



**E.L. ROBINSON**  
ENGINEERING

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WV PURCHASING  
DIVISION

## STATEMENT OF QUALIFICATIONS

AUGUST 28, 2018



STATE OF WEST VIRGINIA  
PURCHASING DIVISION  
CAMP DAWSON  
UNDERGROUND  
UTILITIES  
DESIGN

5088 Washington Street, West  
Charleston, WV 25313  
800.856.6485

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# E.L. ROBINSON ENGINEERING

T: 304.776.7473  
F: 304.776.6426

5088 Washington Street, West  
Charleston, WV 25313

[elrobinsonengineering.com](http://elrobinsonengineering.com)

August 28, 2018

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

Dear Ms. Gale,

E. L. Robinson Engineering (ELR) is pleased to have the opportunity to submit our Statement of Qualifications to provide Camp Dawson with engineering and design services for the Underground Utilities Design Project.

ELR's team is poised and equipped for this challenge with our vast experience including site civil, water, wastewater and stormwater engineering. You will see that teamwork is the spirit and foundation of our organization. ELR acknowledges the importance of a quick turn-around and excellent quality service, which our administrative procedures, overall organization and depth of experience provides. As you will see from our resumes and company experience, we are uniquely qualified to offer the professional services required to ensure that your project is successful. ELR employs an array of professional engineers and staff members who are experienced and motivated to provide quality engineering services to your organization.

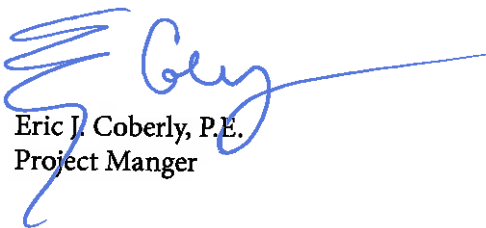
E.L. Robinson Engineering has a rich history in serving many of the State of West Virginia divisions. Specifically, ELR has completed several projects at West Virginia National Guard locations. Your project team includes one current National Guardsman, Tim Scott and one retired National Guardsman, Todd Schoolcraft who can both offer a unique view on this project.

We want to emphasize that this project is extremely important to E. L. Robinson Engineering, as it serves as an opportunity for ELR to forge a successful relationship with Camp Dawson. We look forward to personally discussing our qualifications to complete this project for you on-time and within budget, while exceeding the standards of any firm you may have worked with previously. Should you have any questions regarding this qualification statement, please do not hesitate to contact me.

Should you have any questions regarding this qualification statement, please do not hesitate to contact me.

Sincerely,

E.L. Robinson Engineering

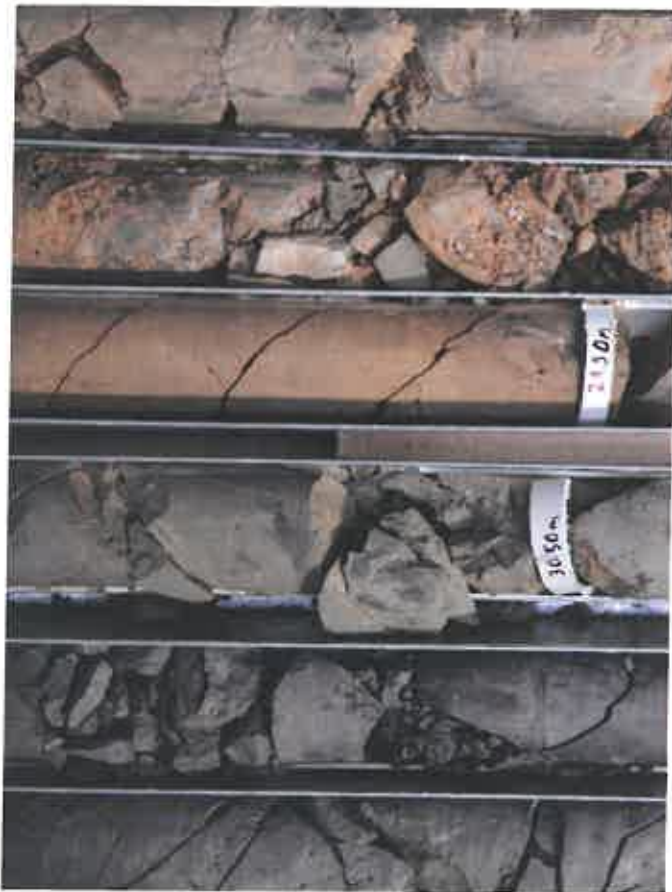


Eric J. Coberly, P.E.  
Project Manger

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## OVERVIEW



We come from humble beginnings and were founded and named after our president, Edward L. Robinson, P.E., P.S., in 1978. The company began as a small surveying firm with only four employees and has grown exponentially to what it is today – a highly diversified engineering and surveying firm with over 150 full time, experienced professionals and support personnel located in nine offices throughout West Virginia (Charleston, Beckley, Bridgeport, and Chapmanville), Kentucky, and Ohio. Over the past four decades, E.L. Robinson has grown to be one of the most respected firms in the region, offering a diverse scope of services. E.L. Robinson provides a full range of quality engineering services, from planning and analysis to design and implementation.

We attribute much of our continued success to our commitment to complete customer service, unwavering quality, and innovative solutions. ELR prides itself on overcoming obstacles and adapting to changing times. The firm uses diligence and a dedicated work ethic to complete every project on time, on or under budget.

E.L. Robinson Engineering boasts of a highly skilled and professional staff. We know that in order to take care of our clients, we must also take care of our own employees. The firm maintains an unheard of employee retention rate. ELR pairs its past experience with the technology of the future to provide the most thorough and advanced engineering knowledge and skills.

The use of technology has allowed the firm to expand engineering capabilities and make use of new resources such as satellite imagery and digital mapping. In addition to the use of technology, E.L. Robinson also continues to strive to invent new and more effective ways to serve our clients. One of these ways is to provide a thorough pre-analysis of every project, saving the client time, money, and legal exposure. When the client is educated on every phase of the job and every challenge, the reputation of the firm grows stronger and attracts business from a larger marketplace.

### Our Services

- Utilities Engineering
- Land Planning
- Transportation Engineering
- Landscape Architecture
- Construction Management
- Site Development
- Geotechnical Engineering
- Oil and Natural Gas
- Surveying and Technology



# QUALIFICATIONS



E.L. Robinson has over 150 staff members including 73 degreed engineers, 48 of which are registered professional engineers; 21 construction inspectors and a support team of administrative and technical personnel. Our firm's office in Charleston will provide the identified scope of services. This team of professional engineers, project designers, funding specialists, surveyors and construction inspectors has been specifically assembled for this project because of their experience relating to your project and others like it.

ELR has an exceptional background and proven success in the fields required to complete this project including:

**Site Development Design:** Our proven areas of experience in site development include community and public facilities, business parks, recreational areas, residential neighborhoods, urban planning and streetscape design, planned unit and community development, park and recreation design. Our firm has the ability and experience to perform multiple grading schemes to maximize the developable acreage while minimizing costs. Drainage control is performed and incorporated into the grade work in a manner that minimizes storm runoff and permitting issues.

**Water System Planning:** Our services include water service master plans, water treatment plant planning and design, pump station design, water tank design, waterline extension, water distribution modeling, water facilities security, leak investigations, permitting and capital investments funding.

**Wastewater Treatment and Collection:** Our services include wastewater treatment plant planning, sewage pump station design, sanitary sewer line extensions, collection systems capacity analysis, wastewater collection system modeling, combined sewer overflow planning, wastewater facilities security, infiltration and inflow investigations, permitting, and capital improvements funding.

**Stormwater Management:** Our proven experience includes stormwater master planning, detention design, pollution prevention plan development, line design, collection system capacity analysis, collection system planning, watershed modeling, floodplain impact analysis, infiltration and inflow investigations, hydraulic analysis and utility rate analysis.

The following is a list of sample projects that showcase our depth and capabilities in professional engineering and design. A more detailed description of these sample projects can be found later in this statement of qualifications.

## Site Development Design

- Mingo County Wood Products Industrial Park
- Putnam County Business Park Phase II Industrial Access Road
- Earl Ray Tomblin Industrial Park
- Upshur County Industrial Park
- Belo Industrial Park
- Southern Highlands Initiative Project Wood Park 20 Acre Site
- Jane Lew Industrial Park
- Demonstration Farm Industrial Park



# QUALIFICATIONS



## **Water:**

- Highland Mountain/Crickmer Road Waterline Extension Project
- Besoco/Pickshin Water Project
- Scott Road-Findley Road Waterline Extension
- Exchange Road Waterline Extension Phase II

## **Wastewater**

- Coalwood Sewer Project Phase 1
- Hinton Combined Sewer Overflow Improvements Project Phase I
- Bergoo Wastewater Collection and Treatment System
- Shady Spring PSD Sewage System Upgrade

## **Stormwater**

- Town of Salem Combined Sewer Overflow Project
- North Landbay Infrastructure Phase II
- South Landbay Infrastructure Phase I
- North Hill Road Storm Drainage and Upgrades
- CAMC 33rd Street Relocation
- Putnam County Business Park
- Gilbert Sidewalk & Storm Drainage Improvements
- Town of Wayne Combined Sewer Separation



## STAFFING/CAPACITY



**Mr. Eric Coberly, P.E.**, will serve as Project Manager. Mr. Coberly has over 30 years of experience in the field of engineering. He has managed an array of projects with ELR including site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, and various post mining land use projects. He has spent his career bettering the State of West Virginia in both the private and public sectors. Mr. Coberly has extensive knowledge and experience in AML project and design administration.



**Mr. Ed Robinson, P.E., P.S.**, will serve as Quality Control and Quality Assurance representative for the project team. Mr. Robinson has over 40 years experience in the engineering and construction field, where he has been a member of many associations and boards within the design field.



**Mr. Randall Lewis** will serve as Funding Manager. Mr. Lewis has over 30 years experience in the development of infrastructure in the State of West Virginia. Mr. Lewis has immeasurable knowledge of state and federal funding programs and interacts with various funding agencies on a regular basis.



**Mr. Jack Ramsey, P.E.**, will serve as Project Engineer. Mr. Ramsey has nearly 25 years of experience in the planning, design and construction management of water and wastewater systems. His proficiencies include preliminary engineering reports, feasibility studies, line layout, hydraulic design, lift and booster station design, water storage tank design, water and wastewater treatment plant design and rehabilitations, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.



**Mr. Jeff Petry, P.E.**, will serve as Project Engineer. Mr. Petry has nearly 10 years of experience as an infrastructure engineer. He's proficient in a multitude of areas such as project planning, design, modeling, bidding, construction monitoring and wastewater collection system analysis. He has played an integral part in a number of collection system analysis projects from initial studies to project scope development.



**Mr. Brandon Conley, P.E.**, will serve as Project Engineer. Mr. Conley has more than 8 years of experience in the planning, design, modeling, bidding and construction management of water and wastewater systems. His training includes preliminary engineering reports, line layout, hydraulic design, lift and booster station design, water storage tank design, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.



## STAFFING/CAPACITY



**Mr. Todd Schoolcraft**, will serve as Landscape Architect. Mr. Schoolcraft has over 25 years of experience in the fields of landscape architecture and land planning, with over 33 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects including commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout.

**Mr. Tim Scott, PLA**, will serve as Landscape Architect. Mr. Scott has experience in all phases of the design process in projects including: parks and recreation; streetscapes; commercial and residential design; civic and institutional design; botanic gardens; and trail design.

**Mr. Todd Garnes**, will serve as a Project Designer. He has more than 15 years of experience as a civil draftsman and designer. He is proficient in numerous drafting and mapping software platforms. His proficiency spans multiple areas such as Civil 3D, GIS, construction inspection, waterline planning and design, sanitary sewer planning and design, site development, cathodic protection planning, county-wide planning, infrastructure cataloging, and document preparation.

**Mr. Shawn Fore**, will serve as Project Designer. He has in excess of 15 years of experience as a CAD Designer in numerous areas of civil engineering. His representative experience includes civil site development, water and wastewater line treatment plants, abandoned mine lands reclamation, highway design, bridge inspection, utility location and mapping, hydrographic surveying, land surveying, environmental, wind energy and water sampling.





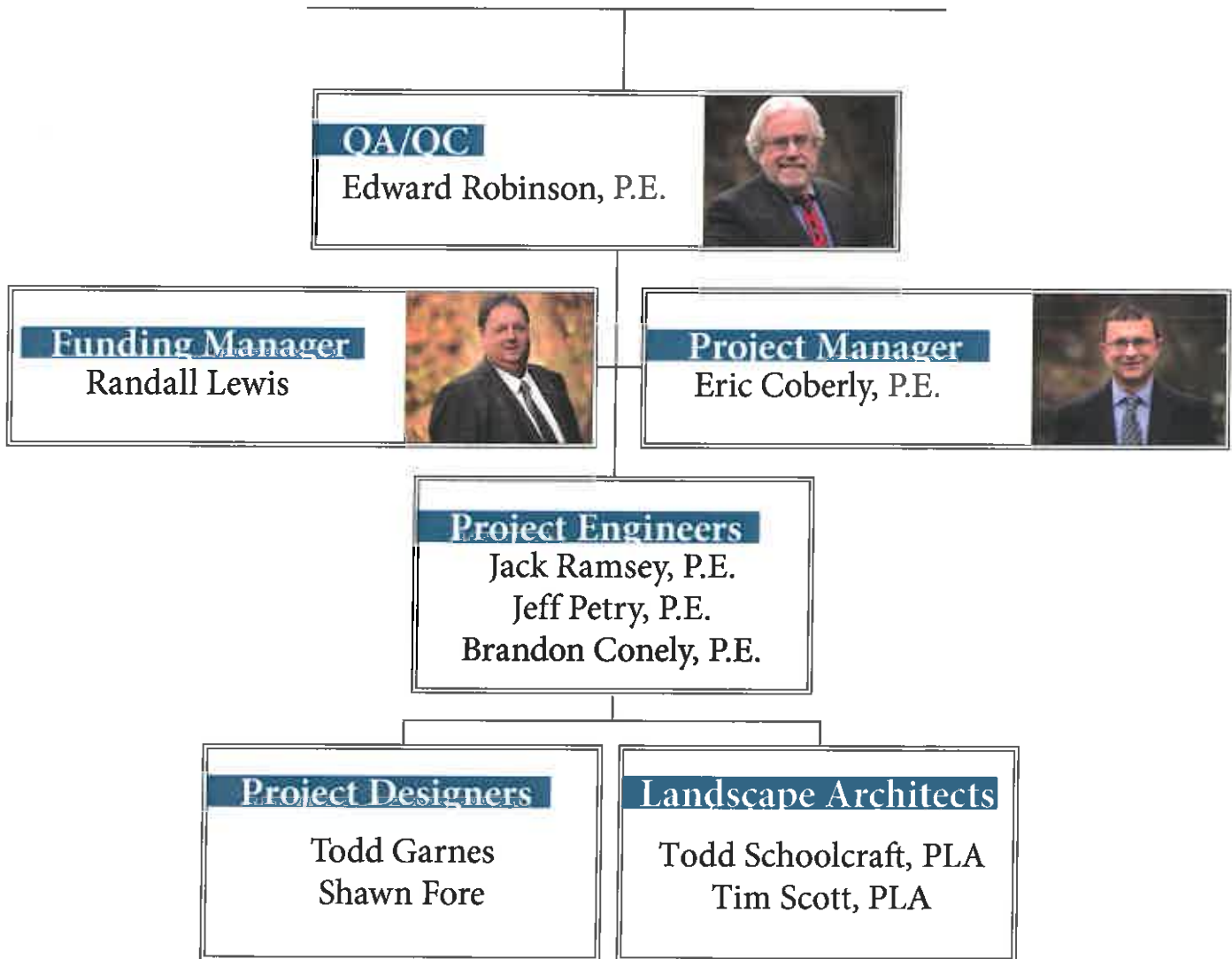
# PROJECT APPROACH



- Gather and prepare mapping of facility/field edit mapping
- Meet with the National Guard to discuss and define slope
- Prepare conceptual layouts and cost estimates
- Meet with the National Guard to discuss layouts and phasing
- Prepare preliminary design
- Submit preliminary design for comment
- Revise and prepare final design
- Design approval
- Bidding
- Construction Management



# CAMP DAWSON



**ERIC COBERLY, P.E.**  
**PROJECT MANAGER**



**Education**

M.S. Engineering of Mines, West Virginia University, 1990

B.S. Engineering of Mines, West Virginia University, 1983

**Registrations**

Registered Professional Engineer in West Virginia, Ohio, and Maryland



**Professional Experience**

Mr. Coberly has more than 30 years of experience as an infrastructure and mining engineer. He has extensive experience in project planning, funding coordination and design. Mr. Coberly has managed projects with ELR which have involved site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, providing expert witness services and various post mining land use projects.

Additionally, Mr. Coberly served as the Chief for the West Virginia Department of Environmental Protection Abandoned Mine Lands Division for more than 4 years. In this position he was responsible for managing and directing all operations. He has spent his career working to better the State of West Virginia in both the private and public sectors.

**Representative Projects**

The following is a sample list of recent projects on which Mr. Coberly has served as Project Manager

- City of Bluefield Commercialization Center - \$2.55 Million
- Greenfield Cabinetry Building Expansion - \$3.64 Million
- Scott Findley Road Waterline Extension Project - \$1.2 Million
- Exchange Road Phase I Waterline Extension - \$3.1 Million
- Putnam Business Park Utility Extension Phase II - \$1 Million
- Kenova Downtown Water System Upgrade - \$1.9 Million
- Kenova Prichard Waterline Replacement and Upgrade Project - \$4.7 Million
- Route 18 South-Snowbird Road Waterline Extension Project - \$969,000
- Big Flint Waterline Extension Project - \$7.8 Million
- Poca Belt Press - \$1.6 Million



ERIC COBERLY, P.E.  
(CONTINUED)



- Blue Knob Waterline Extension Project - \$2.3 Million
- Town of Burnsville Sewer Study - \$2.7 Million
- Bergoo Wastewater Collection and Treatment System Project - \$2.7 Million
- Cow Creek Waterline Extension Project - \$815,000
- WVDEP OSR Viking Preston Mining Project - \$2.3 Million
- Over 100 West Virginia Department of Environmental Protection Abandoned Mine Lands reclamation projects



**EDWARD L. ROBINSON, P.E., P.S.**  
**PRESIDENT**



**Education**

M.S. Civil Engineering, University of West Virginia  
College of Graduate Studies, 1981

B.S. Civil Engineering, West Virginia Institute of Technology, 1969



**Registrations**

Registered Professional Engineer in West Virginia, Kentucky, Ohio, Florida, Virginia, and North Carolina

Registered Professional Surveyor in West Virginia

**Professional Experience**

Mr. Robinson founded E. L. Robinson Engineering in 1978 with four employees. Initially the firm provided land surveying and land development services. Over the course of the next 20 years, the firm added water and wastewater engineering as well as structural inspection services simultaneously growing to 14 employees.

Under his leadership, E. L. Robinson enters the new millennium as a multi-disciplined professional services firm that utilizes the latest technology in the design of added infrastructure, highways, bridges, structures, environmental, civil, and geotechnical projects as well as global position satellite surveying, right-of-way, construction inspection and architectural services.

The firm now employs more than 135 engineers, architects, surveyors and support personnel and has been converted to an employee owned company through an Employee Stock Ownership Plan (ESOP).

**Professional Memberships**

National Society of Professional Engineers

American Society of Civil Engineers

Water Environmental Federation

**Offices Held**

Chairman of WVUIT Advisory PSD

President of West Virginia Council of Consulting Engineers

Chairman Transportation Committee - WV Association of Consulting Engineers

State Director of West Virginia Society of Professional Engineers

President of West Virginia Society of Professional Engineers



Assistant Treasurer of the American Society of Civil Engineers  
National Director of the ASCE representing WV, NC, SC and VA  
President of West Virginia Section of ASCE

**Honors Awarded**

Alumnus of the Year – West Virginia University Institute of Technology, 1992  
Engineer of the Year – West Virginia Society of Professional Engineers, 1997  
Engineer of the Year – American Society of Civil Engineers, 1998  
National Entrepreneur of the Year Finalist – Ernst & Young, 2001  
Engineering Entrepreneur of the Year – Ernst & Young, 2001  
Honorary PhD, Doctor of Science – West Virginia Institute of Technology 2002

### Education

B.S. Business Administration, Marshall University, 1985  
University of Kentucky Basic Economic Development Institute  
University of Oklahoma – Graduate Economic Development Institute



### Professional Experience

**E. L. Robinson Engineering: Vice-President** - Responsible for marketing and management of services to clients. Services include the development of infrastructure, transportation design, community planning and development. Results oriented and strategic leader with 30 years of experience in economic and community development producing desired results for clients. Highly skilled in planning, organizing and implementing clients goals and objectives from conception to completion including needs assessment, project design, financing and implementing, monitoring and close-out.

**West Virginia Rural Water Association: Executive Director** - Under his leadership at WVRWA, membership and budget growth skyrocketed to an all-time high. In the capacity of director of this association, legislative actions were influenced which positively affected the utility industry in West Virginia.

**Region II Planning and Development Council: Deputy Director** - While serving in this capacity, a diversity of experience was gained in dealing with the management of loan and grant programs. He gained a broad knowledge base through the development and management of infrastructure and economic development projects within cities, counties, and economic development authorities.

Mr. Lewis' expertise is planning and assisting governmental agencies to facilitate the development of infrastructure, while linking it to economic development. Adept at coordinating with various political entities including local, state, federal and regulatory agencies to achieve a harmonious accomplishment of clients' goals.

Possesses proven success in economic and infrastructure programs, budgeting and management, operation characteristics and service cross departmental project management, information technology initialization, human resource development, review and analyze data and deliver information in a comprehensible manner.

Strong background in relationship management, team building and goal attainment.

He has a vast knowledge of regulations concerning the Economic Grant Committee; Small Cities Block Grant Program; West Virginia Infrastructure and Jobs Development Council Program; Rural Economic and Community Development Program; U.S. Department of Commerce-Economic Development Administration; West Virginia Division of Environmental Protection Programs; Appalachian Regional Commission Programs and Army Corps of Engineers Programs.

Mr. Lewis has devoted his career to serving the citizens of West Virginia in the development of infrastructure and promotion of economic development. He has immeasurable knowledge of state and federal funding programs and interacts with funding agencies, water and wastewater system personnel, and elected officials on a regular basis. He has extensive experience communicating and networking with funding agencies, elected officials, and interaction with a myriad of private citizens.

His broad experience helps take projects that may otherwise be financially infeasible and develop practical and cost-effective solutions that allow them to be funded and constructed in a reasonable amount of time – satisfying the needs of our clients quickly. By partnering with different funding agencies, E.L. Robinson can develop projects in a manner that is consistent with available funding as opposed to developing a project that may never meet the requirements for state and/or federal funding assistance.

Mr. Lewis served as the first chairman of Wayne County Infrastructure and Planning Team for new highway construction. He has served on the Abandoned Mine Lands Water Resource Committee; WV Infrastructure and Jobs Development Council Consolidation Committee (Advisory Member); Miss Utility Board of Directors; West Virginia Rural Development Council Board of Directors.

### Recent Funding Experience

City of Bluefield Commercialization Center Project	Town of Gilbert Horsepen Water
Randolph County EDA Manufacturing Facility	Town of Gilbert Browning Fork
Mingo County Airport Water and Sewer Project	Town of Gilbert Horsepen Gilbert Creek
Mercer County Airport Water Project	Post Mine Land Use Planning: Ten Counties
Flatwoods Canoe Run Exchange Road Phase I	West Hamlin Waterline
Town of Clay Blue Knob Water Project	West Hamlin Sewer Improvements
Mingo County PSD Ben Creek Phase I	Mingo County PSD Lick Creek Waterline Extension
Mingo County PSD Ben Creek Phase II	Mingo County PSD Dingess Phase I
Mingo County PSD Beech Creek Project	Mingo County PSD Dingess Phase II
Lavalette PSD Nestlow Phase I & II	Mingo County PSD Jennies Creek
Lavalette PSD Route 37	Mingo County PSD Upper Marrowbone
Lavalette PSD Right Fork of Wilson/Newcomb Creek	Mingo County PSD Ben Creek Phase I
Crum PSD Mill Creek	Mingo County PSD Ben Creek Phase II
Crum PSD Phase I	Mingo County Redevelopment Authority King Coal Highway Phase I
Crum PSD Route 152 Phase II	Mingo County Redevelopment Authority King Coal Highway Phase II
Doddridge County PSD Snowbird Water Extension	
Crum PSD Route 52 North Water Project	





**JACK RAMSEY, P.E.**  
**PROJECT ENGINEER**



**Education**

B.S. Civil Engineering, West Virginia Institute of Technology, 1994

**Registrations**

Registered Professional Engineer in West Virginia, Ohio, Pennsylvania, and Virginia

**Professional Experience**

Mr. Ramsey has nearly 25 years of experience in the planning, design and construction management of water and wastewater systems. His proficiencies include preliminary engineering reports, feasibility studies, line layout, hydraulic design, lift and booster station design, water storage tank design, water and wastewater treatment plant design and rehabilitations, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.

Mr. Ramsey has worked on projects ranging in size from \$10,000 to over \$40 million. They include everything from single water line extensions to large-scale advanced technology wastewater treatment plants.

Mr. Ramsey has been recognized by the American Registry of Outstanding Professionals as well as Cambridge Who's Who in the field of water and wastewater engineering. He has also written several articles that have been published in the WV Rural Water Association's Quarterly. Mr. Ramsey also served as the Planning Director for the Town of Winfield Planning Commission from 2003 to 2007.

**Representative Projects**

**Wastewater:**

**Buffalo Creek PSD:** Wrote the preliminary engineering report for a \$13.4 million dollar sanitary sewer project. The project included new sanitary sewer lines in the Greenville / Landville area to serve 114 customers, replacement of the main lift station and force main to the WWTP and an upgrade to the existing WWTP. The upgrade included converting the process from RBCs to a VLR, replacement of the headworks, addition of a secondary clarifier, expansion of the chlorine contact chamber and other miscellaneous improvements.

**City of Catlettsburg:** Performed the design for a WWTP upgrade which included replacement of the grit removal system, expansion of the splitter box, installation of a third treatment unit, rehabilitation of the two (2) existing treatment units, installation of a centralized chlorine contact tank, installation of a belt filter press, replacement of the aeration blowers and other miscellaneous improvements. The project bid was \$2,684,000. This project is currently under construction.

**Kanawha Falls PSD:** Wrote the preliminary engineering report and performed the design for a \$6.7 million dollar sanitary sewer project. The project included replacement of a 12-inch force main, upgrades to 11 existing lift stations, equipment purchases and improvements to the existing WWTP. Improvements included renovations to the plant lift station, headworks upgrade, treatment unit repairs and other miscellaneous improvements.



Village of Cadiz: Performed the design and construction administration for the North Trunk Collection System Improvements – High Priority project. Project included replacement of 1,200 LF of 8-inch sewer line, rehabilitation of 3,675 LF of existing sewer line, rehabilitation of existing manholes and other miscellaneous improvements. The project bid was \$514,686.55.

Village of Cadiz: Wrote the preliminary engineering report for the South and Center Trunk Collection System Improvements project. Project included replacement of 26,900 LF of 8-inch and 6-inch sewer lines, rehabilitation of 22,950 LF of existing sewer line, rehabilitation of existing manholes and other miscellaneous improvements. The estimate construction cost is \$6,475,000. The project is currently in design.

Village of Rio Grande: Wrote the preliminary engineering report for the Wastewater System Improvements project. Project included replacement of 3,645 LF of 8-inch and 6-inch sewer lines, rehabilitation of 2,075 LF of existing sewer line, rehabilitation of existing manholes, installation of an automatic headworks unit and other miscellaneous improvements. The estimate construction cost is \$1,583,000. The project is currently in design.

Village of Woodsfield: Wrote the preliminary engineering report and performed the design for a \$2.3 million dollar sanitary sewer project. The project included separation of sanitary and storm lines, installation of an automatic bar screen, sludge drying bed improvements and other miscellaneous improvements.

Webster Springs PSD: Wrote the preliminary engineering report and performed the design for a \$2.7 million dollar sanitary sewer project. The project included new sanitary sewer lines / lift stations (Cluster System) in the Bergoo area to serve 61 customers and installation of a decentralized WWTP.

**Water:**

Excela Westmoreland Hospital: Design and permitting for three (3) secondary disinfection units within the facility to aide in combating Legionaries Disease.

Green Valley Glenwood PSD: Bidding and Construction Management for the water treatment plant upgrade, which consists of increasing the capacity from 600 gpm to 2,000 gpm by installing new sedimentation basins, new filters, replacing all pumps, construction of an underground clearwell, construction of a new high service pump / chlorine and fluoride building, construction of a new raw water chemical feed building, construction of a new raw water pump station and other improvements. The project bid was \$7,955,585. This project is currently under construction.

Green Valley Glenwood PSD: Bidding and Construction Management for the new raw water intake system, which consists of installation of approximately 15,515 LF of 16" PVC Raw Water Line, eleven (11) 16" Butterfly Valves and Boxes, nine (9) Air Relief Valves and all necessary appurtenances. The final construction cost was \$1,744,055.60.

Green Valley Glenwood PSD: Bidding and Construction Management for the Harmon School Road Extension, which consists of installation of approximately 7,865 LF of 6" PVC C900 Water Line, SIX (6) 6" Gate Valves and Boxes, two (2) Air Relief Valves, 22 Meter Settings, four (4) Fire Hydrants, one (1) Hydropneumatic Booster Station and all necessary appurtenances. The final construction cost was \$541,442.30.



JACK RAMSEY, P.E.  
(CONTINUED)



Green Valley Glenwood PSD: Bidding and Construction Management for the purchase and installation of approximately 3,885 radio read meters ranging in size from 5/8" to 6" and all necessary appurtenances. The final construction cost was \$910,246.

Kanawha Falls PSD: Design, Bidding and Construction Management of the Gauley River Water Line Replacement project. Project included design and permitting of approximately 550 LF of 10" HPDE pipe via directional drill under the Gauley River. The final construction cost was \$278,622.

Village of Cadiz: Performed the Design and Bidding for the Water System Improvements project. Project included replacement of 14,875 LF of 2-inch and 12-inch water lines, 30 gate valves and other miscellaneous improvements. The project bid was \$1,398,946.04. The project is currently in construction.



**JEFF PETRY, P.E.**  
**PROJECT ENGINEER**



**Education**

B.S. Civil Engineering, West Virginia Institute of Technology, 2008

**Registrations**

Registered Professional Engineer in West Virginia

**Professional Experience**

Mr. Petry has almost 10 years of experience as an infrastructure engineer. He has experience in a variety of areas including potable water distribution system extensions, wastewater collection system extensions, wastewater collection and treatment systems inflow and infiltration studies, and wastewater collection system remediation projects. He is proficient in a multitude of areas such as project planning, design, modeling, bidding, construction monitoring and wastewater collection system analysis.



**Representative Projects**

Mr. Petry has been a Project Designer/Project Engineer on the following projects:

- Town of Wayne Waste Water Treatment Plant Project
- Town of Burnsville Sanitary Sewer Evaluation Survey
- Town of Bradshaw Comprehensive Sanitary Sewer Upgrade Plan
- Branchland-Midkiff PSD - Two Mile Creek Water Extension Project
- Town of Gilbert - Upper Gilbert Creek Water Extension Project
- Town of Gilbert - River Bend Road Water Extension Project
- Marshall County PSD - Mozart Sewer Extension Project
- Town of Salem - Sewer System Evaluation Survey Project
- Town of Salem - Storm Water Elimination Project
- City of Williamson - Sewer System Upgrade Project



**BRANDON CONLEY, P.E.**  
**PROJECT ENGINEER**



**Education**

M.S.E. Engineering Management, Marshall University, 2016

B.S. Civil Engineering, West Virginia Institute of Technology, 2009

**Registrations**

Registered Professional Engineer in West Virginia, Kentucky and Ohio



**Professional Experience**

Mr. Conley has more than 8 years of experience in the planning, design, modeling, bidding and construction management of water and wastewater systems. His training includes preliminary engineering reports, line layout, hydraulic design, lift and booster station design, water storage tank design, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.

**Representative Projects**

Eastern Wyoming PSD Barkers Ridge/Basin Phase I & II Waterline Extension Project: Construction and design with a \$10,644,000 cost.

Eastern Wyoming PSD Beartown-Herndon Heights AML Waterline Extension Project: Construction with a \$9,388,000 cost.

Eastern Wyoming PSD Bud/Alpoca Water System Upgrade Project: Construction with a \$2,270,000 cost.

Eastern Wyoming PSD Covel Waterline Extension Project: Construction with a \$5,860,000 cost.

Eastern Wyoming PSD Otsego Waterline Extension Project: Construction with a \$9,828,000 cost.

Lincoln PSD Lower Mud River Waterline Extension Project: Construction with a \$6,452,000 cost.

Logan County PSD Big Harts Phase I through V Waterline Extension Project: Planning, design and construction with a \$22,810,000 cost.

Logan County PSD Big Ugly Creek Road Phase I through III Waterline Extension Project: Planning with a \$10,035,000 cost.

Logan County PSD Frances Creek Waterline Extension Project: Construction with a \$2,830,000 cost.

Logan County PSD Hidden Valley/Airport Road Water System Upgrade Project: Construction with a \$1,307,000 cost.

Mingo County Redevelopment Authority Mingo County Air Transportation Park Water and Sewer Extension Project: Design with a \$7,000,000 cost.



BRANDON CONLEY, P.E.  
(CONTINUED)



Town of Chapmanville Water System Upgrade Project Phase I & II: Construction and design with a \$5,050,000 cost.

Town of Williamson Water System Upgrade Project: Design with a \$11,764,000 cost.



## Todd Schoolcraft, PLA Landscape Architect



### Education

B.S. Landscape Architecture, West Virginia University, 1991  
Safe Spaces: ASLA Security Design Symposium, Chicago, IL, 2004  
AQUA Conference Educational Sessions, Las Vegas, NV, 2005  
CERFP Team Training, WV Army National Guard, 2006

### Registrations

PLA, West Virginia, 1995  
RLA, North Carolina, 2005  
RLA, Ohio, 2002  
CLARB Certified, 2001  
LEED® Green Associate, 2012



### Professional Experience

Mr. Schoolcraft has over 25 years of experience in the fields of landscape architecture and land planning, with over 33 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects and leading multi-disciplined teams of professionals resulting in the successful delivery of numerous quality projects on-time and on-budget. Major areas of specialty include commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft is a retired U.S. Army Officer, holding the rank of Major, with over 23 years of time in service in the U.S. armed forces. In the last years of service, he held the position of Operations Officer with the newly formed Chemical, Biological, Radiological, Nuclear or High Yield Explosive Enhanced Response Force Package Team (CERFP Team) with the West Virginia Army National Guard. Prior to this, he was a combat engineer with the Design Section of the 111th Engineer Group, West Virginia Army National Guard. The 111th Engineer Group served in the Middle East in support of Operation Iraqi Freedom and Operation Enduring Freedom. During that time, Mr. Schoolcraft was awarded the Bronze Star Medal for meritorious service associated with a multitude of engineering and architectural projects in Kuwait and Iraq. Mr. Schoolcraft was appointed by the governor to the West Virginia State Board of Landscape Architects and served over 9 years as Secretary and Treasurer.

### Representative Projects

Lost Creek Train Depot Rehabilitation for the Town of Lost Creek in Lost Creek, West Virginia. Landscape Architect. Responsible for concept planning design and document quality oversight. The Town of Lost Creek solicited services for the planning and design of the rehabilitation of a historic train depot adjacent to the Harrison County Rail Trail. Prepared a plan to raise the structure, make repairs to the deteriorated timber substructure, excavate and place the concrete foundation system, then lower the structure to rest on the new foundation. Also provided construction administration and inspection services as well as periodic site review during construction.



Greenbrier River Rail-Trail Improvements for the West Virginia Department of Natural Resources, Parks and Recreation Division in Greenbrier County, West Virginia.

Project Landscape Architect. Responsible for field inventory and analysis, base map preparation, concept development, detailed design, and construction documents preparation. The banks of the Greenbrier River were literally washed away twice during severe flooding in 1996. Also washed away were parts of the Greenbrier River Trail, the 88-mile former railroad line from Cass to Caldwell, which is maintained by the West Virginia Division of Natural Resources. Our charge was to assess the damage on a 24-mile section of trail from Cass to Marlinton, which ranged from simple debris removal to replacement of the entire trail cross section and sub-base material. This inventory of damage was graphically represented utilizing digital scans of the original 1916 Chesapeake and Ohio Railway Co. Valuation Maps, indicating exact locations, the extent of damage, and treatment required.

Brooke-Hancock County Veterans Memorial Park for the Brooke County Commission and Brooke-Hancock County Veterans Memorial, Inc. in Weirton, West Virginia.

Project Manager. Responsible for conceptual design, detailed design, construction documents, bidding, and construction administration. Developed a concept plan for the expansion of the Veterans Memorial Park in Weirton. Improvements to the Park included brick sidewalks, parking, lawn area, Vietnam-era fighter jet display, WWII naval anchor, and a 911 Twin Towers display. The 911 Monument consisted of a contemplation garden with a bench and sculpture constructed from steel salvaged from the aftermath of the Twin Towers site in New York City. Landscaping, lighting, and grading improvements were also included in the final design.

Virginia's Chapel Interpretive Roadside Park, Midland Trail Scenic Highway for the Town of Cedar Grove in Cedar Grove, West Virginia.

Project Manager. Responsible for conceptual design, detailed design and construction document quality oversight. Performed field inventory and analysis functions for the final design, as well as periodic inspection services. Provided landscape architecture services for the construction of a roadside park interpretive center with pervious concrete sidewalks, porous asphalt parking, rain garden and other landscaping, benches, trash receptacles, accessible picnic tables, gazebo and interpretive signage for the historic Virginia's Chapel Roadside Interpretive Center along the beautiful Midland Trail Scenic Byway. Services include base mapping, background data collection, concept and final design, bidding, construction management, and construction inspection.

Pennsboro Trailhead, Old Stone House/Boarding House, and Historic B&O Train Depot Improvements for the City of Pennsboro and the Ritchie County Historical Society in Pennsboro, West Virginia.

Project Landscape Architect. Responsible for concept planning, detailed design, construction documents, bidding, construction administration and construction inspection. The Ritchie County Historical Society, in conjunction with the City of Pennsboro, solicited services for the planning and detailed design of a new trailhead along the North Bend State Park Rail Trail. Site improvements include the first known use of pervious or porous asphalt in West Virginia as the pavement surface for the parking area. A rain garden/bio-retention swale was also included as some of the green, sustainable design solutions proposed. Construction administration and inspection services were provided for the trailhead work, plus restoration of the Old Stone House and Boarding House, built in 1810. Now a museum, the Old Stone House/Boarding House once served as an inn for Americans heading for the frontier to rest their weary bones before continuing westward. Construction services also included the continued restoration of the historic B&O Railroad Depot in Pennsboro, also currently serving as a museum. This project was awarded an ASLA Merit Award.



Tim Scott, PLA  
Landscape Architect



**Education**

B.S. Landscape Architecture Minor in Geography: GIS and Regional Planning and Development  
West Virginia University, 2010

**Registrations**

Professional Landscape Architect in Ohio



**Professional Experience**

Mr. Scott joined E.L. Robinson in August of 2016 and has since become an integral part of the design team. Prior to joining E.L. Robinson, Mr. Scott worked for a small landscape architecture firm in eastern Ohio where he was the project manager for residential projects while also working on various other projects that spanned into northern West Virginia and south-eastern Pennsylvania. Mr. Scott has experience in all phases of the design process in projects including: parks and recreation; streetscapes; commercial and residential design; civic and institutional design; botanic gardens; and trail design. Aside from working at E.L. Robinson, Mr. Scott has over twenty years of military experience and currently flies UH-60 Blackhawk helicopters for the West Virginia Army National Guard.

**Representative Projects**

The Health Plan Corporate Headquarters - Wheeling, WV: Provided conceptual and final site designs; and prepared construction documents and bidding documents for the new corporate headquarters building in downtown Wheeling. The project consisted of a complete site design which included off-street parking, an outdoor pocket park, a sandstone and grass amphitheater and open space for outdoor exhibits. The project also included a new streetscape design which incorporated the use of bioswales which parallel between the sidewalks and on-street parking to help reduce the load on the city's storm system. The intent of the new streetscape design is to serve as the City of Wheeling's new standard for future streetscape designs.

Market Street Plaza Redesign - Wheeling, WV: Prepared construction documents and provided construction administration for the redesign of Market Street Plaza in downtown Wheeling. The redesign consisted of improving both vehicular and pedestrian traffic all while maintaining ADA standards; preserving and promoting a portion of the city of Wheeling's history and culture; and providing the area with a safe place for local businesses and their patrons to gather. The elements of the redesign consisted of new concrete sidewalks and brick paving; on-street and off-street parking; gated access for tenants; new tables and benches; historic interpretation and signage; and new planters and planting material.

Belmont County Senior Services Center - St. Clairsville, OH: Worked on all phases of the design process from conceptual design through preparing construction and bidding documents. The project consisted of a complete site design to include building location and orientation; visitor and employee parking design; vehicular and pedestrian circulation; and on-site storm water retention. The elements of the design included concrete sidewalks,

bioswales, traffic signage, and planting material.

**Military Road Park - Zanesville, OH:** Worked on all phases of the design process from conceptual design, to preparing construction and bidding documents, through providing construction administration and project close-out. The design of the project was to create an accessible trail which connected to an art museum through a newly established meadow and woods; removing invasive species while reestablishing native tree species to provide a wooded area over time. The initial design elements consisted of an accessible parking space, an asphalt trail, a wood chip path, a custom-designed stream crossing, deer fencing, and new planting.

**McIntire Wildlife Park - Zanesville, OH:** Worked on all phases of the design process from conceptual design through preparing construction and bidding documents. The design consisted of a reuse of the former site of McIntire Elementary School in Zanesville to create a pocket wildlife park for the local community as well as provide outdoor classrooms and educational spaces for the local schools. The enclosed park created new off-street parking; asphalt and compacted gravel trails through the site; an outdoor amphitheater/classroom; educational gardens; a water feature to attract wildlife; and bird houses, bird baths, and bat boxes. The planting scheme for the park was designed to create a succession of landscapes which mimic the natural landscapes of central and eastern Ohio: forests, successional shrub zones, and natural meadows; all while promoting wildlife habitation.

**Seven Springs Mountain Resort Parking Plan - Seven Springs, PA:** Assisted with conceptual redesign of the main parking lot for the main lodge of Seven Springs Mountain Resort in Pennsylvania. The redesign improved vehicular and pedestrian circulation while incorporating bioswales and bioretention for storm water control.

**Romney Streetscape - Romney WV:** Prepared construction documents for a sidewalk replacement project for the town of Romney. The design improved accessibility and addressed storm water issues while remaining sensitive to some of the town's historic structures. The elements of the design consist of: concrete sidewalks, accessible curb ramps, and curbing; yard drains with underdrain; and new catch basins.

**Charleston East End Safe Routes to School - Charleston, WV:** Prepared construction documents for a sidewalk replacement project for the city of Charleston as part of the Safe Routes to School program. The elements of the design consist of: concrete sidewalks, accessible curb ramps, curbing, and new catch basins.

**Forks of Coal State Natural Area - Alum Creek, WV:** Worked on final design and prepared construction documents for a new state natural area and education center at the confluence of the Big Coal and Little Coal Rivers. The project's final design encompassed a complete site design to include: a new access road; building placement and orientation; an entry plaza and gathering space; parking lot design with bioswales and a detention basin; vehicular and pedestrian circulation; an outdoor amphitheater/classroom with accessible seating and an accessible trail with retaining walls for access; and a new entry sign.

TODD GARNES  
PROJECT DESIGNER



**Education**

A.A.S. Architectural Drafting Technology  
West Virginia State College, 1999

A.A.S. Computer Aided Drafting and Design  
West Virginia State College, 1999

**Computer Skills**

Civil 3-D, ArcMap 10.1, AutoCAD Map, AutoCAD, MicroStation, Microsoft Office



**Professional Experience**

Mr. Garnes has more than 19 years of experience as a civil draftsman and designer. He is proficient in numerous drafting and mapping software platforms. His proficiency spans multiple areas such as Civil 3D, GIS, construction inspection, waterline planning and design, sanitary sewer planning and design, site development, cathodic protection planning, county-wide planning, infrastructure cataloging, and document preparation.

**Representative Projects**

**WVDOH:**

- City of Charleston - Lee Street Sidewalk Enhancements
- Town of Davis - Tucker County Rocks 2014

Village of Rio Grande Wastewater System Improvements and Wastewater Treatment Plant

Camp Caesar Infrastructure Improvements Project

Doddridge County PSD 2015 County Wide Water Study

Pocahontas County PSD


- Cheat Mountain Water Acquisition
- Dominion Waterline Extension

Village of Cadiz Water System Improvements Project

**WVDNR:**

- Watoga State Park Wastewater Treatment Plant Replacement Project
- North Bend State Park Waterline Extension
- Greenbrier State Forest Waterline Extension

Bluefield Commercialization Station

 Rahall Transportation Institute Land Use Master Plans – Boone, Clay, Fayette, Lincoln, Logan, McDowell,

Mercer, Wayne, Wyoming, Raleigh, Upshur, Webster, and Marshall Counties

Webster County PSD Bergoo Wastewater System and Wastewater Treatment Plant Improvements

GIS – Marshall County 10 Year Comprehensive Water and Sewer Study

Town of Gilbert:

- Slabtown, Tamcliff and Paynter Bottom Waterline Extension Project
- Horsepen, Gilbert Creek and Browning Fork Waterline Extension
- River Bend Road Waterline Extension
- Upper Gilbert Creek Waterline Extension

Logan County PSD:

- Upper Little Harts Creek Waterline Extension
- Big Harts Creek Waterline Extension
- Marsh Fork Waterline Extension
- Hidden Valley/Airport Road Waterline Extension
- Ridgeview Sewer – Railroad Permits

Lincoln PSD McCorkle Railroad Crossing

Lincoln EDA Lower Mud River Waterline Extension

Queen Shoals PSD Waterline Extension

Town of Chapmanville Water Upgrade Project

West Virginia American Water:

- Sanderson/Dutch Ridge Waterline Extension
- Miller Mountain Waterline Extension
- Upper Winifrede Waterline Extension


Mingo County Redevelopment Authority:

- King Coal Highway Water and Sewer Project
- Mingo Central High School Water and Sewer Project
- Mingo County Airport Water and Sewer Project

Putnam County Business Park Utilities Extension Project

Norton Harding Jimtown PSD Scott Run/Findley Road Waterline Extension Project

Town of Matewan Red Jacket Sanitary Sewer Upgrade Project



South Charleston Sanitary PSD Corridor G Sanitary Sewer Study

### Education

Drafting CADD Certificate (Microstation),  
Ben Franklin Career and Technical Center, 2000

CADD Certificate (Autocad),  
Carver Career and Technical Center, 1999

CADD Certificate (Civil 3D)



### Professional Experience

Mr. Fore has over 18 years of experience as a CAD Designer in numerous areas of civil engineering. His representative experience includes civil site development, water and wastewater line treatment plants, abandoned mine lands reclamation, highway design, bridge inspection, utility location and mapping, hydrographic surveying, land surveying, environmental, wind energy, water sampling, GPS and RTK.

He is adept in AutoCad Civil 3D (Version 2006 thru 2015). Further proficiency includes Autocad Land Desktop, Microstation, Inroads, Autodesk Vault Explorer, Eagle Point, TGO, Pathfinder Office, Hydro-Pro, Microsoft Access, Excel and Word. He provides training/support and workstation configuration, as well as data management of CAD and GIS related material.

### Representative Projects

Green Valley Glenwood PSD Raw Water System Upgrade

Village of Cadiz South and Center Collection System Improvements

City of Catlettsburg Wastewater Treatment Plant Upgrade

Kanawha Falls PSD Wastewater Treatment Plant Improvements

Kanawha Falls PSD Wastewater Collection System Improvements

Kanawha Falls PSD Gauley River Waterline Crossing Replacement

Village of Woodsfield Long Term Control Plan Phase 3

City of Salem Stormwater Elimination Project


Logan County PSD Holden Wastewater System Extension and Upgrade

Logan County PSD Mud Fork Wastewater System Extension and Upgrade

Excela Westmoreland Hospital Secondary Disinfection System

Buffalo Creek PSD Wastewater System Improvements

Lincoln County PSD Alum Creek Sewer

 McDowell County PSD Elkhorn Creek Clean Stream and Trout Habitat Initiative

## Mingo County Wood Products Industrial Park

**Project Location:** Mingo County, West Virginia

**Client:** Mingo County Redevelopment Authority

**Project Description:** The project involved site design including storm water drainage, expansion of existing wastewater treatment plant, preparation of construction plans and specifications, surveying and mapping, preparation of all necessary permit applications, preparation of bid/contract documents, participation in the solicitation and evaluation of bids, and construction administration. The project site utilized former mine lands.

**Cost:** \$ 3,875,000

## Putnam County Business Park Phase II Industrial Access Road

**Project Location:** Putnam County, West Virginia

**Client:** Putnam County Development Authority

**Project Description:** The project included the development of a business park access road from the existing Phase I of the business park to connect to the newly constructed Route 35. In addition, E.L. Robinson provided design services to layout the Phase II site providing property layout, water, sewer, electric and other amenities for the business park.

**Cost:** \$800,000

## Earl Ray Tomblin Industrial Park

**Project Location:** Logan County, West Virginia

**Client:** Logan County Development Authority

**Project Description:** The project included site design including storm water drainage; preparation of bid/contract documents; participation in the solicitation and evaluation of bids received; construction administration and inspection; assistance with easement/property acquisition; surveying and mapping; and preparation of all necessary permit applications. The development included 52 acres of land and located near the Southwest Regional Jail and US 119 Corridor G. The project site utilized former mine lands.

## Upshur County Industrial Park

**Project Location:** Upshur County, West Virginia

**Client:** Upshur County Development Authority

**Project Description:** This 20 acre site project included an approximately 2000 LF access roadway along with approximately 300,000 CY of excavation, temporary and permanent storm water control structures, approximately 5100 LF of 8" waterline, 2000 LF of 8" gravity sanitary sewer, 2700 LF of 4" force main sanitary sewer, and a sanitary sewer lift station and sewer access road.

**Cost:** \$3,000,000

## Belo Industrial Park

**Project Location:** Mingo County, West Virginia

**Client:** Mingo County Redevelopment Authority

**Project Description:** This project involved site design including storm water drainage, design of a wastewater treatment plant, preparation of construction plans and specifications, surveying and mapping, preparation of all necessary permit applications, preparation of bid/contract documents, participation in the solicitation and evaluation of bids, construction administration and inspection services.

**Cost:** \$ 1,300,000

## Southern Highlands Initiative Project Wood Park 20 Acre Site

**Project Location:** Mingo County, West Virginia

**Client:** Rahall Transportation Institute

**Project Description:** The project included the development of 20 additional acres at the already established Wood Products Industrial Park. ELR completed a site plan that will include grading, drainage, sewer, roads, water, electric, phone, fiber and other amenities required for the successful development of the industrial park. The site currently has water and sewer available.

**Cost:** \$800,000

## Jane Lew Industrial Park

**Project Location:** Lewis County, West Virginia

**Client:** WVDOT-DOH

**Project Description:** This project consisted of the study, design and preparation of construction contract plans and related documents to provide a left turn lane and modify the vertical alignment on Lewis County Route 7, which improved the site distance at the entrance to the Jane Lew Industrial Park. Also included as part of this project was the modification of the entrance to the Jane Lew Industrial Park to match the new grade of Lewis County Route 7.

**Cost:** \$950,000

## Demonstration Farm Industrial Park

**Project Location:** Lincoln County, West Virginia

**Client:** Lincoln County Development Authority

**Project Description:** This project involved site development at the former Demonstration Farm. ELR performed mapping, site layout, grading, drainage, water, sewer and other utility layouts. The site currently houses the County 911 Center and Transit Authority.

**Cost:** N/A

## Highland Mountain/Crickmer Road Waterline Extension Project

**Project Location:** Fayette County, West Virginia

**Client:** Danese PSD

**Project Description:** This project included the extension of water service to new customers on Highland Mountain and Crickmer Road. The project includes replacement of the PSD's failing Chestnut Knob pressure zone and includes a storage tank, booster station, pressure reducing station, approximately 84,000 LF of six-inch and smaller diameter water line. It will provide or improve service to 182 customers.

**Cost:** \$4,756,000

## Besoco/Pickshin Water Project

**Project Location:** Raleigh County, West Virginia

**Client:** Raleigh County PSD

**Project Description:** Extension of water service to new customers in Besoco and Pickshin. The project includes the installation of approximately 6,400 LF of four-inch and smaller diameter waterline and a pressure reducing station to serve seven new customers.

**Cost:** \$1,791,400

## Scott Road-Findley Road Waterline Extension

**Project Location:** Randolph County, West Virginia

**Client:** Norton Harding Jimtown PSD

**Project Description:** This project consists of the design and construction monitoring on a five mile waterline extension project in Randolph County. The six inch waterline extension provided service to areas determined to be affected by past coal mining activities.

**Cost:** \$1,300,000

## Exchange Road Waterline Extension Phase II

**Project Location:** Braxton County, West Virginia

**Client:** Flatwoods-Canoe Run PSD

**Project Description:** The proposed project will extend water and serve 39 additional customers. The project will utilize a mix of Abandoned Mine Land and Small City Block Grant funds.

**Cost:** \$2,500,000



## Coalwood Sewer Project Phase I

**Project Location:** McDowell County, West Virginia

**Client:** Fairmont McDowell County PSD

**Project Description:** This project includes the construction of approximately 4,600 lineal feet of 8" and smaller diameter sewer line, 2,300 lineal feet of 4" force main, one (1) lift station and one (1) 17,500 gallon per day wastewater treatment plant to provide service to 65 customers.

**Cost:** \$2,100,000

## Hinton Combined Sewer Overflow Improvements Project Phase 1

**Project Location:** Summers County, West Virginia

**Client:** City of Hinton

**Project Description:** This project consists of (a) replacing 6,000 LF of old terra cotta sewer lines and other related work in the Riverside Drive area of Bellepoint, (b) installing 6,300 LF of storm drain pipe and other related work to separate storm water from the sewer collection system in the Bellepoint area, (c) upgrading the Bellepoint Pump Station, and (d) upgrading the UV disinfection system at the Hinton WWTP.

**Cost:** \$3,000,000

## Bergoo Wastewater Collection and Treatment System

**Project Location:** Webster County, West Virginia

**Client:** Webster Springs PSD

**Project Description:** This project includes providing sewage collection and treatment system for 51 residences in the community of Bergoo. The system will include 4,600 feet of gravity line, 4,300 linear feet of force main, five pump stations and a small treatment plant.

**Cost:** \$2,692,500

## Shady Spring PSD Sewage System Upgrade

**Project Location:** Raleigh County, West Virginia

**Client:** Shady Spring PSD

**Project Description:** This project involved designing upgrades to 7 existing pump stations to accommodate the rapid growth in this area. The upgrades include larger pumps, new force mains, wet-well transducers to replace floats, new standby generators and a new standby generator to serve the sewage treatment plant.

**Cost:** \$2,100,000

## Salem Combined Sewer Overflow Project

**Project Location:** Harrison County, West Virginia

**Client:** Town of Salem

**Project Description:** The analysis of the data revealed portions of the system were well beyond their useful service life, in addition to many other issues. ELR is assisting the Town in moving forward to apply for funding, design solutions to the system deficiencies, and remediate the issues identified during the sanitary sewer evaluation survey.

**Cost:** \$1,900,000

## North Landbay Infrastructure Phase II

**Project Location:** Harrison County, West Virginia

**Client:** Genesis Partners

**Project Description:** This project consisted of the construction of storm sewer, sanitary sewer, manholes, water distribution lines, roadway, concrete curbs/sidewalks, and drainage control structures for the development of business sites at the award winning Charles Pointe mixed land use community.

**Cost:** \$2,300,000

## South Landbay Infrastructure Phase I

**Project Location:** Harrison County, West Virginia

**Client:** Genesis Partners

**Project Description:** This project included the construction of the Road A-4 and Road A-1 entrances, including a pre-cast arch bridge w/stone facing, roadway, storm water management, water and sewer mains, two sewage lift stations, as well as lighting and landscaping at the award winning Charles Pointe mixed land use community

**Cost:** \$8,800,000

## North Hill Road Storm Drainage Improvements

**Project Location:** Braxton County, West Virginia

**Client:** Town of Sutton

**Project Description:** This project involved designing a new storm sewer system including the replacement of about 800' of a combination of collapsed stone box culvert and pipes. A portion of an existing sanitary sewer on North Hill Road was collapsed with raw sewage entering the storm sewer system.

Due to an undersized line, the project also required placing new 48" HDPE pipe from the Elk River and connecting to the existing 30" pipe on Main Street, but rerouting a new 36" HDPE line into North Hill Road to carry the majority of all the storm drainage in the new line. Storm inlets were replaced at the intersection of Main and North Hill Road. Also the 48" storm line was routed through the Braxton County Courthouse lawn to save total repair of Third Street (brick street) within Sutton's Historic District.

## CAMC 33rd Street Relocation

**Project Location:** Kanawha County, West Virginia

**Client:** BSA Architects for CAMC General Division

**Project Description:** This project involved providing civil, structural, geotechnical engineering and landscape architectural services for a new clinical teaching facility, expanded medical facilities, improved parking, and a friendly eastern entry for the Memorial Hospital site.

**Cost:** \$2,300,000

## Putnam County Business Park

**Project Location:** Putnam County, West Virginia

**Client:** Putnam County Development Authority

**Project Description:** This project consisted of roadway design; building pad design; utility design including telephone and electrical conduits, water, wastewater and stormwater collection. This stormwater system collects the peak discharge from the new business park and routes it through the retention basins allowing the peak discharge to be moderated so peak post development discharges are equal or less than pre-development discharges. The stormwater retention ponds originally served as part of the sediment control system and upon completion of the business park, serve as permanent stormwater control features.

**Cost:** \$1,500,000

## Gilbert Sidewalk and Storm Drainage Improvements

**Project Location:** Mingo County, West Virginia

**Client:** Town of Gilbert

**Project Description:** This project included stormwater and sidewalk design. The project improved the pedestrian linages and stormwater management in the central business district of the town. The use of trench drains instead of drop inlets along US 52 and Gilbert Creek proved to be a successful and economical approach for storm drainage along the new sidewalk.

**Cost:** \$200,000

## Town of Wayne Combine Sewer Separation

**Project Location:** Wayne County, West Virginia

**Client:** Town of Wayne

**Project Description:** This project involved a study and subsequent design to eliminate the combined sanitary and storm sewers by constructing new separate storm and sanitary sewers. This eliminated the prior issue of sewer overflows into Twelvepole Creek.

**Cost:** \$3,000,000

## REFERENCES



**Mr. Jim Spencer**  
City of Bluefield  
200 Rogers Street  
Bluefield, WV 24701  
(304) 327-8670  
jspencer@cityofbluefield.com

**Mr. J.B. Heflin**  
Mingo County Public Service District  
1 Riverside Drive  
Naugatuck, WV 25685  
(304) 235-2244  
jbheflin@suddenlinkmail.com

**Mr. Mike McNulty**  
Putnam Public Service District  
107 South Poplar Fork Road  
Scott Depot, WV 25560  
(304) 757-6551  
mikemcnulty@putnampsd.com

**Ms. Leasha Johnson**  
Mingo County Redevelopment Authority  
1657 East Fourth Avenue  
Williamson, WV 25661  
(304) 235-0042  
ljohnson.mcra@suddenlinkmail.com

**Mr. Rodney Pritt**  
Flatwoods Canoe Run PSD  
406 Main Street  
Sutton, WV 26601  
(304) 765-2300  
fcrpsd@yahoo.com

**Mr. Lloyd Coleman**  
Pocahontas County PSD  
P.O. Box 250  
Durbin, WV 26264  
(304) 572-2566  
lcoleman@pcpsd.org

**Mr. Larry Stutler**  
Lincoln County Economic Development Authority  
6888 McClellan St., 2nd Floor, Ste. 2  
West Hamlin, WV 25571  
(304) 824-388  
larry@lincolneda.com

**Mr. Jim Boggs**  
Wayne County Commission  
700 Hendricks Street  
Wayne, WV 25570  
(304) 272-6350  
jimmyboggs@waynecountywv.org



**DESIGNATED CONTACT:** Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

\_\_\_\_\_  
(Name, Title)

Eric J. Coberly, P.E., Project Manger

\_\_\_\_\_  
(Printed Name and Title)

5088 Washington Street, West, Charleston, WV 25313

\_\_\_\_\_  
(Address)

304-776-7473/304-776-6426

\_\_\_\_\_  
(Phone Number) / (Fax Number)


ecoberly@elrobinson.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.

E.L. Robinson Engineering

\_\_\_\_\_  
(Company)

 ERIC J. COBERLY PROJECT MANAGER

\_\_\_\_\_  
(Authorized Signature) (Representative Name, Title)

Eric J. Coberly, P.E., Project Manager

\_\_\_\_\_  
(Printed Name and Title of Authorized Representative)

8/27/18

\_\_\_\_\_  
(Date)

304-776-7473/304-776-6426

\_\_\_\_\_  
(Phone Number) (Fax Number)

**ADDENDUM ACKNOWLEDGEMENT FORM  
SOLICITATION NO.:**

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

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

**Addendum Numbers Received:**

*(Check the box next to each addendum received)*

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

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

E.L. Robinson Engineering

Company

Authorized Signature

8/27/18

Date

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

STATE OF WEST VIRGINIA  
Purchasing Division

# PURCHASING AFFIDAVIT

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

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

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

**DEFINITIONS:**

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

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

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

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

**WITNESS THE FOLLOWING SIGNATURE:**

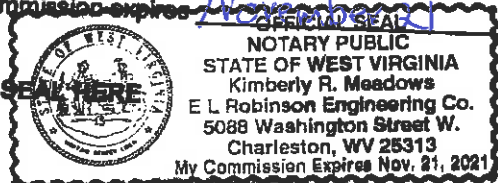
Vendor's Name: E.L. Robinson Engineering

Authorized Signature: [Signature] Date: 8/27/18

State of West Virginia  
County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 27 day of August, 2018.

My Commission expires November 21, 2021.



NOTARY PUBLIC [Signature]  
Purchasing Affidavit (Revised 01/19/2018)

## West Virginia Ethics Commission



### Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$100,000 or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

*"Business entity"* means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation.

*"Interested party"* or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision ~~does not apply to a publicly-traded company~~); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

*"State agency"* means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

*This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: [ethics@wv.gov](mailto:ethics@wv.gov); website: [www.ethics.wv.gov](http://www.ethics.wv.gov).*



West Virginia Ethics Commission  
**Disclosure of Interested Parties to Contracts**

(Required by W. Va. Code § 8D-1-2)

Contracting Business Entity: E.L. Robinson Engineering Address: 5088 Washington Street, W

Charleston, WV 25313

Authorized Agent: Eric J. Coberly, P.E. Address: same

Contract Number: ADJ1900000006 Contract Description: Camp Dawson Und. Utilities

Governmental agency awarding contract: State of West Virginia Purchasing Division

Check here if this is a Supplemental Disclosure

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

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

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

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

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

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

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

Signature: [Signature]

Date Signed: 8/27/18

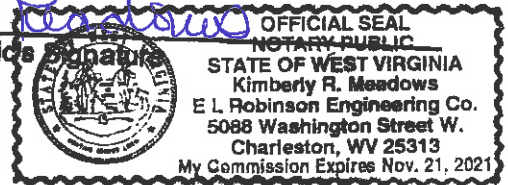
**Notary Verification**

State of West Virginia, County of Kanawha:

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

Taken, sworn to and subscribed before me this 27 day of August, 2018.

Kimberly R. Meadows  
Notary Public's Signature



**To be completed by State Agency:**  
Date Received by State Agency: \_\_\_\_\_  
Date submitted to Ethics Commission: \_\_\_\_\_  
Governmental agency submitting Disclosure: \_\_\_\_\_