

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1008063
Procurement Type: Central Contract - Fixed Amt
Vendor ID: 000000203864
Legal Name: S & S ENGINEERS INC
Alias/DBA:
Total Bid: $0.00
Response Date: 03/16/2022
Response Time: 14:32
Responded By User ID: ssengineers
First Name: Jessie
Last Name: Parker, Jr.
Email: jop@s-s-eng.com
Phone: 304-342-7168

SO Doc Code: CEOI
SO Dept: 0310
SO Doc ID: DNR2200000008
Published Date: 2/24/22
Close Date: 3/17/22
Close Time: 13:30
Status: Closed
Solicitation Description: A&E - Ridge Hatchery New Construction
Total of Header Attachments: 1
Total of All Attachments: 1

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

State of West Virginia
Solicitation Response

Proc Folder:	1008063
Solicitation Description:	A&E - Ridge Hatchery New Construction
Proc Type:	Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2022-03-17 13:30	SR 0310 ESR03162200000005673	1

VENDOR

000000203864
S & S ENGINEERS INC

Solicitation Number: CEOI 0310 DNR2200000008

Total Bid: 0 **Response Date:** 2022-03-16 **Response Time:** 14:32:55

Comments:

FOR INFORMATION CONTACT THE BUYER
Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Civil engineering				

Comm Code	Manufacturer	Specification	Model #
81101500			

Commodity Line Comments: Engineering Proposal

Extended Description:

Ridge Hatchery New Construction.

March 15, 2022

S&S ENGINEERS
501 Eagle Mountain Road
Charleston, WV 25311
304.342.7168

507 Richland Ave, Suite 201
Athens, OH 45701
740.447.5000

West Virginia Division of Natural Resources
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
Attn: Mr. Josh Hager
2019 WASHINGTON ST E,
Charleston, WV 25305

Re: A/E Services – Ride Hatchery New Construction,
CEOI 0310 DNR2200000008

To Mr. Hager:

We are pleased to submit our expression of interest for providing professional services for the above referenced project.

S & S Engineers, Inc. (S & S) is a highly qualified and experienced environmental / civil engineering firm providing services for municipal, federal, state, industrial and commercial clients throughout the States of West Virginia, Ohio, Virginia, Kentucky.

S & S provides similar services to the Kanawha County Commission, Nitro Regional Wastewater Utility, Town of Fort Gay, Town of Reedy, City of Sistersville, Kanawha PSD, etc.

For over 41 years S & S has a history of completing projects on time, under budget and without any successful litigation against us or our client, a record no other firm can match in West Virginia.

We would appreciate an opportunity to present our detailed qualifications at a mutually convenient date and time.

Please call if you have any questions or need further information.

Sincerely,

Christopher Burford – COO
S & S Engineers, Inc.

Enclosures

The Division of Natural Resources

Request For
Statements of Qualification
For
Architectural/Engineering Services
For
Ridge State Fish Hatchery
Facility Wide Improvement and Renovation Project

March 2022

Presented by:

S & S Engineers, Inc.
501 Eagle Mountain Road
Charleston, WV 25311
(304) 342-7168

507 Richland Avenue, Suite 201
Athens, OH 45701
(740) 447-5000

New River Engineering, Inc.
202 School Drive
Shrewsbury, WV 25015
(304) 595-3290

156 Woodrow Avenue, Suite 2A
St. Clairsville, OH 43950
(740) 695-9977

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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 1008063 **Doc Description:** A&E - Ridge Hatchery New Construction **Proc Type:** Central Contract - Fixed Amt			**Reason for Modification:**
Date Issued	**Solicitation Closes**	**Solicitation No**	**Version**
2022-02-24	2022-03-17 13:30	CEOI 0310 DNR2200000008	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : S&S Engineers, Inc.

Address : 501 Eagle Mountain Road

Street :

City : Charleston

State : WV **Country :** USA **Zip :** 25311

Principal Contact : Christopher Burford

Vendor Contact Phone: (304) 342-7168 **Extension:**

FOR INFORMATION CONTACT THE BUYER

Joseph E Hager III
(304) 558-2306
joseph.e.hageriii@wv.gov

Vendor Signature X  **FEIN#** 55-0601971 **DATE** 3/15/22

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

ADDITIONAL INFORMATION

The Acquisitions and Contract Administration Section of the Purchasing Division is soliciting Expression(s) of Interest for The Division of Natural Resources from qualified firms to provide architectural/engineering services as defined herein. The mission or purpose of the project for which bids are being solicited is to provide necessary engineering, and other related professional services design and specify improvements and renovations to nearly all facilities at the Ridge State Fish Hatchery and other related work. The hatchery is located near Berkeley Springs in Morgan County, West Virginia.

INVOICE TO	SHIP TO
DIVISION OF NATURAL RESOURCES PARKS & RECREATION-PEM SECTION 324 4TH AVE SOUTH CHARLESTON WV 25305 US	DIVISION OF NATURAL RESOURCES RIDGE HATCHERY 12051 VALLEY RD BERKELEY SPRINGS WV 25411 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Civil engineering		

Comm Code	Manufacturer	Specification	Model #
81101500			

Extended Description:
Ridge Hatchery New Construction.

SCHEDULE OF EVENTS

Line	Event	Event Date

	Document Phase	Document Description	Page 3
DNR2200000008	Final	A&E - Ridge Hatchery New Construction	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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.

S & S Engineers, Inc., Christopher Burford, COO

(Name, Title)

Christopher Burford, COO

(Printed Name and Title)

501 Eagle Mountain Road, Charleston, WV 25311

(Address)

(304) 342-7168 / (304) 342-7169

(Phone Number) / (Fax Number)

cburford@nrei-wv.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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

S & S Engineers, Inc.

(Company)



(Authorized Signature) (Representative Name, Title)

Christopher Burford, COO

(Printed Name and Title of Authorized Representative)

03/15/2022

(Date)

(304) 342-7168 / (304) 342-7169

(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 exceed 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: S&S Engineers, Inc.

Authorized Signature: _____ Date: 03/15/2022

State of WV

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 3 day of March, 2022.

My Commission expires September 27, 2026.

AFFIX SEAL HERE

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Felicia Conley
PO Box 643
East Bank WV 25067
My Commission Expires September 27, 2026

NOTARY PUBLIC Felicia Conley



S & S Engineers, Inc.
SOQ for WVDNR
Engineering Services

New River Engineering, Inc.

WVDNR
Architectural/Engineering Services for
Ridge State Fish Hatchery
Facility Wide Improvement and Renovation Project

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WVDNR
Architectural/Engineering Services for
Ridge State Fish Hatchery
Facility Wide Improvement and Renovation Project

EXPRESSION OF INTEREST

S & S Engineers, Inc. (S & S) and New River Engineering Inc. (NREI) is pleased to express our interest in providing engineering, architecture, and surveying services to WVDNR as needed. S & S Engineers was established in 1980 and NREI was established in 1998 giving both companies a combined 60 years of experience. Our team is a West Virginia based civil / environmental engineering firm and is noted for design excellence and client focus. Our team's integrated design approach, our commitment to design quality, as well as our architectural and construction experience will help to ensure the quality of services that we will provide to WVDNR. Below, please find additional qualifications that make our team uniquely qualified to assist you with your potential needs:

We have a history of providing high quality design and engineering management services throughout West Virginia, Kentucky, Ohio and Virginia. This quality has been recognized by the quantity of our repeat clients. We will use our engineering abilities and extensive design experience to aid WVDNR as any need would arise.

As President of our firm, Mr. Jessie O. Parker, Jr., P.E. will lead projects for the County. Mr. Parker has a Bachelor of Science in Civil Engineering from WVU Institute of Technology and a Master of Science in Engineering from Marshall University. Mr. Parker has a vast amount of experience working in the municipal market and has spent his entire career in the utility / infrastructure sector of engineering. Mr. Parker will be assisted by Matt Shelton, VP, PM, Mr. Christopher Burford, COO, PM, Mr. Ashok Sanghavi, P.E., DEE, QEP, Mr. Mike Yandrich, P.E., Mr. Randy Crace, P.S., Mr. Charles Kurzyna P.E., P.S., Mr. Charles Strope P.E., and the rest of our staff.

We have the training, experience, and multi-discipline support to meet the needs of our clients. Due to our small size, our Engineers and Architects become well rounded and deeply involved with each Project. Our Engineers and Architects are able to put their heads together to create an excellent working knowledge of projects, creating high quality, personalized, and professional services. We would like to thank you for this opportunity and if we can be of service to you in this matter, please don't hesitate to contact us at (304) 342-7168.

COMPANY PROFILE

S & S ENGINEERS, INC.

S & S Engineers, Inc. is an engineering, surveying, and consulting firm founded in 1980 in Charleston, WV and has been providing quality service to our clients for over 40 years. The firm is currently managed by Mr. Jessie O. Parker, Jr., P.E. - President, Mr. Christopher D. Burford - COO and Mr. Matt Shelton - Vice President. S & S has successfully provided an integrated approach to utility projects for our clients. S & S provides professional services to facility owners and operators, architects, and contractors throughout West Virginia, Kentucky, Ohio, Virginia and North Carolina and many others. S & S services range through all facets of civil engineering design as well as construction administration and project management.

S & S remains committed to the idea of providing high quality, client focused, design solutions that meet budget and schedule requirements. This commitment to quality has been recognized through the long-term client relationships that we have developed. S & S has the qualified professionals available to provide services throughout the duration of a project from the initial planning phases through construction completion and beyond.

S & S utilizes the abilities of designers with many years of experience in their area of expertise, teamed with younger designers on a "best resource for the project approach". We also provide project management services at levels ranging from general oversight to complete project delivery through all phases of design and construction. Our personnel have worked in both the private and public sector and are familiar with many methods of project delivery.

S & S has developed the following philosophy to guide the performance of its services:

- Provide superlative design services to our clients in new construction, improvements, and daily operations.
- Perform work in a timely, accurate and professional manner.
- Present multiple alternatives and solutions whenever possible.
- Work with our clients to control project costs.
- Be a technical sounding board for our clients in all situations.
- Strive to maintain professional competency through continuing education and training.

S & S utilizes a practical application approach to all projects throughout the design process to provide a well-rounded result. This methodology emphasizes the best overall solution, meeting all the client's needs, instead of just the best technical solution. We believe our small size provides a distinct advantage to our clients and affords us the freedom to easily team with the clients to achieve the overall best possible result.

COMPANY PROFILE

NEW RIVER ENGINEERING, INC.

New River Engineering, Inc. (NREI) is an engineering, surveying, and consulting firm that has been providing quality service to the industries for over 20 years. Mutual respect and trust are the cornerstones in the relationships established and maintained with our clients. NREI strives to perform all work in a professional and cost effective manner, while providing our clients with quality and excellence. NREI primarily serves the coal, oil & gas, timber, and construction industries.

Our staff combines advanced technology with many decades of surveying, mining and engineering experience and includes two professional engineers, one professional surveyor, four degreed engineers, AutoCAD/engineer technicians and ten full time survey crews.

As a full service engineering and surveying firm, NREI can provide a whole host of services to our clients including, but not limited to the following:

- Construction Design
- Construction Management
- Construction Surveying
- Geotechnical Engineering & Drilling Management
- Environmental Permitting (WVDEP, NPDES, OAQ and USACOE)
- Underground / Surface Mine Engineering
- Underground / Surface Mining Surveying
- Civil Site Design / Engineering / Planning
- Drainage Design / Engineering / HECRAS
- Aerial Mapping
- Compaction Testing with Nuclear Density Gauge
- Subsurface Utility Locate Surveys with Ground Penetrating Radar & Pipe and Cable Locators
- Ohio DNR Environmental Permitting
- Oil & Gas Surveying
- Boundary & Property / Topographical Surveying
- GPS RTK & Static Surveying
- Reserve Studies

COMPANY PROFILE

GREEN & ASSOCIATES, LLC

Green and Associates, LLC is located in St. Clairsville, Ohio and is a subsidiary of NREI. Green and Associates, LLC has been providing quality surveying services for over 35 years to the following clients; oil and gas industries, coal industry, industrial, public service district, commercial, and residential. Green and Associates, LLC has established itself as one of the areas' most prestigious surveying firms.

Green & Associates, LLC Services

- Well Pad Plats / Unit Surveys
- Well Pad & Horizontal Boundary Surveying
- Ohio DNR Permitting
- Well Pad Design & layout
- Well Pad As-Built Certifications
- Establishment of Water Line for Drilling Projects
- Sub-Division Design & Layout
- Property Boundary Surveying
- Topographical Surveys
- RTK GPS Surveying
- Construction Stake-Outs
- Drone Aerial Flight Surveys & Photos

GREEN AND ASSOCIATES

SCOPE OF WORK

WVDNR operates the Ridge State Fish Hatchery near Berkeley Springs WV and is currently in the process of obtaining professional services to provide engineering design as well as provide construction contract administration services for significant renovations, improvements and production expansion at this facility.

The WVDNR is requesting the following engineering services to be provided:

1. Review existing plans, conditions and evaluate the site while communicating effectively with the owner to determine a plan that can be implemented in a manner that will minimize disruption and meet all objectives.
2. As a portion of this process outlined in Objective 1, provide all necessary services to design the facilities described in this EOI in a manner that is consistent with The Division of Natural Resources needs, objectives, current law, and current code; while following the plan to design and execute the project within the project budget.
3. Provide Construction Contract Administration Services with competent professionals that ensures the project is constructed and functions as designed

We will provide any other services required by the WVDNR for the implementation of current projects.

PLAN OF APPROACH

S & S Engineers, Inc. (S & S) and New River Engineering Inc. (NREI) are fully aware of the WVDNR's needs, having served various communities in West Virginia for over 41 years. S & S and NREI believes in offering personal services as well as professional services. The following below is a draft approach from project conception through project completion of the services S & S and NREI can provide.

S & S and NREI believes in a team approach for the development of projects. Therefore, our first task will be to meet with WVDNR officials to review existing data, reports, etc., and to ascertain the need of the specific project. Following data gathering, We will then evaluate alternatives and develop a cost-effective proposal that meets existing and future needs of a specific project. Throughout the process, WVDNR officials will be kept informed and involved in all important matters.

S & S and NREI will assist the WVDNR in preparation and submission of any funding application needs. Once the funding has been secured, we will then begin to develop detailed engineering drawings and specifications for the project. As information is gathered, it will be reviewed with WVDNR officials to allow comment and coordination as the project progresses. The project engineer will be involved during all phases of developing a project, obtaining funding, design and construction to assure coordination with WVDNR personnel, and regulatory and funding agencies.

PRELIMINARY ENGINEERING REPORT

Our next task will be the preparation of a Preliminary Engineering Report (PER). Specifically, the report will be organized in accordance with regulatory and funding agency requirements as follows:

1. Introduction and Overview
2. Planning Area and Future Needs
3. Evaluation of the Existing System
4. Proposed Improvements/Upgrades
5. Alternate Solutions
6. Cost Estimates – Capital and O & M
7. Environmental Issues
8. Public Participation
9. Final Plan Selection
10. Implementation

Prior to publication of the final report, all information will be shared and reviewed with WVDNR officials to assure that concerns are addressed.

DESIGN PHASE

S & S and NREI will prepare contract documents including plans and specification conforming to funding agencies requirements. Our design phase will be carried out as follows:

1. Define Existing Conditions
   a. Assemble and evaluate data to eliminate conflicts and redundancy
   b. All major decisions regarding data will be discussed with WVDNR officials. Important data sources include, but are not limited to the following:
      i. WVDNR
      ii. Local Health Department
      iii. WV Department of Environmental Protection
      iv. USDA Rural Development
      v. WV Division of Highways (WVDOH)
      vi. Soil Conservation Service
      vii. U.S. Corps of Engineers
      viii. Local Citizens and Groups

2. Identify Project Work
   a. Evaluate existing data, reports and design drawings, if available
   b. Evaluate existing site
   c. Evaluate environmental aspects
   d. Summarize existing problems and make presentation

3. Preliminary Design
   a. Preliminary layout of proposed project
   b. Land surveys for mapping, rights-of-way, and / or land acquisitions
   c. Coordination with the WVDNR, WVDEP, USDA-RD and WVDOH
   d. Preliminary Cost Estimates
   e. Preliminary review with the County

4. Final Design
   a. Incorporate review comments from the WVDNR, WVDEP, USDA-RD, WVDOH, and other agencies
   b. Prepare detailed specifications and final design report in accordance with state and federal guidelines
   c. Attend public meetings
   d. Prepare final cost estimates
   e. Secure permits from WVDEP, WVDOH, and other agencies
   f. Prepare bid documents
   g. Conduct pre-bid conference
   h. Assist in advertising for bids, attend bid opening and assist in evaluation of bids with recommendations for awarding the construction of the project(s)

CONSTRUCTION PHASE

S & S and NREI will provide the following services during the construction phase of the project:

1. Administrative Services
   a. Assist and advise the WVDNR in the preparation of construction contracts for signature(s)
   b. Issue a "Notice to Proceed" to the appropriate Contractor(s)
   c. Provide consultation and advise the WVDNR during construction
   d. Preparation of elementary and supplementary sketches and / or drawings required to resolve problems arising from actual field conditions encountered
   e. Review and approve shop drawings, diagrams, illustrations, brochures, catalog data, schedules, and samples, results of tests and inspections, other data which the contractor(s) is required to submit, but only for conformance with the design concept of the Project and compliance with the information given in the contract documents
   f. Receive and review maintenance and operating instructions, schedules, guarantees, bond and certificates of inspections which are to be assembled by the contractor(s) in accordance with the contract documents
   g. Review and approve requests for periodic and final payments to the contractor(s)
   h. Issue certificates of completion to the WVDNR for completed construction contracts
   i. Review original drawings and provide to the WVDNR a digital copy on disk and two (2) sets of black line prints of "as-built" plans
   j. Advise the WVDNR whether the project can meet the project performance standards
   k. Attend monthly meetings during the construction period
   l. Represent the WVDNR in technical matters and litigation, if required
   m. Provide engineering services during start-up of the facility
   n. Provide training to WVDNR employees for the operation of the new facility
   o. Provide one (1) year project performance certification

2. Field Services
   a. A Qualified Design Professional will make periodic visits to the site to observe the progress and quality of the executed work, and determine, in general, if the work is proceeding in accordance with the contract documents
   b. Efforts will be directed toward providing assurance to the WVDNR that the completed project will conform to the requirements of the contract documents
   c. Make general monthly construction progress reports to the WVDNR

d. Observe initial operation of the project, or any performance tests as required by the specifications
e. Make final inspection and report on the completed project
f. Advise the WVDNR of any special test or necessary outside services that may be required to assist construction of the project
g. On the date, one (1) year after the initiation of the operation of the project, a Professional Engineer shall certify to the WVDNR whether the project can meet the project performance standards in accordance with requirements for the project

3. Resident Inspection Services During Construction
   a. A Resident Project Representative(s) will be furnished for each construction contract (as a minimum) to provide extensive representation at the project site during the construction phase
   b. Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the Resident Project Representative(s), the WVDNR will be provided further protection against defects and deficiencies in the work
   c. In addition to the general duties outlined above, the Resident Project Representative(s) will:
      i. Observe the installation of approved materials and equipment and construction techniques and procedures in accordance with contract documents
      ii. Aid in public relations activities as the construction progresses through private property
      iii. Monitor the construction schedule and report conditions which may cause delay in completion
      iv. Review contract documents with the contractor's superintendent
      v. Obtain necessary interpretations and transmit them to the contractor
      vi. Consider the contractor's suggestions and recommendations, evaluate them and submit them with recommendations for a final decision
      vii. Attend field meetings as directed and report on the proceedings
      viii. Observe tests required by the contract documents, and record and report test procedures and, where applicable, the results
      ix. Maintain records at the construction site in an orderly manner, including correspondence, change orders, supplementary drawings, requests for payment, and names and addresses of contractors, subcontractors, and principal material suppliers
      x. Keep a journal or log book recording time and activities related to the project, weather conditions, nature and location of work being performed, verbal instructions and interpretations given to the contractor, and specific observations, record any occurrence of work that might result in a claim for a change of

contract sum or contract time, and maintain a list of visitors, their titles, and time and purpose of their visit

xi. Review applications for payment submitted by the contractor and forward them with recommendations for disposition

xii. Prepare a punch list as construction nears completion and inform contractor of items on punch list

xiii. Assist in final inspection of the work

SPECIAL SERVICES

1. Land Surveys
   a. Easements and right-of-way plat maps
   b. Verify existing aboveground and underground utilities
   c. Construction stakeout of proposed improvements of connection with existing utilities

2. Attendance at Public Meetings to represent the WVDNR on technical matters

3. Attendance at Technical Meetings with the WVDNR, DEP, USDA-RD, etc.

4. Furnish technical assistance to the accountant and legal staff

5. Provide technical testimony before courts and / or administrative hearings related to the project

PROJECT EXPERIENCE

1. **Midland Trail Emergency Shelter, Fayette County, WV**
   - **Description:** 25,000 sq. ft. community center upgrade suitable for emergency shelter accommodation space for 150 overnight extended stay with gym, commercial kitchen, showers, restrooms, backup generator, new HVAC, soundproofing, communications, fire suppression and alarm upgrades,

2. **The Plains Fire Station, Athens County, OH**
   - **Description:** 10,000 sq. ft. three bay fire station with full service kitchen, community conference space, dispatcher station, handicap restroom on first level and sleeping rooms, restrooms, showers and exercise room on second level. Truck bay area is two vehicle deep for service vehicles, rescue boat, ambulance and brush vehicles.

3. **Richland Avenue Fire Station, Athens County, OH**
   - **Description:** 7,000 sq. ft. Volunteer facility with three bay vehicle garage, meeting room, small kitchen, personnel equipment storage, restrooms and conference room

4. **Nelsonville Fire Station Master Plan, Athens County, OH**
   - **Description:** 8,000 sq. ft. facility which was designed to be constructed between the Nelsonville City Administrative Building and the new Nelsonville EMS facility. The master plan provided four bay vehicle area, additional sleeping quarters for fire personnel, exercise area and dispatcher office.

5. **Nelsonville SEOMS, Athens County, OH**
   - **Description:** 5,000 sq. ft. EMS facility providing two ambulance vehicle bays, personnel day area, sleeping quarters, kitchen, restrooms and showers.

6. **Hocking County EMS Renovations, Hocking County, OH**
   - **Description:** Renovation of abandoned fire station into a new EMS facility, converting one of the four vehicle bays into a dayroom, kitchen, sleeping quarters, restroom and showers.

7. **Athens County Engineer Depot, Athens County, OH**
   - **Description:** 15,000 sq. ft. facility to provide a service area of county maintenance vehicles, wash bay, vehicle lift, material storage with additional general storage above in the mezzanine area. The building including installation of light shelves providing indirect lighting into the interior of the garage facility. The administration building was also constructed as part of this project and included conference space, restrooms and a public conference area.

PROJECT EXPERIENCE

8. **Putnam County Broad Band, Putnam County, WV**
   - **Description:** Planning, design, and construction management of a Broadband Loop System
   - **Funding Source:** CWSRF
   - **Project Status:** Ongoing

9. **Nitro Regional Wastewater Utility, Kanawha County, WV**
   - **Description:** Planning, design, and construction management of a sewer line extension and construction of a new Belt Filter Press Building and Belt Filter Press.
   - **Funding Source:** WVDEP-CWSRF
   - **Project Cost:** $8,226,840, completed project approximately $100,000 under budget and used savings to upgrade the wastewater treatment plant headworks
   - **Project Status:** Completed 2017

10. **Athens County Sherriff's Office Master Plan, Athens County, OH**
    - **Description:** 20,000 sq. ft. administrative space, deputy quarters, 911 dispatching facility, sleeping quarters, incarceration facility, and evidence storage area.

11. **City of Sistersville, Tyler County, WV**
    - **Description:** Planning, design, and construction management of a new wastewater collection system in the Hanford City area with pump station and related work.
    - **Funding Source:** WVDEP-CWSRF
    - **Project Cost:** $1,100,000, completed project approximately $100,000 under budget and used savings to replace approximately 800 LF of existing sewer line
    - **Project Status:** Completed 2014

12. **City of St. Marys, Pleasants County, WV**
    - **Description:** Planning, design, and construction management of Phase II which included replacement of water and sewer lines in several city blocks, one (1) water storage tank, street paving and related work.
    - **Funding Source:** WVBPH-DWTRF & WVDEP-CWSRF
    - **Project Cost:** $7,740,000, completed project approximately $550,000 under budget and used savings to purchase equipment
    - **Project Status:** Completed 2014

ATHENS COUNTY ENGINEERING DEPOT

Location: Athens, Ohio
SQ. FT. : 15,000

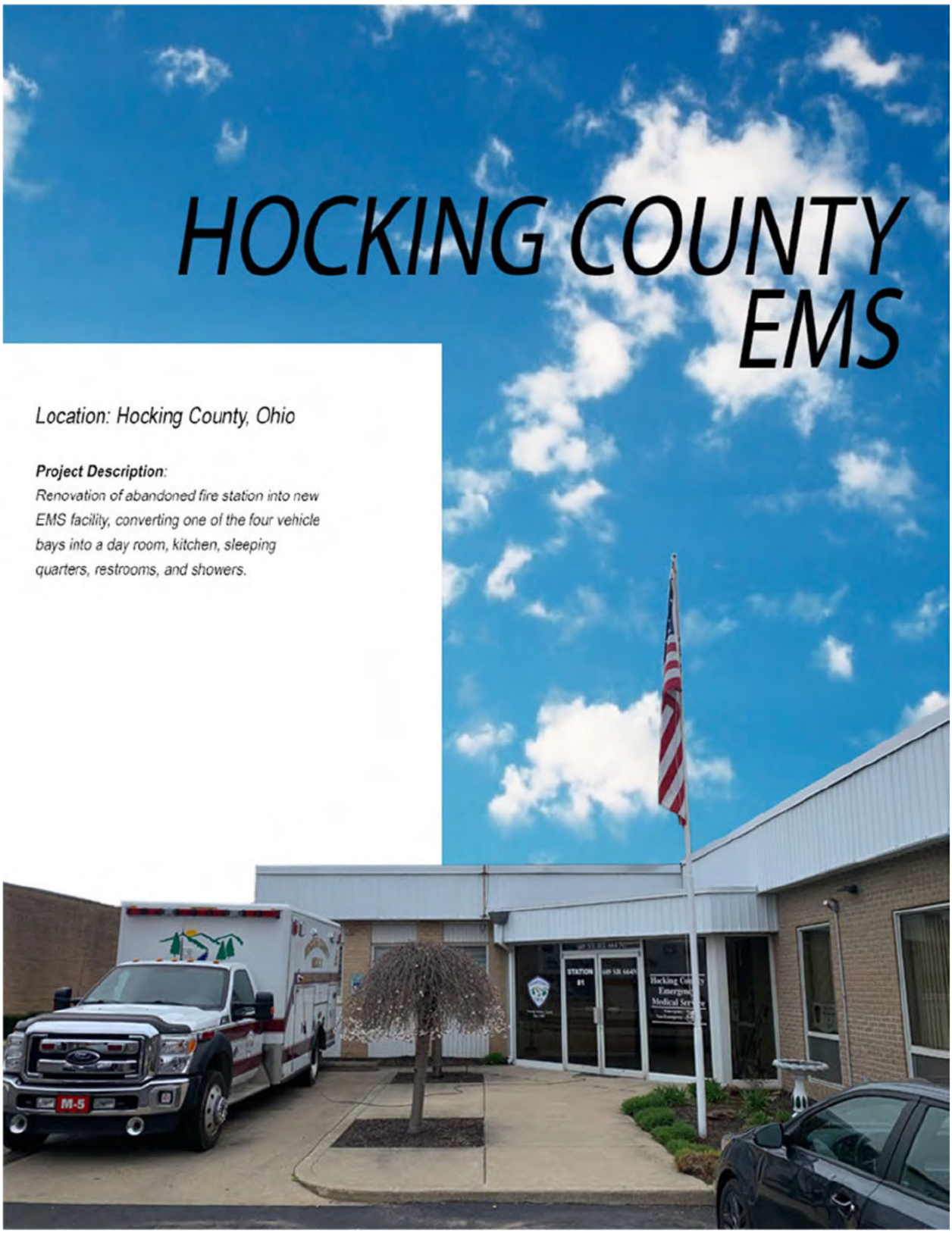
***Project Description**:*
Facility to provide a service area of county maintenance vehicles, wash bay, vehicle lift, material storage with additional general storage above in the mezzanine area. The building included installation of light shelves providing indirect lighting into the interior of the garage facility. The administration building was also constructed as part of this project and included conference space, restrooms, and a public conference area.



HOCKING COUNTY EMS

Location: Hocking County, Ohio

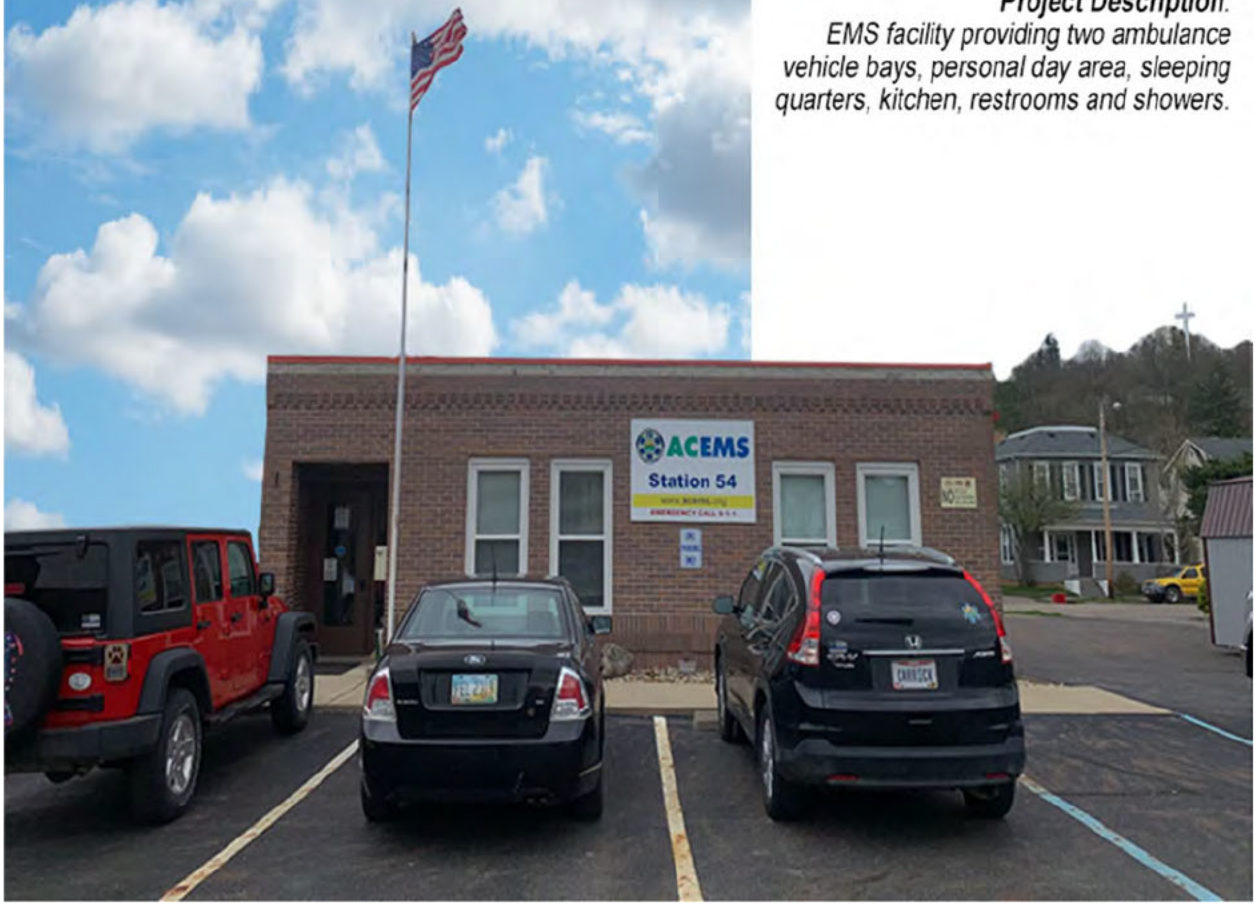
Project Description:
Renovation of abandoned fire station into new EMS facility, converting one of the four vehicle bays into a day room, kitchen, sleeping quarters, restrooms, and showers.



NELSONVILLE SEOMS

Location: Athens County, Ohio
SQ. FT. : 5,000

***Project Description**:*
EMS facility providing two ambulance vehicle bays, personal day area, sleeping quarters, kitchen, restrooms and showers.



PEOPLE'S BANK

Location: Vienna, WV
SQ. FT. : 3,000
Project Cost: $1,100,000

Project Description:

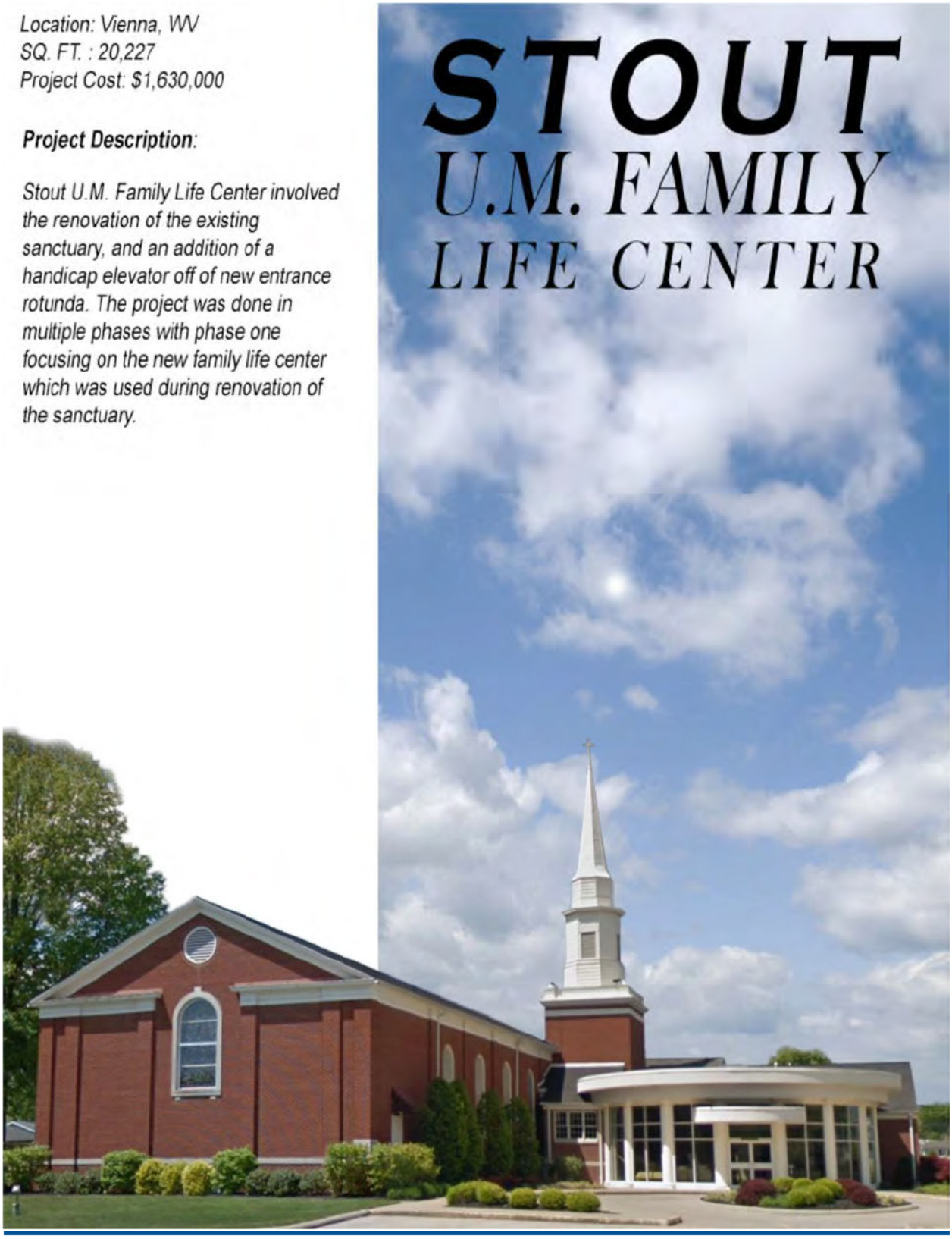
New People's Bank was built to provide a new drive thru bank near Grand Center Mall. The new bank provides ample office and conference space as well as a designated teller area. The site was designed as a zero impact water run off into landscape islands to eliminate flash flooding in the Ohio River. Electrical car charging stations were implemented, encouraging eco-friendly transportation methods for customers.



Location: Vienna, WV
SQ. FT. : 20,227
Project Cost: $1,630,000

Project Description:

Stout U.M. Family Life Center involved the renovation of the existing sanctuary, and an addition of a handicap elevator off of new entrance rotunda. The project was done in multiple phases with phase one focusing on the new family life center which was used during renovation of the sanctuary.



FUNDING

S & S and NREI will assist WVDNR in preparation and submission of any grant / loan funding applications needed



PROJECT MANAGEMENT

With over 100 years of combined professional experience, the project team will be made up of the following personnel, along with the rest of S & S Engineers and New River Engineering:

Jessie O. Parker, Jr., P.E. Email: jop@s-s-eng.com	President (S&S) / Principal Engineer
Christopher D. Burford Email: cburford@nrei-wv.com	Chief Operating Officer (S&S)/ President (NREI)
D. Matt Shelton Email: dms@s-s-eng.com	Vice President (S&S) / Project Manager
Michael Noel, NCARB Email: mike.noel5050@gmail.com	Lead Architect
Michael Yandrich, P.E., M.S. Email: mjy@s-s-eng.com	Senior Engineer
Ashok M. Sanghavi, P.E., DEE, QEP Email: a.sanghavi@s-s-eng.com	Senior Engineer
Charles “Chuck” B. Kurzyna, P.E., P.S. Email: ckurzyna@nrei-wv.com	Vice President (NREI) / Sr. Engineer/ Surveyor
Charles “Charlie” T. Strope, P.E. Email: cstrope@nrei-wv.com	Senior Engineer
Randy B. Crace, P.S. Email: r.crace@s-s-eng.com	Senior Surveyor
J. Michael “Mike” Green, P.S. Email: mgreen@greenandassoc.net	Senior Surveyor
Benjamin “Ben” Treadway Email: btreadway@nrei-wv.com	Engineer / Project Manager
Vincent “Vince” Scriptunas Email: vscriptunas@nrei-wv.com	Senior Engineer
Will Harless Email: wqh@s-s-eng.com	Project Manager / Engineer



RESUMES OF KEY PERSONNEL



Jessie O. Parker, Jr., P.E.
President / Senior Engineer
S & S Engineers, Inc.

Mr. Parker began his career at S & S in 2003 working on a variety of environmental projects throughout West Virginia, Kentucky, Ohio, and Virginia. Mr. Parker has served in the capacity of Engineer, Project Manager, and Principal in Charge for a variety of projects at S & S. This experience includes environmental, water supply, wastewater, storm water and drainage projects. Mr. Parker's responsibilities include planning, design, and construction administration.

Mr. Parker also has experience in grading plans, construction management, payment request approvals, quantity & cost estimates, and has worked with City, Town & PSD personnel, regulatory and funding agencies, as well as contractors.

Mr. Parker has proven to move projects forward in a professional, cost-effective, and timely manner. Has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is very familiar with federal and state grant and loan programs.

EDUCATION

Bachelor of Science
Civil Engineering
West Virginia University
December 2002

Master of Science
Engineering
Marshall University
May 2006

CERTIFICATIONS

Environmental Site Assessment
Commercial Real Estate
December 2016

Professional Engineer (WV)
Professional Engineer (OH)
Professional Engineer (KY)
Professional Engineer (VA)
Professional Engineer (MD)
Professional Engineer (NC)
Professional Engineer (SC)
Professional Engineer (PA)
Professional Engineer (TN)

PROFESSIONAL AFFILIATIONS

Water Environment Federation
American Water Works Association
American Society of Civil Engineers
Society of American Military Engineers
West Virginia Rural Water Association
Contractors Association of West Virginia



Christopher D. Burford

COO / Project Manager: S & S Engineers, Inc.

President: New River Engineering, Inc.

Green and Associates, LLC

New River Safety, LLC

Ellison Ridge Mining, LLC

Mr. Burford has been with NREI for over fifteen years. As the President and Project Manager for New River Engineering, Inc., he oversees Surface and Underground Mining Permit Applications, isthe Manager of Surveying Crews, manages State and Federal Safety Plans and Permits, oversees Construction Oversight & Construction Management, and Mine Planning.

Green and Associates, LLC, St. Clairsville OH – manager and supervisor of survey crews and office personnel, business development, andcoordination with clients on various projects.

New River Safety, LLC, – manager and Supervisor of safety instructors, electrical inspectors, and office personnel, business development, and coordination with clients and government entities.

Ellison Ridge Mining, LLC – management and oversight of various sub-contractors over mining, reclamation, and civil site construction projects, business development, and coordination with clients and government entities.

EDUCATION

Associate of Science

Civil Engineering Technology
West Virginia University Institute ofTechnology
May 2004

CERTIFICATIONS

Certified Underground Coal Miner
Certified Surface Coal Miner
MSHA Certified Limited Instructor
MSHA Certified Gravimetric Dust Sampling
MSHA Certified Gravimetric Dust Calibration & Maintenance
Heartsaver First Aid, CPR & AED Certified
Safe Land USA PEC Safety
MSHA – Methane / Oxygen Deficiency Qualified
APNGA Portable Nuclear Gauge Safety & USDOT Hazmat Certified
([redacted]
APNGA Certificate of Achievement
Radiation Safety Officer Class
[redacted]

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia
West Virginia Rural Waters Association
West Virginia Coal Association
Friends of Coal Association



D. Matt Shelton

Vice President / Project Manager

S & S Engineers, Inc.

New River Engineering, Inc.

Green and Associates, LLC

Mr. Shelton began his career at S & S in 2004 working in civil engineering fieldssuch as site development, water supply, wastewater, storm water and drainage. Also has experience in surveying, construction management, record keeping, quantity and payment reviews, inspection and site grading. Having worked with general contractors, subcontractors, community representatives and residents, he has developed solid techniques to move the projects in a professional, cost-effective and timely manner.

Experienced in site grading, surveying, quantity surveys, building layout, water & sewer system design and construction inspection on civil engineering projects.

EDUCATION

Bachelor of Science
Civil Engineering Technology
West Virginia University
May 2005

CERTIFICATIONS

Environmental Site Assessment
Commercial Real Estate
December 2016

PROFESSIONAL AFFILIATIONS

Water Environment Federation
Contractors Association of West Virginia

Experience as Engineering Technician including design of water line extensions, water booster stations, water storage tanks, wastewater pump stations, sewer line extensions, manholes, drainage calculations, and preparation of quantity and cost estimates.

Experience as Survey Technician / Instrument man includes topographic surveys, construction stakeout for water & sewer systems and highways, building layout, cut sheets for sewer systems, GPS surveying for field control work, etc.



Michael Noel, NCARB

Registered Architect

Michael Noel Architect, LLC

Mr. Noel has been Principal of Michael Noel Architect for the past four years. Before establishing his firm he was Senior Principal with Panich, Noel and Associates for 32 years.

EXPERIENCE

REGISTERED ARCHITECT

Responsible for day to day design and management of various construction types for the firm.

CONSTRUCTION DOCUMENTS

As the Partner in charge Mr. Noel has been partner to oversee more than $300 million dollars of construction documents varying from hotels, industrial buildings, churches, prisons and higher and lower education.

EDUCATION

Bachelor of Arts in Architecture
Ohio University
May 1974

Register NCARB
1982

Certifications

Registered (WV) Professional
Registered (OH) Professional
Registered (IL) Professional
Registered (FL) Professional

Civic Affiliations

Athens Rotary Club
Boy Scouts of America
Athletes in Action

PROJECTS

Hotels:	Morgantown-Holiday Inn - $20,000,000 Portsmouth- Holiday Inn Remodel - $6,000,000
Industrial:	RXQ Compounding - $5,000,000 Logan Goodyear Plant - $3,000,000
Prisons:	Septa Correctional Facility - $4,500,000 HVCRC Youth Prison and School - $3,000,000
Education:	Athens City Schools Renovations, Roof Replacement, Additions, Bus Garage and Athlete Facilities Buildings - $15,000,000.
	Trimble Schools Building Additions and Remodeling - $400,000. Alexander Schools Renovations and Maintenance Facility - $500,000. HVCRC Gymnasium and Classroom Design - $3,000,000.



Michael Yandrich, P.E., M.S.

Senior Engineer

S & S Engineers, Inc.

New River Engineering, Inc.

Green and Associates, LLC

EDUCATION

Bachelor of Science
Civil Engineering
Ohio State University
May 1995

Master of Science
Civil Engineering
Ohio State University
December 2006

CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (OH)

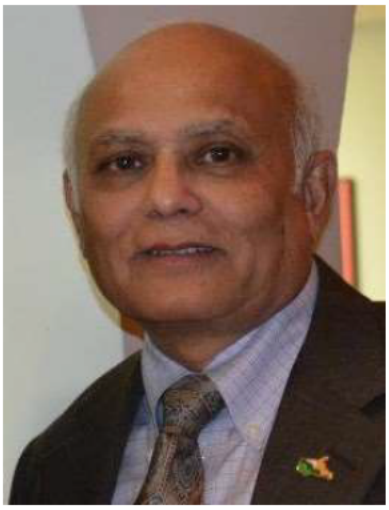
PROFESSIONAL AFFILIATIONS

American Society ofCivil Engineers

Mr. Yandrich has extensive experience with water and wastewater projects working with clients from conceptual design through construction. Mr. Yandrich provides civil engineering design and oversight for the completion of plans and technical specifications for water and wastewater projects, along with permitting, cost estimates, and construction administration. Mr. Yandrich's duties include hydrologic and hydraulic analysis and design, storm water management, construction inspection, shop drawing review, project scheduling, coordination, budget management, client interaction, and project team co- ordination. Mr. Yandrich completes engineering calculations, studies, plans, reports, and data analysis, and he coordinates construction projects, including interim and final inspections, to determine compliance with applicable laws, regulations, and specifications.

Mr. Yandrich began his career with the State of Ohio Environmental Protection Agency working as an inspector, permit writer, and plan reviewer for a variety of hazardous waste, air pollution, water, and wastewater projects. Since leaving employment with the State of Ohio, Mr. Yandrich has worked on projects including renewable energy/electrical, structural, water, and wastewater.

Mr. Yandrich's professional and technical knowledge has led to successful water and wastewater construction and rehabilitation projects for both public and private clients.He has a working relationship with multiple municipalities around Ohio and West Virginia as well as state and local agencies to facilitate coordination and effective design and successful construction.



Ashok M. Sanghavi, P.E., DEE, QEP
Senior Engineer / Quality Control Officer
S & S Engineers, Inc.

Over forty-six years of professional experience in civil engineering fields such as environmental, water supply, wastewater, solid wastes management, drainage, and mining. He has provided planning, design, construction management and technical expert testimony for environmental and general civil engineering projects. He has prepared Phase I environmental site assessments and carried out subsequent Phase II and Phase III remediation work. He has prepared environmental impact statements for state and federal highway projects.

Having worked for the private industry as well as state government, he thoroughly understands both sides. He has extensive knowledge of the state and federal water supply, and wastewater laws and regulations and is also very familiar with federal and state grant and loan programs.

West Virginia State Health Department

1) Acting Chief, Wastewater Division

2) District Engineer

3) Water Supply Engineer

EDUCATION

Master of Science
Civil Engineering
West Virginia University
May 1970

Partial Course work for Ph.D.

CERTIFICATIONS

Professional Engineer (WV)

Diplomate - American Academy of Environmental Engineers

Qualified Environmental Professional, IPEP

PROFESSIONAL AFFILIATIONS

Water Environment Federation
American Water Works Association
American Society of Civil Engineers
West Virginia Rural Water Association
Contractors Association of West Virginia

AWARDS

Arthur Sidney Bedell Award,
Water Environment Federation, 1993



Charles "Chuck" Kurzyna, P.E., P.S.

Senior Engineer / Senior Surveyor

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

New River Safety, LLC

Ellison Ridge Mining, LLC

Former President and Principal Owner of New River Engineering Inc., established in 1998. New River Engineering has been performing surveying and engineering for the coalmining and construction industries.

Mr. Kurzyna has over 30 years of engineering and management experience in the mining industry and consulting business. He specializes in surface and underground mine design, planning, and surveying; environmental and safety permitting; project and construction management.

Project Manager for a consulting engineering firm, responsible for job estimates and bidding, supervise office staff in engineering related projects including surface mine surveying, reclamation and permitting, reserve studies, etc.

Chief Engineer for a small mining and construction company, responsible for mine planning, production tracking, construction job bidding, construction engineering, etc.

Chief Engineer, Senior Engineer for the Lady Dunn Surface Mine & Preparation Plant; coal reserve evaluations; project engineering for mine related facilities; environmental permits for large surface and deep mining operation; etc.

EDUCATION

Bachelor of Science
Mine Engineering Technology
West Virginia Institute of Technology
May 1979

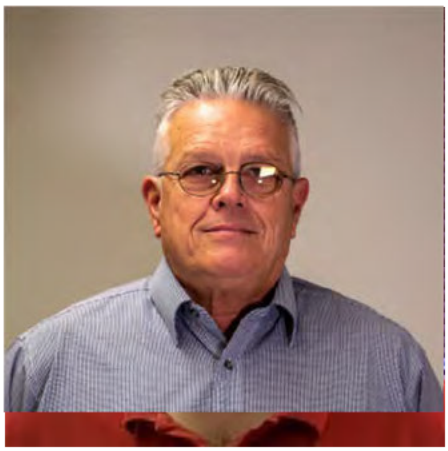
Associate of Science
West Virginia Institute of Technology
May 1977

CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (OH)
Professional Engineer (PA)
Professional Engineer (VA)
Professional Engineer (KY)
Professional Engineer (GA)
Professional Surveyor (WV)
Underground Mine Foreman
Surface Mine Foreman

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia
West Virginia Coal Association
Friends of Coal Association
Society of Mining Engineers



Charles T. Strope, P.E.

Senior Engineer

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

Responsible for mine planning and permitting, monthly production reports for clients and hazardous slope plans for oil and gas line construction.

Geotechnical Engineer for TRC Engineers, Inc. – Charleston, WV, Project Engineer on various construction projects including US Route 35 expansion at Buffalo, WV, Jefferson Road Improvements in South Charleston, WV and the Hobet Mine Access Road in Madison, WV. Engineering Analysis performed including stability of road fills and road cuts, settlement analysis, retaining wall design, and performed boring inspection in the field.

Highway Engineer Associate (West Virginia Division of Highways, Charleston, WV) Responsible for performing construction inspections and preparing daily progress reports to be utilized in determining state payments to contractors.

Staff Engineer at NREI (2010-2014) Responsible for updating mine maps, monthly production reports and supplying clients with updated mine maps, escape-way maps, ventilation maps etc. Engineering analysis performed on coal pillar stability.

EDUCATION

Master of BusinessAdministration
West Virginia University
June 2010

Bachelor of Science
Civil Engineering
West Virginia University
May 2009

Bachelor of Science
Mining Engineering
West Virginia University
May 2009

CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (OH)
Professional Engineer (KY)
Professional Engineer (MI)
Professional Engineer (IL)
Professional Engineer (PA)
Professional Engineer (MD)

APNGA Portable Nuclear Gauge
Safety & USDOT Hazmat Certified
([redacted])

APNGA Certificate of Achievement
Radiation Safety Officer
Class ([redacted])

PROFESSIONAL AFFILIATIONS

Contractors Association of WestVirginia
West Virginia Coal Association
Friends of Coal Association

Randy B. Crace, P.S.

Senior Surveyor

S & S Engineers, Inc.

New River Engineering, Inc.

Green and Associates, LLC

Mr. Crace began his career at S & S in 1983 working on a variety of surveying and engineering projects. Areas of concentration in boundary surveys, mapping, topography, subdivisions, annexations, right of ways, subdivision development, construction stakeout, aerial mapping controls, GPS-RTK survey control networks, oil and gas well locations, surface and underground mining permits, construction stakeout, hydrology, erosion and sediment control plans, storm water retention systems, site grading plans, parking lot layout, WVDOH driveway permits, Cad software programs, Geographic Information Systems, Phase I - ASTM environmental site assessment and expert witness testimony in the surveying field.

U.S. Army - SP4
HonorableDischarge - 1974

EDUCATION

Bachelor of Science
Industrial Technology
West Virginia State College, Institute
December 1989

Master of Science Environmental Studies
MUCGS, Institute of WVPartial Course Work

CERTIFICATIONS

Environemental Site Assessment
Commercial Real Estate Certification
ASTM [redacted]
October 2001

ASTM [redacted] and USEPA AAI
October 2006

ACSM Surveying Instrumentation and
Coordinate Computation Certificate, 1978

Center College, Charleston, WV
Technical Degree, Drafting – 1970

Professional Surveyor (WV)
Professional Surveyor (KY)
Professional Surveyor (OH)

PROFESSIONAL AFFILIATIONS

West Virginia Associationof Land Surveyors
American Congress on Surveying & Mapping
National Society of Professional Surveyors
American Institute of Architects, WV



John Michael "Mike" Green, P.S.

Senior Surveyor

Green and Associates, LLC

New River Engineering, Inc.

S & S Engineers, Inc.

Ohio surveyor of record specializing in oil and gas permitting, construction layout, commercial and residential surveys.

Leads surveying, engineering, and construction layout as well as services for residential,commercial, industrial and the oil and gasindustries. Surveying included oil and gaspermit plats, declaration of pooling and unitization, water transfers and pad layout and as builds, all surveys and construction layout for all Wheeling Pittsburgh Steel plants and layout of the Samis Power Plant major upgrades. Engineering services included design and construction of pump stations, water plants, large water transmissions lines, residential water and sewage design in andfor Belmont County and building designs.

EDUCATION

Associate of Science
Surveying and EngineeringTechnology
Lorain College
June 1970

Addition courses
Ohio University Belmont
1971 –1972

CERTIFICATIONS

Professional Surveyor (OH)
Underground Mine Foreman

Mine Engineer for The North American Coal Corporation - Powhatan Point, OH, (12years), in charge of all surveying services for Numbers 1, 3, 4 and 5 mines. Supervisedconstruction projects for all mines. Prepared and submitted underground mining plansto the Mine Safety and Health Department, State of Ohio.



Ben Treadway

Engineer / Project Manager

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

Mr. Treadway is a 2005 graduate of WVU Tech with a B.S. in Civil Engineering Technology. He has over 10 years of experience in the engineering and consulting fields. Ben has experience in surveying, soil testing, and permitting and is proficient utilizing AutoCAD and SurvCadd for engineering design.

New River Engineering, Inc.—Shrewsbury, WV, Surface and Underground Mining Permit Applications, Surveying – Surface and Underground, 3D modeling, Slope Stability, USACE Permitting, Geologic Modeling, and Storm Water Construction

West Virginia Division of Homeland Security and Emergency Management – Big Chimney, WV, Performed flood elevation surveys for flooded homes in West Virginia. Used GPS to set benchmarks, determined base flood elevations, determined flood zones and stream data, filled out targeting sheets for homes with appropriate data.

EDUCATION

Bachelor of Science
Civil Engineering Technology
West Virginia University Tech Fall 2005

Associate of Science
Civil Engineering Technology
West Virginia University Tech Spring 2004

CERTIFICATIONS

Dam Inspector
Underground Coal Miner
Surface Coal Miner
MSHA Certified Limited Instructor
MSHA Certified Gravimetric Dust Sampling
MSHA Certified Gravimetric Dust Calibration & Maintenance
Heartsaver First Aid, CPR & AED Certified
Safe Land USA PEC Safety

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia
West Virginia Coal Association
Friends of Coal Association

West Virginia Department of Highways – Lewisburg, WV, Checked steel reinforcing placed within bridge piers for proper installation, filled out daily reports, calculated area of steel placed day-to-day, checked for proper bolt torque and installation, air and slump tested concrete poured in piers.

Esmer & Associates Inc. – Boomer, WV, Performed lab tests on soil, used planimetry to determine slurry pond life, fill areas, cut areas, etc., used computer to calculate lab results, aided on coal impoundments to do various monitoring tests, collected data for coal impoundment monitoring.



Vincent W. Scriptunas II

Senior Engineer

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

EDUCATION

Bachelor of Science
Mining Engineering
West Virginia University 1981

CERTIFICATIONS

Surface Mine Foreman
Underground Coal Miner

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia
West Virginia Coal Association
Friends of Coal Association

Mr. Scriptunas is a 1981 graduate of West Virginia University with a B.S. in Mining Engineering with over 30 years of experience in the mining and consulting fields. Vince specializes in surface and underground mine planning and design, reclamation and environmental permitting.

New River Engineering, Inc. - Shrewsbury, WV, Prepare surface mine permits as required by West Virginia state regulations. Prepare surface mine NPDES permits as required by West Virginia state regulations. Evaluate mining reserves. Provide technical assistance to clients for facilitation and implementation of more effective environmental reclamation and drainage control systems.

Horizon Natural Resources-Ashland, KY, Supervised reclamation and mining including planning of daily activity. Evaluated reclamation liability of active and abandoned permits. Responsible for insuring environmental compliance and initiating subsequent permit revisions as required. Managed the final active mining of the Sycamore South Mountaintop Mine with no lost time accidents. Prepared monthly and annual mine plans and schedules for mountain top removal operation with annual production of 1.0 million tons.

Pittston Coal Company-Lebanon, VA, Evaluated reclamation liability of active and inactive surface mines. Implemented reclamation plans for Bandmill and Boardtree Surface Mining Complexes. Prepared surface mine permits (Article 3 and NPDES) including revisions, modifications and renewals for active Pittston West Virginia subsidiaries.

Pittston Coal Company-Lebanon, VA, Prepared monthly, quarterly and annual mine plan and schedules for mountain top/contour removal operation with annual production of 1.0 million tons. Planned, organized, scheduled and monitored construction and special projects (e.g., exploration, utilities, environmental). Acted as liaison between operations and governmental agencies. Responsible for insuring environmental compliance and initiating subsequent permit revisions as required. Maintained and projected coal quality

information on seam splits. Advised Division Resident Engineer on survey crew needs and supervised company crew when on job site.

Mountain State Company – Shrewsbury, WV Prepared surface mine permits as required by West Virginia state regulations. Prepared air pollution control permits as required by West Virginia state regulations. Prepared surface mine NPDES permits as required by West Virginia state regulations.

Cyprus Kanawha Corporation-Powellton, WV, Developed a mine forecast and monitored surface mining activity for a mountain top removal operation with annual production of 1.5 million tons. Prepared operations elemental budget for a truck/shovel mining operation. Developed and maintained comprehensive production analysis including yardage moved, blasting data, haulage, productivity and availability. Reviewed royalty payment system which resulted in immediate savings of $0.5 million and future savings of approximately $1.0 million. Forecasted highwall miner production and necessary location on a contour surface mine. Reviewed West Virginia property tax appraisal resulting in a reduced tax expense. Directly responsible for supervision and development of the surveyors and technicians.

Hawks Next Mining Company (Subsidiary of Imperial Pacific Investments)-Powellton, WV, Provided planning and operational engineering support for both contour surface and underground mines. Compiled ventilation and roof control plans for underground mines as required by federal and state regulations. Prepared surface mine permits as required by West Virginia state regulations. Evaluated future surface mining reserves.

Hawks Nest Mining Company (Subsidiary of F.H. Prince)- Powellton, WV, Provided planning and operational engineering support for underground mines with continuous and conventional sections. Generated ventilation and roof control plans for underground mine as required by federal and state regulations. Evaluated potential acquisition opportunities and provided final recommendations. Researched mining property ownership and recommended settlement which resulted in a savings of $130,000.



Elijah Laramee, P.E.

Professional Engineer

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

Mr. Laramee has more than seventeen years of civil/ structural design and management experience, including deep foundations, shallow foundations, concrete and steel structures, building enclosures, rigging, drainage, underground utilities, etc. Mr. Laramee is also proficient in several analysis & design, laser scan and 3D design software packages.

EXPERIENCE

PROFESSIONAL ENGINEER

Responsible for analysis and design of various types of structures and materials for compliance with building codes and design standards. Design work includes large steel structures, as well as retrofit of steel and concrete structures and foundations.

LEAD ENGINEER

Perform design and analysis responsibilities of professional engineer with additional duties of coordinating the civil structural design effort with clients and other design disciplines. Duties include work planning, scheduling, cost control, quality management, design reviews, and construction packaging.

DEPARTMENT MANAGER

Responsible for the overall execution and quality of the Civil Structural Department in U.S and India offices. Duties include resource planning, scheduling, technical oversight, development of people, procedural development, auditing, and determination of needs for tools and skills.

EDUCATION

Bachelor of Science
Civil Engineering
West Virginia
University Institute of
Technology May 2003

CERTIFICATIONS

Professional Engineer (WV)
Professional Engineer (IA)
Professional Engineer (KY)
Professional Engineer (MO)
Professional Engineer (NC)
Professional Engineer (OH)
Professional Engineer (PA)
Professional Engineer (TX)
Professional Engineer (VA)
Professional Engineer (SC)
Professional Engineer (GA)
Professional Engineer (MI)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

American Institute of Steel Construction AISC

FIELD ENGINEER

Provide inspection and verification of design in construction and provide solutions to issues encountered in the field. Review of submissions and creation of punch list items.



Will Harless

Project Manager / Engineer

New River Engineering, Inc.

S & S Engineers, Inc.

Green and Associates, LLC

EDUCATION

Bachelor of Science
Civil Engineering Technology
West Virginia University Tech Fall 2006

Associate of Science
Civil Engineering Technology
West Virginia University Tech Spring 2005

CERTIFICATIONS

Dam Inspector
Underground Coal Miner
Surface Coal Miner
Heartsaver First Aid, CPR & AED Certified
EMT-M Certification
Safe Land USA PEC Safety
DOT Hazardous Materials Transportation
Radiation Safety Officer
OSHA 30 Hour Certification
SCUBA Certification

PROFESSIONAL AFFILIATIONS

Contractors Association of West Virginia
West Virginia Coal Association
Friends of Coal Association
Ohio Oil and Gas Association
WV Oil and Gas Association

Mr. Harless is a 2006 graduate of WVU Tech with a B.S. in Civil Engineering Technology. He has over 14 years of experience in the engineering and project management fields. Will has experience in surveying, regulatory compliance, environmental, and permitting in the oil & gas and mining fields and is proficient utilizing AutoCAD, SurvCadd, MicroStation for engineering design.

OH & WV Project development, Oil and Gas Permit Applications including Federal Bureau of Land Management permits, WV AST registration and inspections, Road improvements, Construction Erosion and Sediment Control.

Manage permitting operations/scheduling for resource planning and development by coordinating with land reserves, GIS units, lateral planning, surveying, platting, environmental studies, road use maintenance agreements (RUMA), site construction, water withdrawal, oil/gas well drilling, completions, operations, reclamation, and plugging. Manage regulatory operation compliance with air quality including LDAR, engine testing, maintenance, and reporting.

Oil and Gas site construction—obtain needed permits for wells, baseline water testing, road use maintenance agreements with County Engineers and Townships, road entrances reviews for wetlands, bats, streams, archeological review, and State Historic Preservation Office review. Site erosion and sediment control, slip repair, monitoring, inspections, water testing, and reclaim. Interaction with Federal and State regulatory agencies, landowners, and associations. Project scheduling and budget

tracking.

Coal mining environmental compliance with Federal and State regulatory agencies, Engineering support for production. Manage environmental engineers, consultants, contractors, public relations, training, schedule and budget tracking, CAD design, calculations, and map work.

Mine plan, monthly tons and bank cubic yard calculations and reporting, schedule/analyze topographical flights. Environmental compliance and permitting for surface, deep mines, and plant with Federal and State regulatory agencies, Engineering support for production. Manage consultants, contractors, public relations, training, schedule and budget tracking. Perform: water sampling, daily reporting, environmental audits, surveying, CAD design, calculations, and map work. Quarterly and annual certifications for valley fills, impoundments, drainage ditches.

Project management, surveying, CAD design, calculations, and map work. Surface mine permitting. Quarterly and annual certifications for valley fills, impoundments.



Robert D. Cuthbert, III

GIS Analyst

S & S Engineers, Inc.

New River Engineering, Inc.

Green and Associates, LLC

EDUCATION

Bachelor of Arts
Geography (Emphasis: GIS)
West Virginia University
December 2018

S & S Engineers, Inc., since April 2019, as a GIS Analyst to set up and work on various GISprojects as the science becomes more relevant to civil engineering. Mr. Cuthbert has experience creating city-scale datasets, managing new data entries, creating professional-grade maps, and surveying for municipalities and small-scale projects. This experience includes wastewater mapping, project site mapping, and organizing surveydata for use in GIS and CAD applications.

Mr. Cuthbert plans to expand the use of GIS within S & S to assist with surveying, project planning and design, and large-scale datasets.

CLIENT REFERENCES

Mr. Jeremy Lewis, General Manager
Nitro Regional Wastewater Utility (City of Nitro)
P.O. Box 607
Nitro, WV 25143
304) 755-3669

Hon. Joetta Hatfield, Mayor
Town of Fort Gay
P.O. Box 336
Fort Gay, WV 25514
(304) 648-5246

Mr. John Rubin, Chairman
Kanawha Public Service District
P.O. Box 8
Cabin Creek, WV 25035
(304) 595-2203

Mr. John Elliot, President / Owner
American Medical Facilities Management
240 Capitol Street, Suite 500
Charleston, WV 25301
(304) 344-1623

Mr. Philip K. Farley, II
Director of Engineering & Construction
WV Division of Corrections
617 Leon Sullivan Way
Charleston, WV 25301
(304) 558-2036

Mr. Brad Leslie
WV Division of Natural Resources
324 Fourth Avenue
South Charleston, WV 25303
(304) 558-4025

Hon. Bill Rice, Mayor
City of Sistersville
200 Diamond Street
Sistersville, WV 26175
(304) 652-6361

CLIENT REFERENCES

Mr. Matt Hildebrand,
Trans-Canada/TC Energy
700 MacCorkle Avenue, SE
Charleston, WV 25314-1515
(304) 357-2000
(304) 894-2657

Mr. G.R. Carr
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(304) 619-8903

Mr. John McNew
United Coal Company
109 Appalachian Dr.
Beckley, WV 25801
(304) 255-9030
(304) 550-2324

Mr. Edward Brown
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3228 Summit Square Place,
Lexington, KY
(304) 590-2487

Mr. Will Harless
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Marietta, OH
(740) 374-2940
(304) 993-5510

Mr. Jamie Hake
Allegheny Contracting, LLV
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Ridgway, PA 15853
(814) 772-2525

Mr. Christopher Matkins, Senior Engineer
West Virginia Dept. of
Environmental Protection
1159 Nick Rahall Greenway
Fayetteville, WV 25840
(304) 574-4465

Mr. Brian Worley
Contoura Energy, LLC
208 Business St.
Beckley, WV 25801
(304) 929-6626

Mr. Eric Bess
Mott MacDonald
201 Pennsylvania S #400
Charleston, WV 25302
(304) 356-3010

Mr. John McNew
United Coal Company
109 Appalachian Dr.
Beckley, WV 25801
(304) 255-9030

SAFETY

In today's ever changing workplaces, we place safety as an utmost necessity for all employees. We are fully committed to provide our employees with knowledge and training to complete all tasks in a professional manner and to prepare them with a safe and hazard free work environment.

OUR TEAMING PARTNERS

Tempo Construction, LLC

Larson Design Group

American Geotech, Inc.

Carr Excavating

Allstar Ecology

Airport Design Consultants, Inc.



ADDITIONAL SERVICES

Water Supply, Treatment, Storage, and Distribution Systems

With over forty years of experience, we are your one stop shop for water supply, treatment, storage, and distribution systems. We implement our four step process to each project to develop a better understanding of our clients needs and expectations: 1. Preliminary Engineering Report; 2. Design Phase; 3. Bidding Phase; 4. Construction Administration. We are "hands on" during all phases to ensure our clients obtain what they want in every project.

As a locally owned "small family" consulting firm, our clients get more for their money and receive more one-on-one time with our employees, which yields a more pleasurable experience. We excel in helping our clients ascertain funding from various governmental agencies to assist in the financing of the project.



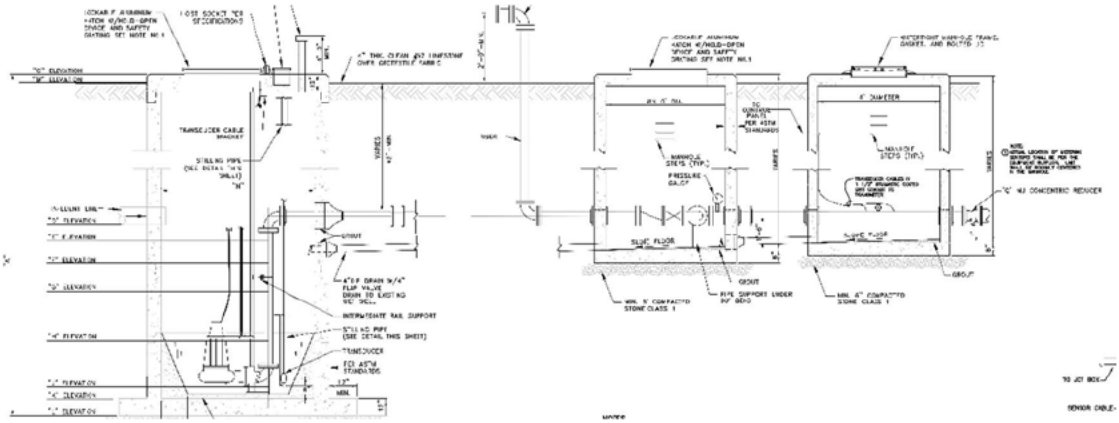


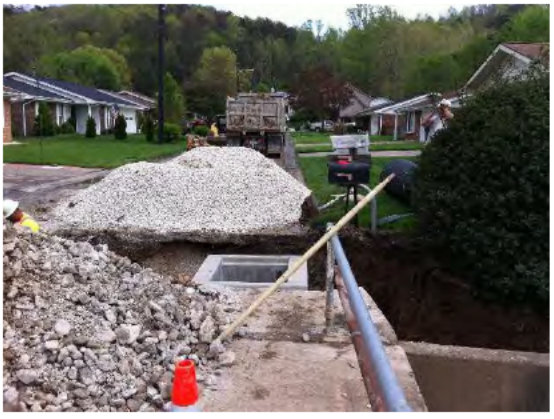


Wastewater Collection & Treatment Systems / Industrial and Hazardous Waste Treatment Systems

We recognize the importance and understands the hurdles that our clients must maneuver to offer wastewater service to their customers. We have a proven track record with a vast knowledge of local conditions and an excellent reputation with all regulatory, funding, permitting, and enforcement agencies. Our crew, from CAD Techs to the President, is included in all phases of the project. We have the knowledge and capacity to carry out the workload in a timely manner.

We have a full understanding of wastewater systems from small treatment facilities to municipalities, all the way to industrial wastewater systems. We are thoroughly knowledgeable in obtaining federal, state and local funding, and are available to you 24/7. We will see your projects from conception to completion.







Construction Management and Civil Site Design

We have been providing construction engineering solutions to our clients, including towns and municipalities for a combined total of over 60 years. We have established ourselves as one of the leading consulting firms in the area, and our experienced staff is committed and dedicated to your project from the initial site design and bid package development to inspections and certification.

We also offer Civil Site Design services including: sub-division layouts, commercial development and design, HCA project areas, well pads, impoundments, street paving, drainage control, solid waste landfill, and impoundment design. We know and understand the value and importance of properly designed sites that offer the most cost effective and beneficial areas for our clients.

Construction Management and Civil Site Services

- 3D Site Design
- Haulage & Access Road Design
- Excess Spoil Disposal Site Design
- Drainage design and runoff calculations
- Bid Packages
- Solid Waste Water Management and Land Fill Design
- Subdivision Design and Permit Applications
- Site Development Plans
- Pre, During & Post Construction Surveying
- HECRAS Modeling
- Stability analysis
- Site inspections / Project Management
- Certifications
- Cost Estimates
- Subdivision Design
- Street Paving Design and Drainage Control
- Construction management
- Earth Work Quantity Estimates
- Construction Staking



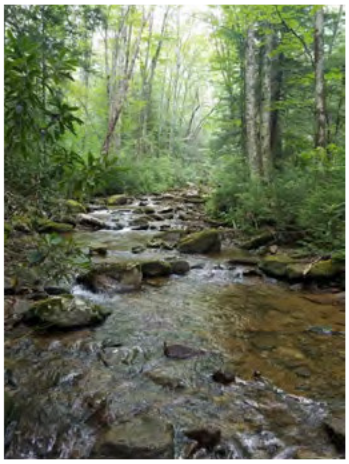


Environmental Permitting

Environmental permitting has become a complex and confusing landscape. We have an efficient and thorough team of environmental consultants making sure permitting, regulatory compliance, construction monitoring and biological surveying are done with the utmost quality and cost effectiveness. This will save your project time and money from the start, and avoid costly delays in the future. Compliance with Clean Air and Water Acts, NEPA, and other state and federal requirements is invaluable to every project. Our attention to detail and practical solutions to complex issues are second to none. Our environmental permitting team will make sure once your project is off the ground, it stays there!

Environmental Permitting Services

- Storm Water Permitting, Design, and Management
- Water Quality Monitoring
- Flood Plain Determination and Flood Elevation Certificates
- Groundwater Protection Plans
- Stream & Wetland Delineation
- Spill Prevention Control & Countermeasures Plan (SPCC)
- Article 3 Mining Permits
- Article 11 NPDES Permits
- West Virginia 401 Certification Permitting
- Waste Water Permitting, Design, & Management
- Clean Water Act Section 402 Permitting (NPDES Permit)
- United States Army Corps of Engineers 404 Permitting
- Jurisdictional Determinations
- Air Quality Permitting
- Best Management Practices (BMP) Planning

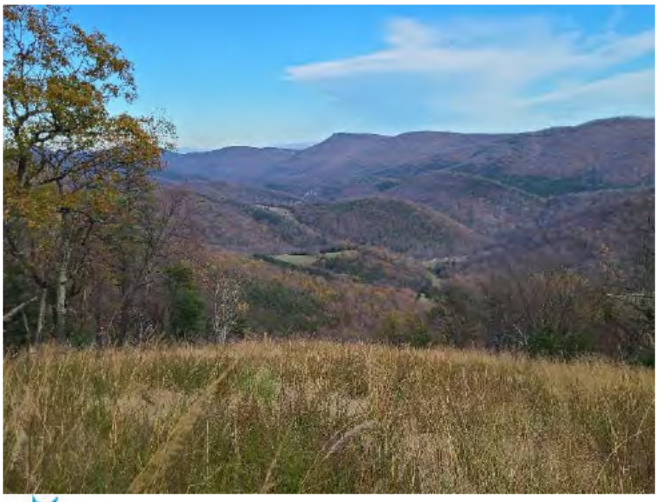




Environmental Permitting (Cont.)

Environmental Permitting Services

- Ohio State Historic Preservation Office (SHPO)
- National Environmental Policy Act (NEPA)
- US Environmental Protection Agency (EPA)
- US Department of Justice (DOJ)
- Stormwater NPDES Permit Services
- National Conservation Planning Partnership (NRCS) & Forest Service
- United States Department of Agriculture (USDA) - Rural Development
- West Virginia Public Lands
- WV Department of Natural Resources (DNR)
- US Fish & Wildlife
- HECRAS Modeling
- WV Culture & History
- Ohio Department of Natural Resources (DNR)
- Ohio Environmental Protection Agency (EPA)
- Ohio Public Works Commission (OPWC)
- Ohio Department of Commerce / Division of Industrial Compliance
- Virginia Department of Environmental Quality (DEQ)
- Federal Aviation Administration (FAA)
- West Virginia IJDC
- West Virginia Water Development Authority
- EPA & WV DEP Compliance
- Environmental Site Assessments
- WV DEP & United States Army Corps of Engineers (USACE) Permit Services
- Local Agency Building / Construction



S & S Engineers, Inc.
SOQ for WVDNR
Engineering Services



New River Engineering, Inc.

Surveying

We have established ourselves as one of the areas' leading surveying firms with our 40+ years of experience in property, boundary, and topographic mapping. Our staff is skilled in courthouse research, finding property evidence, providing quality property surveys, and construction stake-outs.

Additionally, we offer aerial mapping utilizing drone surveys. Our aerial mapping has been proved to be invaluable for construction progress mapping, well pad progression, subdivision layouts, and civil site designs.

Surveying Services

- Property Abstract & Research
- Boundary Surveys
- Survey Plats
- Subdivision Design & Layout
- Construction Surveying & Stakeout
- Underground Mining Surveying
- Right-of-Way & Land Acquisition
- GPS Services
- Aerial Mapping / Control
- Drone Flight & Surveying
- Topographical Surveys
- ALTA / ACSM Land Title Surveys
- Unit Surveys
- Surface Mining Surveying
- Computer Mapping
- GIS Services





Subsurface Utility Survey

We use some of the most advanced technology in Ground Penetrating Radar (GPR), pipe and cable locators, and smoke testing machines to accurately survey, map and inspect subsurface utilities. These services have been extensively used by our clients in the construction, oil and gas industries, as well as public service districts.

Subsurface Utility Surveying Services

- Pipe and Cable Location
- Sewer Line Smoke Testing
- Ground Penetrating Radar (GPR)
- Internal Video Pipe Inspection









Geotechnical Engineering

We have professional engineers and engineering technicians with extensive geotechnical engineering experience. We specialize in compaction testing, foundation design, slope failure remediation and embankment design. We put the focus on identifying the needs of clients, and providing cost-effective solutions with real results.

Geotechnical Engineering Services

- Drilling Oversight, Management and Inspection
- Slope Failure Remediation
- Slope Stability Analysis
- Gabion Basket Wall Design
- Compaction Testing
- Foundation Design
- Embankment Design
- Drainage Analysis
- Soldier Pile Wall Design







Structural Engineering

We offer a full range of structural engineering services to help meet the needs of our clients. In addition to professional training, our structural capabilities are bolstered by a depth and breadth of experience developed through solving unique and complex engineering challenges. We have experience with projects in the private, public, commercial and industrial sectors. Whether designing new structures, retrofitting existing structures, addressing overstressed conditions, or assessing structural integrity, our clients can rest assured that we are capable of meeting their specific needs.

Structural Engineering Services

- Structural Analysis
- Steel Structures and Building Enclosures
- Modular Design
- Pilings and Foundations
- Concrete Containment Structures
- Retrofit of Existing Overstressed Structures
- Building Permits and Code Analysis
- Bridge Cranes, Monorails, Jibs, etc.
- Truck/Rail Unloading Stations
- Lifting Beams and Rigging
- Industrial Architectural Design
- Structural Inspections and Assessments







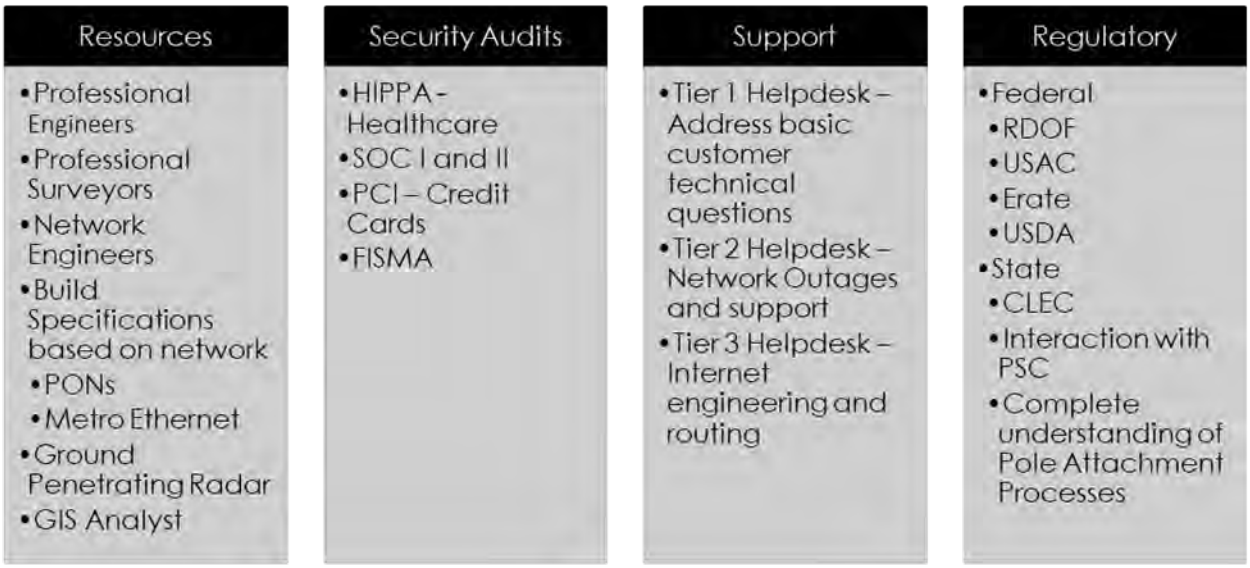


Fiberoptic Broadband Services

We team with Mountain State Fiber and Alpha Technologies company which is a registered WV CLEC and was founded in 2000 specializing in Wide Area and Local Area Networks. Mountain State Fiber and Alpha Technologies is headquartered in Hurricane, WV.

Working with a full service fiber optic firm, S & S Engineers, Inc. (S & S) / New River Engineering Inc. (NREI) and Mountain State Fiber can provide a whole host of services to our clients including, but not limited to the following:

- Build Specifications based on network
- PONs
- Metro Ethernet
- Support for Tier 1-3 Helpdesk— Technical questions, Network Outages, Internet engineering and routing
- Regulatory—Federal: FDOF, USAC, Erate, USDA; State: CLEC, PSC
- Complete understanding of Pole Attachment Process
- Regulatory—Federal: FDOF, USAC, Erate, USDA; State: CLEC, PSC
- Complete understanding of Pole Attachment Process



Funding Assistance

We provide assistance for our clients in the preparation of grant / loan funding applications. We will represent our clients and coordinate with the various funding agencies to obtain a favorable funding package. Once the funding has been secured, we will the begin to develop detailed engineering drawings and specifications for the project.

Funding Sources

- West Virginia Infrastructure and Jobs Development Council (WV IJDC)
- West Virginia Water Development Authority (WV WDA)
- West Virginia Bureau of Public Health - Drinking Water Treatment Revolving Fund (WV BPH-DWTRF)
- West Virginia Department of Environmental Protection - Clean Water State Revolving Fund (WV DEP-CWSRF)
- Private Bank Funding
- Appalachian Regional Commission (ARC)
- United States Department of Agriculture Development Loans (USDA-RD)
- Housing and Urban Development - Community Development Block Grant (HUD-CDBG)
- Ohio Environmental Protection Agency (Ohio EPA)
- Ohio Rural Community Assistance Program (Ohio RCAP) - Funding Assistance
- United States Army Corps of Engineers (USACOE)



Technical Expert Testimony

With over forty years of professional engineering experience, we are more than capable of providing expert witness testimony to our clients should a need arise. We have multiple registered professional engineers in various disciplines, and these professionals are licensed throughout the United States. We are more than willing and ready in an utmost resolute manner to defend our clients and ensure that their interests are represented in the courtroom.



