



**GPD GROUP.**  
Glauz, Pyle, Schomer, Burns & DeHaven, Inc.

RECEIVED

2018 AUG 29 AM 9: 22

WV PURCHASING  
DIVISION

**Columbus Office**

1801 Watermark Drive  
Suite 210  
Columbus, OH 43215

tel 614.210.0751  
fax 614.210.0752  
[www.gpdgroup.com](http://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 1900000004**  
**Volkstone Perimeter Fencing (Design) Camp Dawson**

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 Don Losh as project manager. He brings nearly 15 years of architectural project design experience from project management through construction administration including his knowledge and experience with the WVARNG and security fencing design;
- 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 Don Losh at 330.572.2100 ext. 8665 or [dlosh@gpdgroup.com](mailto:dlosh@gpdgroup.com) or visit us on the web at [www.gpdgroup.com](http://www.gpdgroup.com)

Sincerely,

GPD Group  


Brian Hagemeyer, PE, LEED® AP  
Principal

GPD Group  


Don Losh, LEED® AP  
Project Manager

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: CE01 0603 ADJ 1900000004**

**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 Hagemeier, Principal

(Printed Name and Title)

1801 Watermark Drive, Suite 210, Columbus, Ohio 43215

(Address)

614.210.0751 | 614.210.0752

(Phone Number) / (Fax Number)

bhagemeier@gpdgroup.com

(email address)

**CERTIFICATION AND SIGNATURE:** By signing below, or submitting documentation through wvOasis, 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

# TABLE OF CONTENTS

- 01 Firm Overview
- 02 Key Personnel
  - » Staffing Plan
- 03 Representative Experience
- 04 Quality Control
- 05 References
- 06 Additional Information
  - » Equipment and Facilities



This document was produced  
using 100% recyclable materials.

# 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 Employees' Foundation". Through this foundation we seek to make a difference in the lives of children by enhancing public education in K-12 schools and assisting at-risk children or those with medical and social needs 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 Modeling  
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

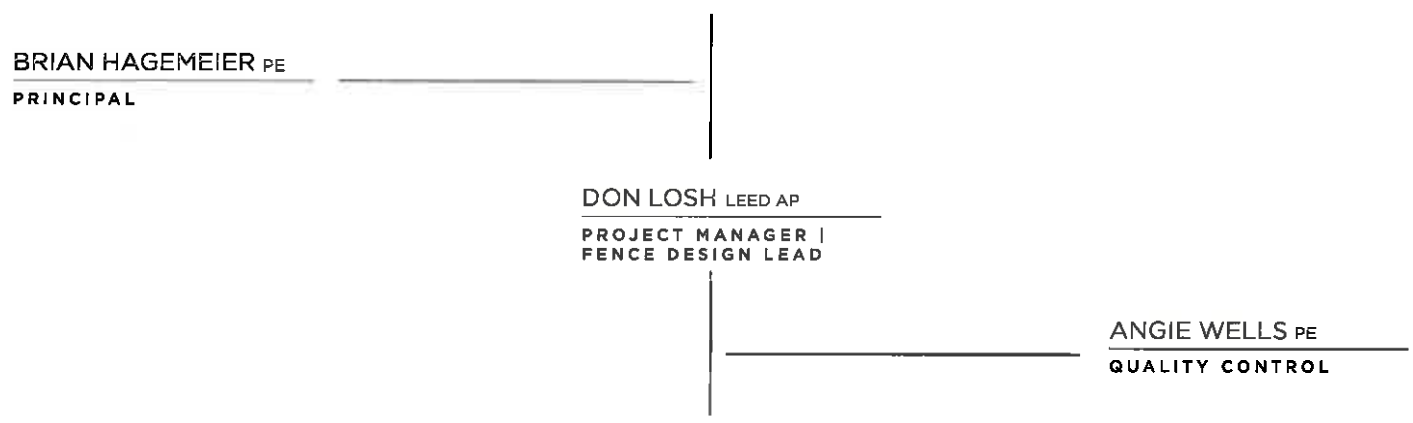


Pictured (left to right): Trever Powers, Becky McAdams, Darrin Kotecki, Jeff Evans, Angie Wells, and Jim Shives

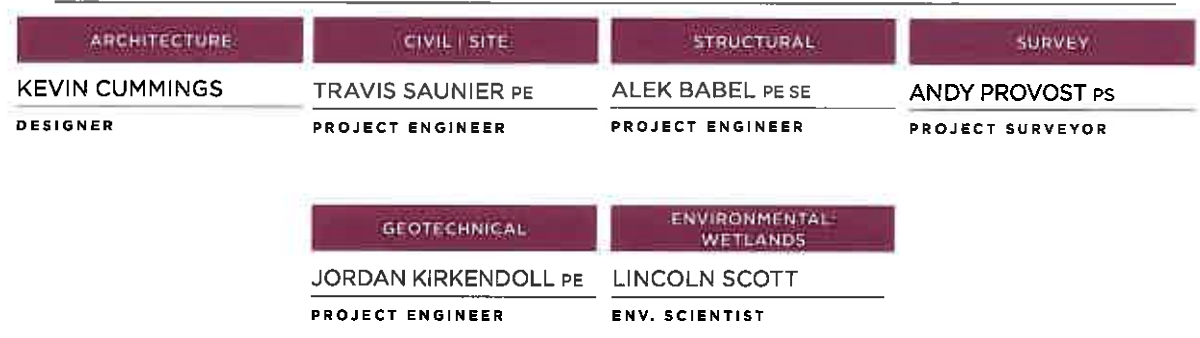
# KEY PERSONNEL

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



### TASK LEADERS



### 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<sup>ER</sup> 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

### ODRC, Population Management Fence DB, Various Locations

**Sr. Management Lead:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### NAVFAC, NCTAMS, Security Fencing, LaMoure, ND

**Sr. Management Lead:** The harsh North Dakota winters have taken a toll on the perimeter security fencing around the buildings. The scope of this project is to remove sections of fence, regrade, and install new fencing. The facility is a mission critical asset in a constant state of operation and readiness to operate. All work is coordinated in a manner so as not to impact operations.

### 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).

### ODRC, OSP Recreation Gages, Youngstown, OH

**Sr. Management Lead:** Basic scope of work is to divide the six existing outdoor recreation area cages into smaller 180-square foot cages in order to provide more inmate recreational time periods. New cameras are to be added in each subdivided cage.

## 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** License Look Up

6/18/2018 1:21 PM

**Brian Christian Hagemeyer**

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



# DON LOSH LEED® AP

PROJECT MANAGER | FENCE DESIGN LEAD



## ABOUT

---

Donald Losh brings a diverse background of work experience as a project manager, technician, communicator, and construction administrator. He has served as the Project Manager on many fencing projects throughout the state of Ohio. Don is also extremely skilled on both the creative and technical side of project document production, as well as construction administration. He contributes to all phases of the design process, from preliminary design and presentations to construction documents, construction administration and project closeout. He is also responsible for writing reports and specifications and prepares estimates and architectural plans for various projects.

## EXPERIENCE

---

### ODRC, Population Management Fence DB, Various Locations

**Project Manager:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### ODRC, OSP Recreation Gages, Youngstown, OH

**Project Manager:** Basic scope of work is to divide the six existing outdoor recreation area cages into smaller 180-square foot cages in order to provide more inmate recreational time periods. New cameras are to be added in each subdivided cage.

### ODRC, Population Management Fence Phase 3, Various Locations

**Project Manager:** The Non-Lethal Electrical Fence components and operational support programming is intended to provide an added level of security around the entire facility perimeter at each of the 5 correctional institutions; including Sally-Ports and Entry Buildings. The scope of work incorporates the attachment of NLEF arrays to existing facility fence systems, and/or new fence systems.

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

**Project Manager:** 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 Architecture  
Kent State University

Bachelor of Science, Architecture,  
Kent State University

## ACCREDITATION

---

LEED Accredited Professional



# KEVIN CUMMINGS

ARCHITECTURAL DESIGNER



## ABOUT

---

Since being employed at GPD, Kevin Cummings has been involved with projects primarily in a design role. This involves developing Construction Documents sets requiring code research, creating details, coordinating with engineering designers and working with local or out-of-state municipalities. For some commercial projects, he develops program material for owner review, including Graphic Program Responses (GPR) and Site Investigation Reports (SIR). Kevin has been involved in Construction Administration roles for most projects worked on and some brief project management. He is also well versed in AutoCAD, Form-Z, and Revit. Kevin has specific experience with federally-funded and secured facilities renovation and upgrade projects.

## EXPERIENCE

---

### ODRC, Population Management Fence DB, Various Locations

**Architectural Designer:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### ODRC, OSP Recreation Gages, Youngstown, OH

**Architectural Designer:** Basic scope of work is to divide the six existing outdoor recreation area cages into smaller 180-square foot cages in order to provide more inmate recreational time periods. New cameras are to be added in each subdivided cage.

### JFHQ Secure Area Design-Build, Charleston, WV

**Architectural Designer:** This project consisted of the development of the design and construction documents for upgrades to the JFHQ Building at Charleston, WV, National Guard. Existing storage space was converted to a new high secure communication space. The new design was required to meet the stringent guidelines for design and construction. Close coordination between GPD, SAF, Inc. and the West Virginia National Guard was required due to the security requirements for the base.

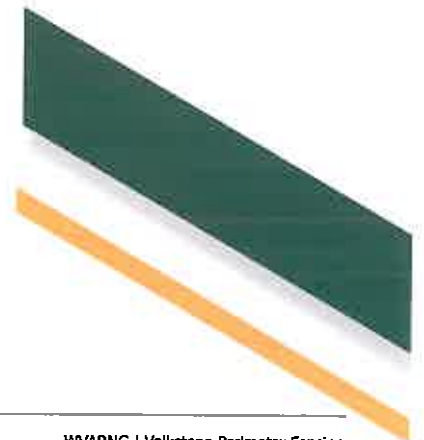
### Camp Dawson CC Center & OPS Building Upgrades, Kingwood, WV

**Architectural Designer:** This project consisted of the development of the design and construction documents for upgrades to the Command Conference Center and OPS Building at Camp Dawson Training Center. Existing office space was converted to a new communication space. The new design was required to meet the stringent guidelines for design and construction. Close coordination between GPD, SAF, Inc. and the West Virginia National Guard was required due to the security requirements for the base.

## EDUCATION

---

Bachelor of Science, Architecture,  
2001, Pennsylvania State University



# TRAVIS SAUNIER PE

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

### ODRC, Population Management Fence DB, Various Locations

**Project Engineer:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### NAVFAC, NCTAMS, Security Fencing, LaMoure, ND

**Project Engineer:** The harsh North Dakota winters have taken a toll on the perimeter security fencing around the buildings. The scope of this project is to remove sections of fence, regrade, and install new fencing. The facility is a mission critical asset in a constant state of operation and readiness to operate. All work is coordinated in a manner so as not to impact operations.

### NAVFAC, NCTAMS, Perimeter Road Cattle Fencing, LaMoure, ND

**Project Engineer:** The main part of the LaMoure facility is a 1200-foot tall communications tower. The tower is supported by guy wires and anchors on a half mile radius from the tower base. Being located in rural North Dakota, grazing cattle often roam near the foundation anchors and disrupt the grounding grid. The scope of the project is to install a cattle fence along the perimeter road keeping grazing cattle away from the tower guy wire foundations.

### MPB & OPS Building Sidewalks and 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.

## EDUCATION

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

## REGISTRATION

Registered Professional Engineer,  
State of Ohio, 2000

**Ohio** Professional Engineers

**License Look Up**

6/18/2018 1:26 PM

**Travis R. Saunier**

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	
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



# ALEK BABEL PE, SE

STRUCTURAL ENGINEER



## ABOUT

Alexander Babel has seven years of structural engineering and project management experience that includes structural investigation and design of new facilities and structural rehabilitation of existing facilities. Alek works closely with the project design team to help initiate innovative approaches and solutions for unique circumstances that arise during both design and construction.

## EXPERIENCE

**ODRC, Population Management Fence DB, Various Locations**  
**Project Engineer:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

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

**Project Engineer:** This 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.

**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.

**Argonne National Lab, Energy Sciences Building, Argonne, IL**

**Project Engineer:** This project consisted of a 140,000 sf laboratory building of reinforced concrete. Scope of work included design of secondary structures for the building, including a loading dock canopy, and wind supports for curtain wall systems. Review of submittals for foundations, reinforced concrete columns, floors, and beams, and for the secondary structures.

## EDUCATION

Master of Engineering, Structural Engineering, 2009, Illinois Institute of Technology

Bachelor of Science, Civil Engineering, 2007, Illinois Institute of Technology

## REGISTRATION

Registered Professional Engineer, State of Ohio, 2015

**Ohio** License Look Up

6/18/2018 1:25 PM

**Alexander Karol Babel**

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	[REDACTED]
License Issue Date	04/30/2015
License Expiration Date	12/31/2019
License Effective Date	01/01/2018
City	Akron
State	OH
Country	United States
Board Action	No



# ANDY PROVOST PS

PROJECT SURVEYOR



## ABOUT

Andrew Provost joined GPD's Surveying Team bringing with him almost nine years of survey experience. Andy has experience and training with all aspects of the survey equipment and software necessary to manipulate and process data collected in the field. He is also well versed with various CAD and GIS software and the conversion of data between these different mapping software packages.

Andy provides surveying and project coordination services for a variety of project types including, but not limited to, utility, GIS, transportation and private development projects. His responsibilities include preparing right of way plans, ALTA surveys, lot split and consolidation plats, easements, exhibits, and legal descriptions.

## EXPERIENCE

### ODRC, Population Management Fence DB, Various Locations

**Project Surveyor:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### ODRC, Population Management Fence Phase 3, Various Locations

**Project Surveyor:** The Non-Lethal Electrical Fence components and operational support programming is intended to provide an added level of security around the entire facility perimeter at each of the 5 correctional institutions, including Sally-Ports and Entry Buildings. The scope of work incorporates the attachment of NLEF arrays to existing facility fence systems, and/or new fence systems.

### NAVFAC, NCTAMS, Security Fencing, LaMoure, ND

**Project Surveyor:** The harsh North Dakota winters have taken a toll on the perimeter security fencing around the buildings. The scope of this project is to remove sections of fence, regrade, and install new fencing. The facility is a mission critical asset in a constant state of operation and readiness to operate. All work is coordinated in a manner so as not to impact operations.

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

**Project Surveyor:** 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).

## EDUCATION

Bachelor of Science, Geomatics Engineering, 2005, The Ohio State University

## REGISTRATION

Registered Professional Surveyor, State of Ohio, 2008

**Ohio** | License Look Up

**License Look Up**

6/18/2018 1:23 PM

**Kate Anne Bilinski**

Status	Active
Sub-Status	
Board	Engineers and Surveyors Board
License Type	Professional Engineer
License Number	[REDACTED]
License Issue Date	11/26/2012
License Expiration Date	12/31/2019
License Effective Date	01/01/2018
City	Norion
State	OH
Country	United States
Board Action	No



# 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

### ODRC, Population Management Fence DB, Various Locations

**Project Engineer:** This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

### MPB & OPS Building Sidewalks and 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.

### 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



# LINCOLN SCOTT

ENVIRONMENTAL SCIENTIST



## ABOUT

---

Lincoln Scott offers expertise in comprehensive environmental / ecological documentation, planning and permitting. Lincoln has years of experience conducting planning studies and preparing environmental documents. He has successfully managed numerous environmental projects, authored various technical documents, and collected technical data for natural resources documentation. Additionally, he has managed several projects involving various levels of Categorical Exclusion (CE) clearance and has assisted in writing Sections of EAs and EISs. Lincoln is also familiar with the current ODOT, U.S. Army Corps of Engineers and Ohio EPA regulations for Section 404 and Section 401 compliance and Ohio's isolated wetland rules.

## EXPERIENCE

---

### **Wilbeth Wetlands Construction Monitoring, Akron, OH**

**Project Manager:** This project consisted of the restoration of 13 wetland features and one stream within the still-developing Confluence Park. All of the existing wetlands, streambanks, and floodplains contain invasive species and are in different states of ecological succession as a result of past disturbances. Lincoln worked with other biologists, designers, landscape architects, and contractors to oversee the implementation and completion of the restoration plan including soil grading activities, construction of water control structures, removal of industrial water wells and industrial debris, eradication of invasive species, and introduction of native species.

### **ODOT D4, District-Wide Environmental Task Order, Various locations**

**Program Manager:** GPD personnel have successfully completed over seventy (70) environmental projects throughout ODOT District 4 under two separate, District-wide various environmental services task order agreements. Project assignments included, but not limited to, Level 1 and Level 2 Ecological Survey Reports, ESA Screenings, Phase I ESA investigations and Phase II ESA sampling, Ohio EPA Rule 13 Coordination for sampling and construction, public involvement tasks, preparation of Categorical Exclusion Documents (Levels 1-4), and Programmatic Section 4(f) Evaluations.

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

**Environmental Scientist:** This 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.

## EDUCATION

---

Bachelor of Science, Biology, 1997,  
Kent State University

## TRAINING

---

Army Corps of Engineers, Wetland Delineation Method and Management Training, 1998

Freshwater Wetland Construction and Mitigation Techniques, Rutgers University, Cook College, 2000

Nationwide Permits Course, Wetland Training Institute, 2000

ORAM v.5.0 Training & Workshop - Ohio EPA, 2002

HHEI Headwater Habitat Assessment - Ohio EPA, 2003

QHEI & Bio-Criteria Workshop - Ohio University / QDC Program, 2010

Marcoinvertebrate Training - Ohio University / QDC Program, 2010

Wetland Plant Identification, Dr. Robert Mohlenbrock, 2012

Level 3 Qualified Data Collector for Stream Habitat Assessments, OEPA, 2011/2013



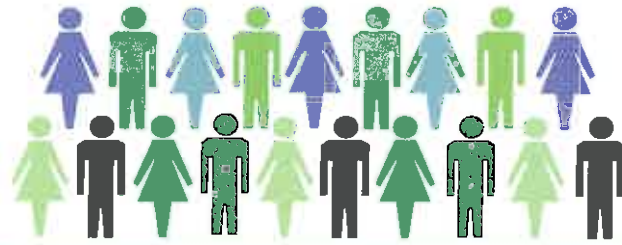


# STAFFING PLAN

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 security fencing design and construction. 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.



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.

## 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%
Don Losh	Project Manager	40%
Angie Wells	Quality Control	10%
Kevin Cummings	Architectural Designer	50%
Travis Saunier	Civil   Site Engineer	30%
Alek Babel	Structural Engineer	30%
Andy Provost	Project Surveyor	25%
Jordan Kirkendoll	Geotechnical Engineer	15%
Lincoln Scott	Environmental Scientist	15%

## 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

Don Losh will lead the Construction Administration (CA) effort for this project. Don, working as the client advocate, regularly provide guidance to engineers and contractors in order to avoid change orders and unscheduled delays to projects.

## 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.

## WHY THE GPD TEAM IS BEST QUALIFIED FOR THE VOLKSTONE PERIMETER FENCING 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 Volkstone Perimeter Fencing goals include all facets of design including survey and geotechnical requirements to meet proper foundation specification.

Furthermore, based on GPD's previous experience with security fencing, we understand the importance of grading, backfill material and the effects that weather has on ground clearances. We take the proper design and construction suggestions / solutions necessary to meet and maintain ground clearance requirements.

### 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 DESIGNED AND CONSTRUCTED OVER A DOZEN SECURITY FENCING SYSTEMS DURING THE PAST TWO YEARS

PROJECT MANAGER WHO IS WELL VERSED IN SECURED FACILITIES INCLUDING ANTI-TERRORIST FORCE PROTECTION

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

## ODRC, POPULATION MANAGEMENT FENCE DB PROJECT

VARIOUS LOCATIONS, OHIO

### 7-SITE NON-LETHAL ELECTRIC FENCING

#### CLIENT PM

Mr. Sam Cappelli  
614.506.4451  
samuel.cappelli@odrc.state.oh.us

#### PROJECT DETAILS

Design Fee:	\$325,000
Est. Constr. Cost:	\$12,000,000
Actual Constr. Cost:	TBD
Design Start:	Jan 2017
Design End:	May 2017
Const. Start:	Oct 2017
Const. End:	Apr 2019

#### SCOPE OF SERVICES

- Civil Engineering
- Electrical Engineering
- Electrical and Fiber Optic Installation
- Structural Engineering
- General Contracting
- Construction Administration
- Construction Observation and Reporting
- Drainage and Stormwater Management
- Stormwater Pollution Prevention
- Utility Location and Protection
- Site Grading
- Non-Lethal Electric Fence Design
- Non-Lethal Electric Fence System Installation

#### TEAM MEMBERS

Brian Hagemeyer  
Don Losh  
Travis Saunier  
Andy Provost

#### PROJECT DESCRIPTION

This project is a 7-site Non-Lethal Electric Fence (NLEF) Array installation project. These correctional complexes need to have stun fence arrays either attached to existing fences or have existing fences replaced with new self-standing complete stun fence systems.

#### GOALS AND OBJECTIVES

GPD in conjunction with GPD Services was the design-build team for this Phase II Population Management Fence project. This project consists of investigation of the existing utilities for location and capacity, installation of the perimeter utility (electric and fiber-optic) pathway and conduit infrastructure necessary to operate the system. Modifications to the existing perimeter fence structure to provide a suitable sub-straight capable of supporting the NLEF Array. Installation of the NLEF array, repairs to the existing sally port fabric and gates, and additional site improvements as required to facilitate the work.

#### HOW THESE WERE MET

Implementing the project criteria documents through the design process offered many opportunities for betterment of the installed system by simplification of some components. One example is the relocation of the perimeter utility trench to the outside of the outer perimeter fence, greatly reducing the impact to the facilities normal daily operations, and subsequent expedition of the schedule due to the requirement of gaining access to the site being drastically reduced. This also allowed for a substantial cost savings by being able to eliminate the interior mow strip that is now not required due to lack of excavation activity at the inner perimeter fence.

# NAVFAC, NCTAMS, SECURITY FENCING

LAMOURE, NORTH DAKOTA

## MISCELLANEOUS FACILITY REPAIRS

### CLIENT PM

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

### PROJECT DETAILS

Design Fee:	\$12,000
Est. Constr. Cost:	\$120,000
Actual Constr. Cost:	\$120,000
Design Start:	Jul 2016
Design End:	Mar 2017
Const. Start:	May 2017
Const. End:	Sep 2017

### SCOPE OF SERVICES

- Civil Engineering
- Construction Administration
- Construction Observation
- Design-Build Services
- Topographic Survey
- Site Grading

### TEAM MEMBERS

Brian Hagemeyer  
Travis Saunier

### 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. All work is coordinated in a manner so as not to impact operations.

The scope of this project is to remove sections of fence, regrade, and install new fencing.

### GOALS AND OBJECTIVES

The harsh North Dakota winters have taken a toll on the perimeter security fencing around the buildings. Deep penetrating frost has caused the posts to heave and gaps to develop beneath the fence fabric. In some areas the gap under the fence measured 12 to 18-inches.

### HOW THESE WERE MET

GPD worked with the contractor to develop an anchoring system to secure the posts. A second post was driven below frost and anchored to the displaced post. Fill material was added and the area re-graded to eliminate the void beneath the fence fabric. A combination of securing the posts and re-grading resolved the gap and security issues. The repair allowed the posts to be salvaged and was more cost effective than complete removal and replacement.

# 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  
Andy Provost  
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 broken 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 ponding 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 re-construction 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 ensure the finished pavement will drain properly. The soil boring information was used to prepare the pavement section details.

# ODRC, OSP RECREATION CAGES

YOUNGSTOWN, OHIO

## MODIFICATIONS

### CLIENT PM

Mr. Sam Cappelli  
614.506.4451  
samuel.cappelli@odrc.state.oh.us

### PROJECT DETAILS

Design Fee:	\$65,000
Est. Constr. Cost:	\$826,620
Actual Constr. Cost:	\$853,699
Const. Start:	Apr 2017
Const. End:	Mar 2018

### SCOPE OF SERVICES

- Construction Administration
- Construction Observation
- General Contracting

### TEAM MEMBERS

Brian Hagemeyer  
Don Losh  
Kevin Cummings

### PROJECT DESCRIPTION

Ohio State Penitentiary (OSP) is a high security facility operated by the State of Ohio. OSP opened in 1998, built on 240 acres in Northeastern Ohio. OSP serves as the highest security level institution in Ohio. Basic scope of work is to divide the six existing outdoor recreation area cages into smaller 180-square foot cages in order to provide more inmate recreational time periods. New cameras are to be added in each subdivided cage.

### GOALS AND OBJECTIVES

This project is being performed in one of the highest security level, occupied institutional facilities in the state of Ohio. Understanding how to properly handle security protocols and occupant interaction, all while delivering a successful project on schedule proves invaluable. Having this firsthand experience allows GPD to properly assemble the information so the bidding contractors are not presented with any surprises once construction activities begin, and that the extra efforts are accounted for in their bids.

### HOW THESE WERE MET

GPD is a multifaceted firm with the ability to perform at a high level in many different disciplines. GPD has performed projects for the State as the Prime A/E, the Design-Builder and now as the GC. Utilizing the knowledge of how to successfully deliver a project in various project delivery methods allows us to analyze any design solution for potential difficulties in the field due to constructability issues. Results are a better bidding environment and fewer complications during construction.

# NAVFAC, NCTAMS, PERIMETER ROAD CATTLE FENCE

LAMOURE, NORTH DAKOTA

## MISCELLANEOUS FACILITY REPAIRS

### CLIENT PM

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

### PROJECT DETAILS

Design Fee:	\$10,000
Est. Constr. Cost:	\$100,000
Actual Constr. Cost:	\$100,000
Design Start:	Jul 2016
Design End:	Mar 2017
Const. Start:	May 2017
Const. End:	Sep 2017

### SCOPE OF SERVICES

- Civil Engineering
- Construction Administration
- Construction Observation
- Design-Build Services
- Topographic Survey
- Site Grading

### TEAM MEMBERS

Brian Hagemeyer  
Travis Saunier  
Andy Provost

### 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. All work is coordinated in a manner so as not to impact operations.

The scope of the project is to install a cattle fence along the perimeter road keeping grazing cattle away from the tower guy wire foundations.

### GOALS AND OBJECTIVES

The main part of the LaMoure facility is a 1,200-foot tall communications tower. The tower is supported by guy wires and anchors on a half mile radius from the tower base. Located in rural North Dakota, grazing cattle often roam near the foundation anchors and disrupt the grounding grid.

### HOW THESE WERE MET

GPD worked with the contractor to develop plans and details to keep the cattle away from the anchor foundations and perimeter road. The fence provides a cost-effective barrier to protect the facility and underlying grounding grid.

# 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.

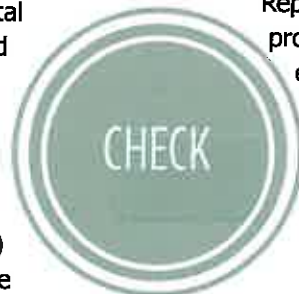
**Independent Technical Review Team (ITRT)** – This team consists of Principals in each discipline that will review as appropriate at midpoints through the design phase and prior to each Design submittal. Comments will be distributed and discussed in meetings and conference calls between the review team 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 Whiteley  
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.