March 31, 2022



507 Richland Ave, Suite 201 Athens, OH 45701 740.447.5000

Department of Administration Attn: Purchasing Division 2019 Washington Street East Charleston, WV 25305

Re: Mountain Transit Authority Headquarters Upgrade - Summersville

To Department of Administration:

We are pleased to submit three (3) copies of our expression of interest for providing professional engineering 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

03/31/22 09:49:24 WW Purchasing Division

WATER / WASTEWATER
SITE DEVELOPMENT / SURVEYING /
STRUCTURAL / GEOTECHNICAL

Mountain Transit Authority



Request For
Statements of Qualification
For
Architectural and Engineering Services
For
Mountain Transit Authority Headquarters Upgrade

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

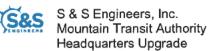
156 Woodrow Avenue, Suite 2A St. Clairsville, OH 43950 (740) 695-9977



Mountain Transit Authority Headquarters Upgrade Summersville, West Virginia

TABLE OF CONTENTS

Expression of Interest	1
Company Profile – S & S Engineers, Inc.	2
Company Profile - New River Engineering, Inc.	3
Company Profile - Green & Associates, LLC	4
Scope of Work	5
Plan of Approach	6
Project Experience	11
Funding	13
Project Management	14
Resumes of Key Personnel	16
Client References	34
Safety	36
Our Teaming Partners	37
Additional Services	38





Mountain Transit Authority Headquarters Upgrade

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 Summersville Mountain Transit Authority Headquarters 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 Mountain Transit Authority Headquarters. 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 the Mountain Transit Authority as any need would arise.

As President of our firm, Mr. Jessie O. Parker, Jr., P.E. will lead projects for the Headquarters. 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







SCOPE OF WORK

Mountain Transit Authority in Summersville WV is currently in the process of obtaining architectural and engineering services for providing upgrades to its headquarters. These upgrades will include an additional 3000 square feet to the existing building.

The Mountain Transit Authority is requesting the following engineering services to be provided:

- Preparation of preliminary environmental and design
- Preparation of final design
- Preparation of plans, specifications, and bidding documents
- Preparation of bidding and contract documents
- Participation in the evaluation of bids received
- Construction administration services
- Construction inspection services
- · Review and approve contractor's pay estimates

Any other services required by the Mountain Transit Authority 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 Mountain Transit Authority's (MTA) 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 MTA 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, MTA officials will be kept informed and involved in all important matters.
- S & S and NREI will assist the MTA 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 MTA 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 MTA 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
- 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 MTA 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 MTA officials. Important data sources include, but are not limited to the following:
 - i. Mountain Transit Authority
 - ii. WV Department of Environmental Protection
 - iii. USDA Rural Development
 - iv. WV Division of Highways (WVDOH)
 - v. Soil Conservation Service
 - vi. U.S. Corps of Engineers
 - vii. Local Citizens and Groups
- 2. Identify Project Work
 - Evaluate existing data, reports and design drawings, if available
 - b. Evaluate existing system/site
 - c. Evaluate environmental aspects
 - d. Summarize existing problems and make presentation
- Preliminary Design
 - a. Preliminary layout of proposed project
 - b. Land surveys for mapping, rights-of-way, and / or land acquisitions
 - c. Coordination with the MTA, WVDEP, USDA-RD and WVDOH
 - d. Preliminary Cost Estimates
 - e. Preliminary review with the MTA
- 4. Final Design
 - Incorporate review comments from the MTA, WVDEP, USDA-RD, WVDOH, and other agencies
 - 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 MTA, WVDOH, and other agencies
 - f. Prepare bid documents
 - g. Conduct pre-bid conference
 - Assist in advertising for bids, attend bid opening and assist in evaluation of bids with recommendations for awarding the construction of the project(s)



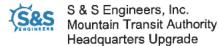


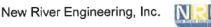


CONSTRUCTION PHASE

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

- Administrative Services 1.
 - Assist and advise the MTA in the preparation of construction contracts for signature(s)
 - Issue a "Notice to Proceed" to the appropriate Contractor(s) b.
 - Provide consultation and advise the MTA during construction C.
 - Preparation of elementary and supplementary sketches and / or drawings required to resolve problems arising from actual field conditions encountered
 - Review and approve shop drawings, diagrams, illustrations, e. 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
 - Receive and review maintenance and operating instructions, f. schedules, guarantees, bond and certificates of inspections which are to be assembled by the contractor(s) in accordance with the contract documents
 - Review and approve requests for periodic and final payments to the g. contractor(s)
 - Issue certificates of completion to the MTA for completed h. construction contracts
 - Review original drawings and provide to the MTA a digital copy on i. disk and two (2) sets of black line prints of "as-built" plans
 - Advise the MTA whether the project can meet the project j. performance standards
 - Attend monthly meetings during the construction period k.
 - Represent the MTA in technical matters and litigation, if required ١.
 - Provide engineering services during start-up of the facility m.
 - Provide training to MTA employees for the operation of the new n.
 - Provide one (1) year project performance certification ο.







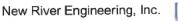
Field Services

- 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
- Efforts will be directed toward providing assurance to the MTA that the completed project will conform to the requirements of the contract documents
- c. Make general monthly construction progress reports to the MTA
- 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 MTA 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 MTA whether the project can meet the project performance standards in accordance with requirements for the project

SPECIAL SERVICES

- Land Surveys
 - a. Easements and right-of-way plat maps
 - b. Verify existing aboveground and underground utilities
 - Construction stakeout of proposed improvements of connection with existing utilities
- Attendance at Public Meetings to represent the MTA on technical matters
- 3. Attendance at Technical Meetings with the MTA, DEP, USDA-RD, etc.
- 4. Furnish technical assistance to the accountant and legal staff
- 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.





8. Putnam County Broad Band, Putnam County, WV

- **Description:** Planning, design, and construction management of a Broadband Loop System
- Funding Source:
- 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







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

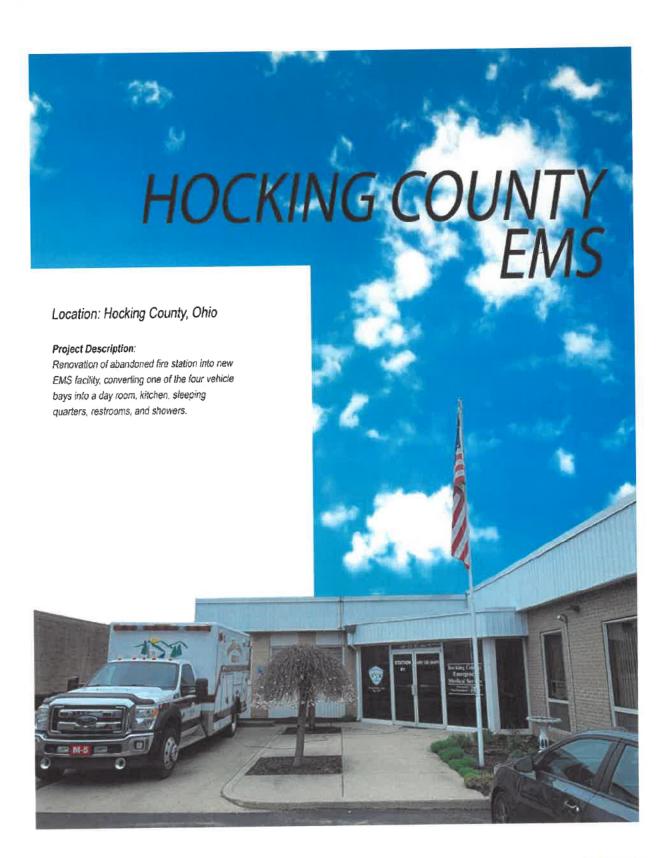
Project Description:

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.





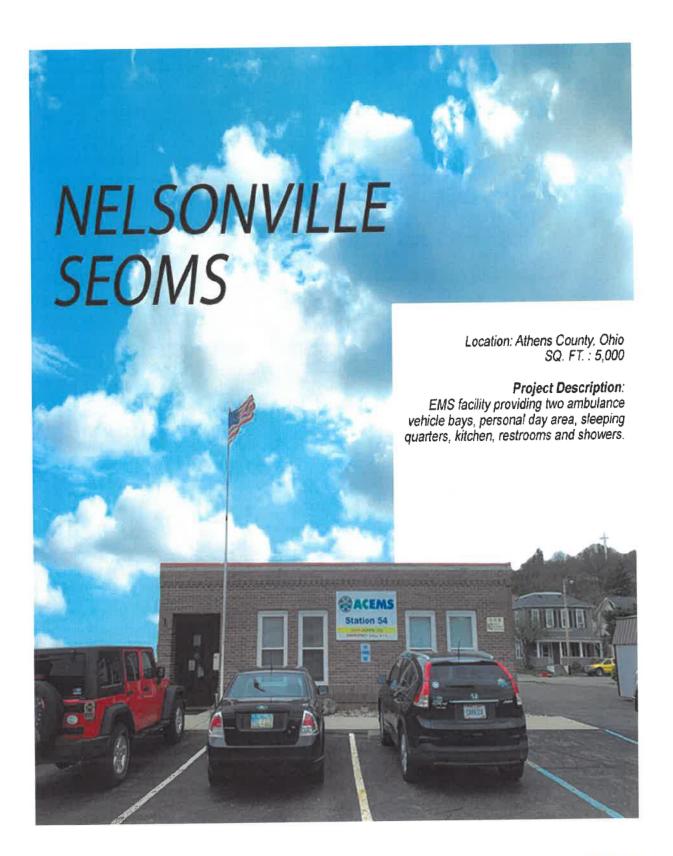






S & S Engineers, Inc. Mountain Transit Authority Headquarters Upgrade







S & S Engineers, Inc. Mountain Transit Authority Headquarters Upgrade



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.





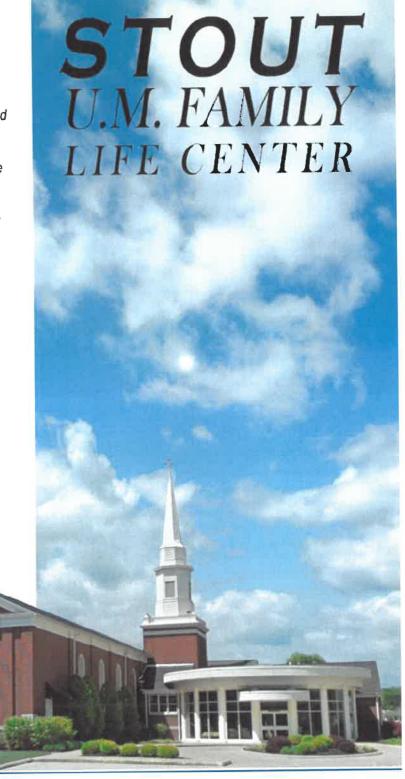


Location: Vienna, WV SQ. FT.: 20,227

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 the Mountain Transit Authority in preparation and submission of the grant / loan funding application to the WV Infrastructure & Jobs Development Council (IJDC), US Department of Agriculture - Rural Development (USDA-RD), WV Bureau of Public Health (BPH) - Drinking Water Treatment Revolving Fund (DWTRF), WV Department of Environmental Protection (DEP) — Clean Water State Revolving Fund (CWSRF), HUD - Community Development Block Grant (CDBG), Appalachian Regional Commission (ARC), Governor's Partnership Grant, Private Bank funding, etc. We will represent the Agency and coordinate with the various funding agencies to obtain a favorable funding package. 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 Agency 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 the Agency personnel, and regulatory and funding agencies.







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.

President (S&S) / Principal Engineer

Email: jop@s-s-eng.com

Christopher D. Burford Chief Operating Officer (S&S)/ President (NREI)

Email: cburford@nrei-wv.com

D. Matt Shelton Vice President (S&S) / Project Manager

Email: dms@s-s-eng.com

Michael Noel, NCARB Lead Architect

Email: mike.noel5050@gmail.com

Elijah T. Laramee, P.E. Senior Engineer

Email: etl@s-s-eng.com

Ashok M. Sanghavi, P.E., DEE, QEP Senior Engineer

Email: a.sanghavi@s-s-eng.com

Charles "Chuck" B. Kurzyna, P.E., P.S. Vice President (NREI) / Sr. Engineer/ Surveyor

Email: ckurzyna@nrei-wv.com

Charles "Charlie" T. Strope, P.E. Senior Principal Engineer in Charge (NREI)

Email: cstrope@nrei-wv.com

Randy B. Crace, P.S. Senior Professional Surveyor

Email: r.crace@s-s-eng.com

J. Michael "Mike" Green, P.S. Professional Surveyor

Email: mgreen@greenandassoc.net

Benjamin "Ben" Treadway Engineer / Project Manager

Email: btreadway@nrei-wv.com

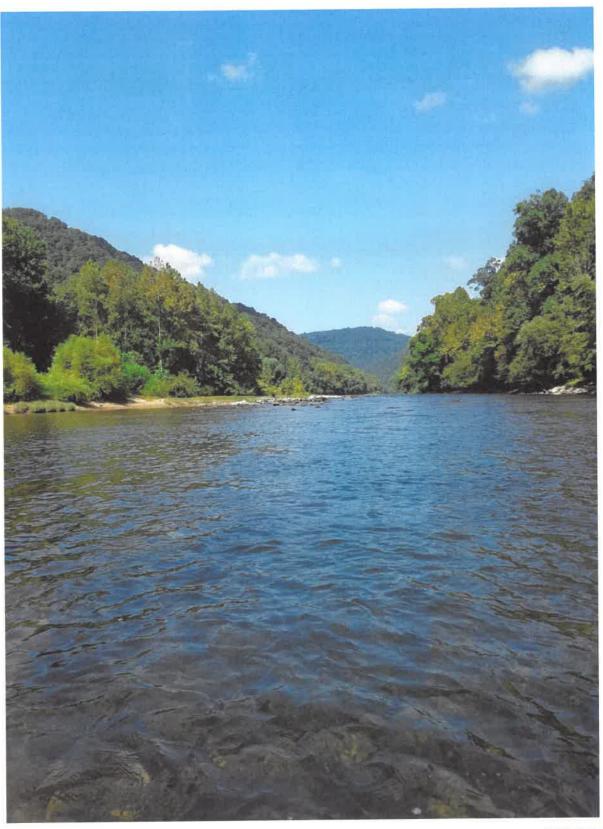
Vincent "Vince" Scriptunas Senior Engineer

Email: vscriptunas@nrei-wv.com

Robert Cuthbert GIS Analysist

Email: rdc@s-s-eng.com







S & S Engineers, Inc. Mountain Transit Authority Headquarters Upgrade

New River Engineering, Inc.



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 West Virginia, projects throughout Kentucky, Ohio, and Virginia. Mr. Parker has served in the capacity of Engineer, Project Manager, and Principalin Charge for a variety of projects at S & S. This experience includes environmental, water wastewater, storm water and supply, Mr. Parker's drainage projects. 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, City & 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 loanprograms.

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 **Plans** Permits. Federal Safety and Construction Oversight oversees Construction Management, and Mine Planning.

Green and Associates, LLC, St. Clairsville OH – manager and supervisor of survey crews and office personnel, business development, and coordination 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 of Technology 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

APNGA Certificate of Achievement Radiation Safety Officer Class

PROFESSIONAL AFFILIATIONS

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





21



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 site development, water wastewater, storm water and drainage. surveying, Also has experience in 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.

EDUCATION

Ohio University May 1974

1982

Register NCARB

Registered (WV) Professional

Registered (OH) Professional Registered (IL) Professional

Registered (FL) Professional

Civic Affiliations

Athens Rotary Club

Boy Scouts of America Athletes in Action

Certifications

Bachelor of Arts in Architecture

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.

PROJECTS

Hotels:

Morgan City-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.





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

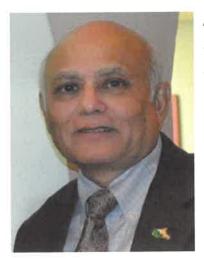
American Institute of Steel Construction AISC

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.







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

of professional forty-six years Over experience in civil engineering fields such environmental. water supply, wastewater, solid wastes management, drainage, and mining. He has provided desian. construction planning. technical expert management and 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.

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

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

environmental permits for large surface and deep mining operation; etc.







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 wali retaining design. and analysis, 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, escapeway maps, ventilation maps etc. Engineering analysis performed on coal pillar stability.

EDUCATION

Master of Business Administration

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

APNGA Certificate of Achievement Radiation Safety Officer Class

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 projects. Areas engineering concentration boundary surveys, subdivisions. mapping, topography, 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

October 2001

ASTM Phase I 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 Association 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.

and Leads surveying, engineering, 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 layout for all Wheeling construction Pittsburgh Steel plants and layout of the Power Plant major upgrades. Samis 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

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. Supervised construction projects for all mines. Prepared and submitted underground mining plans to 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 West Virginia University Tech Spring 2004
CERTIFICATIONS

Civil Engineering Technology

Bachelor of Science

Civil Engineering Technology

Associate of Science

West Virginia University Tech Fall 2005

EDUCATION

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

zones and stream data, filled out targeting sheets for homes with appropriate data.

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

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.

EDUCATION

Bachelor of Science
Mining Engineering

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

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



S & S Engineers, Inc. Mountain Transit Authority Headquarters Upgrade

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.







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

Mr. Will Harless Montage Resources Company 125 Putnam Street Marietta, OH (740) 374-2940 (304) 993-5510

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

Mr. Eric Bess Mott MacDonald 201 Pennsylvania S #400 Charleston, WV 25302 (304) 356-3010 Mr. G.R. Carr G.R. Carr Excavation Inc. 297 Nathan Rd. Pool, WV 26684 (304) 619-8903

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

Mr. Jamie Hake Allegheny Contracting, LLV 13374 Boot Jack Road Ridgway, PA 15853 (814) 772-2525

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

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.



S & S Engineers, Inc. Mountain Transit Authority Headquarters Upgrade

