline integrity validations and remediation in multiple states utilizing processes of cutouts / replacement and non-destructive strength tests for both the oil and natural gas industries.

EXPERIENCE

WVARNG, MPB & OPS Building Sidewalks & Drainage, Kingwood, WV Project Engineer: The general scope of work for this design-build project is to repair and improve drainage, asphalt and concrete pavement areas in two locations at Camp Dawson, the training site of the West Virginia Army National Guard (WVARNG). In the SOW, the project is divided in to separate work areas, the first being the work area along Artillery Boulevard, in front of the Multi-Purpose Building (MPB) and the second being the concrete replacement around the Regional Training Institute (RTI) Building and the Operations (OPS) Building.

ONG, Rickenbacker Building 920 Motor Pool Paving, Columbus, OH Project Engineer: The scope of work includes removal of existing pavement down to existing concrete sub-base, new asphalt surface coursing in compliance with ODOT standards for Heavy Pavement Sections, Installation of 11 new LED high mast lighting poles, fixtures and associated wiring, demo and replacement of existing trench drain structures, and demo and replacement of all perimeter fencing and gates around the entire motor pool compound.

BFDF Modular Office Building, Batavia, NY

Project Engineer: This project consists of 9,300 sf housing addition and a 21,600 sf warehouse / office. Design work included masonry gravity and lateral system for the housing addition. Review of submittals for the housing structure, masonry walls with concrete slab on grade and elevated floors with bar joist roof. The facility construction all occurred within the ICE owned property. Due to the new building being located on the Federal detention center property, coordination and security needed to be a high priority.

EDUCATION

Master of Science, Civil Engineering,
2012, University of Kentucky

Bachelor of Science, Civil Engineering,
2010, Western Kentucky University

REGISTRATION

Registered Professional Engineer,
State of Kentucky, 2015



STAFFING PLAN

Our hand selected, qualified team of professionals is committed to providing exceptional design and construction services for your project. With our client-centered service, we enhance the ability of the organizations we service. Together, with our clients, we build the future.

Our organizational chart on page 2.1 identifies the key personnel who are committed to delivering critical project responsibilities. The chart also showcases senior level and value added support to provide quality assurance and project compliance and introduces diverse technical professionals leading core services required by the project.

GPD is a 600+ person professional services firm. We will dedicate approximately seven staff members that are well versed with WVARNG, specifically at Camp Dawson, and paving renovation projects. Our staff will provide continuous support from design development through project closeout. In order to achieve your mission and goals, you will be assigned a single-point of contact who will oversee the project.

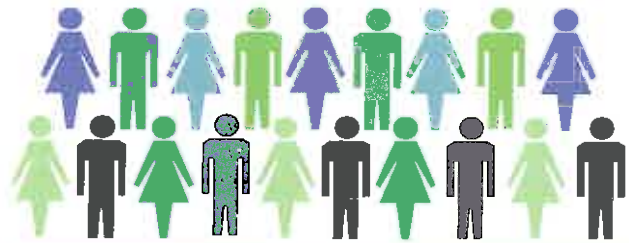
STAFF AVAILABILITY

GPD is fully committed to this project. Based on the expertise, qualifications and experience needed for this project, GPD hand-selected key personnel to dedicate to the team. Each key person will be supported as necessary to meet the required deadlines.

Staff	Role	% Available
Brian Hagemeyer	Principal	30%
Travis Saunier	Project Manager	40%
Leonardo Sferra	Quality Control	10%
Joshua Huffine	Civil Designer	30%
Jordan Kirkendoll	Geotechnical Engineer	15%

FLEXIBILITY TO SCHEDULE CHANGES

The GPD team has the flexibility to adapt to any necessary scope changes. GPD has several office locations within 300 miles of the project site, allowing our team to have full support readily available. That advantage allows GPD to react as required to construction and client needs in a timely manner.



Our project management and project design leads are backed by a strong, capable team of support staff that knows what it takes to deliver timely, well-drafted construction documents.

TECHNICAL STAFF

Our cohesive team of design professionals is dedicated to providing only the best architectural, engineering and planning services to a diverse client base. We pride ourselves on the development of a seamless system of services that blend planning, architecture and engineering systems into a flourishing unity of creativity, collaboration and innovation.

CONSTRUCTION ADMINISTRATION

Travis Saunier will lead the Construction Administration (CA) effort for this project. Travis, working as the client advocate, regularly provide guidance to engineers and contractors in order to avoid change orders and unscheduled delays to projects. GPD will integrate the needed disciplines to support the construction process.

WHY THE GPD TEAM IS BEST QUALIFIED FOR THE CAMP DAWSON ROAD PAVING DESIGN PROJECT

By hand selecting a team of experts, we believe our team exceeds the qualifications for this project. Consider the following:

- GPD is a full service Architecture and Engineering firm that has worked nationwide for over 55 years providing quality design on time and within budget.
 - » Quality design and providing proper solutions to meet our clients' needs is the core of what we do.
 - » Budget is always a priority at GPD, and we will provide the most economical solutions without ever compromising quality.
 - » We always recommend the right solution for our clients, especially when it comes to mission critical facilities where security is paramount.
- The GPD team will work closely with the WVARNG Project Manager and team to establish a program of requirements (POR) and design solutions that will stay within established budgets and schedules site.

MEETING PROJECT GOALS

The GPD team understands the need to address specific project objectives and concerns as part of the project scope of work. Our team incorporates budget analysis, energy efficiencies, maintenance requirements and life-cycle analysis into our design solutions.

The Camp Dawson Road Paving goals include all key design elements, including stormwater management. Based on our previous experience with roadway projects, drainage can play a vital role in the design elements. Often the stormwater management plan drives the design criteria. GPD will identify the drainage requirements at the very onset of design so that cost related items and design constraints are identified early. These costs will be presented to WVARNG to determine the best design option.

HOW GPD MEETS OR EXCEEDS EXPECTATIONS

LARGEST AND MOST DIVERSE PROFESSIONAL CONSULTING AND DESIGN RESOURCE BASE IN THE OHIO VALLEY REGION WITH OVER 600 PROFESSIONALS

A/E LEADERSHIP THAT IS SOLUTION-ORIENTED WITH QUALITY DESIGN FIRST AND FOREMOST

COLLECTIVELY WORKED ON FOUR PROJECTS AT CAMP DAWSON WITHIN THE PAST YEAR

PROJECT MANAGER WHO IS WELL VERSED IN ROADWAY PROJECTS AND WVARNG CIVIL PROJECTS

WILL PROVIDE WVARNG WITH FULLY INTEGRATED SOLUTIONS

DEPTH AND BREADTH OF RESOURCES TO PROVIDE CONSISTENT QUALITY DESIGNS WITH THE MOST STRINGENT SCHEDULES

MANPOWER AVAILABLE TO PROVIDE CONCURRENT TEAMS TO COMPLETE THE WORK

40 YEARS OF EXPERIENCE WORKING WITHIN OCCUPIED, SECURED FACILITIES

REPRESENTATIVE EXPERIENCE

OHIO NATIONAL GUARD, RICKENBACKER BUILDING 920 MOTOR POOL PAVING

COLUMBUS, OHIO

GENERAL CONTRACTING

PROJECT MANAGER

Mr. James Penn
614.336.7307
james.h.penn2.nfg@mail.mil

PROJECT DETAILS

Design Fee:	\$117,000
Est. Constr. Cost:	\$1,200,000
Actual Constr. Cost:	\$950,000
Design Start:	Jun 2015
Design End:	Aug 2015
Const. Start:	Oct 2015
Const. End:	May 2016

SCOPE OF SERVICES

- ALTA / NSPS Surveys
- Civil Engineering
- Construction Administration
- Construction Observation
- Drainage and Stormwater Management
- Geotechnical Services
- Pavement Design
- Site Analysis and Design
- Site Grading
- Stormwater Pollution Prevention

TEAM MEMBERS

Brian Hagemeyer
Travis Saunier
Josh Huffine
Jordan Kirkendall

PROJECT DESCRIPTION

Rickenbacker Air National Guard Base is a facility operated by the Ohio Adjutant Generals Department in Columbus, Ohio. The project consists of various improvements for the motor pool parking associated with Building 920.

GOALS AND OBJECTIVES

The scope of work includes removal of existing pavement down to existing concrete sub-base, new asphalt surface coursing in compliance with ODOT standards for Heavy Pavement Sections, Installation of 11 new LED high mast lighting poles, fixtures and associated wiring, demo and replacement of existing trench drain structures, and demo and replacement of all perimeter fencing and gates around the entire motor pool compound.

HOW THESE WERE MET

The concerns presented to the project team at project conception were related to F.O.D. in proximity of the Blackhawk tarmac, both before and during construction, and the lighting levels present during operations. The project team accomplished this by maintaining a rigid cleaning and inspection protocol at the end of each work day. Lighting was added to the lot with an increased level of control to allow for night operations of the Blackhawk crews, while allowing for a more safe environment for the motor pool activities. Site drainage was also renovated to improve the function and capacity of the existing trench drain assemblies.

WVARNG, MPB & OPS BUILDING SIDEWALKS & DRAINAGE

KINGWOOD, WEST VIRGINIA

DESIGN-BUILD

CLIENT PM

1SG Aaron Miller
304.791.4161
aaron.f.miller.mil@mail.mil

PROJECT DETAILS

Design Fee:	\$49,100
Est. Constr. Cost:	\$350,000
Actual Constr. Cost:	TBD
Design Start:	Sep 2017
Design End:	Nov 2017
Const. Start:	Nov 2017
Const. End:	Feb 2018

SCOPE OF SERVICES

- Civil Engineering
- Construction Administration
- Design-Build Services
- Drainage and Stormwater Management
- Geotechnical Engineering
- GPS Surveying
- Site Analysis and Design
- Site Grading
- Topographic Surveys

TEAM MEMBERS

Brian Hagemeyer
Travis Saunier
Jordan Kirkendoll

PROJECT DESCRIPTION

The general scope of work for this design-build project is to repair and improve drainage, asphalt and concrete pavement areas in two locations at Camp Dawson, the training site of the West Virginia Army National Guard (WVARNG). In the SOW the project is broke up in to separate work areas, the first being the work area along Artillery Boulevard, in front of the Multi-Purpose Building (MPS) and the second being the concrete replacement around the Regional Training Institute (RTI) Building and the Operations (OPS) Building.

GOALS AND OBJECTIVES

The Multi-Purpose Building (MPB) has a generous parking area in front of the building on the opposite side of Sapper Lane. Existing sidewalks with the parking area provide a pedestrian route toward Sapper lane. The conflict arises when the pedestrians arrive at Sapper Lane and need to cross to get to the main entrance of the building. With the walk being offset from the entrance doors, pedestrian tend to walk at an angle across the road creating a conflict with oncoming traffic.

The proposed solution is to add a crosswalk and sidewalk to connect the parking area adjacent to Sapper Lane with a more direct route to the building entrance. This proposed route would more closely align to the building entrance doors creating a more natural route for pedestrian traffic.

The work along Artillery Boulevard required a different approach. The pavement grading along Artillery Boulevard is generally flat causing ponging and drainage issues. There are catch basins and drainage structures along the road; however, the runoff has a hard time getting there. Compounding the problem are existing walks and access points which fix the elevations and make it difficult to resolve grading issues.

A detailed topographic survey and soil borings were performed to establish the existing conditions and pavement thickness. This information was used to determine the most efficient and cost effective approach to resolving the drainage issues and concerns.

HOW THESE WERE MET

GPD engineers met with Government officials and discussed the project goals and objectives. Design options were developed and presented to the Government for review. The approved layout included reconstruction of the roadway passing in front of the building to accommodate parking spaces. The approved layout was used to prepare construction documents which included pavement removal, grading, and new pavement. The field survey information was used to set proposed grades and will allow the finished pavement to drain properly. The soil boring information was used to prepare the pavement section details.

NAVFAC, NCTAMS MISCELLANEOUS FACILITY REPAIRS

LAMOURE, NORTH DAKOTA

DESIGN-BUILD

CLIENT PM

Mr. Ike Samson-Akpan
330.253.1600
isamson@safinc.us.com

PROJECT DETAILS

Design Fee:	\$218,500
Design Start:	Aug 2016
Design End:	Mar 2017
Const. Start:	Oct 2016
Const. End:	Dec 2017

SCOPE OF SERVICES

- Civil Engineering
- Construction Administration
- Construction Observation
- Design-Build Services
- Drainage and Stormwater Management
- Electrical Engineering
- Environmental Engineering
- Geotechnical Services
- Hazardous Material Assessment
- Hydraulic Engineering
- Mechanical Engineering
- Site Grading
- Stormwater Pollution Prevention
- Structural Engineering
- Topographic Surveys

TEAM MEMBERS

Brian Hagemeier
Travis Saunier
Josh Huffine

PROJECT DESCRIPTION

Naval Facilities Engineering Command (NAVFAC) wished to engage an engineering firm to perform repairs, upgrades, modifications and renovations to a variety of building and site features at the Naval Computer and Telecommunications Area Master Station (NCTAMS) in LaMoure, North Dakota. The facility is a mission critical asset in a constant state of operation and readiness to operate.

GOALS AND OBJECTIVES

The facility consists of two primary buildings and a transmitter tower, along with supporting buildings, utilities infrastructure and site features. The facility is a mission critical asset in a constant state of operation and readiness to operate. All work was coordinated in a manner so as not to impact operations.

Projects include:

- » Access Road Pavement Repairs
- » Parking Lot Pavement Replacement
- » Perimeter Road Culverts
- » Perimeter Road Cattle Fence
- » Security Fencing Repairs
- » Generator Radiator Replacement
- » Sewage Lagoon Demolition and Site Restoration
- » Helix House Levee Repairs
- » Fire Alarm Repairs
- » Exterior Concrete Wall Repairs
- » Site Utility Trough Repairs
- » Levee Study

HOW THESE WERE MET

Access Road Pavement Repairs

The facility is aging and needs repair. The harsh North Dakota winters have taken a toll on the access roads and pavement throughout the facility. The pavement on the access road is exhibiting signs of failure with alligator cracking, separation, and pot holing. Improvements will include repairing the existing pavement and finishing with an asphalt surface course overlay. Installation of a geotextile fabric beneath the overlay will minimize reflective cracking and extend the life of the new surface.

Parking Lot Pavement Replacement

The pavement in the parking areas has reached the end of its useful life. GPD worked with the contractor to develop plans for removal and replacement. The existing pavement will be removed, the area re-graded, and replaced.

Perimeter Road Culvert

Several of the culverts across the perimeter road are full of sediment and debris. During heavy rains, water that cannot make it through the culverts wash over the road causing flooding and erosion. Replacing the culverts will clear the obstructions allowing the site to drain properly. Sluice gate valves and culverts were installed along the perimeter road in accordance with the plans allowing the owner to regulate water levels around the facility improving efficiency and minimizing necessary repairs due to erosion.

OHIO NATIONAL GUARD, DSCC BUILDING 24 RENOVATIONS

COLUMBUS, OHIO
GENERAL CONTRACTING

PROJECT MANAGER

Mr. James Penn
614.336.7307
james.h.penn2.nfg@mail.mil

PROJECT DETAILS

Design Fee:	\$88,000
Est. Constr. Cost:	\$1,275,000
Actual Constr. Cost:	TBD
Design Start:	Mar 2016
Design End:	May 2017
Const. Start:	TBD
Const. End:	TBD

SCOPE OF SERVICES

- ALTA / NSPS Surveys
- Civil Engineering
- Construction Administration
- Construction Observation
- Drainage and Stormwater Management
- Geotechnical Services
- Pavement Design
- Site Analysis and Design
- Site Grading
- Stormwater Pollution Prevention

TEAM MEMBERS

Brian Hagemeyer
Travis Saunier
Josh Huffine

PROJECT DESCRIPTION

Project includes POV parking lot improvements, exterior masonry renovation and repair, as well as restroom renovations of Building 24 Armory Building. Project considerations include occupied facilities during renovations and limited disruption to facilities and activities, adherence to security requirements, and Ohio Energy Policy and State Energy Utilization.

GOALS AND OBJECTIVES

GPD designed the renovations of the restroom facilities at the Ohio National Guard's Defense Supply Center Columbus (DSCC) Building 24. Services included the abatement of any present hazardous materials, incorporation accessibility guidelines and replacement of all restroom finishes, plumbing fixtures, toilet partitions, shut off / isolation valves, and plumbing supply lines back to the water main located inside the main mechanical room adjacent to the restroom facilities. This project also incorporated the milling and replacement of the asphalt wear course in the POV parking lot area, including spot repairs where the base courses seem to be compromised. In addition, GPD performed the evaluation and repair / tuck pointing of the brick veneer where the conditions of the veneer warranted attention. All of these efforts were conducted to allow the facility to better serve the National Guard Soldiers and facility staff and to meet the unique needs of the Ohio National Guard and Building 24 facility.

These renovations will bring the buildings up to code and provide space that is accommodating to the end users. Exterior renovations will limit water infiltration to the interior of the buildings and extend the building useful life. New lighting will provide better security at each location, and new security gates will be provide more secure access to the Armory. All buildings will adhere to the Ohio Energy Policy cutting down the utility expenditure at these locations saving money to the various State of Ohio agencies.

The building will remain occupied throughout the duration of design and construction. Security, health and safety will be priority in planning and phasing the project so the ANG can continue carrying out their mission with little to disruption.

HOW THESE WERE MET

The restrooms were renovated and reconfigured to allow for greater maximization of the space by increasing the number of occupants served and increasing the accessibility of the space. Renovation included the investigation and repair of the underground infrastructure to eliminate chronic plumbing issues that plagued the building. The project was extremely sensitive to the ongoing operations at the facility by making adjustments to the schedule and means / methods of the project to allow for uninterrupted use of the facility. This included the coordination, shutdown and evacuation of the facility during drill weekends, while leaving the facility in a usable condition.

BDFD MODULAR OFFICE BUILDING

BATAVIA, NEW YORK

DESIGN-BUILD

CLIENT PM

Mr. Walter Kamad
715.879.4134

PROJECT DETAILS

Design Fee:	\$45,000
Est. Constr. Cost:	\$700,000
Actual Constr. Cost:	TBD
Design Start:	Dec 2017
Design End:	Dec 2017
Const. Start:	Jul 2018
Const. End:	TBD

SCOPE OF SERVICES

- Civil Engineering
- Construction Administration
- Construction Observation
- Design-Build Services
- Geotechnical Engineering
- Site Analysis and Design
- Site Evaluation
- Site Grading
- Stormwater Pollution Prevention
- Stormwater Quality Design
- Structural Engineering

TEAM MEMBERS

Brian Hagemeyer
Jordan Kirkendoll

PROJECT DESCRIPTION

The purpose of this project is to construct a modular building that meets the space requirements of the Buffalo Federal Detention Facility (BDFD) and contains three private offices, twenty-three cubicles, conference room, copy room, break room, restroom facilities, LAN closet, and mechanical room / janitorial closet, along with required infrastructure, utilities, and site work.

GOALS AND OBJECTIVES

The existing Service Processing Center and Administrative Building at the BDFD in Batavia, NY is currently over-occupied by U.S. Immigration and Customs Enforcement (ICE) and Department of Justice Personnel. Additional space is required to house current and future staffing needs.

HOW THESE WERE MET

GPD was responsible for the civil / site design work, structural foundation design and construction documents for the new modular office building. In addition to heading up the site and foundation design, GPD also acted as the design coordinator between the Owner, USACE, modular building contractor and SAF, Inc. The site work and facility construction all occur within the ICE owned property. Coordination and security was high priority due to the new building being located on the Federal Detention Center property.

GEOTECHNICAL ENGINEERING SOLUTIONS

GPD has a 30-year history of performing geotechnical engineering and construction material testing services for local, county and state government projects. We offer a complete package of geotechnical engineering and construction material testing services from design through construction. All services are performed in-house by our experienced staff of engineers, geologists, drillers, and technicians.

Services performed by GPD include, but are not limited to, the following:

- » Subsurface Explorations
- » Monitor Well Installation
- » Foundation Analyses
- » Laboratory Analyses
- » Slope Stability Analyses
- » Evaluation of Existing Pavements
- » Geotechnical Reports
- » Soil, Concrete, and Asphalt Testing
- » Construction Materials Testing
- » Structural Steel Inspection
- » Environmental Sampling

We collect representative soil and rock samples for laboratory testing in accordance with ASTM Standards. Our master-degreed geotechnical engineers analyze the field and laboratory data and prepare geotechnical reports providing recommendations for the design and construction of foundation systems to help our clients make solid decisions.

We strive to offer excellent service to our clients in the areas of technical expertise, cost, and responsiveness. We look for ways to add value to projects. GPD's success in the geotechnical industry is a direct result of our outstanding customer-service, experience in the field and willingness to adapt to the ever-changing needs of our clients. With our partnering approach, we listen to the needs of our clients throughout the entire design process. We stay connected to our clients and encourage open lines of communication as we work together to develop a plan best-suited to meet your specific needs.



QUALITY CONTROL

At GPD, we place quality as first and foremost to success of the overall project. We have a Quality Assurance and Quality Control Manual that defines our Design Quality Control Plan (DQCP). This serves as a guideline for our teams and subconsultants that demonstrates how procedures implemented throughout the project provide continuous quality control during design.

QUALITY EXPECTATIONS

Our expectations for the DQCP Objectives are to produce drawings, specifications, and documents that:

- » Meet the agreed Scope of Work;
- » Are technically sound and appropriate;
- » Have a proper level of detail necessary for contractor interpretations and construction;
- » Are coordinated thoroughly between all disciplines;
- » Are well coordinated with respect to materials, dimensions, details, and code compliance; and
- » Can produce the finished project within the agreed upon project budget and schedule.

Our DQCP team consists of discipline aligned Lead Designers and Principals of the firm. It is comprised of the following:

Checkers – This team will use their own knowledge and experience as well as a project specific check list developed from specific submittal requirements and key issues / details documented through the course of the project as the basis for their review. The work from our team and any subcontractors will be reviewed throughout the project by the checkers.

Independent Technical Review Team (ITRT)

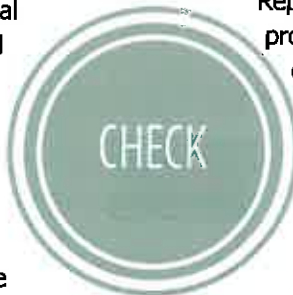
– This team consists of Principals in each discipline that will review as appropriate at midpoints through the design phase and prior to each Design submittal. Comments will be distributed and discussed in meetings and conference calls between the review team and the design and subconsultant teams.

QUALITY CONTROL MANAGEMENT

In effort to manage the implementation and execution of the DQCP, we will utilize QuickBase web-based platform developed by Intuit. Each process step or task of the Quality Control Plan will be logged and tracked to so that tasks are completed in accordance with the plan. Design documents can be routed and submitted by internal resources as well as external subconsultants.

The QA/AC Manager assigns the Quality Control task to the appropriate personnel at the required milestone. The project cannot proceed until the Checker, ITRT Reviewer, or Designer / Subconsultant has completed the assigned task and it is marked completed within QuickBase. This will ensure Quality Control protocol is being followed. Plans will not be released until the QA/QC Manager has identified that tasks are completed in accordance with the DQCP for the given project phase.

Reports are completed throughout all phases of the project to monitor Quality Control task flow and execution status.



REFERENCES

Due to the nature of working with state governmental agencies, we are unable to provide any letters of recommendation for work relevant to this effort. However, we have provided the following list of reference contacts and encourage you to reach out for a direct reference.

For more in-depth evaluations, please feel free to contact the following references:

- » Mr. Ed Stoner
Ohio Department of Youth Services
30 West Spring Street
Columbus, Ohio 43215
614.466.3407
- » Mr. Dave Whitely
Program Administrator
Ohio Department of Transportation
District 12
5500 Transportation Boulevard
Garfield Heights, Ohio 44125
216.584.2004
- » Mr. Art Damron
Project Manager
Ohio National Guard
Adjutant General's Department
2825 West Dublin-Granville Road
Columbus, Ohio 43235
614.336.7056
- » Mr. Sam Cappelli
Ohio Department of Rehabilitation and Correction
770 West Broad Street
Columbus, Ohio 43222
614.506.4451

ADDITIONAL INFORMATION

FACILITIES AND EQUIPMENT

GPD Group is headquartered in downtown Akron, Ohio, in the historic B.F. Goodrich Corporate headquarters, now known as Canal Place. Our firm occupies over 160,000 square feet of office space in our 14 offices nationwide and nearly 100,000 square feet in Northeast Ohio. All offices are linked via high-speed network connections for maximum productivity.

Nationally, we have 1,933 square feet of office space in Atlanta, Georgia; a regional office in Indianapolis, Indiana with 12,000 square feet of office space; 670 square feet of office space in Phoenix, Arizona; 5,300 square feet in Louisville, Kentucky; 1,500 square feet of office space in Seattle, Washington; 2,232 square feet in Dallas, Texas and 4,916 square feet in Houston, Texas. All offices are linked via high-speed network connections for maximum productivity.

Our team of professionals is backed by dedicated IT support staff, network engineering, and system administration. Equipped with the most recent advancements in computer technology relative to computer-aided design and drafting (CAD), we offer a highly collaborative work environment as well as multiple solutions for file transfer and sharing. If desired, we can also provide training for end-users in latest offerings from AutoDesk and Bentley.



Fig. 1: GPD offices in proximity to West Virginia

DATA CENTER AND NETWORK

- Privately Owned, Protected Datacenter
- Server and Data Redundancy
- Best-in-Class Virtualization Technologies
- Best-in-Class Backup, Recovery, and Archive systems
- High-Speed Office Interconnections
- Best-in-Class Network and Firewall Equipment

END-USER COMPUTING

- High-Performance CAD workstations
- State-of-the-Art Virtual Desktop Infrastructure
- Inter-Office Collaboration and Communications
- High-Quality Printer and Plotter technologies

SOFTWARE

- Microsoft Server Technologies
- Microsoft Office Suites and Collaboration Solutions
- Adobe Design Suites
- AutoDesk Design Suites, including AutoCAD, Revit, and Civil3D
- Bentley Design Products
- ESRI GIS Products
- Titles from RISA, Tower Numerics, Trimble, etc.

GEOTECHNICAL ENGINEERING EQUIPMENT & SOFTWARE

- 7 Nuclear Density Gauges
- 15 Concrete Slump Cones
- 10 Concrete Air Content Pressure Meters
- 1 Floorflo Flatness Profiler
- 12 Mortar Cube Molds
- 6 Temperatures Gauges
- Direct Shear Machine
- Consolidometer
- Triaxial/Flex Wall Permeability Cell
- Loading Ram for High End Determination of Soil Properties
- Profometer Rebar Locator
- 6 Olson Instruments NDE-360 Sonic Echo/ Impulse Response Meters with Instrumented Hammer, Geophone, Accelerometer and Cables
- Windsor Probe in-situ Concrete Strength Apparatus
- D-50 All Terrain Drill Rig
- CME-55 Drill Rig
- LC-60 Central Min Drilling Rig
- CME-75 Drill Rig
- 2 Truck Mounted Drill Rigs
- 5 All Terrain Mounted Drill Rigs

- 1 Dynamic Cone Penetration Test Set-up
- Support Trucks and Trailers
- 4 Concrete/Asphalt Core Drills, plus all of the associated drilling tooling to obtain split spoon, Shelby tube, rock core, pavement core, and geoprobe liner samples

CIVIL ENGINEERING EQUIPMENT

- Isco Water Sampler
- Dissolved Oxygen, Temperature and pH Meter
- Manning Level Meters
- RAE Systems – Photoionization Detect