

A/E Services for West Virginia Division of Natural Resources

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WV PURCHASING  
DIVISION

# LEAD MANAGEMENT PLAN PROJECT

AEOI DNR2000000005

EXPRESSION OF INTEREST BY:  
PICKERING ASSOCIATES

February 19, 2020



**EST. 1988**

# **OUR MISSION**

**Pickering Associates is a multi-disciplined professional architectural, engineering and surveying firm providing quality services that meet or exceed our clients' expectations. We are committed to the professional development and technical advancement of our employees. We will continuously improve the delivery of our services through innovation and an entrepreneurial spirit.**

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West Virginia Purchasing Department  
Guy Nisbet  
2019 Washington Street, East  
Charleston, WV 25305



Mr. Nisbet,

Pickering Associates is pleased to have the opportunity to submit this proposal for providing Engineering and Surveying services for DNR Lead Management Plan Project. We feel confident our design team is uniquely qualified to provide design services for this project.

Pickering Associates is a premier all inclusive A/E Firm located throughout West Virginia and Ohio and headquartered in Parkersburg, W.Va. The following proposal outlines our technical expertise, management, staff capabilities and experience for providing high-quality engineering and design services. Our approach will offer advantages in methodology and delivery, which will elevate the success of your project both now and for years to come. The team we have proposed is capable of providing full engineering services and management to complete the scope of your project and has had the opportunity to provide comprehensive project services to multiple governmental agencies throughout our history.

As a firm, Pickering Associates has conducted various site evaluation and design improvement projects for clients. Our current workload affords us the opportunity to provide you with an experienced and well-rounded engineering team. As noted on the resumes, this team has experience in various types of municipal, commercial, and private projects. Not only do we have an engineering group that is up-to-date on the most current trends and technologies, we have experienced senior engineers who can provide tried and true insight through many years of experience. The experience and professionalism of Pickering Associates lends itself to the ability to bring successful projects to fruition, time after time.

You will see that teamwork is the spirit and foundation of our organization. We acknowledge the importance of a quick turn-around and excellent quality services which our administrative procedures, overall organization and depth of experience are posed to provide you. As you will see from our resumes and company experience, we are uniquely qualified to offer the professional services required and to ensure that your project becomes a reality.

Through the years, Pickering has taken pride in finding unique solutions to some of the most challenging problems. From a concise delivery/need-based schedule for emergency work to limited and stretched budgets/funds. You will find a growing list of repeat clients who come back to Pickering because of the importance we place on every job we work on as well as every single client we interact.

We look forward to personally discussing our qualifications to complete this project on time, within budget and exceeding the standards of any firm you may have worked with previously.

Respectfully submitted,

Spencer Kimble, PE  
Civil Engineering Department Manager  
skimble@pickeringusa.com



# ABOUT THE COMPANY

*Founded in 1988, Pickering Associates has been providing architectural, engineering and surveying services throughout West Virginia and Ohio for the past thirty years.*

Our company is the product of three generations and more than 75 years of construction experience. This experience plus state-of-the-art engineering practices create a full-service, multi-discipline, architectural, engineering and surveying firm serving a wide range of needs and featuring innovative, customized solutions. Our highly qualified staff includes licensed professional engineers, professional surveyors, licensed architects, designers, and drafters as well as support personnel.

The disciplines we cover include architecture, surveying, project management, civil engineering, structural engineering, mechanical engineering, electrical engineering, process engineering, automation and control, and construction administration. Pickering Associates specializes in the above listed disciplines with education, government, healthcare, industrial, oil & gas and private sector clients.



**"WE ARE  
COMMITTED TO THE  
PROFESSIONAL  
DEVELOPMENT AND  
TECHNICAL  
ADVANCEMENT OF  
OUR EMPLOYEES."**

# ABOUT THE PEOPLE

In choosing Pickering Associates, your project will be performed to your specifications with frequent meetings and status reports to keep you up-to date on the status of the project. Our sole focus is your full satisfaction with the completed quality installation.

Successfully executing more than 10,000 projects in its history, the firm has built a tremendous wealth of experience gaining insight into what works for each of our client types. Those lessons learned add substance to our work and provide our clients with unparalleled value.

Our objective is to partner with our clients improving their performance, flexibility, life-cycle cost, sustainability and ultimately well-being.

## LEADERSHIP

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### V.P. of Marketing & Development

Traci Stotts, AIA, NCARB  
Architect

### C.E.O. & President

Ryan Taylor  
Sr. Project Manager

### Executive V.P. of Design

David Boggs, P.E., CPD  
Sr. Mechanical Engineer

### V.P. of Projects

Zac Campbell, P.M.P.  
Sr. Project Manager

### V.P. of Construction

Mark Welch, P.E.  
Sr. Project Manager

## DEPARTMENT LEADS

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### Civil Engineering

Spencer Kimble, P.E.

### Electrical Engineering

Carl Henson, P.E.

### Mechanical Engineering

Jeff Hosek, P.E. LEED AP (BD+C)

### Piping Engineering

Patrick Flora, E.I.

### Structural Engineering

Eric Smith, P.E.

### Architecture

Traci Stotts, AIA, NCARB.

### Building Information Modeling

Chris Algin, AIA, NCARB

### Construction Administration

Ronald Arnold

### Surveying

Bill Showalter, P.S.

## BRANCH MANAGERS

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### Athens

John Bentz, P.E.

### Fairmont

Pamela Wean, AIA

### Charleston

Sean Simon, AIA, NCARB



# YOUR PROJECT CONTINUED...

documents will also be reviewed by our in-house Certified Building Code Plans Examiner for full compliance with applicable codes. As with all projects, we will continuously monitor the budget to ensure that the scope of work is in alignment with the available funding. Our experienced construction administrators will provide estimates of probable construction costs and budget checks to be presented at all design phases.

## **Goal/Objective 3: Provide Construction Contract Administration Services with competent professionals that ensures the project is constructed and functions as designed.**

Pickering has a complete construction administration department with many years of experience in construction that will be involved throughout the project. Our CA team will be involved early in the design process to become familiar with the project scope of work, and to provide valuable feedback for constructibility. This helps minimize questions and issues during bidding as well as create clear instructions and improved communication during the construction phase.

The construction administrator will also manage and oversee all aspects of construction to ensure that the completed project is in accordance with the design documents, applicable codes and intent of the project.

## *Our Unique Qualities:*

We believe that Pickering Associates has many unique qualities that set us apart from other firms. Below is a list of qualities that we feel are worth calling attention to:

- 1) Full Service Firm: Pickering Associates is a Full-Service A/E firm. We have all architects and engineers in-house, including surveyors. We can effectively and efficiently communicate with our entire team thus ensuring a well-coordinated design effort.
- 2) Our Experience: We have completed other similar design projects and have assembled an experienced project team that works well together. We understand the needs of your facility and believe that our work with the WVDNR on prior projects gives us an insight to the scope and design that other firms may not offer.
- 3) Our Technology: Pickering Associates uses Building Information Modeling (BIM), 3D Scanning, Virtual Reality, and 3D printing technology in developing our project concepts throughout the design process, as needed. These tools also allow for us to better communicate the final layout and look of the project with our clients and allows our clients to experience what the project will look like prior to construction.
- 4) Our Communication: Our Project Manager will provide consistent communication with all project stakeholders throughout the project design. We make sure that the project scope and schedule are aligned with the project requirements, and the client's desires and expectations.



## YOUR PROJECT

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### **Project Owner**

West Virginia Division of  
Natural Resources

## LEADERSHIP

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### **Project Manager**

Spencer Kimble, P.E.  
Civil Engineering  
Department Manager

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Spencer coordinates and manages a team that provides site planning and development to industrial, commercial and institutional accounts. He has a wealth of experience with storm water management, erosion control, site utility layout, parking lot design and permit assistance.

## DESIGN TEAM

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### **Piping Engineering**

Dave Boggs, P.E.

### **Structural Engineering**

Eric Smith, P.E.

### **Electrical Engineering**

Carl Henson, P.E.

### **Mechanical Engineering**

Jeff Hosek, P.E. LEED AP (BD+C)

### **Construction Administration**

Ron Arnold

### **Surveying**

Bill Showalter, P.S.

An aerial photograph of a landscape with a drone flying over it. The landscape features a mix of green and brown terrain, with a blue body of water visible on the right side. The drone is positioned in the center-right of the frame, flying towards the left. The text 'WHAT FULL SERVICE MEANS' is overlaid on the left side of the image in large, white, bold, sans-serif capital letters.

# WHAT FULL SERVICE MEANS

## SITE EVALUATIONS

New and existing site evaluations have many unique requirements. There are many factors that need to be considered in site design, whether the purpose is to construct new facilities on undeveloped sites or renovate sites that have been previously developed. Performing extensive evaluations, prior to design, is key in providing our clients with a design that is effective and efficient in daily operation.

Our Civil engineers have extensive experience with planning and designing site developments of all types. Whether the sites require coordination with local highway agencies for new entrances, local utilities for new connections, or state agencies for permitting, Pickering Associates can utilize their highly skilled engineers to perform these tasks. Pickering also has landscape architects on staff that can assist with site planning and implementation of sustainable design elements for overall aesthetics.

Our process lies in our team and technology. All of our surveying, scanner, drone, and evaluation equipment link together into one system. Our processes can tie field surveys to drone flights via ground control points. This information can then be overlaid with current Geo-referenced, aerial imagery to provide more detail. Finally, this survey data can then be incorporated into our design software so that updated conditions are reflected, while saving on project schedule and budget. It also allows a much quicker turnaround for site evaluations.

## OUR APPROACH

With the selection of Pickering Associates, your project gains the full depth experience of our organization. All projects are scheduled by our resource manager and the project manager. By assigning the necessary design resources required to perform tasks of all projects at-hand, Pickering Associates can ensure that your deadlines are taken into account and of utmost importance. With more than 60 professionals on staff, you can be confident that Pickering Associates has the resources to meet your project schedule.

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format that blends well with our 3D modeling and BIM workflows.

This technology allows a small scanning team to enter into an existing building/space and virtually document the conditions of the area in three dimensions, including high-definition color photographs.



These 360-degree, panorama photos allow for continuous referencing throughout the project by our design teams. This data capture implementation is safer and more efficient for our designers.

Being a full-service firm, we are able to provide a better coordinated project than those firms using outside consultants. Using regularly scheduled, in-house design coordination meetings, our teams are easily able to discuss and resolve any issues or concerns that may arise. We feel that this face-to-face coordination with our design team is more effective and efficient than indirect methods of communication. Our close coordination efforts have proven valuable in many cases where projects are schedule-driven and/or complex, thus requiring the effort and coordination of several disciplines.

By working with Pickering Associates you will see that teamwork is the spirit and foundation of our organization. We acknowledge the importance of a quick turn-around and excellent quality services which our administrative procedures, overall organization and depth of experience are posed to provide you. As you will see from our resumes and company experience, we are uniquely qualified to offer the professional services required and to ensure that your vision becomes a reality.

## OFFICE LOCATION: HEADQUARTERS

11283 Emerson Ave.  
Parkersburg, WV 26104

## CONTACT INFORMATION:

Spencer Kimble, PEt  
Civil Engineering Dept Mgrn  
(P) (304)464-5305EXT: 1305  
(E) skimble@pickeringusa.com

## SERVICES:

Architecture  
Interior Design  
3D Model Design  
Landscape Architecture  
Civil Engineering  
Structural Engineering  
Electrical Engineering  
Automations & Controls  
Mechanical Engineering  
Piping Engineering  
Process Engineering  
Surveying  
Marketing Development  
Construction Services  
Project Management

Rated as one of the  
**TOP**  
Engineering Firms in  
West Virginia.

- The State Journal





Pickering Associates "IDEA" is our Integrated Design Execution Approach.

**Integrated** - we want our clients, contractors and end users engaged in the process of design. When the right people are involved, accessing the best information, good decisions are made.

**Design Execution**- refers to how we develop and optimize your project. We focus on the questions that have the most impact. We assign the right staff with the right tools

**Our Approach**- recognizes that projects are constantly changing and evolving as the project progresses. We tailor a plan for the project objective, maintain and monitor it so it remains optimized to achieve project goals, faster.

Pickering Associates' Integrated Design Execution Approach - our "IDEA", is a big deal, and will help your project be successful.

Building Information Modeling is a process that aligns to all aspects of our "IDEA". It is integrated, allowing easy access to project information. The software we use help understand the proposed design, coordinate, and identify the critical problems that need answers. Most importantly, Building Information Modeling is a process that fits with our Approach. Allowing the project team to evolve seamlessly as more information is available and new stakeholders are brought onto the team.

Efficient visual communication and an in-depth design understanding are the greatest assets that BIM brings to the table at Pickering Associates. The composite model allows our team to accelerate project development and simplify conversations during design reviews. Having the capability to visualize all of the design models together in a single review session aides both inter- and intra-department collaboration with all

Project stakeholders like never before. Capturing all client and designer comments and feedback within a 3D model live during a review session saves countless hours of paging through "redlines" generated from traditional 2D physical paper reviews. The added capacity to search and export reports of these digital comments allows our team to capture and track design communications more efficiently than ever before.

Pickering Associates has invested in state-of-the-art 3D Scanning technologies to more quickly and accurately document existing site conditions. This helps our design teams capture existing site data in more detail and in a format the blends well with our 3D modeling and BIM work flows.

This tool allows us to send a small scanning team into an existing building/space and digitize the as-built conditions of the area in three dimensions, including detailed color photographs throughout the scanned area for design teams to reference throughout the project. This data capture implementation is safer and more efficient for our designers. It reduces the time and equipment needed for traditional hand-measuring that our industry has been accustomed to throughout the years. Granting our designers the ability to measure from a 360 degree image or point cloud with higher accuracy and faster than field measurements.

Building Information Modeling is a process that starts at integrating the team, provides access to project information, incorporates tools to understand design execution, and allows teams to focus on what matters most for the project. It perfectly complements Pickering's Integrated Design Execution Approach, and we can't wait to show you BIM and our "IDEA"s!



# PAST PROJECTS

\* More Project examples available upon request

## **City of Marietta**

### **Marietta, OH**

Phase 1,2,3 Marietta City Hall Renovations  
City Hall Roof Replacement  
Armory Structural & Reroofing  
Duckbill Outfall  
Water Treatment Plant Solids Contact Tank Painting  
North Hills Elevated Water Tank  
Channel Lane Culvert  
Harmar & 676 Elevated Water Tanks  
Sherry Dr/Hadley Ln Water LN Replacement  
Additional Survey-Sherry Dr/Hadley Water  
Greene ST/Colegate Dr Waterline Replacement  
Armory Ground Floor Renovations  
Marietta Waste Water Treatment Plant Phase 2 Services  
Armory Elevator

## **City of Parkersburg**

### **Parkersburg, WV**

Engineering Assistance with Boiler I  
Old Sumner School Site and Building Evaluation  
Downtown Electrical Lighting Design  
Emerson New Fire Station Design & Construction  
Administration  
Covert Street New Fire Station Design & Construction  
Administration  
Liberty Street New Fire Station Design  
City of Parkersburg Master Planning Design

## **City of Vienna**

### **Vienna, WV**

New Building Addition for Police Phase 1&2  
Police Department Redesign  
New Senior Center Addition

## **Vienna Volunteer Fire Department**

### **Vienna, WV**

Vienna Volunteer Fire Station Addition  
Police Station Generator Renovation

## **HAPCAP**

### **Athens, Hocking, Perry, OH**

South East Ohio Foodbank Freezer  
Elevator Addition

## **Parkersburg Utility Board**

### **Parkersburg, WV**

Repair Martown Reservoir Communication  
Add radio & PLC to Pettyville site  
Quincy Street SCADA

## **Putnum Water Corporation**

### **Marietta, OH**

Pump Controls Call-Out  
Solar Panel Call-out 10/2010  
New Water Plant SCADA Installation  
Additional Water Plant SCADA Installation  
Robinson Road Waterline  
Chevy Chase Manor Water Line

## **West Virginia Department of Natural Resources**

### **Charleston, WV**

Chief Logan Pump  
New District 6 Office Design

## **West Virginia Army National Guard**

### **Charleston, WV**

Kenova Vehicle Exhaust HVAC Upgrades  
Camp Dawson Building 215 Windows and Door  
Replacements  
Camp Dawson Rappel Tower Renovation  
Camp Dawson Structural Repairs

## **Parkersburg & Wood County Library**

### **Parkersburg, WV**

Library Sign Foundation  
Emerson Library Roof Replacement  
Emerson Library Renovation & New Entry Addition

## **Lubeck Utility Board**

### **Lubeck, WV**

Troubleshooting Device Net  
Lookout HMI to Panelview SE Display  
Install Pressure Filtration Sys PLC

## **Athens County Engineer**

### **Athens, OH**

Office Generator



# HONDA, MAZDA, VOLKSWAGEN DEALERSHIP SITE EVALUATION

## PROJECT SPECS:

PROJECT COST  
PRIVATE

SQUARE FOOTAGE  
38,000 SF

DESIGN COMPLETION  
JANAURY 2015

CONSTRUCTION COMPLETION  
TBD

## SERVICES PROVIDED

CIVIL  
PROJECT MANAGEMENT

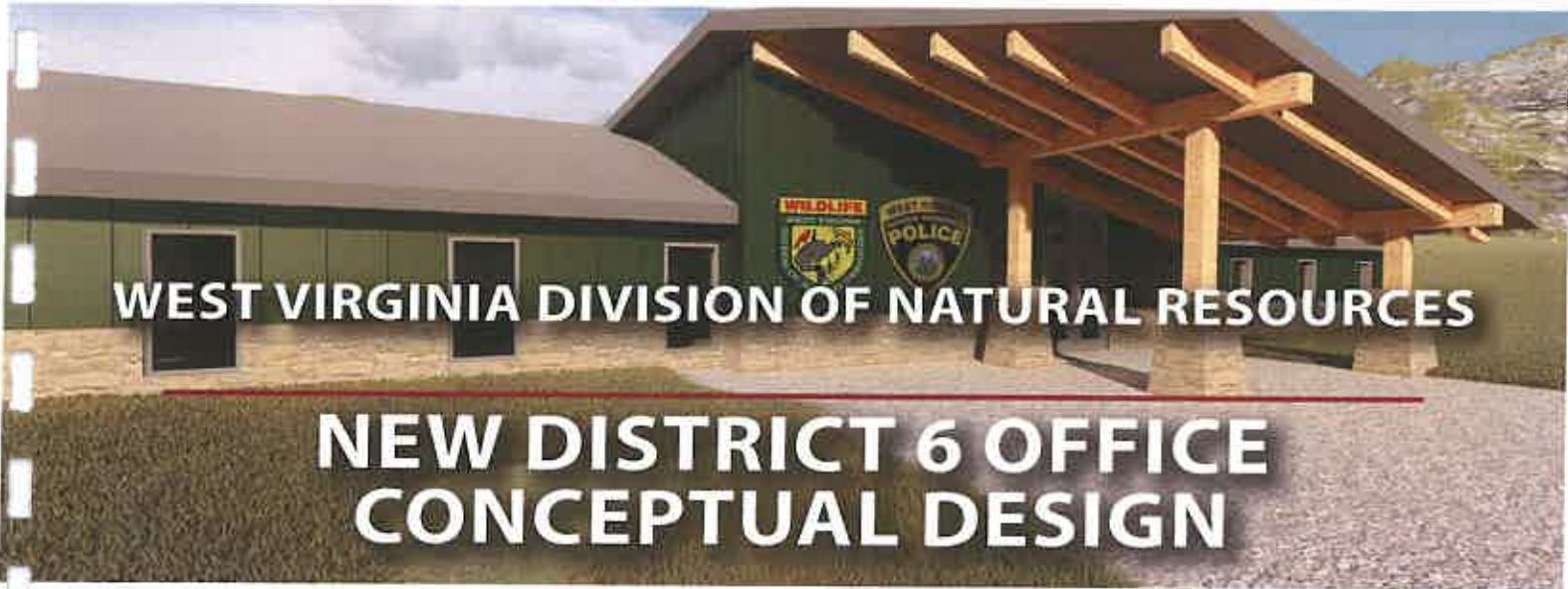
## CLIENT CONTACT

DOUG EMERT  
ARCHITECT  
P) 614-378-2384

Pickering Associates partnered with Ricop Construction to design a new car dealership for Larry Simmons Auto Group in Parkersburg, WV. The project was based on a conceptual site plan and planned to be constructed in two phases. Pickering Associates provided the civil engineering services.

The first step was limited topographical surveys of the area to confirm original topographical and utility information. The team then provided detailed site layout for both phases including buildings, sidewalks, landscaping areas driveways and parking.

After providing the detailed site layout, the team worked to coordinate the proposed design with respective utility providers. They also worked to generate grading plans and stormwater designs. These designs would be used to gather permits from City of Parkersburg and West Virginia DEP for construction. Final drawings were issued to the owner and upon review, value engineering was performed on the site to reduce overall construction costs of the project. At this time, the owner switched from Ricop Construction as the architect to Bastian & Harris to lead the value engineering efforts. The project was bid and awarded, but to date has not been fully constructed. In order to meet elevation constraints, retaining walls and a dual-level approach was to be utilized to fully maximize parking spaces and meet the demands of Honda / Mazda.



# WEST VIRGINIA DIVISION OF NATURAL RESOURCES

## NEW DISTRICT 6 OFFICE CONCEPTUAL DESIGN

**PROJECT SPECS:**

**PROJECT COST**  
\$20,000

**SQUARE FOOTAGE**  
6,480 SF & 7,000 SF

**DESIGN COMPLETION**  
DECEMBER 2018

**CONSTRUCTION COMPLETION**  
N/A

Pickering Associates worked with the West Virginia Division of Natural Resources (WVDNR) to preform conceptual design services for developing a 64 acre site along Emerson Avenue in Parkersburg, W.Va. The WVDNR wished to determine the feasibility for and probable construction costs that would be associated with developing the site for their District 6 operations. Pickering performed conceptual design services to assist the Client in obtaining funding for the project.

The conceptual design included development of a new office building and a separate building for labs, storage and shop space. The office building included a lobby, reception area, twenty offices for both Wildlife and Law, a large conference room, an evidence room, storage, restrooms, and miscellaneous support spaces. Pickering Associates provided a topographical survey of the property, a high-level conceptual site/grading plan, conceptual floor plans for each building, an exterior rendering of the proposed main office building, and a high-level opinion of probable construction costs. Utility companies were also contacted to obtain preliminary information regarding utility coordination and to better understand challenges and issues that may need to be addressed for the project.

### SERVICES PROVIDED

- ARCHITECTURE
- BIM DESIGN
- PROJECT MANAGEMENT

### CLIENT CONTACT

BRAD LESLIE  
CHIEF ENGINEER  
P) (304) 558-2764  
E) BRAD.S.LESLIE@WV.GOV







# OHIO DEPARTMENT OF TRANSPORTATION

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# FULL SERVICE MAINTENANCE FACILITY

# MONROE COUNTY, OHIO

## PROJECT SPECS:

### PROJECT COST

\$9 M

### SQUARE FOOTAGE

N/A

### DESIGN COMPLETION

APRIL 2018

### CONSTRUCTION COMPLETION

OCTOBER 2019

## SERVICES PROVIDED

ARCHITECTURE

CIVIL

ELECTRICAL

MECHANICAL

STRUCTURAL

CONSTRUCTION MANAGEMENT

## CLIENT CONTACT

DWIGHT NEELY, PROGRAM ADMINISTRATOR

ODOT STATEWIDE FACILITIES OPERATIONS

P) (614) 466-4108

E) DWIGHT.NEELY@DOT.OHIO.GOV

Pickering Associates is working with the Ohio Department of Transportation and OFCC on a Full-Service Maintenance Facility in Monroe County in Southeastern Ohio. This facility includes a truck storage building with an administrative section and a mechanical services section, a cold storage structure, a salt storage structure, a material storage structure, an 8,000 gallon above ground fuel storage tank, a vehicle wash bay, and a brine/calcium system. This project is located at an existing DOT site and included demolition of existing structures.

This project required that a Program of Requirements (POR) be developed in close conjunction with ODOT to determine the requirements for the project. This facility required site circulation for trucks and semi trucks, for ODOT's trucks and equipment to maneuver the site. The project was designed as separate bid packages for each structure to aid in the permitting process. Due to low water pressure at the site, a fire water tank and pump was also included in the design to ensure proper water fire water capabilities. Additionally, the site required a utility fence surrounding the entire property as well as two automated gates and two man gates for pedestrian access onto the facility.

Our team provided full architectural, mechanical, electrical, plumbing, structural, and civil engineering design as well as environmental engineering, surveying, and construction administration services. We are managing the construction photography services and quality assurance & testing services during construction.





# OHIO DEPARTMENT OF TRANSPORTATION

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# FULL SERVICE MAINTENANCE FACILITY

# WASHINGTON COUNTY, OHIO

## PROJECT SPECS:

### PROJECT COST

\$9 M

### SQUARE FOOTAGE

N/A

### DESIGN COMPLETION

APRIL 2018

### CONSTRUCTION COMPLETION

NOVEMBER 2019

## SERVICES PROVIDED

ARCHITECTURE

CIVIL

ELECTRICAL

MECHANICAL

STRUCTURAL

CONSTRUCTION MANAGEMENT

## CLIENT CONTACT

DWIGHT NEELY, PROGRAM ADMINISTRATOR

ODOT STATEWIDE FACILITIES OPERATIONS

P) (614) 466-4108

E) DWIGHT.NEELY@DOT.OHIO.GOV

Pickering Associates is working with the Ohio Department of Transportation and OFCC on a Full-Service Maintenance Facility in Washington County in Southeastern Ohio. This facility includes a truck storage building with an administrative section and a mechanical services section, a cold storage structure, a salt storage structure, a material storage structure, an 8,000 gallon above ground fuel storage tank, a vehicle wash bay, a decanting area, and a brine/calcium system. This project is located at an existing DOT site and included demolition of existing structures. Also included in this project was the renovation of an existing maintenance building to be converted into the District's testing lab facility.

This project required that a Program of Requirements (POR) be developed in close conjunction with ODOT to determine the requirements for the project. This facility required site circulation for trucks and semi trucks, for ODOT's trucks and equipment to maneuver the site. The project was designed as separate bid packages for each structure to aid in the permitting process. Additionally, the site required a utility fence surrounding the entire property as well as two automated gates and two man gates for pedestrian access onto the facility.

Our team provided full architectural, mechanical, electrical, plumbing, structural, and civil engineering design as well as environmental engineering, surveying, and construction administration services. We are managing the construction photography services and quality assurance & testing services during construction.



# OHIO DEPARTMENT OF TRANSPORTATION

## FULL SERVICE MAINTENANCE FACILITY

### VINTON COUNTY, OHIO

#### PROJECT SPECS:

##### PROJECT COST

\$9 M

##### SQUARE FOOTAGE

N/A

##### DESIGN COMPLETION

APRIL 2018

##### CONSTRUCTION COMPLETION

JANUARY 2020

#### SERVICES PROVIDED

ARCHITECTURE

CIVIL

ELECTRICAL

MECHANICAL

STRUCTURAL

CONSTRUCTION MANAGEMENT

#### CLIENT CONTACT

DWIGHT NEELY, PROGRAM ADMINISTRATOR

ODOT STATEWIDE FACILITIES OPERATIONS

P) (614) 466-4108

E) DWIGHT.NEELY@DOT.OHIO.GOV

Pickering Associates is working with the Ohio Department of Transportation and OFCC on a Full-Service Maintenance Facility in Vinton County in Southeastern Ohio. This facility was designed in response to a fire that destroyed one of the buildings at their existing facility. A new site was obtained by ODOT and the design of the facility includes a truck storage building with an administrative section and a mechanical services section, a cold storage structure, a salt storage structure, a material storage structure, an 8,000 gallon above ground fuel storage tank, a vehicle wash bay, and a brine/calcium system.

This project required that a Program of Requirements (POR) be developed in close conjunction with ODOT to determine the requirements for the project. This facility required site circulation for trucks and semi trucks, for ODOT's trucks and equipment to maneuver the site. A two-tier site plan was developed to work with the slope of the existing grading and to minimize costs. The project was designed as separate bid packages for each structure to aid in the permitting process. Additionally, the site required a utility fence surrounding the entire property as well as two automated gates and two man gates for pedestrian access onto the facility.

Our team provided full architectural, mechanical, electrical, plumbing, structural, and civil engineering design as well as environmental engineering, surveying, and construction administration services. We are managing the construction photography services and quality assurance & testing services during construction.



# SPENCER KIMBLE, P.E.

CIVIL ENGINEERING DEPARTMENT MANAGER  
PROJECT MANAGER  
CIVIL ENGINEER

## BACKGROUND:

### EDUCATION

WEST VIRGINIA UNIVERSITY  
B.S. CIVIL ENGINEERING

MARSHALL UNIVERSITY  
M.S. ENGINEERING MANAGEMENT

### LICENSES

PROFESSIONAL ENGINEER  
WV, OH

### YEARS EXPERIENCE

13 YEARS

A SHIP IN PORT IS SAFE,  
BUT THAT IS NOT WHAT  
SHIPS ARE FOR. SAIL OUT  
TO SEA AND DO NEW  
THINGS.

Rear Admiral Grace Hopper

- Civil Engineer for approximately 3,925 linear foot waterline and meter replacement in Devola, Ohio.
- Civil Engineer for approximately 2 miles of new waterline and sewer line installation in Williamstown, W.Va.
- Civil Engineer for approximately 4,600 linear foot of waterline and meter replacement in Marietta, Ohio.
- Project Manager and Civil Engineer for over 40 horizontal drilling locations throughout W.Va. and Ohio.
- Construction manager for multiple oil and gas projects throughout Ohio and West Virginia.
- Lead Civil Engineer for the design of \$1.8M physical therapy administrative building on Parkersburg, West Virginia.
- Lead Civil Engineer for the design of two medical office buildings totaling approximately 30,000 SF near the traffic circle in Parkersburg, W.Va.
- Lead Civil Engineer for renovation and reconstruction of a caustic tank loading/unloading facility at a local chemical plant.
- Lead Civil Engineer for construction of an mobile tank farm at a local chemical plant.
- Civil Engineer for three new \$8M ODOT Full Service Maintenance Facilities state DOT operations.
- Civil Engineer for the addition of a new Emergency Department to a hospital in Parkersburg, W.Va.
- Civil Engineer for the addition of a new Chiller Plant to a hospital in Huntington, W.Va.
- Construction manager for multiple oil and gas projects throughout Ohio and West Virginia.





## DAVID BOGGS, P.E.

EXECUTIVE VICE PRESIDENT OF DESIGN  
SENIOR MECHANICAL ENGINEER,  
SENIOR PLUMBING ENGINEER

### BACKGROUND:

#### EDUCATION

MARSHALL UNIVERSITY  
M.S. ENGINEERING MANAGEMENT

VIRGINIA TECH.  
B.S. MECHANICAL ENGINEERING

#### LICENSES

PROFESSIONAL ENGINEER  
WV & OH

#### YEARS EXPERIENCE

23 YEARS

- Project Manager and Plumbing Engineer of record for the MEP services on a \$25MM high-rise dormitory in Glenville, W.Va.
- Project Manager and Plumbing Engineer of record for a dual boiler system replacement to a school in Parkersburg, W.Va.
- Project Manager and Plumbing Engineer of record for a potable water system repair in an elementary school in Vienna, W.Va.
- Project Manager for the conversion of a multi-unit HVAC system into a more efficient single unit system on a university campus in Parkersburg, W.Va.
- Project Manager and Lead Mechanical/Plumbing Engineer for multiple dormitory bathroom renovation projects at a college in Marietta, Ohio.
- Project Manager and Lead Mechanical Engineer for multiple projects at Ohio University in Athens, Ohio.
- Lead Mechanical/Plumbing Engineer of record for a new \$7MM medical office facility in Parkersburg, W.Va.
- Lead Mechanical/Plumbing Engineer of record for a \$1MM medical/dental office facility in Parkersburg, W.Va.
- Lead Mechanical/Plumbing Engineer of record on the design of a new science facility on a university campus in Vienna, W.Va.
- Lead Plumbing Engineer of record for a new 5,400 sq. ft. medical office building located in Belpre, Ohio.
- Lead Mechanical/Plumbing Engineer for a new medical facility located in Marietta, Ohio.

DETERMINE THAT THE  
THING CAN AND SHALL  
BE DONE, AND THEN WE  
SHALL FIND THE WAY.

Abraham Lincoln





## JEFFREY HOSEK, P.E. LEED AP

MECHANICAL ENGINEER  
LEED PROJECT ENGINEER  
MECHANICAL ENGINEERING DEPARTMENT MANAGER

### BACKGROUND:

#### EDUCATION

UNIVERSITY OF AKRON  
B.S. MECHANICAL ENGINEERING

#### LICENSES

PROFESSIONAL ENGINEER  
WV, OH, KY, PA, LA, VA, MN  
LEED AP (BD&C)

#### YEARS EXPERIENCE

21 YEARS

SOMETIMES THE QUESTIONS ARE COMPLICATED AND THE ANSWERS ARE SIMPLE.

Dr. Seuss

- LEED Commissioning Project Manager on a design/build project for Washington Electric Cooperative in Marietta, Ohio.
- LEED Commissioning Project Manager for Kent State University which included a complete renovation to the fine arts building.
- LEED Mechanical engineer for a new 500,000 square foot distribution center and administration building for Honda American Motors.
- LEED Project Manager for converting a downtown Columbus, Ohio fire station into a local family health center.
- Mechanical Engineer for a new FBI field office in Cleveland, Ohio.
- Mechanical engineer for a new two story annex to the Vienna Volunteer Fire Department in Vienna, West Virginia.
- Mechanical Engineer of record for the design of a new \$25M high-rise dormitory at Glenville State College, in Glenville, W.Va.
- Project Manager performing an intense study to assess redundant cooling to Ohio University's Computer Center in Athens, Ohio.
- Lead Mechanical Engineer for an area of the hospital to be leased by a Physical Therapy provider.
- Project Manager and Mechanical Engineer for a new medical office building for O'Bleness Hospital in Athens, Ohio.



# CARL HENSON, P.E.

ELECTRICAL DEPARTMENT MANAGER  
ELECTRICAL ENGINEER

## BACKGROUND:

### EDUCATION

NEW JERSEY INSTITUTE OF TECHNOLOGY

M.S. ELECTRICAL ENGINEERING

WEST VIRGINIA INSTITUTE OF TECHNOLOGY

B.S. ELECTRICAL ENGINEERING

### LICENSES

PROFESSIONAL ENGINEER

W.VA., OHIO, PA., IN., LA.

### YEARS EXPERIENCE

31 YEARS

- Responsible for the electrical design and auditing of safety systems in industrial and commercial facilities.
- Trained by the National Fire Protection Association (NFPA) in evaluation of industrial hazardous area classification for flammable liquids and vapors, NFPA 497, and combustible dust, NFPA 499.
- Responsible for evaluation of industrial process documentation and determination of area classification for both hazardous vapors and dust.
- Over 15 year of hazardous area review and classification at local industries such as KRATON Polymers, American Styrenics, Solvay Specialty Polymers, Markwest, Zoetis and other industrial and commercial clients.
- Trained by NFPA 70E Electrical Safe Work Practices.
- Over 15 year experience in utilizing SKM Power Tools software for electrical system modeling to produce short-circuit, arc-flash, coordination and equipment evaluation studies for industrial and commercial applications.
- Over 15 of experience in developing NFPA 70E compliant arc-flash tags and training of qualified and non-qualified personnel for industrial and commercial safety programs.
- Responsible for electrical design for several oil and gas production facilities, including design of site power services, distribution and control wiring.
- Lead Electrical Engineer in designing high voltage (138-69kV) substations.
- Lead Electrical Engineer for a new 69 kV substation at a barge unloading facility in South Point, Ohio.
- Lead Electrical Engineer for a proposed new 138 kV substation at a solar silica manufacturer in Caldwell, Ohio.

ONE MAN'S 'MAGIC' IS ANOTHER MAN'S ENGINEERING.  
'SUPERNATURAL' IS A NULL WORD.

Robert A Heinlein



## ERIC SMITH, PE

DEPARTMENT MANAGER  
STRUCTURAL ENGINEER

### BACKGROUND:

#### EDUCATION

MARSHALL UNIVERSITY  
M.S. ENGINEERING MANAGEMENT  
WEST VIRGINIA UNIVERSITY  
B.S. CIVIL ENGINEERING

#### LICENSES

PROFESSIONAL ENGINEER  
WV & OH

#### YEARS EXPERIENCE

14 YEARS

PERFECTION IS NOT AT-  
TAINABLE, BUT IF WE  
CHASE PERFECTION WE  
CAN CATCH EXCELLENCE.

Vince Lombardi

- Structural Engineer on Eureka Hunter Pipeline, L.L.C. Low Water Crossing.
- Civil Engineer on several projects for the City of Marietta, Ohio.
- Generated detailed engineering drawings, quantities, and material estimates for bridge replacements for various counties in Ohio.
- Reviewed drawing designed for The Point Commercial Park for Lawrence Economic Development Corporation.
- Reviewed structural drawings for a new addition of the Holzer Clinic and evaluated adequacy of the structural members and connections.
- Senior Project Manager and Structural Engineer of Record for Catwalk repairs at Ohio University in Athens, Ohio.
- Structural Engineer of Record for NESHAP improvements at Eramet Marietta, Inc.
- Structural Engineer of Record for the Ohio Department of Transportation Facility of Washington County, Ohio.
- City of Marietta City Hall Renovations, Marietta, Ohio.
- City of Marietta Wastewater Treatment Plant Renovations, Marietta, Ohio.
- Marietta City Armory Renovations, Marietta, Ohio.
- Bridge Project for Orion.
- General Projects for Local Industrial Plants.
- Roof and Elevator Project for Christ United Methodist Church Marietta, Ohio.





## RONALD ARNOLD

SENIOR CONSTRUCTION ADMINISTRATOR  
CONSTRUCTION ESTIMATOR

### BACKGROUND:

YEARS EXPERIENCE  
46 YEARS

#### DUTIES

PROJECT ADMINISTRATION  
ARCHITECTURAL DESIGN  
PROJECT ESTIMATING  
CONSTRUCTION MANAGEMENT

- Project Manager for the design and construction of a new annex for Fire Department in Vienna W.Va.
- Project Manager/Estimator for the Marietta Levee Seating and Monument Project.
- Project Manager for the construction of a new full service branch bank in Marietta, Ohio.
- Project Manager for the historical renovation of a four story 100 year old building on a college campus in Marietta, Ohio.
- Project Manager for the renovation of a two story 100 year old library in Marietta, Ohio.
- Project Manager for the construction of a 12,000 sq ft addition on a nursing home in Marietta, Ohio.
- Project Manager for the design and construction of a 4,500 sq ft addition on an athletic facility on a college campus in Marietta, Ohio.
- Project Manager for the design and construction of a multiple building apartment complex in Marietta, Ohio.
- Project Manager for the construction of a two new branch libraries in Washington County, Ohio.
- Project Manager for the construction of an addition to a long-standing funeral home in Belpre, Ohio.
- Project Manager for the construction of a Design-Build Office Addition on the warehouse roof at a Chemical Company in Marietta, Ohio.
- Project Manager for the construction of a new Applications Lab Addition for a Chemical Company in Marietta, Ohio.
- Project Manager for the construction of a new full service branch bank in Marietta, Ohio.
- Project Manager for the construction of a 12,000 sq ft addition on a nursing home in Marietta, Ohio.
- Project Manager for the design and construction of a 4,500 sq ft addition on an athletic facility on a college campus in Marietta, Ohio.

REAL SUCCESS IS FINDING  
YOUR LIFEWORK IN THE  
WORK THAT YOU LOVE.

David McCullough



## WILLIAM SHOWALTER, PS

SURVEYING DEPARTMENT MANAGER  
PROFESSIONAL SURVEYOR

### BACKGROUND:

#### EDUCATION

B.S., CIVIL ENGINEERING

#### LICENSES

PROFESSIONAL SURVEYOR  
WV OH

#### YEARS EXPERIENCE

22 YEARS

- Lead Surveyor for Marietta Waste Water Treatment Plant
- Lead Surveyor for City of Marietta Waterline Expansion Projects
- Lead Surveyor on First Colony Center commercial development, Marietta, Ohio.
- Lead Surveyor for MPH Hotels Comfort Suites project.
- Lead Surveyor for Ohio University Steam Plant Line Expansion project.
- Lead Surveyor for Bens Run Industrial Park Teal Alloy Facility
- Lead Surveyor for City of Marietta Green Street Widening Project.
- Lead Surveyor for new Masonic Lodge 36th Street
- Lead Surveyor for Newberry Apartments
- Lead Surveyor for City of Vienna Pond Run Alignment
- Lead Surveyor for City of Vienna Johns Manville Acquisition
- Lead Surveyor for City of Vienna Carbon Unit Additions
- Lead Surveyor for Harbor Point Marina and Business Park
- Lead Surveyor for Courtyards Addition to Williamstown
- Lead Surveyor for The Fields Addition to Williamstown
- Lead Surveyor for Donatos Pizza Marietta Facility
- Lead Surveyor for City of Marietta Alley Reconstruction Projects
- Lead Surveyor for City of Marietta Nelson Property Acquisition

WE ALL LIVE UNDER THE  
SAME SKY, BUT WE DON'T  
ALL HAVE THE SAME  
HORIZON.

Konrad Adenaur



# REFERENCES



**GRAE-CON**

**Grae- Con Construction**  
Marietta, Ohio

Robert Gribben, Jr., President  
(P) (740) 373-0849  
(E)

**Larry Lang Excavating, Inc.**  
Beverly, Ohio

Larry Lang, President  
(P) (740) 984-4750  
(E) doubledozer@lidozer.com



**Mark Mondo- Building and Excavating, Inc.**  
City, Ohio

John H. Anderson, Project Manager, Business Development  
(P) (740) 376-9396  
(E) john@mondobuilding.com



**City of Marietta**  
Marietta, Ohio

Joseph Tucker, P.E., City Engineer  
(P) (740) 373-5495  
(E)



ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION  
NO.: CEOI 0310 DNR2000000005

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

- |   |  |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6  |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7  |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8  |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9  |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Pickering Associates  
Company

*Francis J. Datto*  
Authorized Signature

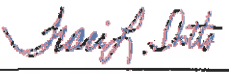
February 19, 2020  
Date

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.

Traci Stotts, VP Marketing  
(Name, Title)  
Traci Stotts, VP Marketing  
(Printed Name and Title)  
11283 Emerson Avenue; Parkersburg, WV 26104  
(Address)  
Phone Number: 304-464-5305 Fax Number: 304-464-4428  
(Phone Number) / (Fax Number)  
tstotts@pickeringusa.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 herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Pickering Associates  
(Company)  
 VP of Marketing  
(Authorized Signature) (Representative Name, Title)

Traci L. Stotts, VP Marketing  
(Printed Name and Title of Authorized Representative)

February 19, 2020  
(Date)

Phone Number: 304-464-5305 Fax Number: 304-464-4428  
(Phone Number) (Fax Number)

STATE OF WEST VIRGINIA  
Purchasing Division  
**PURCHASING AFFIDAVIT**

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

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

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

Vendor's Name: Pickering Associates

Authorized Signature: *Travis Datto* Date: February 19, 2020

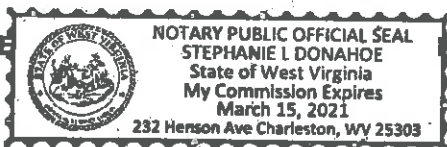
State of West Virginia

County of Wood, to-wit:

Taken, subscribed, and sworn to before me this 19 day of February, 2020

My Commission expires March 15<sup>th</sup>, 2021.

AFFIX SEAL HERE



NOTARY PUBLIC

*Stephanie L. Donahoe*



West Virginia Ethics Commission  
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Contracting Business Entity: Pickering Associates Address: 11283 Emerson Avenue

Parkersburg, WV 26104

Authorized Agent: Traci L. Stotts, AIA Address: Same as above

Contract Number: CEOI 0310 DNR2000000005 Contract Description: Engineering/Architectural Services

Governmental agency awarding contract: West Virginia Department of Natural Resources

Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

Check here if none, otherwise list entity/individual names below.

Ryan Taylor

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

Check here if none, otherwise list entity/individual names below.

Signature: Traci Stotts

Date Signed: February 19, 2020

Notary Verification

State of West Virginia, County of Wood:

I, Traci Stotts, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 19th day of February, 2020.

Stephanie L. Donahoe  
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: \_\_\_\_\_

Date submitted to Ethics Commission: \_\_\_\_\_

Governmental agency submitting Disclosure: \_\_\_\_\_

