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WV PURCHASING
DIVISION

EXPRESSION OF INTEREST

WVDEP-DLR-AML - EOI

Morgantown Airport Subsidence Phase II

Solicitation No.
CEOI 0313 DEP2500000001

Submission date: Oct. 29, 2024



www.elrobinsonengineering.com

Project contact:

Eric Coberly, P.E. • (304) 833-9021
5088 Washington Street W • Charleston, WV 25313

WV Department of Administration - Purchasing Division
ATTN: Mr. Joseph Hager
2019 Washington Street, East
Charleston, WV 25305

Re: Expression of Interest for A/E - Morgantown Airport Subsidence Phase II

Dear Mr. Hager:

E.L. Robinson Engineering (ELR) is pleased to have the opportunity to submit our Expression of Interest to the West Virginia Department of Environmental Protection, Division of Land Restoration professional services for design, and construction oversight aspects as needed for the Morgantown Airport Subsidence Phase II project.

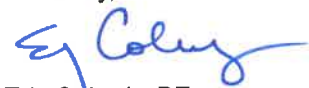
For more than 40 years, our team has been poised and equipped for project challenges with our vast infrastructure, geotechnical, roadway and structural engineering experience. ELR acknowledges the importance of a quick turn-around and excellent quality service, which our administrative procedures, overall organization and depth of experience provides. We employ an array of professional engineers and staff members who are experienced and motivated to provide quality engineering services.

Here are a few points of note that make ELR ideally suited to assist you on this project:

1. Our previous experience with numerous design projects throughout West Virginia will be an asset to the West Virginia Department of Environmental Protection in completing this project on time and within budget.
2. With design professionals from the fields of engineering and planning, our team has the ability to offer all the required services for this project completely in-house from our Cross Lanes, Kanawha County office.
3. **As a WVDEP employee, I participated in the three previous projects, including the Airport Road Subsidence project, Terminal Building Subsidence project and the Mileground Subsidence Project.**

We look forward to personally discussing our qualifications to complete this project for you on-time, within budget, and exceeding the standards of any firm you may have worked with previously. Should you have any questions or want to discuss the project further, please don't hesitate to contact me — **304-776-7473 ext. 218**.

Sincerely,



Eric Coberly, PE
President/Project Manager
ecoberly@elrobinson.com

WHO WE ARE.

E.L. Robinson Engineering Co. (ELR) provides a full range of quality engineering services, from planning and analysis to design and implementation. For over 45 years, ELR has grown to be a highly respected firm offering a diverse scope of services.

Founded in 1978 by Edward L. Robinson, a registered Professional Engineer (PE) and a Professional Surveyor (PS), the company started from humble beginnings. ELR began as a small surveying firm with four employees and has expanded to locations in three states as a highly-diversified engineering, planning and design and surveying firm with close to 200 employees.

In early 2023, Eric Coberly, PE, was named ELR President when Mr. Robinson retired. Mr. Coberly has 40 years engineering experience, specifically in the mining, utility and site/civil sectors.

WE'VE GOT YOU COVERED.

ELR professionals fill **7 offices** within an easy drive to project locations. Staff are readily available for phone and email correspondence, video calls, and in-person meetings.

WHAT WE ARE.

approx.

150+

employees



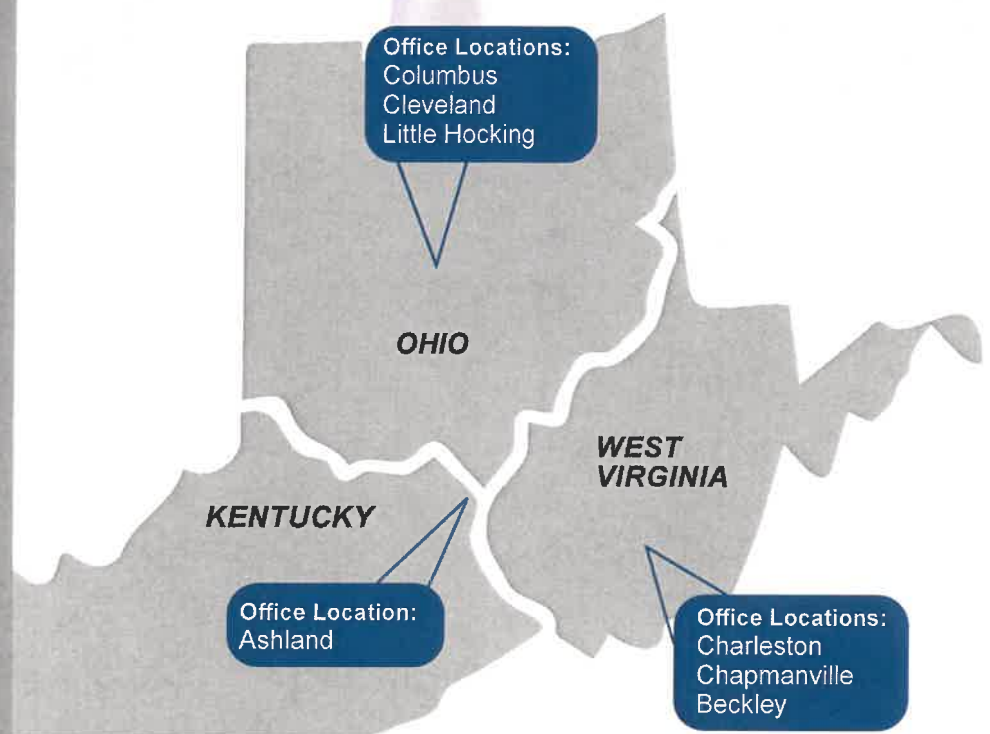
100%
employee
owned

50+

licensed PEs



WHERE WE ARE.



**TOP 500
DESIGN
FIRMS
2019**

EL Robinson
Engineering Co.

**TOP 500
DESIGN
FIRMS
2020**

EL Robinson
Engineering Co.

**TOP 500
DESIGN
FIRMS
2021**

EL Robinson
Engineering Co.

**TOP 500
DESIGN
FIRMS
2022**

EL Robinson
Engineering Co.

**TOP 500
DESIGN
FIRMS
2023**

EL Robinson
Engineering Co.

**TOP 500
DESIGN
FIRMS
2024**

EL Robinson
Engineering Co.

Address: 5088 Washington Street, West • Charleston, WV 25313
800.856.6485 • elrobinsonengineering.com

WHAT WE'LL DO.

It is our understanding that the **WVDEP** is seeking engineering services to design, specify and provide construction contract administration services for design, and construction oversight aspects as needed for the **Morgantown Airport Subsidence Phase II.**

The following is an outline of our approach to these projects:

- Evaluation of the existing system or area in question
- Evaluation of current and future needs
- Assessment of potential funding sources
- Design and construction related services
- Preparation of bidding and contract documents
- Monitoring and inspection of construction activities to ensure compliance with plans and specifications



PHASE 1 – INITIAL INVESTIGATION

Task 1 – Review Existing Information

Task 2 – Project Planning Meetings. We will schedule a meeting(s) with the WVDEP to discuss the needs and possible solutions. We will also schedule a meeting(s) with the various regulatory agencies to present the preliminary ideas and receive their input.



PHASE 2 – PRELIMINARY AND FINAL DESIGN

The following tasks will be accomplished as part of the preliminary and final design of the project.

Task 1 – Selection of Alternative. ELR will recommend specific alternatives for any project. The decision will be based on cost, feasibility of construction, operation and maintenance issues, and input from the WVDEP and regulatory agencies.

Task 2 – Mapping (if applicable). ELR will perform the necessary survey work to provide accurate and up-to-date mapping of the area. We will also include existing utility and property owner information.

Task 3 – Preliminary Design. ELR will perform preliminary design of the proposed improvements. We will then review the design with the WVDEP.

Task 4 – Final Design. ELR will incorporate any comments offered by the WVDEP as well as the regulatory agencies into the final design of your projects. We will then proceed with detailing the preliminary design. When the final design is completed, we will review with the WVDEP and make any necessary changes.

Task 5 – Final Approval. ELR will be responsible for completing all permit applications, conducting meetings with various regulatory agencies, and making final revisions to the plans and specifications.



PHASE 3 – BIDDING PHASE

ELR will assist the WVDEP bidding. We will conduct a pre-bid meeting, address all contractor questions, and assist with addendum, if any.

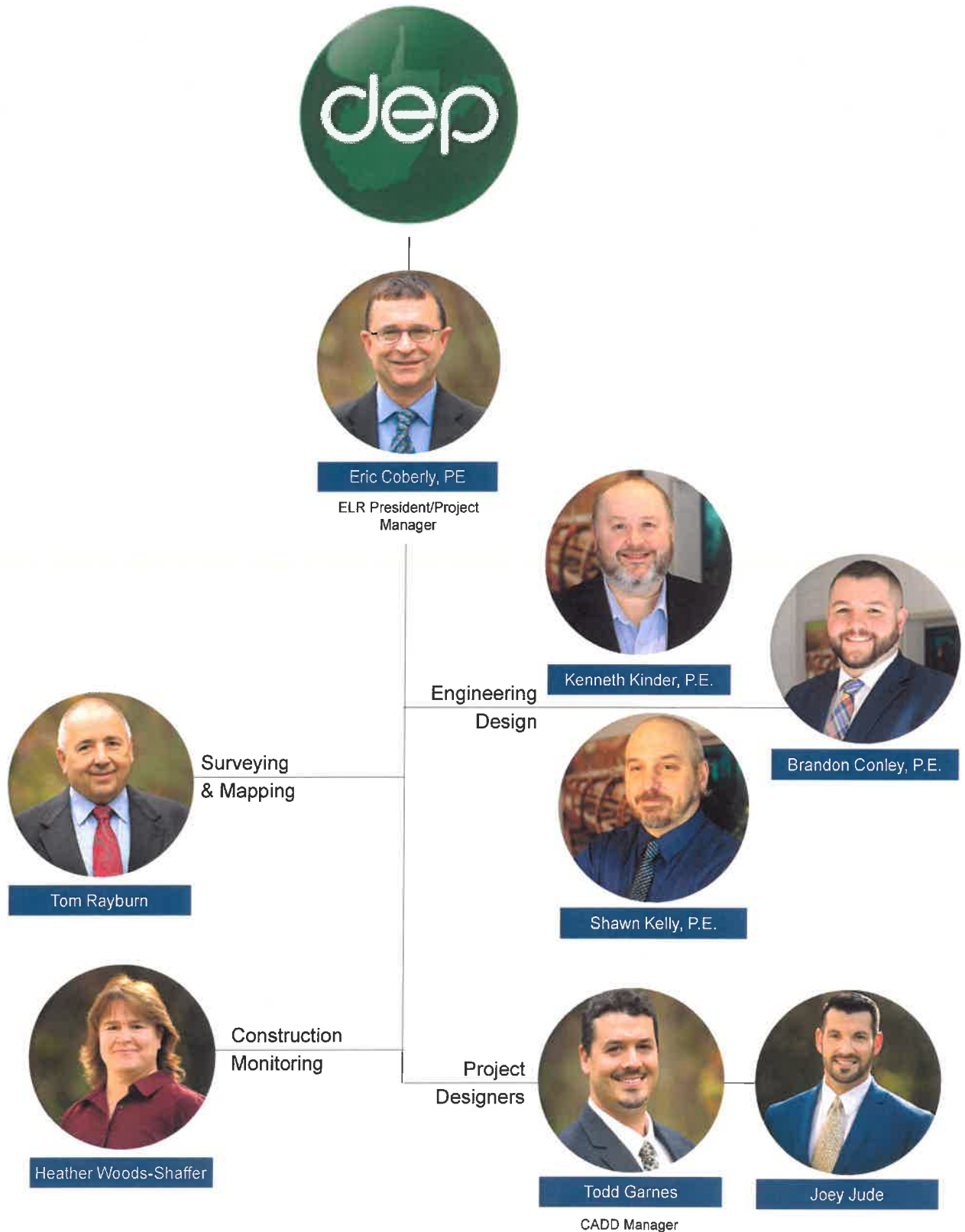


PHASE 4 – CONSTRUCTION ADMINISTRATION AND INSPECTION

ELR will provide construction administration and inspections services for the duration of the projects. ELR will provide the following services during construction (if applicable):

- Conduct a Pre-Construction Meeting
- Conduct a Semi-Final and Final Inspection
- Process Monthly Pay Requests
- Review Shop Drawings
- Attend Monthly Meetings

ORGANIZATIONAL CHART



ERIC COBERLY, PE

ELR President/Project Manager

Professional overview

Mr. Coberly has decades of experience as an infrastructure and civil engineer. His extensive experience as a Project Manager in various engineering disciplines includes site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation, building construction, active surface mining, insurance investigations, 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. Mr. Coberly has spent his career working to better the State of West Virginia in both the private and public sectors.

Relevant experience

Wastewater:

- Morgantown Utility Board Mountaintop Beverage Sewer Extension
- Frank-Bartow Sanitary Sewer Extension
- Town of Beverly Sewer
- Bergoo Wastewater Collection and Treatment System Project
- WVDNR Watoga and Chief Logan State Parks Sewer Plant Upgrades
- Putnam PSD Deer Valley Sewer Extension
- City of Philippi - Rt. 119 Sewer Extension
- Webster Springs PSD Bergoo Sewer System

Water:

- MUB Mountaintop Beverage Waterline Extension
- Heaters-Weyerhaeuser Waterline Upgrade
- Scott Findley Road Waterline Extension Project
- Exchange Road Phase I Waterline Extension
- Exchange Road Phase II Waterline Extension
- Kenova Downtown School Waterline Improvements
- Prichard Waterline Upgrade
- Route 18 South-Snowbird Road Waterline Extension Project
- Town of Clay Water Storage Tank Replacement
- Blue Knob Waterline Extension Project
- White Sulphur Springs Big Draft Waterline Extension
- Cow Creek Waterline Extension Project
- Blandville West Union Waterline Extension Project
- WVDNR Waterline Improvements - North Bend, Watoga, Babcock and Chief Logan State Parks
- Putnam PSD Water Plant Upgrades

Economic Development:

- City of Bluefield Commercialization Center
- Greenfield Cabinetry Building Expansion
- Putnam Business Park Utility Extension Phase II
- Raleigh County Memorial Airport Industrial Park Site Preparation Project
- Mingo County Wood Park Industrial Site
- Mingo County Belo Industrial Park



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

Years experience

39

BRANDON CONLEY, PE

Project Engineer

Professional overview

Mr. Conley has experience in project conception, planning, design, computer modeling, preparation of plans and specifications, permitting, coordinating with other utilities, land acquisition, easements, bidding, preparing invoices, construction management, site inspections and updating client's board members for a variety of projects ranging from small extensions to complete system upgrades. 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.

Relevant experience

- Logan County PSD – Northern Regional Water Treatment Plant Upgrade Project
- Logan County PSD - Big Harts Phase I through IV Waterline Extension Project
- Logan County PSD - Big Ugly Creek Road Phase I through III Waterline Extension Project
- Logan County PSD - Frances Creek Waterline Extension Project
- Logan County PSD - Hidden Valley/Airport Road Water System Upgrade Project
- Town of Chapmanville - Water System Upgrade Project Phase I & II
- Mingo County PSD – Hanover Waterline Extension Project
- Mingo County PSD – Upper Gilbert Creek Water Project
- Mingo County Redevelopment Authority - Mingo County Air Transportation Park Water and Sewer Extension Project
- Mingo County Redevelopment Authority – Air Transportation Park Development Project
- Mingo County Airport Authority – Mingo County Airport Roadway Access Improvements Project
- City of Williamson - Water System Upgrade Project
- City of Williamson – Wastewater Collection & Treatment System Upgrade Project
- Town of Gilbert - River Bend Road Waterline Extension Project
- West Virginia Division of Natural Resources - Claudia L. Workman Wildlife Education Center Phase I & II
- West Virginia Regional Technology Park - Site Development Project
- WV DOH & Kokosing Construction Company - Jefferson Road Upgrade Project
- WV DOH & Kokosing Construction Company - Corridor H2 Hamrick PSD Waterline Relocation Project
- City of White Sulphur Springs - Mapledale Water Storage Tank Project
- City of White Sulphur Springs – The Ridges Appurtenances Replacement Project
- Grant County Development Authority - Mountain Top Industrial Park Water & Sewer Upgrade Project
- Pendleton County Economic & Community Development Authority - Wastewater Treatment Plant Upgrade Project
- Town of Pax - Willis Branch Sewer Extension Project Phase I & II
- Town of Pax - Horse Creek & Town Creek Water Project
- Village of Harrisville (OH) - Wastewater Treatment Plant Upgrade Project
- Eastern Wyoming PSD - Barkers Ridge/Basin Phase I & II Waterline Extension Project
- Eastern Wyoming PSD - Beartown-Herndon Heights AML Waterline Extension Project
- Eastern Wyoming PSD - Bud/Alpoca Water System Upgrade Project
- Eastern Wyoming PSD - Covell Waterline Extension Project
- Eastern Wyoming PSD Otsego Waterline Extension Project



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

Experience since

2010

KENNETH KINDER, PE

Project Engineer

Professional overview

Mr. Kinder has experience in many facets of civil engineering. Mr. Kinder began his career as a staff engineer where he became proficient in the designing of projects and project management assistance. He has worked on an array of projects including civil site design, erosion and sediment control, stormwater management, hydraulic modeling, floodplain permitting, wastewater treatment, water treatment and distribution, geotechnical solutions, surface and underground coal permitting, limestone quarry permitting and solid waste landfill design. Mr. Kinder then moved into the role of Project Manager and served as an Office Leader while employed with a previous firm. Since joining ELR, Mr. Kinder has taken on the role of Project Manager on several notable projects.

Relevant experience

- Town of Rupert Stormwater Mitigation Project – Project Manager
- White Sulphur Springs - Stormwater Improvement Project - Project Manager
- Bluefield Sanitary Board Midway Sewer Replacement – Project Manager
- Bluefield Sanitary Board Thompson Pump Station and Nichols Road Sewer Extension - Project Manager
- City of Princeton Rogers Street Drainage Improvements Project – Project Manager
- Birch River PSD Wilson Ridge Waterline Extension Phase 2 – Project Manager
- Birch River PSD Mill Creek Waterline Extension Project – Project Manager
- Town of Rainelle Water Improvements Project – Project Manager
- Town of Rainelle - Clinic Hill Water Tank - Project Manager
- Danese PSD - Maplewood Water System Improvement Project - Project Manager
- Armstrong PSD Deepwater and Powellton Water Improvements Project – Project Manager
- Oakvale Road PSD Christian Fork Sewerline Repair Project – Project Manager
- Birch River PSD Emergency Standby Generators Project - Project manager
- Town of Rainelle - Emergency Standby Generator's Project - Project Manager
- Harbor Freight Retail Store Site Development – Civil Design Task Manager
- 13 individual WVDOH ADA Design-build Curb Ramp Projects – Project Manager
- Kanawha County, Clendenin, Logan County, and Richwood FEMA HMGP Flood Mitigation Projects – Project Manager
- WV Conservation Agency Elk Twomile Dam Seep Repair – Project Manager
- Kanawha County FEMA Flood Map Update Review – Project Manager
- Buffalo Creek and Gauley Recreational Trail – Flood Damage Assessments – Project Manager
- Nitro City Park Riverbank Restoration and Recreational Trail – Project Manager
- WVDEP LCAP Wheeling Landfill Closure Cap Design – Lead Design Engineer, Civil Task Manager, Assistant Project Manager
- 90 MW Solar Generation Facility in Raleigh County, WV –Stormwater and E&S Design Task Manager and Assistant Project Manager



Education

B.S. Civil Engineering,
West Virginia Institute of
Technology, 2003

Registrations

Registered Professional
Engineer - WV and VA

Certifications

Certified Floodplain Manager
(CFM)

Years experience

20

TODD GARNES

CAD Manager, Civil Designer

Professional overview

Mr. Garnes has decades of experience as a civil draftsman and designer. He is proficient in numerous drafting and mapping software platforms including Civil 3D, AutoCAD, and ArcMap. Mr. Garnes has experience in GIS, construction inspection, waterline planning and design, wastewater planning and design, site development, cathodic protection planning, county-wide planning, permitting, and construction document preparation.

Professional experience

- Bluefield Commercialization Station
- Mercer County PSD: Town of Matoaka Wastewater System Improvements
- Village of Bowerston Water System and Tank Improvements
- Village of Jewett Water System Improvements
- Putnam PSD Water Treatment Plant Upgrade
- Putnam PSD Olympia Fields Booster Station Replacement
- Pocahontas County PSD Wastewater Treatment Plant Upgrade Projects
- Pocahontas County PSD: Frank-Bartow Sanitary Sewer Extension
- Town of Durbin Sanitary and Storm Improvements
- West Virginia Division of Natural Resources:
 - Watoga State Park – Riverside Campground Wastewater Treatment Plant
 - Watoga State Park – Water System Improvements Project
 - Watoga State Park – Wastewater System Improvements
 - North Bend State Park Water System Improvements
 - Babcock State Park Water System Improvements
 - Chief Logan State Park Water System Improvements
 - Chief Logan State Park Campground Sanitary Sewer Extension
- First Tracts Realty – Forever Wild Site Development Project at Snowshoe Resort
- Western Pocahontas Properties, LLC – Thomas River View Development
- 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 North Bend State Park Waterline Extension
- 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 Improvement
- 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 EDA Lower Mud River Waterline Extension
- Town of Chapmanville Water Upgrade Project
- City of Charleston Lee Street Sidewalk Enhancements
- King Coal Highway Water and Sewer Project
- Putnam County Business Park Utilities Extension Project
- Norton Harding Jimtown PSD Scott Run/Findley Road Waterline Extension Project



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

Years experience

25

JOEY JUDE

Project Engineer

Professional overview

Mr. Jude has almost 20 years of experience as an project engineer intern and civil designer. His experience includes the planning and design of water distribution systems, sanitary sewer systems, and site development, preparation of bid documents and specifications and construction inspection. Mr. Jude has also assisted in the coordination of construction activities with clients and construction companies and managed construction budgets during the construction phase of the projects. Further, he is proficient in several drafting platforms including Civil 3D and WaterCAD.

Relevant experience

- MUB Mountaintop Beverage Sewer Line Extension Project
- Doddridge Co. PSD – Blandville-West Union Waterline Extension Project
- Doddridge Co. PSD – Route 18-Snowbird Rd. Waterline Extension Project
- Flatwoods-Canoe Run PSD – Exchange Road Phase I & II Waterline Extension Projects
- Flatwoods-Canoe Run PSD - Heaters-Weyerhaeuser Waterline Upgrade Project
- Putnam PSD – East End Tank Waterline Relocation Project
- Putnam PSD - Bills Creek Waterline Relocation Project
- City of Philippi – Route 119 Sewer Expansion Project
- City of White Sulphur Springs – Harts Run Waterline Extension Project
- Twisted Gun Recreational Area Development Water Extension Project
- Mingo County PSD Emergency Intake Construction Project
- Mingo County PSD Beech Creek Water Main Extension Project
- Mingo County PSD Ben Creek Phase I & II
- Mingo County PSD Marrowbone Waterline Extension Project
- Mingo County PSD Jennies Creek Waterline Extension Project
- Dingess Water Distribution System Extension Phase I & II
- Crocket Miller Fork Waterline Extension Project
- Nestlow Water Project Phase I & II
- Route 37 Water Extension Project
- Crum PSD Route 152 Water Project Phase I & II
- Lavalette Water Storage Tank
- Kenova Downtown Water System Upgrade



Education

B.S. Civil Engineering
Technology, West Virginia
Institute of Technology, 2007

Years experience

18

TOM RAYBURN, PS

Surveying Manager

Professional overview

Mr. Rayburn currently serves as Manager of Surveying for E.L. Robinson Engineering and has more than four decades of design surveying and construction surveying experience. His responsibilities include management of surveying and control for various design projects, including highways, buildings, and bridges. In addition, Mr. Rayburn manages and performs work consisting of courthouse research for property ownership resolution for the above mentioned project types. This includes preparation of property resolution maps, deed descriptions for property acquisitions required for project plan preparation. Mr. Rayburn has experience in Geodetic Control Surveys, 3D Laser Scanning, Photogrammetric Control, Topographic Surveys, Cemetery Surveys, Boundary Surveys, Construction Stakeout, Subdivision Surveys, along with Hydrographic surveys of river and lake bottoms. A few of the more notable surveying projects performed by ELR under the supervision of Mr. Rayburn, have been the Blennerhassett Bridge Project, 11 continuous miles of Corridor H design surveys, GPS Control for the West Virginia Statewide Mapping and Addressing PSD Project, 3D Laser Scan and mapping of the CAMC Parking Garage partial collapse, and 3D Laser Scanning of I64/I77 Retaining Wall for Monitoring.

Professional experience

- City of Flatoods, KY - Oaks Water Tank Topo, Boundary Survey
- City of Russell, KY - WTP Site Topo Survey
- City of Catlettsburg, KY - WWTP Site Topo, FEMA Flood Wall - Levy Survey
- City of Olive Hill, KY - Tygert's Creek Flood Mitigation Survey
- Grayson, KY Utilities - Damron Mayor Sanitary Sewer Level Survey
- Boyd Co, KY Sanitary District - Daniels Fork Sanitary Sewer
- City of Ironton, Ohio - CSO Separation Phases 1 -4
- City of Ironton, OH Riverfront Dock Ohio River Soundings
- ODOT - Ironton/ Russell Bridge OH River Soundings
- WV Rt. 10 (City of Man, Logan County) & Rt. 19 (Mercer Co)
- WVDOH St. Project S331-79-155 50.00 Blue Horizon Dr. (PA State Line)
- WVDOH Wellsburg Bridge Project
- WVDOH I-81 Widening Project
- Corridor H Kerens to US 219 Connector
- WVDOH I-70 Mining Project
- WVDOH WV Route 10 Operational Improvements
- Mingo County Redevelopment Wood Park WVDOH Access Road ROW Plans
- Chief Logan Recreational Center- Logan, WV
- WVDOH Median Improvement Surveys I-64 and I-77
- Surveys for Huntington Tri-State Airport Improvements
- Huntington Federal Building/USACOE Seven Floor Reconstruction Surveys
- Gallipolis Ohio Waterfront Survey



Education

A.S. Mechanical
Engineering, West Virginia
Institute of Technology, 1971

Registrations

Registered Professional
Surveyor in West Virginia,
Kentucky, North Carolina

Current Secretary for the
West Virginia Board of
Professional Surveyors

Member of National Society
of Professional Surveyors

Years experience

46

HEATHER WOODS-SHAFFER

Construction Inspection Manager

Professional overview

Mrs. Woods-Shaffer has experience in all phases of construction projects. Mrs. Woods-Shaffer has managed numerous WV highway and bridge projects throughout the state and has extensive knowledge in all aspects of the construction process. For nearly 15 years, she has worked as E.L. Robinson's Construction Inspection Manager/Safety Officer. As the Construction Inspection Manager her duties include the management of all construction inspection operations; estimation, preparation and securing of construction inspection and material testing projects throughout the State of West Virginia; assignment of personnel, preparation of invoices for reimbursement, coordination and communication between field inspectors, designers, contractors and clients; approval of sub contractor and vendor invoices, material and cost tracking; and ensuring that ELR has a core group of inspectors capable of handling all future assignments.

Further, Mrs. Woods-Shaffer serves as ELR's Safety Officer. Her duties include the evaluation and monitoring of safety protocols and guidelines associated with ELR's day to day construction/oil and gas operations; orientation and education of new construction hires regarding ELR's safety policies along with planning and facilitating required annual occupational health and safety training programs for all employees; selecting, ordering and training employees on the appropriate PPE use and care; and conducting accident and incident investigations, along with reporting accident statistics, running OSHA audits and providing corrective action recommendations.

Relevant experience

- WV 2 Proctor to Kent
- Corridor H US 219 to WV 72
- I-70 Mining, Wheeling, WV
- Corridor H Kerens to US 219 Connector
- Junior Bridge, Junior, WV
- Harmon Creek Bridge, Weirton, WV
- Various WVDOH Statewide contracts
- Cottageville T-Beam Bridge, Cottageville, WV
- South Fork Lee Exxon Bridge, Lubeck, WV
- I-77 Bridges: Surface Drive Overpass Bridges, Sissonville, WV
- McQuain Brothers Bridge, Clendenin, WV
- US Route 35 Design Build (CR 34 – Hurricane Creek), Winfield, WV
- US Route 35 Couch to Little Five Mile, Mason, WV
- Big Tyler Widening Project, Cross Lanes, WV
- Corridor D Ballfield relocation, Parkersburg, WV
- Corridor D Soccer field complex, Parkersburg, WV
- Garden Ground Highwall Phase II, Beckley, WV
- Hamlin Public Service District, Hamlin, WV



Certifications

Radiation Safety Officer
(RSO)

West Virginia Department of
Transportation HazMat

West Virginia Division
of Highways Aggregate
Sampling Inspector

WV Transportation
Engineering Technician
Certification Level III

OSHA 10-hour Occupational
Safety & Health Training
Course

OSHA 30-hour Occupational
Safety & Health Training
Course in Construction

First Aid/CPR - Adult/AED/
Blood Borne Pathogens
Training

Safe Gulf/Safe Land USA

Years experience

27

Over the past 45 years, E.L. Robinson Engineering has focused its efforts on delivering quality projects to our clients and building strong relationships based on trust and partnership. We believe building lasting relationships with our clients is key to delivering exceptional service for many years to come.

E.L. Robinson provides WVDEP-AML with the capabilities, expertise and resources of one of the top-notch civil engineering firms in the region. Our offices are staffed with professionals experienced in AML reclamation mapping, permitting, design and construction monitoring. Further, we are very familiar with the requirements of the permitting and regulatory agencies which expedites the completion of projects.

As part of our commitment to quality, E.L. Robinson realizes that every project, client and location is very different. As a result, we look at each project independently to determine the most feasible and functional solution. Specifically, we look at ways we can maximize the project benefit and minimize the construction cost while at the same time completing projects on time and within budget. We have demonstrated abilities in developing practical and cost-effective reclamation and improvement projects and are dedicated to meeting project schedules and budgets.

Maryland Shallmar Landslide Emergency

Project Location: Garrett County, Maryland
Completion Date: September 2018
Client: Maryland Department of the Environment

Project Description: Landslide Abatement Design

Maryland Scenic Railroad Landslide

Project Location: Frostburg, Maryland
Completion Date: August 2016
Client: Maryland Department of the Environment

Project Description: Landslide Abatement Design

Red Warrior Gob & Slide

Project Location: Kanawha County, West Virginia
Completion Date: June 2015
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying, drilling and design for a potential blowout area. Designed horizontal bore for dewatering.

North Matewan (Akers) Landslide

Project Location: Mingo County, WV
Completion Date: June 2013
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying, drilling and emergency design for stabilizing landslide.

Branchland (Blankenship) Landslide

Project Location: Lincoln County, West Virginia
Completion Date: May 2014
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying, drilling and emergency design for stabilizing landslide.

Coburns Creek Landslide

Project Location: Preston County, West Virginia
Completion Date: May 2014
Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and emergency design for stabilizing landslide.

Sauls Run Landslide

Project Location: Lewis County, West Virginia
Completion Date: May 2015
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying and emergency design for stabilizing landslide.

Missouri Fork Landslide

Project Location: Boone County, West Virginia
Completion Date: May 2015
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying and emergency design for stabilizing landslide.

Worthington (Hess) Landslide

Project Location: Marion County, West Virginia
Completion Date: May 2015
Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and emergency design for mine blowout and landslide abatement.

Copen Road Landslide

Project Location: Braxton County, West Virginia
Completion Date: July 2015
Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and emergency design for stabilizing landslide.

Dans Branch (Dillon) Landslide

Project Location: Kanawha County, West Virginia
Completion Date: June 2015
Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying, drilling and design for a potential blowout area. Designed horizontal bore for dewatering.

Pendleton Creek Highwall

Project Location: Tucker County, West Virginia
Completion Date: September, 2018
Client: WVDEP-AML

Project Description: Highwall Backfill

Maryland Barton Mine Pool

Project Location: Allegany County, Maryland
 Completion Date: June 2018
 Client: Maryland Department of the Environment

Project Description: Mine Pool Evaluation and Design

Glen Alum Complex

Project Location: Mingo County, West Virginia
 Completion Date: September 2014
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying and design for large refuse area and upgrading of surface drainage.

Carson One Special Reclamation Project

Project Location: Upshur County, West Virginia
 Completion Date: June 2015
 Client: WVDEP-Special Reclamation, Philippi, WV

Project Description: Performed surveying, drilling and design for regrading refuse, sealing mine shafts and slopes and upgrading drainage structures.

Vickers Branch (Butcher) Drainage

Project Location: Logan County, West Virginia
 Completion Date: 2013
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, design for mine seals and mine drainage control.

Sugarcamp Run Burning Refuse Phase II

Project Location: Nicholas County, West Virginia
 Completion Date: 2013
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Performed site survey, drilling and prepared burning refuse abatement design.

Craigmoor (Strader) Landslide Emergency

Project Location: Harrison County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

Maryland G&S Landslide Study

Project Location: Kitzmiller, Maryland
 Completion Date: 2019
 Client: Maryland AML

Project Description: Landslide causation study

Sauls Run (Bennett) Landslide

Project Location: Lewis County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

West Milford (Chapman) Landslide

Project Location: Harrison County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

Roderfield (Simpson) Landslide

Project Location: McDowell County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

Scotch Hill Mine Fire

Project Location: Preston County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Mine fire abatement design

Mammoth (Shamblin) Landslide

Project Location: Kanawha County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

Delbarton (Curry) Landslide

Project Location: Mingo County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

Big Creek (Surgoine) Landslide

Project Location: Logan County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

Crooked Run (Davis) Landslide

Project Location: Harrison County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

Procious (Doughty) Landslide

Project Location: Clay County, West Virginia
 Completion Date: 2017
 Client: WVDEP-AML

Project Description: Landslide abatement design

Rivesville (Parker) Landslide

Project Location: Marion County, West Virginia
 Completion Date: 2018
 Client: WVDEP-AML

Project Description: Landslide abatement design

Bridgeport (Ridgeway) Landslide

Project Location: Harrison County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

North Matewan (Ross) Landslide

Project Location: Mingo County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

Summerlee Refuse Phase II

Project Location: Fayette County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Refuse and drainage design

Weston (Williams) Landslide

Project Location: Fayette County, West Virginia
 Completion Date: 2019
 Client: WVDEP-AML

Project Description: Landslide abatement design

Smithers Landslide

Project Location: Fayette County, West Virginia
 Completion Date: Current
 Client: WVDEP-AML

Project Description: Landslide abatement design

Abney Refuse Pile

Project Location: Raleigh County, West Virginia
 Completion Date: 2011-2013
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for refuse regrading, mine seals, and drainage.

Cartright Branch Refuse Pile

Project Location: Logan County, West Virginia
 Completion Date: 2011-2012
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, design for refuse regrading and mine drainage control.

Milam Ridge

Project Location: Wyoming County, West Virginia
 Completion Date: December 2012
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed surveying, drilling and design for numerous mine portals.

Squires Creek (Moats) Portal and Refuse

Project Location: Preston County, West Virginia
 Completion Date: December 2014
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and design of refuse area and portals.

Preston Energy/Rockville/Viking Coal Special Reclamation

Project Location: Preston County, West Virginia
 Completion Date: October 2015
 Client: WVDEP-Special Reclamation, Philippi, WV

Project Description: Performed surveying and design for design of reclamation of portals and piping system to convey mine water to treatment plant.

McGraws Vertical Opening

Project Location: Wyoming County, West Virginia
 Completion Date: July 2013
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed emergency design for mine shaft cap.

New Cumberland Mine Blowout

Project Location: Hancock County, West Virginia
 Completion Date: June 2013
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and design for mine blowout abatement.

Fairview Mine Shaft

Project Location: Marion County, West Virginia
 Completion Date: October 2013
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed emergency design for mine shaft cap.

Whitehall Mine Fire

Project Location: Marion County, West Virginia
 Completion Date: October 2013
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and design for extinguishment of mine fire.

Lynch Run Mine Blowout

Project Location: Gilmer County, West Virginia
 Completion Date: May 2015
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed surveying, drilling and emergency design for mine blowout and landslide abatement.

Marsh Run Portals

Project Location: Braxton County, West Virginia
 Completion Date: 2013
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling and design for mine seals and regrading.

Donnie Thorn Highwall

Project Location: Preston County, West Virginia
 Completion Date: 2013
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for refuse regrading, mine seals, and drainage.

Glen Rogers Emergency

Project Location: Wyoming County, West Virginia
 Completion Date: 2012
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, and design for shaft seals.

Morgan #46 Highwall

Project Location: Preston County, West Virginia
 Completion Date: 2013
 Client: WVDEP-AML, Bridgeport, WV

Project Description: Performed survey and design for refuse and spoil regrading and drainage control.

Thorpe Refuse Pile

Project Location: McDowell County, West Virginia
 Completion Date: 2011-2012
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Performed survey, drilling, design for refuse and spoil regrading and mine drainage control.

Shinnston Lumberport Subsidence

Project Location: Harrison County, West Virginia
 Completion Date: 2010-2012
 Client: WVDEP-AML, Philippi, WV

Project Description: Performed site survey, drilling and prepared subsidence abatement design.

Newtown (Kinder) Portals Design

Project Location: Mingo County, West Virginia
 Completion Date: 2010-2012
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed site survey, and prepared design for portals reclamation and drainage abatement design.

Gordon "C" Refuse Pile

Project Location: Boone County, West Virginia
 Completion Date: 2010-2012
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for mine seals, drainage, and refuse reclamation.

Keaton Branch Complex

Project Location: Raleigh County, West Virginia
 Completion Date: 2010-2011
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Performed survey, drilling, design for refuse, regrading and mine drainage control.

Dunloup Creek Complex

Project Location: Raleigh County, West Virginia
 Completion Date: 2009-2011
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Performed survey, drilling, design for refuse and spoil regrading and mine drainage control.

Brownton (McCord) Landslide

Project Location: Barbour County, West Virginia
 Completion Date: 2009-2011
 Client: WVDEP-AML, Philippi, WV

Project Description: Performed site survey, drilling and prepared landslide abatement design.

Keystone (Avery) Landslide Portal

Project Location: McDowell County, West Virginia
 Completion Date: 2009-2011
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed site survey and prepared landslide abatement design, portals reclamation, and drainage control.

Dan's Branch (Pennington) Landslide Emergency

Project Location: Mingo County, West Virginia
 Completion Date: 2011
 Client: WVDEP-AML, Charleston, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for landslide reclamation.

East Bank (Willis) Mine Blowout

Project Location: Kanawha County, West Virginia
 Completion Date: 2009
 Client: WVDEP-AML, Charleston, WV

Project Description: Field surveying and mapping, design work for mine seal and drainage control.

Island Creek #18 Mine Complex

Project Location: Logan County, West Virginia
 Completion Date: 2009-2011
 Client: WVDEP-AML, Oak Hill, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for mine seals, drainage, and refuse reclamation.

Jacob's Fork Complex

Project Location: Boone County, West Virginia
 Completion Date: 2008-2009
 Client: WVDEP-AML, Charleston, WV

Project Description: Field surveying and mapping, subsurface investigation, design work for mine seals, drainage, and reclamation.

Gilmer B Site 3.8

Project Location: Gilmer County, West Virginia
 Completion Date: 2008
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, design for refuse and spoil regarding and mine drainage control.

Rhodell Refuse & Portals

Project Location: Wyoming County, West Virginia
 Completion Date: 2008
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, design for refuse and spoil regarding and mine drainage control.

Gouge Landslide Emergency

Project Location: Scottown, Ohio
 Completion Date: 2007
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site survey, drilling and prepared landslide abatement design.

Rodgers Subsidence Emergency

Project Location: Logan County, West Virginia
 Completion Date: 2011-2012
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed survey, drilling, design for refuse regrading and mine drainage control.

McAdams Subsidence Emergency

Project Location: Stark County, Ohio
 Completion Date: 2006
 Client: ODNR-AML, Columbus, OH

Project Description: Performed investigation and prepared report of findings.

Athens Rt. 13 Refuse Fire Emergency

Project Location: Athens County, Ohio
 Completion Date: 2006
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site survey, prepared abatement design and monitored on site construction for fire extinguishment.

Brown Landslide Emergency

Project Location: Rayland, OH
 Completion Date: 2007
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site survey and prepared landslide abatement design.

Toney Fork Landslide Emergency

Project Location: Boone County, West Virginia
 Completion Date: 2006
 Client: WVDEP-AML, Charleston, WV

Project Description: Performed site survey, drilling and prepared plans and specifications to stabilize an emergency landslide area.

Lavender Refuse Fire Emergency

Project Location: Meigs County, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed abatement plan and monitored construction.

Goetz Subsidence Emergency

Project Location: Columbiana County, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed investigation and prepared report of findings.

Cox Refuse Fire Emergency

Project Location: Gallia County, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed abatement design for fire extinguishment.

North Matewan (Sipple Drainage)

Project Location: Mingo County, West Virginia
 Completion Date: 2005
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design for drainage project abatement.

Phalen Landslide Emergency

Project Location: Martins Ferry, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site surveying and landslide abatement design.

Adkins Landslide Emergency

Project Location: Gallia County, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed surveying, drilling, landslide abatement and construction monitoring.

Baisden Subsidence Emergency

Project Location: Jackson County, Ohio
 Completion Date: 2005
 Client: ODNR-AML, Columbus, OH

Project Description: Performed drilling to develop subsidence abatement solutions.

Treadway Landslide Emergency

Project Location: Rayland, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site surveying, drilling and landslide abatement design.

Big Creek "C" Refuse

Project Location: Logan County, West Virginia
 Completion Date: 2004
 Client: WVDEP-AML

Project Description: Performed surveying and drilling for design.

Imboden Landslide Emergency

Project Location: Rutland, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed drilling and surveying to develop landslide abatement solutions and cost estimates.

Parsons Landslide Emergency

Project Location: New Philadelphia, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed site review and report concerning landslides relation to mining and potential solutions.

Jefferson County Road 26 Landslide Emergency

Project Location: Weinterville, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed surveying, drilling and prepared plans and specifications to stabilize and emergency landslide area.

Charleston Romeo Landslide

Project Location: Kanawha County, West Virginia
 Completion Date: 2004
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design of landslide abatement.

Titus Road Landslide Emergency

Project Location: Rutland, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed surveying, drilling and prepared plans and specifications to stabilize and emergency landslide area.

Lewis Landslide Emergency

Project Location: Pomeroy, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Performed surveying, drilling, prepared plans and specifications to stabilize an emergency landslide area, and provided construction monitoring.

Roush Landslide Emergency

Project Location: Pomeroy, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Prepared plans and specifications to stabilize an emergency landslide area.

Moran Subsidence

Project Location: Clinton, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Prepared plans and specifications to stabilize an emergency subsidence area.

Ron Bobar Subsidence

Project Location: Flushing, Ohio
 Completion Date: 2004
 Client: ODNR-AML, Columbus, OH

Project Description: Investigation and report of an emergency subsidence area.

Gooney Otter Refuse

Project Location: Wyoming County, West Virginia
 Completion Date: 2004
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and site design for refuse regarding project.

Chapmanville (Gorby) Mine Blowout

Project Location: Logan County, West Virginia
 Completion Date: 2003
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design of landslide regrading and retaining wall design.

Tuppers Creek (Layne) Landslide

Project Location: Kanawha County, West Virginia
 Completion Date: 2003
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design of landslide abatement.

Maidsville (Tennant) Landslide

Project Location: Monongalia County, West Virginia
 Completion Date: 2003
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design of landslide abatement.

Whittington Hill (Walker Landslide)

Project Location: Kanawha County, West Virginia
 Completion Date: 2002
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design for an emergency landslide.

Minden Refuse Pile Reclamation Project

Project Location: Fayette County, West Virginia
 Completion Date: 2001
 Client: WVDEP-AML

Project Description: Performed surveying and design for emergency project to upgrade drainage control.

Jeffrey Mine Complex Reclamation Project

Project Location: Boone County, West Virginia
 Completion Date: 2001
 Client: WVDEP-AML

Project Description: Performed surveying and design regrading refuse.

Hot Coal Reclamation Project

Project Location: Raleigh County, West Virginia
 Completion Date: 2000
 Client: WVDEP-AML

Project Description: Performed surveying and design for regrading refuse.

Bull Run #27

Project Location: Preston County, West Virginia
 Completion Date: 2000
 Client: WVDEP-AML

Project Description: Performed surveying and design for regrading refuse.

Rich Fork (Thaxton) Landslide

Project Location: Kanawha County, West Virginia
 Completion Date: 2003
 Client: WVDEP-AML

Project Description: Performed surveying, drilling and design of landslide abatement.

Riffe Branch Impoundment

Project Location: Fayette County, West Virginia
 Completion Date: 2000
 Client: WVDEP-AML

Project Description: Performed surveying and design for regrading refuse and drainage control.

Ven's Run Landslide

Project Location: Harrison County, West Virginia
 Completion Date: 1999
 Client: WVDEP-AML

Project Description: Performed surveying and design for regraded landslide area.

Bull Run #35

Project Location: Preston County, West Virginia
 Completion Date: 1999
 Client: WVDEP-AML

Project Description: Performed surveying and design for refuse and spoil regrading.

Securro Mine Drainage Site 1 & 2

Project Location: Fairmont, West Virginia
 Completion Date: 1998
 Client: WVDEP-AML

Project Description: Performed surveying and design for mine drainage system.

Geotechnical/Soil Analysis

Performed geotechnical analysis on 135 projects over the past 20 years. These project involved slope stability, mine pool locations and mine subsidence.

US 35 Design Build: Utilized provided core boring data, coordinated drilling of over 100 additional core borings to design 7.5 miles of 4 lane highway in Putnam County, West Virginia. This included the foundation designs of bridge piers and abutments for 2 bridges carrying the 4 lane roadway over a major stream and an existing roadway.

WVDOT-District 2 Mingo County: Solicited core borings, provided field personnel to log core samples, designed 4 pile retaining walls for landslides effecting existing roadways. Including analyzing piling, lagging and other aspects of each wall. Developed plans with profile, traffic control, estimated quantities, drainage controls, etc. in a bid package suitable for WVDOT to solicit bids.

WVDOT-District 2 Logan County: Solicited core borings, provided field personnel to log core samples, designed 5 pile retaining walls for landslides effecting existing roadways. Including analyzing piling, lagging and other aspects of each wall. Developed plans with profile, traffic control, estimated quantities, drainage controls, etc. in a bid package suitable for WVDOT to solicit bids.

WVDOT-District 2 Lincoln County: Solicited core borings, provided field personnel to log core samples, designed 14 pile retaining walls for landslides effecting existing roadways. Including analyzing piling, lagging and other aspects of each wall. Developed plans with profile, traffic control, estimated quantities, drainage controls, etc. in a bid package suitable for WVDOT to solicit bids.

WVDOT Cottageville Bridge: Solicited bids from drilling contractors, coordinated drilling for a bridge replacement in Jackson and Mason County, West Virginia. The geotechnical testing performed consisted of five hydrometer analysis and rock core compression testing. The design included pile foundations for the piers and abutments, sonar analysis of the creek channel as it relates to the soil materials and slope stability analysis for each abutment.

WVDEP-AML Dans Branch: Performed geotechnical investigation of an AML emergency landslide. Performed core borings and geotechnical testing of soil samples obtained from the borings. Designed pile retaining wall to support embankment and existing home below pre-law mining.

Dempsey Bottom Beam Span: The subsurface investigation consisted of 6 test borings, all of which encountered bedrock. Four of the core borings were located at the site of the two proposed abutments, while the other two were drilled at the site of the proposed retaining wall. Hollow stem augers were utilized to drill the holes through the overburden. The Standard Penetration Test method utilizing split-spoon sampler was also used to sample the overburden soils.

Guyandotte River Bridge: ELR performed geotechnical design including future mine subsidence remediation for this bridge. During the design process a check of the mining records determined the presence of a coal seam in the vicinity of the bridge. After review of the mine maps and additional drilling, presence of mine voids was confirmed. Using the depths from the ground surface to the mine level a limit of grout protection was developed. The grouting program developed included some down hole camera work and confirmation borings to confirm the grout effectiveness. Grouting of the mine void eliminated the possibility of future mine subsidence in the vicinity of the substructure and allowed the bridge to be supported on conventional caissons.

Hydraulics/Hydrology

E.L. Robinson has worked with various clients, both private firms and public entities, in developing hydrology and hydraulics studies to determine effects that developments would have on floodplains and how they might adversely affect the surrounding communities.

- East Fork Bridge
- South Cuba Bridge
- WV 10 Operational Improvements
 - Jesse Bridge
 - Herndon Slab Bridge
 - Car Wash Bridge
 - Matoaka Bridge No. 1
 - Matoaka Bridge No 2
 - SSG Gene Arden Vance Jr Memorial Bridge
 - Toney Fork Slab Bridge
 - Road Branch Bridge
 - Beech Branch Bridge
 - Giatto Overpass Bridge
 - Hiawatha Overpass Bridge
 - U.S. Army Sp4 Jackie (Hearn) Mcmillion Memorial Bridge
- Blue Creek Bridge
- Marsh Fork Bridge
- Junior Bridge
- Corridor H – Kerens to Parsons
 - Baldlick Fork Bridge (Bridge #1)
 - Panther Run Bridge (Bridge #2)
 - South Branch of Haddix Run Bridge (Bridge #3)
 - Unnamed Trib of Haddix Run Bridge (Bridge #4)
 - Bridge over Haddix Run and US 219 (Bridge #5)
- Cherry Tree Bridge
- Laurel Creek Girder Bridge

Aerial Photography/Mapping

E.L. Robinson Engineering has completed the preliminary mapping for the WVDEP for all of the AML projects located in Northern West Virginia since 2012. In addition, ELR has completed either preliminary or final mapping for the following:

2003-Present

All ELR AML Projects WV and OH

2002

Community of Preston
Rhodell Refuse Portals
Vivian Refuse Maintenance
Glen Rogers Waterline
Sundial (Hatfield) Refuse Pile
Jacob Fork Complex
Thomas (NE) Subsidence

2001

Bartley Mine Dump
Beckley Soccer Complex
Holden Portals/Structures
Jeffrey Complex
Minden Refuse Drainage
Roach Branch Refuse

Sauls Run Strip
Stonecoal Creek Complex
Waterline Photography
Weaver Portals/Mine Drain

2000

Micajah Refuse Pile
McAlphin Eroding Dump
Flemington Portals/Drainage
Minden "C" Refuse Pile
National Mine Complex
Linger Clogged Stream
Hotcoal Mine Dump
Layton Mine Drainage
Quintain Development

1999

Bull Run #27
8th Street-Warwood Avenue

Aerial Photography/Mapping

E.L. Robinson Engineering has worked with various clients to develop contour mapping of sites and areas that otherwise could not be determined. With the use of aerial photography and state of the art technology, ELR has developed maps from photographs for numerous projects including but not limited to:

- City of Beckley
- City of Charleston
- Corridor D
- Corridor H
- Cross Lanes Connector
- Eldora
- Frazier's Bottom
- Glenwood
- Hatfield Cemetery
- I-70 Washington Avenue (Wheeling, WV)
- I-64 Glade Creek
- Jackson Mill
- King Coal
- KY 40 Connector
- Logan Run
- New River Parkway
- Ohio River Crossing
- Pinegrove
- Parkersburg
- Powell Creek
- Prince
- PSI-Baker/Ft. Henry Bridges
- Racetrack
- White Sulphur Springs

Mabie Highwall
Coal Branch
Matoaka Subsidence
Elkins Coal
Springton Refuse
Veins Run

1998

Bull Run #35
Fickey Run

1997

Browns Creek
Marrowbone
Matewan
Pigeon Creek

CCQQ

Attachment A

**WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
AML CONSULTANT CONFIDENTIAL QUALIFICATION QUESTIONNAIRE**

Attachment "B"

PROJECT NAME Morgantown Airport Subsidence Phase II CEOI 0310 DEP2500000001		DATE (DAY, MONTH, YEAR) October 25, 2024		FEIN 55-0594633																																					
1. FIRM NAME E.L. Robinson Engineering Co.		2. HOME OFFICE BUSINESS ADDRESS 5088 Washington Street, West Charleston, WV 25313		3. FORMER FIRM NAME																																					
4. HOME OFFICE TELEPHONE 304-776-7473	5. ESTABLISHED (YEAR) 1978	6. TYPE OWNERSHIP Individual <input checked="" type="checkbox"/> Corporation Partnership Joint-Venture		6a. WV REGISTERED DBE (Disadvantaged Business Enterprise) YES <input checked="" type="checkbox"/> NO																																					
7. PRIMARY AML DESIGN OFFICE: ADDRESS/ TELEPHONE/ PERSON IN CHARGE/ NO. AML DESIGN PERSONNEL EACH OFFICE 5088 Washington Street, West 304-776-7473/Eric Coberly, P.E./54 Staff in Charleston Area Charleston, WV 25313																																									
8. NAMES OF PRINCIPAL OFFICERS OR MEMBERS OF FIRM Eric Coberly, P.E. 304 776-7473			8a. NAME, TITLE, & TELEPHONE NUMBER - OTHER PRINCIPALS																																						
9. PERSONNEL BY DISCIPLINE																																									
<table border="0"> <tr> <td>4 ADMINISTRATIVE</td> <td>— ECOLOGISTS</td> <td>3 LANDSCAPE ARCHITECTS</td> <td>7 STRUCTURAL ENGINEERS</td> </tr> <tr> <td>ARCHITECTS</td> <td>— ECONOMISTS</td> <td>— MECHANICAL ENGINEERS</td> <td>7 SURVEYORS</td> </tr> <tr> <td>BIOLOGIST</td> <td>— ELECTRICAL ENGINEERS</td> <td>1 MINING ENGINEERS</td> <td>— TRAFFIC ENGINEERS</td> </tr> <tr> <td>6 CADD OPERATORS</td> <td>— ENVIRONMENTALISTS</td> <td>— PHOTOGRAMMETRISTS</td> <td>— OTHER</td> </tr> <tr> <td>— CHEMICAL ENGINEERS</td> <td>— ESTIMATORS</td> <td>PLANNERS: URBAN/REGIONAL</td> <td></td> </tr> <tr> <td>22 CIVIL ENGINEERS</td> <td>1 GEOLOGISTS</td> <td>— SANITARY ENGINEERS</td> <td></td> </tr> <tr> <td>25 CONSTRUCTION INSPECTORS</td> <td>— HISTORIANS</td> <td>1 SOILS ENGINEERS</td> <td></td> </tr> <tr> <td>— DESIGNERS</td> <td>— HYDROLOGISTS</td> <td>— SPECIFICATION</td> <td>87 TOTAL PERSONNEL</td> </tr> <tr> <td>DRAFTSMEN</td> <td></td> <td>WRITERS</td> <td></td> </tr> </table>						4 ADMINISTRATIVE	— ECOLOGISTS	3 LANDSCAPE ARCHITECTS	7 STRUCTURAL ENGINEERS	ARCHITECTS	— ECONOMISTS	— MECHANICAL ENGINEERS	7 SURVEYORS	BIOLOGIST	— ELECTRICAL ENGINEERS	1 MINING ENGINEERS	— TRAFFIC ENGINEERS	6 CADD OPERATORS	— ENVIRONMENTALISTS	— PHOTOGRAMMETRISTS	— OTHER	— CHEMICAL ENGINEERS	— ESTIMATORS	PLANNERS: URBAN/REGIONAL		22 CIVIL ENGINEERS	1 GEOLOGISTS	— SANITARY ENGINEERS		25 CONSTRUCTION INSPECTORS	— HISTORIANS	1 SOILS ENGINEERS		— DESIGNERS	— HYDROLOGISTS	— SPECIFICATION	87 TOTAL PERSONNEL	DRAFTSMEN		WRITERS	
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DRAFTSMEN		WRITERS																																							
TOTAL NUMBER OF WV REGISTERED PROFESSIONAL ENGINEERS IN PRIMARY OFFICE: <u>18</u>																																									
*RPEs other than Civil and Mining must provide supporting documentation that qualifies them to supervise and perform this type of work.																																									
10. HAS THIS JOINT-VENTURE WORKED TOGETHER BEFORE? <input type="checkbox"/> YES NO <input checked="" type="checkbox"/> This is not applicable																																									

11. OUTSIDE KEY CONSULTANTS/SUB-CONSULTANTS ANTICIPATED TO BE USED. Attach "AML Consultant Confidential Qualification Questionnaire" for each if copy is not on file with AML.

[illegible]

12. A. Is your firm experienced in Abandoned Mine Lands Remediation/Mine Reclamation Engineering?

☒ YES Description and Number of Projects: One hundred twenty one (132) Projects - See Attached Sheet

☐ NO

B. Is your firm experienced in Soil Analysis?

☒ YES Description and Number of Projects: Ten (10) Projects Listed - See attached Sheet

☐ NO

C. Is your firm experienced in hydrology and hydraulics?

☒ YES Description and Number of Projects: Ten (10) Projects Listed - See attached sheet

☐ NO

D. Does your firm produce its own Aerial Photography and Develop Contour Mapping?

☒ YES Description and Number of Projects: > 200 - in Firm History - 65 Recent Projects Listed

All ELR WV & OH AML Projects since 2003 have been surveyed with ELR Surveying Staff

☐ NO

E. Is your firm experienced in domestic waterline design? (Include any experience your firm has in evaluation of aquifer degradation as a result of mining.)

☒ YES Description and Number of Projects: Ninety-seven (97) Total
Twelve (12) Domestic Waterline Experience (AML Related)
Thirty-five (35) Evaluation of Aquifer Degradation
Seventy (70) Non-AML Domestic Water Lines

☐ NO

F. Is your firm experienced in Acid Mine Drainage Evaluation and Abatement Design?

☒ YES Description and Number of Projects: Seven (7) Projects

☐ NO

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Coberly, Eric J., President, Project Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	37	37	17
<p>Brief Explanation of Responsibilities</p> <p>Mr. Coberly has performed AML Grant and Emergency project designs since 1984. Projects have included highwall backfill, refuse regarding, portals, mine drainage, subsidence, refuse and mine fire abatement. Mr. Coberly has participated in the design of over 100 such project while working for WVDEP or at ELR. Included in that total is over 30 emergency project designs completed in Ohio and West Virginia. Mr. Coberly has served in various capacities with the WV AML Program including construction and design administrator as well as the Chief of the Office. This involved the review of hundreds of additional projects in the 22 years spent with AML program.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>B.S. Engineering of Mines, 1983 M.S. Engineering of Mines, 1990</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
		Professional Engineer: WV, OH, MD	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Cart, Timothy, Project Engineer	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
	37	38	25
<p>Brief Explanation of Responsibilities</p> <p>Mr. Cart has completed numerous mine reclamation projects under the AML program, including regrading of coal refuse materials, re-establishment of vegetation cover, disposal of acid producing materials, and developing methods for extinguishing burning materials and disposal of old mining structures. Designed passive AMD treatment systems. Conducted Phase I and Phase II Studies to determine if groundwater had been affected by pre-law mining. Mr. Cart has extensive experience in the design and construction management of waterline extension projects. Mr. Cart has recently completed water projects in Mingo; Kanawha; Putnam; and Cabell counties. Mr. Cart has performed geotechnical engineering calculations and designs for settlement analysis of dams and other embankments.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>B.S. Civil Engineering, 1981</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	
		Professional Engineer WV, OH	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Kinder, Jerry D, PE - Project Engineer	7	7	14
<p>Brief Explanation of Responsibilities JD Kinder, PE has experience in many areas of civil engineering including roadway design projects, site development projects, structural design, geotechnical investigations, natural gas projects, retain structure design and performing 2D and 3D slope stability analysis for various roadway fills and bridges. Additionally, Mr. Kinder has experience developing geotechnical reports for highway projects which include the design and recommendations for rock cut slopes and fill slopes, as well as types of foundation systems for structures and recommended bearing capacities for deep and shallow foundations.</p>			
<p>EDUCATION (Degree, Year, Specialization) B.S. Civil Engineering, 2008</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) Professional Engineer: WV	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Kelly, Shawn, PE - Project Engineer	2	2	11
<p>Brief Explanation of Responsibilities Shawn Kelly, PE, brings over 20 years of experience to E.L. Robinson. His knowledge of site development has taken him all across West Virginia, working for both public and private clients. Mr. Kelly's understanding of drainage calculating, stormwater management plans, and site development planning have helped improve countless places in the state. Mr. Kelly has experience in the development of erosion and sediment control design. He has provided his expertise for the design of roadway drainage and erosion and sediment control for the roads around the complex. Shawn has vast experience working with the WV Department of Transportation, Division of Highways and WV Department of Environmental Protection to successfully permit many projects throughout the state.</p>			
<p>EDUCATION (Degree, Year, Specialization) B.S. Civil Engineering, 2001</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) Professional Engineer: WV	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Kinder, Kenneth W., PE, CFM - Project Engineer	5	20	5
<p>Brief Explanation of Responsibilities Kenneth Kinder, PE has experience in many facets of civil engineering. Mr. Kinder began his career as a staff engineer where he became proficient in the designing of projects and project management assistance. He has worked on an array of projects including civil site design, erosion and sediment control, stormwater management, hydraulic modeling, floodplain permitting, wastewater treatment, water treatment and distribution, geotechnical solutions, surface and underground coal permitting, limestone quarry permitting and solid waste landfill design. Mr. Kinder then moved into the role of Project Manager and served as an Office Leader while employed with a previous firm. Since joining ELR, Mr. Kinder has taken on the role of Project Manager on several notable projects.</p>			
<p>EDUCATION (Degree, Year, Specialization) B.S. Civil Engineering, 2003</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		<p>REGISTRATION (Type, Year, State) Professional Engineer: WV</p>	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Asbury, Brandon, PE, Project Engineer	4	5	0
<p>Brief Explanation of Responsibilities Mr. Asbury is a Project Engineer with 3 years of experience in design and permitting for several site development projects in West Virginia. He has manufactured information pertaining to design and calculated information used for hydrology, site grading and permitting (including NPDES).</p>			
<p>EDUCATION (Degree, Year, Specialization) B.S. Civil Engineering, 2017</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Martin, Jeremy - Project Geologist	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE: 6	YEARS OF AML RELATED DESIGN EXPERIENCE: 6	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE: 1
<p>Brief Explanation of Responsibilities</p> <p>Mr. Martin has experience in consulting engineering services. Working predominantly in the field of geotechnical engineering, he has been involved with major highway projects (state and federal agencies) designing rock cut slopes and fill slopes, as well as foundation recommendations for bridges. Additionally, Mr. Martin has worked on landslide repairs including designing of H-pile and lagging walls as well as site development projects that included drainage, utility relocation, etc. Mr. Martin has also gained reclamation experience working on several AML projects for WVDEP regarding landslide repair and other slope failures. As a geologist, he has overseen drilling operations for highway projects, developed geologic cross-sections and boring logs, and written geotechnical reports for structures, roadway, and site development projects.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>B.S. Civil and Environmental Engineering, West Virginia University, 2017</p> <p>B.S. Geology, West Virginia University, 2016</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) WV: Engineer-in-Training	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES **RESPONSIBLE FOR AML PROJECT DESIGN** (Furnish complete data but keep to essentials)

NAME & TITLE (Last, First, Middle Int.) Rayburn, James T, Surveying Manager	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
		41	45
<p>Brief Explanation of Responsibilities</p> <p>Mr. Rayburn has experience in mine mapping and surveying, formulated short term and long-range mining plans for all types of coal mining, designed mine drainage and water supply systems for underground and surface mines, designed mine ventilation plans and systems which include precision pressure quality surveys and computer simulation of ventilation systems.</p> <p>He has performed slope stability analysis and hydrology calculations, provides computer analysis for mining applications, work with leases and land management as well as reclamation and environmental permits.</p> <p>By utilizing "state of the art" electronic total stations and/or GPS (Satellite) equipment, he performs control surveys for aerial mapping and collects data and develops GIS for utility mapping.</p> <p>Mr. Rayburn has also performed surveying and mapping for large scale highway projects.</p>			
<p>EDUCATION (Degree, Year, Specialization)</p> <p>A.S. Mechanical Engineering, 1970</p>			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State) Professional Surveyor: WV	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Garnes, J. Todd, Project Designer	9	9	9
Brief Explanation of Responsibilities			
Mr. Garnes experience surveying and providing CADD Design for mine reclamation projects and waterline and sewer extrusions. He has provided construction inspection services for landsides and subsidence projects in Ohio. Mr. Garnes has performed numerous water feasibility studies, which involved interviews, water sampling and analysis, mapping, mine research, and development of final reports.			
EDUCATION (Degree, Year, Specialization)			
A.S. Architectural Design, 1999			
A.S. Computer Aided Drafting and Design, 1999			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	

13. PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES RESPONSIBLE FOR AML PROJECT DESIGN (Furnish complete data but keep to essentials)			
NAME & TITLE (Last, First, Middle Int.)	YEARS OF EXPERIENCE		
	YEARS OF AML DESIGN EXPERIENCE:	YEARS OF AML RELATED DESIGN EXPERIENCE:	YEARS OF DOMESTIC WATERLINE DESIGN EXPERIENCE:
Fore, Shawn, Project Designer	9	9	9
Brief Explanation of Responsibilities			
Mr. Fore has two decades of experience as a CAD Designer in numerous areas of civil engineering. His representative experience includes civil site development, water and wastewater lines, 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.			
EDUCATION (Degree, Year, Specialization)			
CADD certificates - Ben Franklin Career Center 2000; Carver Career Center 1999			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS		REGISTRATION (Type, Year, State)	

14. PROVIDE A LIST OF SOFTWARE AND EQUIPMENT AVAILABLE IN THE PRIMARY OFFICE WHICH WILL BE USED TO COMPLETE AML DESIGN SERVICES

Various computer hardware and software including: Microstation, InRoads, AutoCAD, ELRSoil, Microsoft Office applications, Haested, Water CADD, Culvert Master, Flow Master/Civil 3D

Various surveying equipment:

Instruments - Topcon Total Station (6), Trimble Robotic DR200+ (2)

GPS Equipment - Trimble 5700 Receiver (6), Trimble TSCe Controller/Handheld (5)

*all equipment lists have various misc. survey equipment to go along (poles, tape measures, data collectors, etc.)

Riegl LMS - 360 3D Laser Scanner - surface imaging system based upon accurate distance measurement by means of electro-optical range measurement and a two-axis scanning mechanism.

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Weston (Williams) Landslide AML Lewis County	WVDEP/AML	Landslide Abatement Design	\$1,220,000	80
Smithers Landslide AML Fayette County	WVDEP/AML	Landslide Abatement Design	\$1,000,000	75
Willis Branch Sewer Extension Wastewater Pax, WV	Town of Pax	Design and Construction Inspection	\$2,291,000	95
West Virginia Great Barrel Company Project Site Development Greenbrier County, WV	West Virginia Great Barrel Company, LLC	Surveying, Design and Construction Inspection	\$1,500,000	95
Route 60 East Sewer Wastewater White Sulphur Springs, WV	City of White Sulphur Springs	Design and Construction Inspection	\$1,500,000	40
City of Hinton CSO Abatement Project Phase I Wastewater Hinton, WV	City of Hinton	Testing, Design, Construction Inspection	\$3,500,000	50
City of Ronceverte Water Distribution System Rehab Water Ronceverte, WV	City of Ronceverte	Design and Construction Inspection	\$2,000,000	50
TOTAL NUMBER OF PROJECTS:		TOTAL ESTIMATED CONSTRUCTION COSTS: \$		

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Iaeger Regional Sewer Project Wastewater McDowell County PSD	McDowell County PSD	Design and Construction Inspection	\$7,900,000	40
Heaters-Weyerhaeuser Waterline Upgrade Water Braxton County, WV	Flatwoods-Canoe Run PSD	Design and Construction Inspection	\$8,000,000	90
Frank-Bartow Sanitary Sewer Extension Wastewater Pocahontas County, WV	Pocahontas County PSD	Design and Construction Inspection	\$2,766,000	80
Deep Water & Powellton Water Distribution Water Fayette County, WV	Fayette County, WV	Design and Construction Management	\$2,515,000	40
Harts Run Waterline Extension Project Water White Sulphur Springs, WV	City of White Sulphur Springs	Design and Construction Management	\$2,000,000	95
Berwind Water Treatment Plant Improvements Water McDowell County, WV	McDowell County PSD	Design and Construction Management	\$243,000	70
Coalwood Sewer Project Phase I Wastewater McDowell County	McDowell County PSD	Design and Construction Management	\$3,250,000	80
TOTAL NUMBER OF PROJECTS:		TOTAL ESTIMATED CONSTRUCTION COSTS: \$		

15. CURRENT ACTIVITIES ON WHICH YOUR FIRM IS THE DESIGNATED ENGINEER OF RECORD

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	NATURE OF YOUR FIRM'S RESPONSIBILITY	ESTIMATED CONSTRUCTION COST	PERCENT COMPLETE
Snowshoe Regional Wastewater Project Wastewater Pocahontas County, WV	Pocahontas County PSD	Design and Construction Management	\$5,000,000	40
Corridor H Design Build Kerens-Parsons Roadway/Structures Randolph/Tucker County, WV	WVDOT-DOH	Surveying, Design and Construction Management	\$200,000,000	40
Corridor H Design Build US 219-WV 72 Roadway/Structures Randolph/Tucker County, WV	WVDOT-DOH	Surveying, Design and Construction Management	\$176,000,000	0
WV Route 10 Operational Improvements (Con 2) Roadway/Structures Mercer/Wyoming County, WV	WVDOT-DOH	Surveying, Design and Construction Management	\$17,000,000	30
WV Route 10 Operational Improvements (Con 5) Roadway/Structures Mercer/Wyoming County, WV	WVDOT-DOH	Surveying, Design and Construction Management	\$33,000,000	50
WV Route 10 Operational Improvements (Con 3) Roadway/Structures Mercer/Wyoming County, WV	WVDOT-DOH	Surveying, Design and Construction Management	\$31,000,000	50
TOTAL NUMBER OF PROJECTS:		TOTAL ESTIMATED CONSTRUCTION COSTS:		

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Route 18 South-Snowbird Road Waterline Extension Water Doddridge County, WV	Doddridge County PSD	969,500	2019	Yes
Cheat Mountain Water System Acquisition Water Pocahontas County, WV	Pocahontas County PSD	\$2,109,000	2018	Yes
Airport-Ameagle Water Project Water Raleigh County, WV	Raleigh County PSD	\$5,100,000	2016	Yes
Blue Knob Waterline Extension Project Water Clay County, WV	Clay Municipal Water Works	\$2,321,000	2019	Yes
City of Salem Sanitary Sewer Evaluation Survey Wastewater Salem, WV	City of Salem	\$96,000	2016	Yes
Emergency Intake Construction Project Water Mingo County, WV	Mingo County PSD	\$500,000	2018	Yes
Besoco-Pickshin Water Extension Project Water Raleigh County, WV	Raleigh County PSD	\$369,939	2019	Yes
Kenova Downtown School Waterline Improvements Project Water Kenova, WV	City of Kenova	\$1,961,000	2018	Yes

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Cheat Mountain Water Post Acquisition Project Water Pocahontas County, WV	Pocahontas County PSD	\$2,300,000	2019	Yes
Scott Road-Findley Road Waterline Extension Water Randolph County, WV	Norton Harding Jimtown PSD	\$1,300,000	2016	Yes
Otsego/Pierpoint/Maben Waterline Extension Water Wyoming County, WV	Eastern Wyoming PSD	\$9,800,000	2018	Yes
Covel Waterline Extension Project Water Wyoming County, WV	Eastern Wyoming PSD	\$5,600,000	2016	Yes
Barkers Ridge Basin Waterline Extension Ph 1 Water Wyoming County, WV	Eastern Wyoming PSD	\$5,600,000	2017	Yes
Mozart Sanitary Sewer Project Wastewater Marshall County, WV	Marshall County Sewerage District	\$9,500,000	2019	Yes
Green Valley Glenwood PSD Water System Improvements Water Mercer County, WV	Green Valley Glenwood PSD	\$15,711,000	2019	Yes
Cow Creek Waterline Replacement Project Water Putnam County, WV	Putnam PSD	\$500,000	2018	Yes

17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Maryland Consol Shaft AML Frostburg, MD	Maryland AML	\$200,000	2017	Yes
Craigmoor (Strader) Landslide Emergency AML Randolph County, WV	WVDEP-AML	\$400,000	2017	Yes
Sauls Run (Bennett) Landslide AML Lewis County, WV	WVDEP-AML	\$500,000	2017	Yes
Shaffer Investigation AML Harrison County, WV	WVDEP-AML	\$50,000	2017	Yes
West Milford (Chapman) Landslide AML Harrison County, WV	WVDEP-AML	\$1,000,000	2019	Yes
Roderfield (Simpson) Landslide AML McDowell County, WV	WVDEP-AML	\$250,000	2017	Yes
Scotch Hill Mine Fire AML Preston County, WV	WVDEP-AML	\$1,000,000	2019	Yes
Mammoth (Shamblin) Landslide AML Kanawha County, WV	WVDEP-AML	\$500,000	2017	Yes

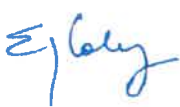
17. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM WAS THE DESIGNATED ENGINEER OF RECORD				
PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST	YEAR	CONSTRUCTED (YES OR NO)
Delbarton (Curry) Landslide AML Mingo County, WV	WVDEP-AML	\$500,000	2019	Yes
Big Creek (Surgoine) Landslide AML Logan County, WV	WVDEP-AML	\$400,000	2019	Yes
Crooked Run (Davis) Landslide AML Harrison County, WV	WVDEP-AML	\$300,000	2017	Yes
Prociuous (Doughty) Landslide AML Clay County, WV	WVDEP-AML	\$350,000	2017	Yes
Rivesville (Parker) Landslide AML Marion County, WV	WVDEP-AML	\$400,000	2018	Yes
Bridgeport (Ridgeway) Landslide AML Harrison County, WV	WVDEP-AML	\$900,000	2019	Yes
North Matewan (Ross) Landslide AML Mingo County, WV	WVDEP-AML	\$500,000	2019	Yes
Summerlee Refuse Phase II AML Fayette County, WV	WVDEP-AML	\$900,000	2019	Yes

18. COMPLETED WORK WITHIN LAST 5 YEARS ON WHICH YOUR FIRM HAS BEEN A SUB-CONSULTANT TO OTHER FIRMS (INDICATE PHASE OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)

PROJECT NAME, TYPE AND LOCATION	NAME AND ADDRESS OF OWNER	ESTIMATED CONSTRUCTION COST OF YOUR FIRM'S PORTION	YEAR	CONSTRUCTED (YES OR NO)	FIRM ASSOCIATED WITH
Linmont Bridge Replacement Cabell County	WV Dept of Transportation Engineering Division Charleston, WV 25301	Bridge Design (VE)	2011	Yes	Paul's Concrete
Clothier Bridge Logan County	WV Dept of Transportation Engineering Division Charleston, WV 25301	Bridge Design (VE)	2011	Yes	Paul's Concrete
Market Street Bridge Brooks County, WV	WV Dept of Transportation Engineering Division Charleston, WV	Post Design Services	2011	Yes	Ahern & Assoc.
Leon Thru Girder Bridge Mason County, WV	WV Dept of Transportation Engineering Division Charleston, WV	Plans for Bridge (VE) Hydraulics Post Design	2010	Yes	Triton Construction
Holley Grove Bridge Kanawha County	WV Dept of Transportation Engineering Division Charleston, WV	\$500,000	2010	Yes	Triton Construction

19. Use this space to provide any additional information or description of resources supporting your firm's qualifications to perform work for the West Virginia Abandoned Mine Lands Program.
E. L. Robinson Engineering Co. is committed to the WVDEP/AML program to provide professional design, surveying and mapping and construction monitoring services in a timely and cost-efficient manner. Our business plan relies heavily on the work offered by the WVDEP/AML program.

20. The foregoing is a statement of facts.

Signature:  Title: President, & PROJECT MANAGER
 Printed Name: Eric J. Coberly, P.E.

Date:
 October 25, 2024

NOTE: THIS DOCUMENT WILL BECOME VOID AFTER DECEMBER 31 IN CALENDAR YEAR OF DATE HEREON.

Project Matrix

Attachment B

AME and RELATED PROJECT EXPERIENCE MATRIX																								
PROJECT	Experience Basis Corporate-C Personal-P	Additional Information in Section	PROJECT EXPERIENCE														Primary Staff Participation <i>(Manager)</i>							
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrological/Hydraulic Design/Eval	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Ed Robinson, P.E.	Eric Cokerly	Tim Cart, P.E.	Richard W. Watts, P.G.	Mark McGittigan, P.E.	John Kelly, E.I.	J. D. Kinder, P. E.
Jacob's Fork Complex	C	YES		X	X	X					X					X	X	M	P		P	P		
Rhodes Refuse & Portals	C	YES		X	X	X					X					X	X	M	P		P	P		
Gilmer B Sites 3-5	C	YES		X	X	X					X					X	X	M	P		P	P		
Morrisville/Cameo/Big Horse Creek Waterline Feasibility Study	C	YES									X							M	P		P	P		
Camp Creek Waterline Feasibility Study	C	YES									X							M	P		P	P		
Lick Creek Waterline Feasibility Study	C	YES									X							M	P		P	P		
Ragland Waterline Feasibility Study	C	YES									X							M	P	P	P	P		
Beech Creek and Ben II Waterline Feasibility Study	C	YES									X							M	P		P	P		
Dingess Waterline Feasibility Study	C	YES									X							M	P	P	P	P		
Sharon Heights Waterline Feasibility Study	C	YES									X							M	P	P	P	P		
Amherstdale Water Feasibility Study	C	YES									X							M	P	P	P	P		
Mercer County Commission	C	YES									X							M	P	P	P	P		
Danese PSD Waterline Feasibility Study	C	YES									X							M	P	P	P	P		
New Haven Waterline Feasibility Study	C	YES									X							M	P	P	P	P		
Nubbin Ridge/Camp Creek Waterline Feasibility Study	C	YES									X							M	P		P			
Bramwell Hill Waterline Feasibility Study	C	YES									X							M	P		P	P		
Coaldale and Coaldale Mountain Waterline Feasibility Study	C	YES									X							M	P		P	P		
Jennie Creek Waterline Feasibility Study	C	YES									X							M	P		P			
Beech Creek and Ben Areas Waterline Feasibility Study	C	YES									X							M	P		P	P		
Blair/Sharples Area Waterline Feasibility Study	C	YES									X							M	P		P	P		
Brown's Creek #10	C	YES	X	X	X	X	X				X				X	X	X	M	P					
Bull Run #35	C	YES	X	X	X	X	X				X	X		X	X	X	X	M	P			P		
Secocco Mine Drainage	C	YES	X	X	X	X					X							M	P			P		
Picket Run	C	YES	X	X	X	X	X				X	X		X				M	P			P	P	
Van's Run	C	YES	X	X	X	X					X					X		M	P			P	P	
Bull Run #27	C	YES	X	X	X	X	X				X	X		X		X	X	M	P			P	P	
Riffe Branch	C	YES	X	X	X	X	X				X					X	X	M	P			P	P	
Hot Coal	C	YES	X	X	X	X	X				X					X	X	M	P			P	P	
Minden Refuse Pile	C	YES	X			X					X					X		M	P			P	P	
Jeffrey Mine Complex	C	YES	X	X	X	X	X				X					X		M	P			P	P	
Pigeon Creek Waterline	C	YES				X					X	X	X					M	P			P	P	

AML and RELATED PROJECT EXPERIENCE MATRIX																	Primary Staff Participation							
PROJECT	Experience Basis Corporate-C Personal-P	Additional Information in Section	PROJECT EXPERIENCE														Primary Staff Participation							
			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrological/Hydraulic Design/Eval	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Ed Robinson, P.E.	Eric Coberly	Tim Cart, P.E.	Richard W. Watts, P.G.	Mark McGettigan, P.E.	John Kelly, E.I.	J. D. Kinder, P. E.
Red Jacket, Matawan, Newtown Waterline	C	YES				X					X	X					M	P		P	P			
Marlowbone Waterline	C	YES				X					X	X	X				M	P		P	P			
Mount Zion Waterline	C	YES				X					X	X					M	P		P	P			
Coopers Rock, Pigeon, and Laurel Run Waterline	C	YES				X					X	X					M	P		P	P			
Davis Water Tank	C	YES				X					X	X					M	P		P	P			
Whittington Hill (Walker) Side	C	YES		X	X	X	X				X	X				X	M	P/M	P		P	P		
Meadowville Landslide	C	YES	X								X	X				X	M	P	P		P	P		
Rion Park Landslide	C	YES	X	X							X	X				X	M	P	P		P	P		
Tuppern Creek Landslide	C	YES	X	X							X	X				X	M	P	P		P	P		
Glen Rogers Waterline	C	YES				X					X	X				X	M	P	P		P	P		
Goosey Otter Refuse	C	YES	X	X	X	X	X				X	X				X	M	P	P		P	P		
Chapmanville Mine Blowout	C	YES									X	X				X	M	P	P		P	P		
Charleston Romeo Landslide	C	YES		X	X	X					X	X				X	M	P	P		P	P		
Big Creek C Refuse	C	YES		X							X	X				X	M	P	P		P	P		
North Matawan Spill	C	YES		X	X	X					X	X				X	M	P	P		P	P		
Moran Subsidence	C	YES		X					X		X	X				X	M	P	P		P	P		
Lewis Landslide	C	YES		X		X					X	X	X			X	M	P	P		P	P		
Roush Landslide	C	YES		X		X					X	X	X			X	M	P	P		P	P		
Jefferson 26 Landslide	C	YES		X		X					X	X				X	M	P	P		P	P		
Titus Road Landslide	C	YES	X	X		X					X	X				X	M	P	P		P	P		
Imboden Landslide	C	YES	X	X							X	X				X	M	P	P		P	P		
Balden Subsidence	C	YES		X					X		X	X				X	M	P	P		P	P		
Parsons Landslide	C	YES		X							X	X				X	M	P	P		P	P		
Treadway Landslide	C	YES	X	X		X					X	X				X	M	P	P		P	P		
Phalen Landslide	C	YES		X		X					X	X				X	M	P	P		P	P		
Adams Landslide	C	YES	X	X		X					X	X				X	M	P	P		P	P		
Geetz Subsidence	C	YES		X					X		X	X				X	M	P			P	P		
Lavender Refuse Fire	C	YES		X				X			X	X	X				M	P			P	P		
Cox Refuse Fire	C	YES		X				X			X	X	X				M	P			P	P		
Toney Fork Landslide	C	YES		X		X					X	X					M	P	P		P	P		
Athens Rt. 13 Refuse Fire	C	YES		X				X			X	X	X				M	P			P	P		
McAdams Subsidence Emer	C	YES		X				X			X	X					M	P			P	P		
Rodgers Subsidence	C	YES		X				X			X	X	X				M	P			P	P		
Brown Landslide	C	YES		X		X					X	X					M	P	P		P	P		
Town Run	P	NO										X												
Witcher Creek	P	NO										X												
Pond Gap, Hitor & Spangler	P	NO										X												
Elk City	P	NO										X												
Little Fork Refuse Pile	P		X	X		X	X	X							X	X			P	P				
OSM-Tackett Fork	P			X	X		X												P	P				
OSM-Ironton	P			X		X													P					
OSM-Williamson LS	P			X		X							X						P	P				
OSM-Ray Landslide	P			X		X													P	P				
OSM-Spence Landslide	P			X		X													P	P				
OSM-Retiff Landslide	P			X		X													P	P				
OSM-Pleasant Root LS	P			X		X													P	P				
OSM-Oak Hill Subsidence	P			X	X	X			X		X								P	P				

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OSM-Little Prater Creek	P			X		X													P	P					
OSM-Hamilton II Landslide	P			X		X										X			P	P	P				
Tupper's Creek B	P		X		X	X											X		P	P	P				
Big Sandy Refuse	P			X															P	P	P				
Leslie (Nelson)	P	2002	X	X	X	X	X				X	X	X						P	P	P				P
Swiss Dredging	P	2002										X							P	P	P				P
Minden C	P	2002	X	X	X	X	X			X	X				X				P	P	P				P
Weston	P	2002										X							P	P	P				P
Parkette	P	2002										X					X		P	P	P				P
East Dupont Ave Landslide	P	2003		X	X	X	X				X	X					X		P	P	P				P
Skin Creek Phase II	P	2003	X				X				X	X				X	X		P	P	P				P
Witcher Creek	P	2001		X	X	X	X				X		X				X		P	P	P				P
Crane Creek	P	2004	X	X	X	X	X	X			X	X				X	X		P	P	P				P
Yoursco	P	2004	X	X	X	X						X							P	P	P				P
Garwell	P	2004	X				X	X			X		X		X	X	X		P	P	P				P
Grasmoor	P	2004					X				X		X				X		P	P	P				P
Downey Piermont	P	2006							X								X		P	P	P				P
Ames (Clare) Landslide	P	2007		X							X						X		P	P	P				P
Lorado	P	1995	X	X	X	X					X	X			X		X		P	P	P				P
Madeline Refuse	P	1995	X	X	X	X	X	X			X	X			X	X	X		P	P	P				P
Rocklick	P	1995	X	X	X	X	X				X						X		P	P	P				P
Wahoo	P	1995	X			X	X	X			X				X		X		P	P	P				P
Meadowbrook	P	1996	X	X	X	X	X				X	X			X		X		P	P	P				P
Jumping Branch	P	1996										X							P	P	P				P
Beard's Fork	P	1997	X	X	X	X	X	X	X		X	X			X				P	P	P				P
Turkey Wallow	P	1997	X	X	X	X	X	X	X		X						X		P	P	P				P
Otsego	P	1997	X	X	X	X	X	X			X				X		X		P	P	P				P
Miller	P	1997	X	X	X	X	X				X	X							P	P	P				P
Whitby	P	1998	X	X	X	X	X				X	X			X	X	X		P	P	P				P
Barker	P	1999	X	X	X	X	X				X	X		X	X	X	X		P	P	P				P
Gatley River Road	P	1999										X							P	P	P				P
Skin Creek	P	2000	X	X	X	X	X	X			X	X			X	X	X		P	P	P				P
Jolo	P	2001										X							P	P	P				P
Tloas	P	2001										X							P	P	P				P
Turkey Gap	P	2001	X	X	X	X	X				X				X	X			P	P	P				P
Big Sandy	P	1987	X				X		X										P	P	P				P
Marlence	P	1988	X	X	X	X	X				X	X							P	P	P				P
New Hill Ballpark	P	1988	X	X	X	X	X	X			X	X							P	P	P				P
Jones Run	P	1988	X	X	X	X	X			X	X	X			X		X		P	P	P				P
Chathamville Landslide	P	1989		X	X	X	X				X						X		P	P	P				P
Vhanciff Landslide	P	1989		X	X	X	X				X						X		P	P	P				P
Joyce Stum	P	1990		X	X	X	X				X	X		X					P	P	P				P
Marfanna Refuse	P	1991	X				X	X			X						X		P	P	P				P
Cedar Grove	P	1991		X	X	X	X				X	X		X			X		P	P	P				P
Eskdale	P	1991		X	X	X	X				X			X	X				P	P	P				P
Hodgesville	P	1991	X	X	X	X	X				X	X		X			X		P	P	P				P
Newsome Branch	P	1992	X	X	X	X	X	X			X						X		P	P	P				P
Morrison	P	1992	X	X	X	X	X				X	X					X		P	P	P				P
Snake Island	P	1993	X				X	X	X		X				X	X			P	P	P				P

JML and RELATED PROJECT EXPERIENCE MATRIX																Primary Staff Participation								
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			Abandoned Surface Mine Reclamation	Abandoned Deep Mine Reclamation	Portal/Shaft Closure	Hydrological/Hydraulic Design/Eval.	Remining Evaluation	Mine/Refuse Fire Abatement	Subsidence Investigation Mitigation	Hazardous Waste Disposal	Project Specifications	Water Quality Evaluation/Mitigation/Replacement	Construction Inspection/Management	Water Treatment	Equipment/Structure Removal	Stream Restoration	Geotechnical/Stability	Ed Robinson, P.E.	Eric Coberly	Tim Cart, P.E.	Richard W. Watts, P.G.	Mark McGettigan, P.E.	John Kelly, E.I.	J. D. Kinder, P. E.
Orchard Branch	P	1994	X	X	X	X	X				X	X		X		X							P	P
Beckley Layne	P	1994		X	X	X	X				X	X				X							P	P
Gumwood Booth	P	1994		X	X	X	X			X		X											P	P
Little Fork	P	1993	X	X	X	X	X	X				X			X	X							P	P
Elmridge Refuse	P	1994	X	X	X	X	X	X				X											P	P
Lane Mines	P	1994	X	X	X	X	X				X												P	P
West Varney	P	1994		X	X	X	X				X												P	P
Bethel Potate	P	1995		X	X	X					X	X					X						P	P
Mammoth Landslide	P	1995				X					X			X	X		X						P	P
Cheverne	P	1995	X			X	X				X	X		X	X		X						P	P
Mudlick A Landslide	P	1995	X		X	X					X	X				X	X						P	P
Neilon Landslide	P	1995	X	X							X					X	X						P	P
Mudlick B Refuse	P	1995	X	X	X	X	X	X			X			X	X	X							P	P
Bluff Mountain	P	1995	X	X	X	X	X	X			X	X		X	X	X							P	P
Montgomery Drainage	P	1996		X	X	X	X				X			X		X							P	P
Mavropis Drainage	P	1996		X	X	X	X				X	X		X									P	P
Ridgeview A & B	P	1997	X	X	X	X	X	X	X		X	X		X	X		X						P	P
Tupper Valley	P	1997	X	X	X	X	X				X	X		X			X						P	P
Airport Bottom	P	1997	X	X	X	X	X				X	X											P	P
Manila Creek	P	1997	X	X	X	X	X	X			X	X		X	X		X						P	P
McAlpin	P	2009									X						X						P	P
Robay	P	2009	X	X	X	X					X						X						P	P
Kate Lick	P	2009	X			X					X						X						P	P
Clear Fork	C	2009																M					P	P
Coal Mountain	C	2009										X						M					P	P
Naugatuck/East Kermit	C	2009										X						M					P	P
Prenter	P	2008										X											P	P
Hanover	P	2009										X	X										P	P
Lower Demsey	P	2009		X	X	X	X				X					X							P	P
Island Creek #18	C	2009		X	X	X					X	X			X								P	P
Brownston Landslide	C	2009		X	X	X	X				X	X					X						P	P
East Bank Emergency	C	2009																					P	P
Dunlop Creek	C	2010	X	X	X	X	X				X	X		X	X	X							P	P
Crusoe/Pierpoint/Maben	C	2010										X											P	P
Barkens Rise/Basin	C	2010										X											P	P
Hamdon/Covell/Garwood	C	2010																					P	P
Bud/Alice/Mill Branch	C	2010										X											P	P
Keystone (Avery)	C	2010																					P	P
Keystone (Emergency)	C	2010																					P	P
Cane Branch	C	2010										X											P	P
Spy Rock/Edmond/Flanagan Mountain	C	2010										X											P	P
Wilderness PSD	C	2010										X											P	P
Gordon C	C	2010		X	X	X					X						X						P	P
Keaton Branch	C	2010		X	X	X					X						X						P	P
Varner Grimmatt Burning Refuse	C	2010						X			X												P	P
Shinnston-Lumberport	C	2011							X		X												P	P
Newtown-Kinder	C	2011		X	X	X					X						X						P	P

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Lutz Vertical Opening	P		X	X						X		X						P/M							
Sageer Mine Blowout	P			X	X	X				X		X						P/M							
Blair Waste Subsidence	P			X					X		X							P/M							
Lake (Winkler) Phase II	P			X		X				X						X		P/M							
Preston County PSD #4	C										X									P					P
Marsh Run Portals	C		X	X	X	X	X			X						X		P		P					P
Donnie Thern HW	C		X	X	X	X	X			X								P		P					P
Vickers Branch Drainage	C		X	X	X	X	X			X						X	M	P		P					P
Morgan HW	C		X			X				X								P		P					P
Sugarcamp Run Burning Ref	C		X			X		X		X						X	M	P		P					P
Glen White-Trap Hill PSD	C									X	X						M		P	P					P
North Matawan Adams LS	C			X	X	X	X			X		X				X	M	P		P					P
Fairview Laurel Run Shaft	C			X	X	X				X						X	M	P	P	P					P
McGraws Shaft	C			X	X					X						X	M	P	P	P					P
Meadow Creek PSD	C										X						M		P	P					P
Squires Creek (Moats) Portal and Refuse	C		X	X	X	X	X			X						X	M	P	P	P					P
Red Warrior Gob & Slide	C			X	X	X	X			X						X	M	P	P	P					P
Glen Alum Complex	C			X	X	X				X							M	P	P	P					P
West Columbia "B"	C		X	X	X	X	X			X						X	M		P	P					P
Milam Ridge	C		X	X	X	X	X										M		P	P					P
Carson One Special Rac	C			X	X	X	X				X				X		M	P	P	P					P
Preston Energy/Rockville/Viking Coal Spec Rac	C		X	X	X	X	X						X		X		M	P	P	P					P
Branchland (Blankenship) Landslide	C			X	X	X	X										M	P	P	P					P
Coburns Creek Landslide	C		X		X	X	X									X	M	P	P	P					P
New Cumberland Mine Blowout	C			X	X	X	X									X	M	P	P	P					P
Whitehall Mine Fire	C			X		X	X		X							X	M	P	P	P					P
Sauls Run Landslide	C		X	X		X											M	P	P	P					P
Missouri Fork Landslide	C			X	X	X										X	M	P	P	P					P
Worthington (Hess) Landslide	C			X	X	X	X									X	M	P	P	P					P
Copen Road Landslide	C			X	X	X	X									X	M	P	P	P					P
Lynch Run Mine Blowout	C		X	X	X	X	X										M		P	P					P
Dane Branch (Dillon) Landslide	C			X	X	X	X									X	M	P	P	P					P
Pendleton Creek Highway	C		X	X	X	X	X				X						M	P	P	P					P
Maryland Matthew Run	C			X			X				X					X	M	P	P	P					P
Maryland Seon RR Landslide	C		X	X	X	X	X				X		X			X	M	P	P	P					P
Maryland Barton Mine Pool	C			X	X	X	X				X					X	M	P	P	P					P
Maryland G&S Landslide Study	C		X													X	M	P	P	P					P
Maryland Concol Shaft	C			X							X						M	P	P	P					P
Maryland Shalimar Landslide	C			X		X					X		X			X	M	P	P	P					P
Crallmoor Landslide Emer	C		X			X					X		X			X	M	P	P	P					P

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Coburn Creek Landslide Emer	C		X			X				X						X	M	P	P	P		P				
Gilmer Blowout Emer	C		X	X	X	X				X							M	P	P	P		P				
Mary Ruth Spec Reclamation	C		X	X		X				X	X		X				M	P	P	P		P				
Saults Run Bennett Landslide	C		X			X				X							X	M	P	P	P		P			
Shaffer Investigation	C		X			X			X								X	M	P	P	P		P			
West Milford Landslide Emer	C			X		X					X						M	P	P	P		P				
Roderfield Landslide Emer	C			X	X	X	X				X						M	P	P	P		P				
Spetch Hill Mine Fire	C		X	X				X			X						X	M	P	P	P		P			
Mammoth/Shamlin Landslide	C		X	X	X	X					X						X	M	P	P	P		P			
Orlberton (Curry) Landslide	C		X	X		X					X						X	M	P	P	P		P	P		
Big Creek (Burgone) Landslide	C			X	X	X					X						X	M	P	P	P		P	P		
Crooked Run (Davis) Landslide	C			X		X					X						X	M	P	P	P		P	P		
Prociuous (Doughty) Landslide	C			X		X					X						X	M	P	P	P		P	P		
Rivesville (Parker) Landslide	C			X		X					X						X	M	P	P	P		P	P		
Bridgeport (Ridgeway) Landslida	C			X		X					X						X	M	P	P	P		P	P		
North Matewan (Ross) Landslide	C			X		X					X						X	M	P	P	P		P	P		
Verdonville (Spry) Drainage	C			X		X					X						X	M	P	P	P		P	P		
Summerlee Refuse Phase II	C			X		X					X						X	M	P	P	P		P	P		
Weston (Williams) Landslide	C		X	X		X					X						X	M	P	P	P		P	P		
Smithers Landslide	C		X			X					X						X	M	P	P	P		P	P		
Camden (Wilson) Landslide	C		X			X					X						X	M	P	P	P		P	P		
Rockhouse Fork Burning Refuse	C					X		X		X								M	P	P	P		P	P		
Witcher Creek (Meeker) Landslide	C		X			X					X						X	M	P	P	P		P	P		
Long Run (Raines) Air Shaft	C			X	X									X			X	M	P	P	P		P	P		

Required Forms

Attachment C



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

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 1523821

Doc Description: AML - EOI Morgantown Airport Subsidence Phase II

Reason for Modification:

Proc Type: Central Purchase Order

Date Issued	Solicitation Closes	Solicitation No	Version
2024-10-08	2024-10-29 13:30	CEOI 0313 DEP2500000001	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : [EL Robinson Engineering](#)

Address :

Street : [5088 Washington Street, West](#)

City : [Charleston](#)

State : [West Virginia](#)

Country : [United States](#)

Zip : [25313](#)

Principal Contact : [Eric Coberly, PE, Project Principal](#)

Vendor Contact Phone: [304.833.9021](#)

Extension:

FOR INFORMATION CONTACT THE BUYER

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

Vendor
Signature X

FEIN# [55-0594633](#)

DATE [10/20/24](#)

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


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.

(Printed Name and Title) Eric Coberly, PE, Project Manager
(Address) 5088 Washington Street, West | Charleston, WV 25313
(Phone Number) / (Fax Number) 304.833.9021 / 304.776.6426
(email address) ecoberly@elrobinson.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; that I am authorized by the Vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on Vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

EL Robinson Engineering

(Company) _____
(Signature of Authorized Representative)  _____
Eric Coberly, PE, Project Principal 10/20/24
(Printed Name and Title of Authorized Representative) (Date)
304.833.9021 / 304.776.6426
(Phone Number) (Fax Number) _____
ecoberly@elrobinsonengineering.com
(Email Address) _____

Addendum #1

ADDENDUM ACKNOWLEDGEMENT FORM

SOLICITATION NO.: **CEOI 0310 DEP2500000001**

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)

- ☐ Addendum No. 1
- ☐ Addendum No. 2
- ☐ Addendum No. 3
- ☐ Addendum No. 4
- ☐ Addendum No. 5

- ☐ Addendum No. 6
- ☐ Addendum No. 7
- ☐ Addendum No. 8
- ☐ Addendum No. 9
- ☐ 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.

EL Robinson Engineering

Company

Authorized Signature

Date

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