

EXPRESSION OF INTEREST

West Fork River 12 Boating Public Access Sites

Solicitation No.
CEOI 0310 DNR2200000007

West Fork River Stream Access Sites



12/17/21 14:15:15
WV Purchasing Division

Project contact:
Eric Coberly, P.E. • 304.776.7473
5088 Washington Street W • Charleston, WV 25313



www.elrobinsonengineering.com



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

Re: Expression of Interest for A/E Services for the West Fork River - 12 New Boating Public Access Sites

Dear Mr. Hager:

E.L. Robinson Engineering's (ELR) design professionals have been helping West Virginia plan and develop their communities for over 40 years. ELR's team of engineers, landscape architects and planners have completed numerous boat launch facilities, riverfront developments, and recreational master plans all across West Virginia, including: Stonewall Jackson Resort State Park Pedestrian Bridge; Little Coal River Boat Ramp; Kanawha Falls Public Access. We have through our work on infrastructure projects developed considerable experience in permitting in relation to streams or rivers.

We have also provided planning and design for many projects in the West Fork region. Members of ELR were also part of the design teams that prepared plans for the Hinton Riverbank Development Master Plan, BC& G Railroad & Trail Planning, Clendenin Trail Town Planning, and the Tygart Lake Wastewater Treatment Plant. ELR recently completed the site preparation phase of construction on the Forks of Coal State Natural Area Wildlife Museum near Alum Creek, WV. We also recently completed construction for the WVDNR of a new boat launch and river access on the Little Coal River on the Lincoln and Kanawha County line.

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

1. Our previous experience with numerous recreational planning projects throughout West Virginia will be an asset to the West Virginia Division of Natural Resources in completing this project on time and within budget.
2. With design professionals from the fields of engineering, landscape architecture 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.

We welcome the opportunity to assist the WVDNR with this significant project through planning, design and construction services. We look forward to your favorable review. Should you have any questions, please feel free to call or e-mail anytime.

Sincerely,

Eric Coperly, RE
Project Manager
ecoperly@elrobinson.com

WHO WE ARE.

E.L. Robinson provides a full range of quality engineering services, from planning and analysis to design and implementation. Over the past four decades, E.L. Robinson has grown to be a highly respected firm offering a diverse scope of services.

Founded in 1978 by our president, Edward L. Robinson, who is a registered Professional Engineer (PE) and a Professional Surveyor (PS). We come from humble beginnings. The company began as a small surveying firm with four employees and has grown to a highly-diversified engineering, planning and design and surveying firm with more than 200 employees.

WE'VE GOT YOU COVERED.

ELR professionals fill **10 offices** within an easy drive to most of the project locations. Staff are readily available for phone and email correspondence, video calls, and in-person meetings per current health guidelines.

WHAT WE ARE.

200+
employees



100%
employee owned



50+
licensed PEs




**TOP 500
DESIGN
FIRMS
2012**
EL Robinson
Engineering Co.

**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.

Project Qualifications

E.L. Robinson has a strong background in planning and design of riverfront, river access and recreational amenities. Our team has over 40 years experience working with communities in West Virginia, Ohio, and other states.

Additionally, E.L. Robinson has over 200 staff members, including registered landscape architects, professional engineers, surveyors, and construction technicians. Our offices in Cross Lanes, WV, will provide the identified scope of services.

ELR's team has been fortunate to assist other communities with design services for many capital improvements projects. The following is a partial listing of similar projects relevant to the West Fork River Boating Access Projects.

- Little Coal River Boat Ramp Access
- Kanawha Falls Public Access
- Forks of Coal State Natural Area - Alum Creek, WV
- North Bend State Park Campground Upgrades
- Holly River State Park Wastewater Treatment Plan
- Chief Logan State Park Recreational Facility
- Chief Logan State Park - Sewer
- Chief Logan State Park - Water
- Blackwater Falls State Park Sewage Treatment Plant Replacement
- Tygart Lake Wastewater Treatment Plant
- Watoga State Park Wastewater Treatment Facility Replacement
- Gallipolis Riverfront Improvements – Gallipolis, OH
- Ironton Riverfront Docks - Ironton, OH
- Hinton Island Park Master Plan
- Tomblinson Run State Park Accessible Fishing Site - New Manchester, WV
- Clendenin Trail Town Planning
- Stonewall Jackson Resort State Park Pedestrian Bridge
- BC&G Railroad and Trail
- New River Gorge Public Access
- Meadow River Boat Ramp
- Coal Grove Ice Creek Boating and Fishing Access
- South Mill Creek Recreation Area - Grant County, WV
- Upper Mud River Lake Recreation Area - Lincoln County, WV
- Beech Fork Lodge Feasibility Study
- Logan Pedestrian Bridge
- Lake Erie Bluffs Pedestrian Bridge and Stairs

For full project profiles, see pages 18-42 of this submittal.

Professional Qualifications

Mr. Eric Coberly, P.E., will serve as Project Manager. Mr. Coberly has over 37 years of experience in the field of engineering. He has managed an array of projects with ELR including site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, post-mining land use plans, and parks and recreation improvements. He has spent his career bettering the State of West Virginia in both the private and public sectors.

Mr. Ed Robinson, P.E., P.S., will serve as Quality Control and Quality Assurance representative for the project team. Mr. Robinson has over 40 years' experience in the engineering and construction field, where he has served on numerous trade industry associations and boards within the design field, including the State Director and President of the West Virginia Society of Professional Engineers, and the President of the West Virginia Council of Consulting Engineers, among others.

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

Ms. Gracelyn Carper has a diverse portfolio of experience in the fields of landscape architecture and land planning, as well as freelance experience as a fledgling artist. Ms. Carper's major areas of specialty include color renderings and aerial oblique perspectives, proposal preparation, grant writing, land planning, computer aided drafting and design, and planting design.

Mr. Brandon Conley, PE, will provide engineering support. Mr. Conley has more than 8 years of 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. Mr. Conley is currently providing periodic construction oversight for the infrastructure improvements associated with the Forks of Coal Site Preparation package.

Mr. Kenneth Kinder, P.E., has nearly 18 years of 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. Randy Lackey, P.E., will serve as a project engineer who was intricately involved in the hydraulic design process of the Blennerhassett Island Bridge Project, which connects West Virginia to Ohio as well as span the Ohio River and Blennerhassett Island. Included in this project were the following: Preparation of flood plain analysis for existing, temporary, and various post construction conditions, scour analysis using FHWA approved publications, analyzing the affects that debris flow will have on the bridge as well as Blennerhassett Island, and studying the potential for lateral channel migration and understanding the affects the migration would have on the design on the bridge substructure.

Mr. Tom Rayburn, will be assigned Chief Surveying duties. The 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.

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

Mr. Joey Jude, has over 14 years of experience as an engineering 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.

ELR project approach recommendations for the West Fork Boating Access Project

E.L. Robinson will work closely with the West Virginia Division of Natural Resources to allow this project to advance. We feel that our respective knowledge and experience in the planning, funding and design of similar projects are significant assets in developing a cost effective solution for the West Fork Boat Ramp Improvements project. Professional services may include the following:

Obtain aerial topographical, GIS, Lidar and right of way mapping from WVDNR, WVDOH, US Army Corp of Engineers, and US Fish and Wildlife, or other possible entities:

- Utilize existing GIS based mapping for the West Fork Boat Ramp facilities.
- Augment existing mapping with a field survey to establish Ordinary High Water Mark (OHWM), 100-year Flood Elevation, critical spot elevations, and existing utilities on-site.

Data Collection and Project Scoping:

- The West Fork River is a tributary of the Monongahela River, is approximately 75 miles long.
- The existing facilities require maintenance and/or upgrades to the sites.
- The West Fork Boat Access Improvements plans should address the following:
 - Improve boating and fishing access.
 - Develop a plan for a new boat ramp/accesses and parking areas.
 - Recommend improvements to the existing boat ramp/access.
- Consider permitting requirements such as the USACE 401/404 permits; US Fish & Wildlife, SHPO, NPDES, etc.
- Prepare a geotechnical investigation of the proposed launch areas if required.

Project Development:

- Inventory existing launch/access sites.
- Meet with WVDNR to identify key components for development and potential issues.
- Develop a preliminary plan for the new launch/access site, and improvements to the existing ramps/access.
- Prepare/submit all necessary permits for proposed improvements.
- Finalize construction plans for review/approval by the WVDNR and other stakeholders.
- Prepare cost estimate for proposed improvements.
- Assist the Owner in bidding the project.
- Provide construction management and construction administration services.



Route 36 Public Fishing and Boating Access Site de-watered concrete boat slide.



Jackson Mill Public Fishing and Boating Access Site launch area.



Snyder-Route 19 Public Fishing and Boating Access Site de-watered boat side. West Fork River is approximately three feet higher than normal in the photo.

ORGANIZATIONAL CHART



Eric Coberly, P.E.
Project Manager



Ed Robinson, PE, PS
ELR President

QA/QC

Hydraulic
Engineering



Brandon Conley, P.E.

Landscape
Architecture



Todd Schoolcraft, PLA
Landscape Architect



Gracelyn Carper
Land Planner

Civic
Engineering



Kenneth Kinder, P.E.



Randy Lackey, P.E.

Surveying
& Mapping



Tom Rayburn

Project
Designers



Todd Garnes
CADD Manager



Joey Jude

ERIC COBERLY, PE

Project Principal



Education

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

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

Registrations

Registered Professional
Engineer in West Virginia,
Ohio, and Maryland

Professional Experience

Mr. Coberly has more than 35 years of experience as an infrastructure and mining engineer. He has extensive experience in project planning, funding coordination and design. Mr. Coberly has managed projects with ELR which have involved site development, infrastructure planning, water, sewer, geotechnical analysis, abandoned mine reclamation projects, building construction, active surface mining projects, insurance investigations, providing expert witness services and various post mining land use projects.

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

Representative Projects

- Frank-Bartow Sanitary Sewer Extension
- Heaters-Weyerhaeuser Waterline Upgrade
- City of Bluefield Commercialization Center
- Greenfield Cabinetry Building Expansion
- Scott Findley Road Waterline Extension Project
- Exchange Road Phase I Waterline Extension
- Exchange Road Phase II Waterline Extension
- Putnam Business Park Utility Extension Phase II
- Kenova Downtown School Waterline Improvements
- Prichard Waterline Upgrade
- Route 18 South-Snowbird Road Waterline Extension Project
- Town of Clay Water Storage Tank Replacement
- Poca Belt Press
- Blue Knob Waterline Extension Project
- Harts Run Water Project
- Bergoo Wastewater Collection and Treatment System Project
- Cow Creek Waterline Extension Project
- WVDEP OSR Viking Preston Mining Project
- Over 100 West Virginia Department of Environmental Protection Abandoned Mine Lands reclamation projects

ED ROBINSON, PE, PS

Quality Advisor/Quality Control



Education

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

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

Registrations

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

Registered Professional
Surveyor in West Virginia

Professional Experience

In 1978, Mr. Robinson founded E.L. Robinson Engineering with only four employees. Under his leadership, ELR has grown exponentially to what it is today – a highly diversified engineering and surveying firm with 170 full time, experienced professionals and support personnel. ELR, which was a small surveying firm at its inception, now offers a complete range of services, including construction management, transportation engineering, utilities engineering, geotechnical engineering, surveying and technology, land planning and landscape architecture, bridge and structural engineering, and site development.

Mr. Robinson is committed to quality engineering services and complete customer service. He recognizes the importance of every client he has interacted with and every staff member he has invested in. From holding sole ownership, Mr. Robinson converted ELR to an employee owned company through the Employee Stock Ownership Plan (ESOP).

Professional Memberships

National Society of Professional Engineers
American Society of Civil Engineers

Offices Held

Current Chairman of WVUIT Advisory Board
President of West Virginia Council of Consulting Engineers
Chairman Transportation Committee - WV Association of Consulting Engineers
State Director of West Virginia Society of Professional Engineers
President of West Virginia Society of Professional Engineers
Assistant Treasurer of the American Society of Civil Engineers
National Director of the ASCE representing WV, NC, SC and VA
President of West Virginia Section of ASCE

Honors Awarded

Alumnus of the Year – West Virginia University Institute of Technology, 1992
Engineer of the Year – West Virginia Society of Professional Engineers, 1997
Engineer of the Year – American Society of Civil Engineers, 1998
National Entrepreneur of the Year Finalist – Ernst & Young, 2001
Engineering Entrepreneur of the Year – Ernst & Young, 2001
Honorary PhD, Doctor of Science – West Virginia Institute of Technology 2002
West Virginia Section - ASHE - Man of the Year - 2010

TODD SCHOOLCRAFT, PLA

Project Manager



Education

B.S. Landscape Architecture,
West Virginia University,
1991

Safe Spaces: ASLA Security
Design Symposium, Chicago,
IL, 2004

AQUA Conference Educa-
tional Sessions, Las Vegas,
NV, 2005

CERFP Team Training, WV
Army National Guard, 2006

Registrations

PLA, West Virginia, 1995
PLA, Pennsylvania, 2018
RLA, North Carolina, 2005
RLA, Ohio, 2002
CLARB Certified, 2001
LEED® Green Associate,
2012

Professional Experience

Mr. Schoolcraft has over 27 years of experience in the fields of landscape architecture and land planning, with over 33 years of experience in the building and construction industry. Mr. Schoolcraft has extensive experience managing complex projects and leading multi-disciplined teams of professionals resulting in the successful delivery of numerous quality projects on-time and on-budget. Major areas of specialty include commercial development, military installation design, land planning, public development, site planning and design, park and recreation design, trails and greenways, streetscape design and urban planning, and residential subdivision layout. Mr. Schoolcraft is a retired U.S. Army Officer, holding the rank of Major, with over 23 years of time in service in the U.S. armed forces. In the last years of service, he held the position of Operations Officer with the newly formed Chemical, Biological, Radiological, Nuclear or High Yield Explosive Enhanced Response Force Package Team (CERFP Team) with the West Virginia Army National Guard.

Prior to this, he was a combat engineer with the Design Section of the 111th Engineer Group, West Virginia Army National Guard. The 111th Engineer Group served in the Middle East in support of Operation Iraqi Freedom and Operation Enduring Freedom. During that time, Mr. Schoolcraft was awarded the Bronze Star Medal for meritorious service associated with a multitude of engineering and architectural projects in Kuwait and Iraq. Mr. Schoolcraft was appointed by the governor to the West Virginia State Board of Landscape Architects and served over 9 years as Secretary and Treasurer.

Representative Projects

Bluestone Adventure Trails Master Plan for the Mercer County Commission and Bluestone Valley Trails Committee, Princeton, West Virginia. Project Manager. The Bluestone Adventure Trails Plan for Mercer County was developed to position the County to compete regionally in the recreational trails tourism market, for users searching for new mountain bike routes, hiking trails, water trails recreation, and fishing access in the Bluestone valley area.

Lincoln County Trails to the Future Feasibility Study for the Lincoln County Economic Development Authority, West Hamlin, West Virginia. Project Manager. The Lincoln County Trails to the Future plan was developed as an opportunity to showcase and expand the recreational trails opportunities of Lincoln County by providing a platform for new trails to be developed, while leveraging the existing trails, parks and recreational amenities, and proximity to potential trail users and the visitors within and outside the County.

Pennsboro Trailhead, Old Stone House/Boarding House, and Historic B&O Train Depot Improvements for the City of Pennsboro and the Ritchie County Historical Society, Pennsboro, West Virginia. Project Landscape Architect. Responsible for concept planning, detailed design, construction documents, bidding, construction administration and construction inspection. The Ritchie County Historical Society, in conjunction with the City of Pennsboro, solicited services for the planning and detailed design of a new trailhead along the North Bend State Park Rail Trail. Site improvements include the first known use of pervious asphalt in West Virginia as the pavement surface for the parking area. A rain garden/bio-retention swale was also included as the many green, sustainable design solutions proposed. This project was awarded an ASLA Merit Award.

Greenbrier River Rail-Trail Improvements for the WVDNR, Parks and Recreation Division in Greenbrier County, West Virginia. Project Manager. Responsible for field inventory and analysis, base map preparation, concept development, detailed design, and construction documents preparation. The banks of the Greenbrier River were literally washed away twice during severe flooding in 1996. Also washed away were parts of the Greenbrier River Trail, the 88-mile former railroad line from Cass to Caldwell, which is maintained by the West Virginia Division of Natural Resources. Developed FEMA-funded plans to restore trail to its former function as a State Park.

North Bend Rail-Trail Preservation Project for the West Virginia Department of Natural Resources, Parks and Recreation Division, and the West Virginia Division of Highways, along US 50, West Virginia. Project Manager. Responsible for field inventory and analysis, base map preparation, concept development, detailed design, and construction documents preparation.

GRACETYN CARPER

Land Planner



Education

B.S. Landscape Architecture, West Virginia University, 2019

CADD Technician Certificate, Carver Career Center, 2015

Graduate, Herbert Hoover High School, 2015

Registrations

Currently preparing to sit for the LARE exam for registration in West Virginia

Professional Experience

Ms. Carper has a diverse portfolio of experience in the fields of landscape architecture and land planning, as well as freelance experience as a fledgling artist. Ms. Carper has extensive experience working in a group setting, effectively leading design teams utilizing effective problem-solving skills. Major areas of specialty include color renderings and aerial oblique perspectives, proposal preparation, grant writing, land planning, computer aided drafting and design, and planting design. Ms. Carper was also a member of SSLA (Student Society of Landscape Architects) for four years.

Representative Projects

Mary Ingles Draper Summers-Mercer County Trail Mapping for the Summers County Commission and the Mercer County Commission, New River Gorge, West Virginia. Land Planner. Responsible for base map preparation, content development, and graphic design. Was asked by the Commissions of both Mercer and Summers County to prepare a graphically-oriented map that captured the extent of the existing and proposed trail system crossing multiple counties and two states near southern West Virginia. The trail system encapsulates the famous Mary Ingles Draper trek escaping Shawnee Indian capture, as well as portions of the Great Eastern Trail, and Bluestone Adventure Trail, within the New River Gorge and Bluestone River Valley.

Williamson Streetscape and Trail Improvements Grant Funding Graphics for the City of Williamson, Mingo County, West Virginia. Graphic Designer. Responsible for aerial mapping preparation, graphic layout, and design. Developed graphic representations of proposed streetscape and trail improvements for the City of Williamson to use as exhibits to support their WVDOH Transportation Alternatives grant application.

Wayne Sidewalk Improvements for the Town of Wayne, Wayne County, West Virginia. CAD Support. Responsible for computer-aided drafting and design, and construction document production. Developed detailed design plans and construction documents for sidewalk improvements along Keyser Street, Hendricks Street, and Hall Street in downtown Wayne, WV. Project consisted of five blocks of sidewalk improvements, tying commercial business areas with residential areas with new safe, convenient, ADA-accessible walkways. Amenities included 445 square yards of concrete sidewalks, curb ramps with truncated domes, concrete cheek wall, aluminum handrailing, concrete curbs, driveway curb cuts, crosswalks, storm sewer improvements, signage and parking meters.

Harrisville Sidewalk Improvements Phase III for the Town of Harrisville, Ritchie County, West Virginia. CAD Design. Responsible for computer-aided drafting and design, and construction document production. Developed detailed design plans and construction documents for sidewalk improvements along East South Street and South Stout Street in downtown Harrisville, WV. Project consisted of two blocks of sidewalk improvements, tying commercial business areas and residential areas with new safe, convenient, ADA-accessible walkways.

Domino's Pizza Ashland Site Development for the Domino's Real Estate Division, Lexington, Kentucky. CAD Designer. Responsible for field inventory, computer-aided drafting and design, and construction document production. Performed field inventory and analysis functions for the final design, as well as developing detailed design plans and construction documents. The project consisted of constructing a new Domino's Pizza restaurant on a 0.29-acre site in downtown Ashland, KY. The project included demolition plans, a 20-car parking lot, drive-thru lane, siting of a 3,200-sf commercial building, sidewalks and handicap accessible curb ramps, site utilities and landscaping.

Logan Boat Ramp and Riverfront Park Concepts for the City of Logan, Logan County, West Virginia. Land Planner. Responsible for aerial mapping preparation, graphic layout, and design. Developed graphic representations of proposed boat launch and riverfront park improvements along the Guyandotte River for the City of Logan to use as exhibits to gain local support and seek out funding through various grant applications.

BRANDON CONLEY, PE

Project Engineer



Education

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

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

Registrations

Registered Professional Engineer in West Virginia, Kentucky and Ohio

Professional Experience

Mr. Conley has more than 10 years of 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. Training includes preliminary engineering reports, line layout, hydraulic design, lift and booster station design, water storage tank design, preparation of construction documents and specifications, preparation of permit applications and coordination with regulatory and funding agencies.

Representative Projects

- **Eastern Wyoming PSD Barkers Ridge/Basin Phase I & II Waterline Extension Project.** Construction and design with a \$10,644,000 cost.
- **Eastern Wyoming PSD Beartown-Herndon Heights AML Waterline Extension Project.** Construction with a \$9,388,000 cost.
- **Eastern Wyoming PSD Bud/Alpoca Water System Upgrade Project.** Construction with a \$2,270,000 cost.
- **Eastern Wyoming PSD Coval Waterline Extension Project.** Construction with a \$5,860,000 cost.
- **Eastern Wyoming PSD Otsego Waterline Extension Project.** Construction with a \$9,828,000 cost.
- **Lincoln PSD Lower Mud River Waterline Extension Project.** Construction with a \$6,452,000 cost.
- **Logan County PSD Big Harts Phase I through IV Waterline Extension Project.** Planning, design and construction with a \$22,810,000 cost.
- **Logan County PSD Big Ugly Creek Road Phase I through III Waterline Extension Project.** Planning with a \$10,035,000 cost.
- **Logan County PSD Frances Creek Waterline Extension Project.** Construction with a \$2,830,000 cost.
- **Logan County PSD Hidden Valley/Airport Road Water System Upgrade Project.** Construction with a \$1,307,000 cost.
- **Mingo County Redevelopment Authority Mingo County Air Transportation Park Water and Sewer Extension Project.** Design with a \$7,000,000 cost.
- **Town of Chapmanville Water System Upgrade Project Phase I & II.** Construction and design with a \$5,050,000 cost.
- **Town of Williamson Water System Upgrade Project.** Design with a \$11,764,000 cost.
- **West Virginia Division of Natural Resources Claudia L. Workman Wildlife Education Center Phase I.** Construction with a \$2,110,000 cost.
- **Town of Pax Willis Branch Sewer Extension Project.** Planning and Design with a \$2,300,000 cost.
- **Town of Gilbert River Bend Road Waterline Extension Project.** Planning and Design with a \$2,229,000 cost.

KENNETH KINDER, P.E.

Project Engineer



Education

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

Registrations

Registered Professional
Engineer in West Virginia
and Virginia

Certified Floodplain
Manager (CFM)

Professional Experience

Mr. Kinder has nearly 18 years of 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.

Representative Projects

- 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
- 100 MW Solar Generation Facility in Lancaster County, VA – Civil Design Task Manager
- 70 MW Solar Generation Facility in Richmond County, VA – Civil Design Task Manager
- CCR Impoundment Closure Project for 5 impoundments, Prince William County, VA - Civil Design Task Manager and Assistant Project Manager
- CCR Bottom Ash Pond Retrofit Design for 3 impoundments, Armstrong County, PA – Civil Task Manager and Assistant Project Manager
- CCR Bottom Ash Pond Retrofit Design for 4 impoundments, Lycoming County, PA – Civil Task Manager

RANDY LACKEY, P.E.

Project Engineer



Education

B.S. Civil Engineering,
West Virginia Institute of
Technology, 1999

Registrations

Registered Professional
Engineer in West
Virginia, Ohio and
Kentucky

Professional Experience

Mr. Lackey was intricately involved in the hydraulic design process of the Blennerhassett Island Bridge Project, which connects West Virginia to Ohio as well as span the Ohio River and Blennerhassett Island. Included in this project were the following: Preparation of flood plain analysis for existing, temporary, and various post construction conditions, scour analysis using FHWA approved publications, analyzing the affects that debris flow will have on the bridge as well as Blennerhassett Island, and studying the potential for lateral channel migration and understanding the affects the migration would have on the design on the bridge substructure.

Mr. Lackey was also involved with the hydraulic design process of the Corridor H South Branch of the Potomac River Bridge. Included in this project were the following: Preparation of flood plain analysis for existing, temporary, and various post construction conditions, scour analysis using FHWA approved publications, analyzing the affects that debris flow will have on the bridge, studying the affects the proposed conditions will have on the Town of Moorefield, WV flood level, and studying the potential for lateral channel migration and understanding the affects the migration would have on the design on the bridge substructure.

Mr. Lackey has also performed hydraulics and scour computations for Guyandotte River Bridge, Wyoming Truss Bridge, Ripley Town Bridge, Jackson Bridge, Beaver Creek Bridge, Walnut Bottom Bridge, Tallman Bridge, Meadowbrook Road Bridge, Simpson Creek Bridge, Kermit Bypass Bridges and culverts, Left Hand Fork Bridge, and Corridor H Bridges over Walnut Bottom Run and an unnamed tributary.

Mr. Lackey has prepared Section 404 permitting analysis and paperwork for Ripley Town Bridge, Simpson Creek Bridge, Meadowbrook Road Bridge, and the Left Hand Fork Bridge. Along with this work, Mr. Lackey has prepared CLOMR and documentation for Horseshoe Village Subdivision and for The Ohio State University Medical Center's two proposed bridges that connect the University with OH SR 314 over the Olentangy River.

Mr. Lackey has performed calculations for deck drainage, performed girder design and analysis, pier design and analysis, prepared design study reports, type, size and location reports and final plans on many of E.L. Robinson's Division of Highways projects.

Representative Projects

- Corridor H - Kerens to Parsons - Section 01 Design Build Project, Randolph and Tucker Counties, WV
- I-77 bridges: Surface Drive Overpass Bridges: Project Engineer
- Tuppens Creek-Pocatalico Bridges: Project Engineer
- Guyandotte River Bridge: Project Engineer for the Value Engineering of Guyandotte River Bridge (Bridge No. 4971).
- Morehead Bridge: Project Engineer for the Value Engineering of Morehead Bridge (County Route 26)

TOM RAYBURN, PS

Manager of Surveying



Education

A.S. Mechanical Engineering,
West Virginia Institute of
Technology, 1970

Registrations

Registered Professional
Surveyor in West Virginia,
Kentucky, North Carolina

Professional Experience

Mr. Rayburn currently serves as Manager of Surveying for E.L. Robinson Engineering and has more than 30 years 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 I-64/I-77 Retaining Wall for Monitoring.

Representative Projects

- WVDOH Wellsburg Bridge Project
- WVDOH I-81 Widening Project
- WVDOH I-79 Flatwoods
- WVDOH I-70 Mining 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
- Logan County Commission Building Elevator and Stairway Project- Logan, WV
- WVDOH WV Route 10 Operational Improvements
- Chief Logan Recreational Center- Logan, WV
- Forks of Coal Site Development
- Logan County Commission /WVANG C130 Camp Branch Landing Zone
- WVDOH Median Improvement Surveys I-64 and I-77
- Surveys for Huntington Tri-State Airport Improvements
- Huntington Federal Building/USACOE Seven Floor Reconstruction Surveys
- WVDOH / Modjesky and Masters New River Parkway Highway Design Surveys
- Moses Auto Group 5.5 Acre ALTA Survey South Charleston, WV
- Gallipolis Ohio Waterfront Survey

TODD GARNES

Design/CADD Manager



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

Professional Experience

Mr. Garnes has more than 20 years of experience as a civil draftsman and designer. He is proficient in numerous drafting and mapping software. His proficiency spans multiple drafting platforms such as Civil3D, Auto CADD and Microsoft InRoads. Further, Mr. Garnes has experience in GIS, construction inspection, waterline planning and design, sanitary sewer planning and design, site development, cathodic protection planning, county-wide planning,, and document preparation.

Representative Projects

- 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
- Bluefield Commercialization Station
- 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

JOEY JUDE

Project Designer



Education

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

Professional Experience

Mr. Jude has over 14 years of experience as an engineering 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.

Representative Projects

- 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

Little Coal River Boat Ramp at Lincoln / Kanawha County Line near Alum Creek, WV



WVDNR retained E.L. Robinson in 2017 to prepare survey, geotechnical evaluation, and construction documents for upgrades of this existing access site near the US 119 Bridge off of County Route 8.

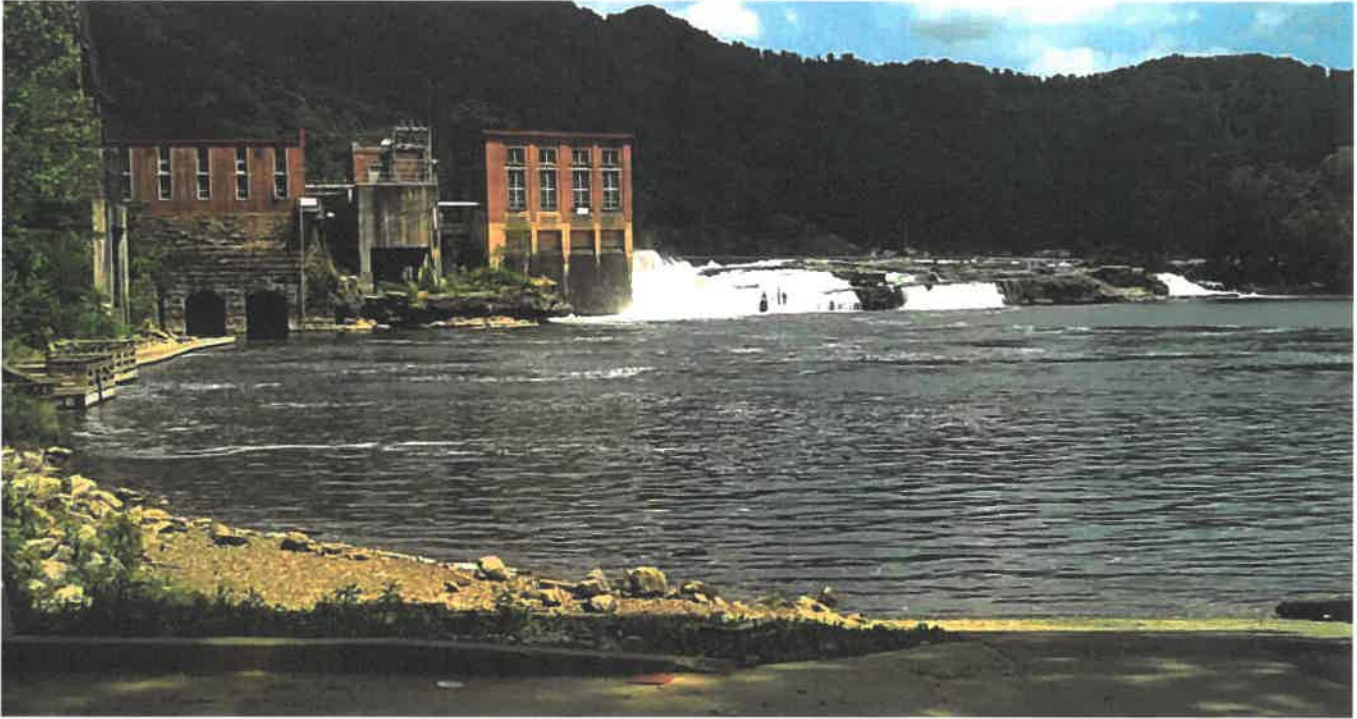
The site related elements ELR will design are:

- Upgrade the existing road into the site.
- New concrete ramp built to the river's edge to allow for vehicles with boats easier water access to unload via trailer or roof racks.
- Entry sign.
- Parking for vehicles and trailered vehicles.
- Gates to prevent public access under US 119 Bridge.

CLIENT:

West Virginia Division of
Natural Resources

Kanawha Falls Public Access



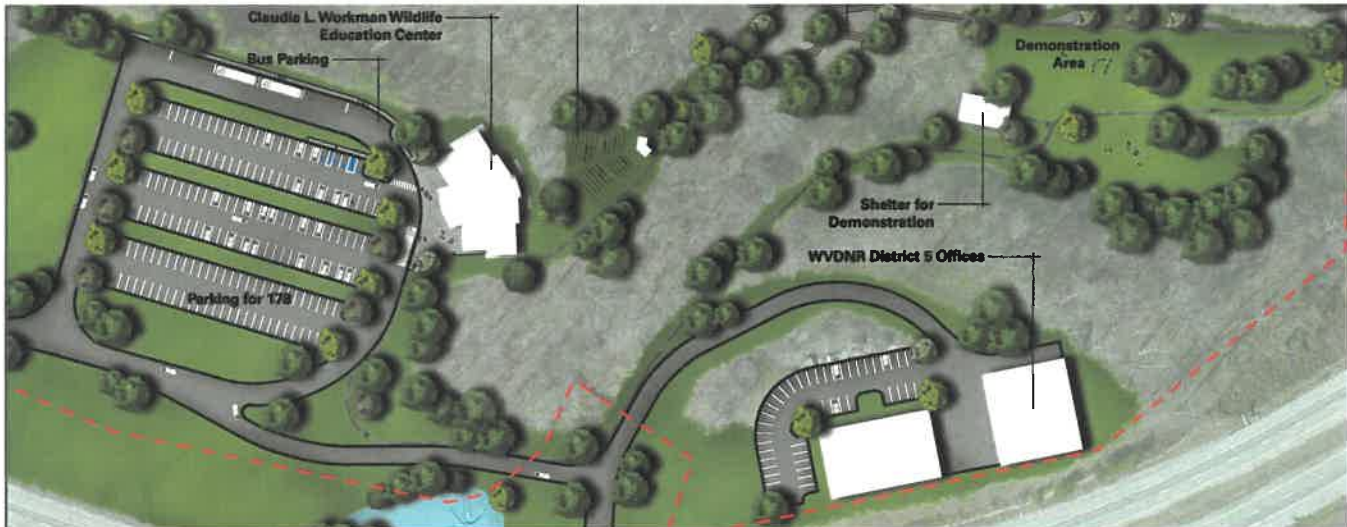
E.L. Robinson's landscape architects prepared construction documents for this unique natural landmark on the Kanawha River just down stream from its formation at Gauley Bridge. This project included a boat ramp, access road, parking facilities, fishing pier, trails, and picnic sites for this excellent fishing area as well as a very scenic tourist spot along US Route 60 in Fayette County.

This project was completed by E.L. Robinson's landscape architects prior to their affiliation with the firm.

CLIENT:
West Virginia Division of Natural Resources



Forks of Coal State Natural Area/ Claudia L. Workman Wildlife Education Center Master Plan



WVDNR retained E.L. Robinson in 2015 to prepare a master plan for this 100 plus acre site donated to the State of West Virginia for the development of the state's first natural area. The site is located at the forks of the Big Coal and Little Coal River, approximately twenty miles from downtown Charleston.

In 2018, WVDNR retained the team of E.L. Robinson Engineering and ZMM Architects to prepare construction documents for the Forks of Coal Natural Area and the Wildlife Education Center.

This site related elements ELR will design are:

- Access road off US 119 and car and bus parking area for the Claudia L. Workman Wildlife Education Center
- Site development for the Education Center including entry courtyard and outdoor classroom/amphitheater
- Entry sign
- Trailhead parking
- Waterline extension from the Lincoln County PSD and an onsite sewage treatment facility for the education center
- Landscape plans for the center, of which all plants had to be native species.
- Other pedestrian linkages and site amenities.

CLIENT:

West Virginia Division of Natural Resources

LOCATION:

Alum Creek, WV



North Bend State Park Campground Upgrades



ELR prepared construction documents for mitigating the standing water present in many of the 26 sites due to years of added road pavement and lack of adequate cross slope and drainage swales throughout the campground. Also, provided an upgrade of the existing electrical service to the campsites by increasing the sites from 30 amp to 50 amp service which requires extending 3 phase service 1600' to the campground. Additionally the park staff wants to establish individual water hook ups at all 26 campsites. Only five (5) centralized faucets exist throughout the campground. To facilitate this, an aging 2" waterline to the campground will require replacement with 1600 feet of new 4" waterline. Lastly staff expressed an interest in evaluating the cost of a prefabricated concrete restroom facility for the additional 22 campsites that have no facilities lessening the burden on the existing restroom /bathhouse in the original 26 site campsites.

CLIENT:

WV Division of Natural Resources

Mr. Brad Leslie, P.E.
Assistant Chief
West Virginia Division of Natural
Resources Parks and Recreation
Section
324 4th Avenue
South Charleston, WV 25303

COMPLETION DATE:

2016

PROJECT COST:

\$250,000 (first phase) est

OUR ROLE:

Topographical survey, civil and electrical engineering, material selection, construction documents, and construction observation

Holly River State Park Wastewater Treatment Plan



E.L. Robinson was retained by the West Virginia Division of Natural Resources, Parks and Recreation to provide planning, design and construction administration services for a new waste water treatment plant for Holly River State Park in Webster County, West Virginia.

The goal of ELR's environmental engineers was to produce a design that would enable our client to provide a safe, dependable and economical treatment of sanitary sewage for the park, while preserving and protecting the scenic and recreational elements at the same time. Working closely with our client and the owner, WV Department of Natural Resources, Parks and Recreation, a practical solution that yields long-term benefits was produced, insuring a positive and successful project.

CLIENT

WV Department of
Natural Resources,
Parks and Recreation

COMPLETION DATE

1999

PROJECT COST

\$66,000

**E.L. ROBINSON'S
ROLE**

Design and construction
inspection

Chief Logan State Park Recreational Facility



The facility consists of a 37,050 SF first level that has a tennis facility surrounded by an elevated walking track, and a 25 meter indoor swimming facility. A second level consisting of 8563 square foot includes a weight lifting facility as well as several other exercise areas.

E. L. Robinson Engineering provided Geotechnical, Civil and Structural Design services for the facility. We also served as the Prime Consultant on the project and worked with our sub contractors the project architect and the project mechanical engineer. The site was a former mine fill area with 70 -80 feet of rock over burden placed on site during mining operations. E. L. Robinson worked with the owner after performing a geotechnical investigation to develop a plan to remove soil at the site to a depth of 12 feet removing oversized materials and replacing the material with an engineered fill. Upon completion of the earthwork, plans and specifications for the structure and the foundation system were developed. In addition sewage and water infrastructure was designed to serve the facility. Working with the owner, project architect, and mechanical engineer the facility was bid documents were developed. E. L. Robinson assisted the owner in the solicitation of bids and award of the contract and also provided on-site review of the construction as needed.

Client:

WV Department of Natural Resources

Project Location:

Logan County, WV

Key Personnel:

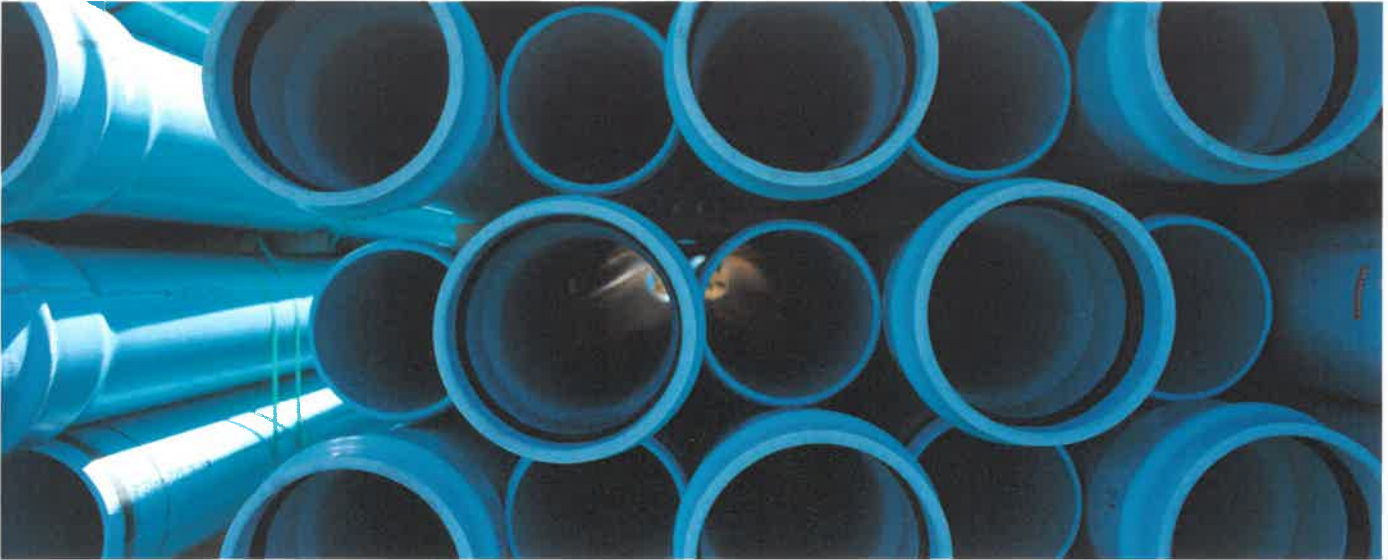
Tim Cart, P.E.
Randall Lewis
Eric Coberly, P.E.

Project Cost:

\$5,200,000

Year Completed:

2009



Chief Logan State Park - Sewer

The project consisted of extending service to 12 additional camp sites. This consisted of approximately 2000 feet of sewer line and installation of 13 manholes. Initially the project involved replacing the existing treatment plant but the plan was changed to incorporate that into the Logan County PSD sewer System. ELR assisted in that evaluation and determination as well.

Client:
WVDNR

Location:
Logan County

Key personnel:
Eric Coberly
Todd Garnes

Project Cost (estimated):
\$400,0000

Year Completed:
Out to bid

Chief Logan State Park - Water

The project consisted of providing upgrades to the existing waterlines within the park. The scope include design of approximately 11,000 linear feet of waterline replacement, installation of gate valves, replacement of service lines and reconnections of services.

Client:
WVDNR

Location:
Logan County

Key personnel:
Eric Coberly
Todd Garnes

Project Cost:
\$382,0000

Year Completed:
2021

Blackwater Falls State Park Sewage Treatment Plant Replacement



E.L. Robinson Engineering Co. was contracted by the West Virginia Division of Natural Resources, Parks & Recreation to design a new concrete sewage treatment plant which eliminates the potential for rust. The new plant also uses ultraviolet disinfection and provides a sand filter prior to discharge into the Blackwater Canyon.

The new plant was constructed adjacent to the existing plant. E.L. Robinson's design kept the existing plant in service during construction. A new building was also designed to match the building housing the existing plant.



CLIENT:

West Virginia Division of Natural Resources, Parks and Recreation

Brad S. Leslie, P.E.
 Assistant Chief West Virginia
 Division of Natural Resources
 State Parks Section
 324 4th Avenue
 South Charleston, WV 25303
 Phone: 304.558.2764 Ext. 51823
 E-Mail: bradley.s.leslie@wv.gov

COMPLETION DATE:

2008

PROJECT COST:

\$600,000

OUR ROLE:

Design and Construction
 Observation

Tygart Lake Wastewater Treatment Plant



E.L. Robinson Engineering Co. was retained by the West Virginia Division of Natural Resources, Parks and Recreation, to provide planning, design and construction administration services for a new waste water treatment plant for Tygart Lake State Park near Grafton, West Virginia.

The existing treatment plant was replaced by an 8,000 gallon per day package plant, with new controls and electrical equipment. The new plant serves the lodge. A concrete retaining wall was also constructed due to poor soil conditions at the plant site.

CLIENT:

West Virginia Division of Natural Resources, Parks and Recreation

COMPLETION DATE:

1998

PROJECT COST:

\$118,000

OUR ROLE:

Design and Construction
Observation

Watoga State Park Wastewater Treatment Facility Replacement



The West Virginia Division of Natural Resources contracted ELR to replace an existing 10,000 gpd package treatment plant at the campground. The existing plant was oversized, outdated, and in disrepair. ELR chose to replace the existing plant with an Orenco AX100 AdvanTex Wastewater Treatment System. The new system incorporated an 8,000-gallon septic tank, a 4,000-gallon recirculation tank, and two AX100 Treatment Pods. The new plant was designed to accommodate fifty RV sites and a bathhouse. The designed average daily flow is 2,000 gpd and maximum daily flow is 3,750 gpd. The new plant discharges through a chlorination and dechlorination process before it outlets to the Greenbrier River. Once the new plant was online, the existing package plant was abandoned, dismantled, backfilled, and properly seeded and dressed. Construction was finished in November 2017.

CLIENT:
WVDNR

Project Location:
Marlinton, WV

Key Personnel:
Eric Coberly, P.E.
Randall Lewis
Todd Ganes

Project Cost:
\$500,000

Year Completed:
2017

Gallipolis Riverfront Improvements



E.L. Robinson Engineering is responsible for project planning, permitting, design, and construction management of Riverfront Access Improvements for the City of Gallipolis, Ohio. The project provides upgrades to the existing river access including a new access road, 37 additional boat trailer parking spaces with make ready and tie down areas, 9 vehicle parking spaces, new floating courtesy dock and gangway at the existing boat ramp, parking lot lighting, and concrete amphitheater seating.

CLIENT:
City of Gallipolis, Ohio

Eugene Green, City Manager
City of Gallipolis, Ohio
2020 Chestnut Street
Ironton, Ohio 45631
Phone: 740.446.1789

COST: \$792,250



Ironton Riverfront Docks Project



E.L. Robinson Engineering is responsible for project planning, funding, USACE permitting, design, and construction management of the installation of transient boat docks at the Ironton, Ohio Riverfront. The project provides 30 transient boat slips along 450 linear feet of floating dock, a 230 foot long sheet piling retaining wall and river walk, and an aluminum gangway to provide access to the floating docks from the river walk.

CLIENT:
City of Ironton, Ohio

Katrina Keith, Mayor
City of Ironton, Ohio
301 South Third Street
Ironton, Ohio 45638
Phone: 740.532.3833

COST: \$668,877



Hinton Riverfront Development Master Plan



Base map preparation, conceptual design and master planning, budgetary cost estimate preparation, and presentation to state officials.

Mayor Jackie Scott reached out to E.L. Robinson Engineering Co. (ELR) to prepare a master plan, concept plans, graphics and budgetary cost estimates for proposed riverfront and trail developments along the New River within the Corporate Limits of Hinton. There was an aggressive schedule the Mayor had in mind, that would put ELR's resources to the test. With the new designation of the New River Gorge National River being promoted to a National Park in late 2020, a contingent of high level political personalities from Washington D.C. were scheduled to be in the New River Gorge area in late January to early February to help unveil the new National Park Service signs designating the New River Gorge as a National Park. The City of Hinton was made aware of the planned trip in late November, and decided this was the opportunity the

City needed to present Governor Jim Justice's office, Senator Shelly Moore-Capito's office, and Senator Joe Manchin's office, plans for new riverfront trail and river access along the New River. The Mayor subsequently contacted ELR in early December requesting the master planning effort to be completed in less than two months. ELR accepted the challenge, and successfully delivered the master plans, conceptual site plans, graphics, cost opinions, all on time for presentations to the State and Federal dignitaries.

CLIENT:

The City of Hinton

The Honorable Jackie Scott,
Mayor
322 Summers Street
Hinton, WV 25951
304.466.3255

COMPLETION DATE:

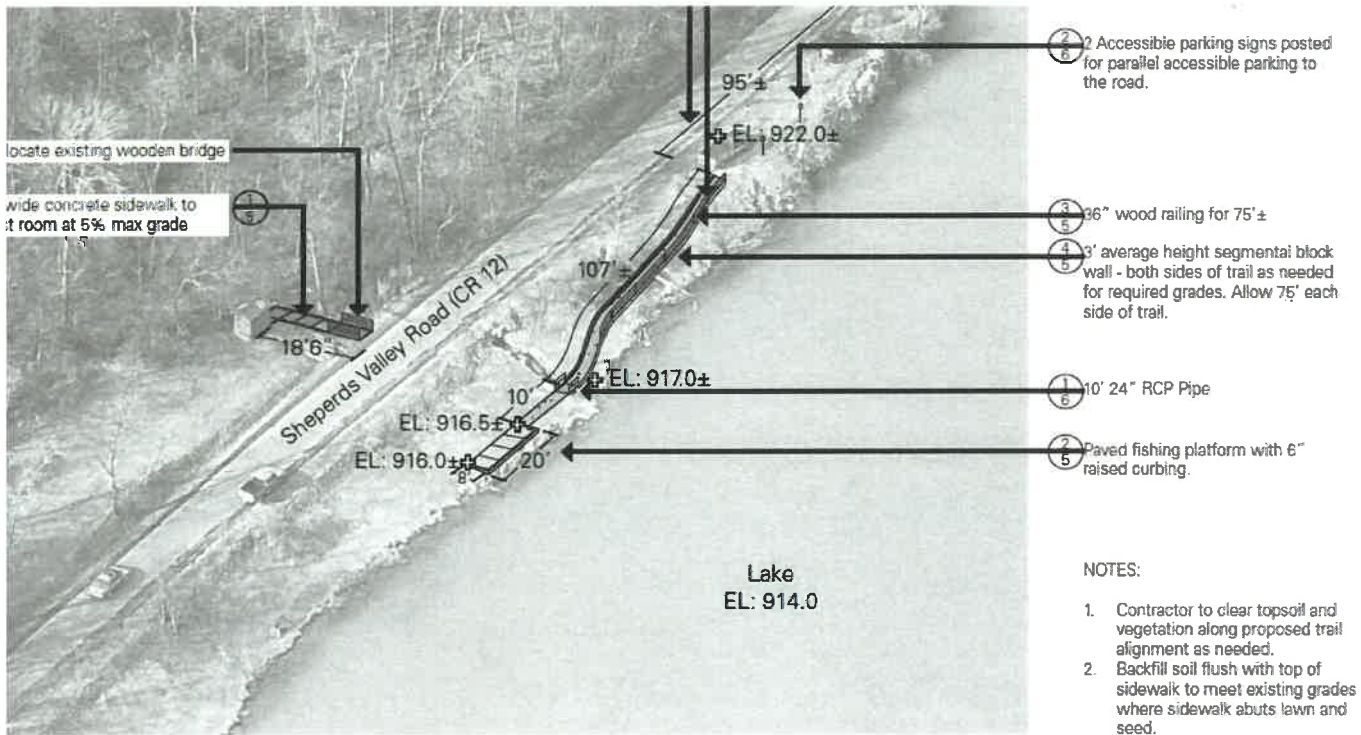
February 15, 2021

PROJECT COST:

\$5,000 (Design only)



Tomlinson Run State Park ADA Accessible Fishing Site



ELR prepared construction documents for an accessible walkway meeting ADA guidelines from an existing parking area to the water edge. A 5' wide sidewalk within segmental block retaining walls and railing will be constructed to an enlarged 8' by 20' concrete paved area. A curbed barrier along the water edge of the paved fishing area allows close proximity to the park's lake for fishing. Additional elements included an accessible paved route to an existing restroom and appropriate signage.



CLIENT:

WV Division of Natural Resources

Mr. Brad Leslie, P.E.
Assistant Chief
West Virginia Division of Natural Resources Parks and Recreation Section
324 4th Avenue
South Charleston, WV 25303

COMPLETION DATE:

December 2015

PROJECT COST:

\$57,767 est

OUR ROLE:

Site design, material selection, construction documents, and construction observation

Clendenin Trail Town Planning



ELR's landscape architects and planners were retained by the Kanawha County Planning Commission to prepare a trail town feasibility study for the Town of Clendenin. The trail town plan was prepared as an opportunity for the Town of Clendenin to better position its businesses and residents to showcase and expand the retail and recreational environment in the upper Kanawha County and lower Elk River area. The town is expected to have an influx of recreational tourism visitors to the new Elk River Rail-Trail State Park. By providing a platform for new trail amenities and businesses to be developed, while leveraging the existing Elk River Scenic River and its associated parks and recreational amenities, Clendenin has a great opportunity to capitalize on a large proximity of potential trail users and visitors within and outside the County and State.

The purpose of the Clendenin Trail Town Feasibility Study was to explore the development of recreational amenities associated with non-motorized trails (hiking, biking, equestrian, kayaking, canoeing, tubing, fishing, etc.) throughout the Clendenin area, through the identification of 1) potential trail amenities and trailheads, and 2) new and/or expanded businesses, and the implementation strategy needed for the development of such. The ultimate goal was to boost the economic activity in the region through destination tourism activities.

The final steps included concept plans for proposed trailhead and other amenities, and the preparation of budgetary cost opinions for the County's use in pursuing grant funding.

CLIENT:

Kanawha County Commission

COMPLETION DATE:

July 2020

PROJECT COST:

\$25,600

OUR ROLE:

- Field inventory of rail-trail corridor
- Inventory of ROW encroachments
- Concept plan preparation for selected site
- Budgetary cost estimating
- Economic development planning
- Market data summary

Stonewall Jackson Resort State Park Pedestrian Bridge



West Virginia Division of Natural Resources received a grant to build a pedestrian bridge approximately 900 feet across the lake from the lodge to the campground. An initial concept plan was developed for the bridge in 2008 which served as the basis of the final design which EL Robinson was retained to develop.

The structure was designed as a 10' wide timber pile bridge with appropriate wooden decking and handrail. The accessible approach on the lodge side was previously completed and the contractor was charged with connecting the bridge to that existing approach. At the campground end of the bridge an alignment was designed and constructed to allow for the Resort to build that accessible approach separate from the bridge construction.

CLIENT:

West Virginia Division of Natural Resources

COMPLETION DATE:

2011

PROJECT COST:

\$400,000

OUR ROLE:

Site design, structural engineering, landscape architecture, construction documents, bidding and construction observation.

BC&G Railroad and Trail



Running along the Buffalo Creek, the Buffalo Creek & Gauley Railroad (BC&G) is an 18.6-mile-long former coal-hauling shortline that operated primarily from 1904 through 1965. Through a repurposing strategy called 'rail-with-trail,' the Clay County Business Development Authority (BDA) is now maintaining the BC&G as an excursion train and recreation trail. Rail-with-trail sees recreational trails built directly adjacent to active the active railroad, still allowing draisine rail-biking and excursion trains to operate while the hiking and biking trail recreation occurs simultaneously. Tragically, the flash floods of 2016 caused the Buffalo Creek riverbank and much of the BC&G railroad and trail to incur severe damage from erosion, sediment deposition, washouts, and bridge displacements. As Clay and affected neighboring WV counties underwent numerous flood-mitigation initiatives to repair homes and infrastructure damaged by the flood, damage to the BC&G recreation area was assessed and inventoried using scans of the original 1904 railroad right-of-way centerline maps. This post-damage flood assessment helped indicate the damaged locations of trail and lay the foundation for designing needed repairs. ELR was selected to spearhead a team of geotechnical engineers, structural engineers, civil engineers and landscape architects to develop detailed design and FEMA-approved construction plans for the replacement and repairs of the bridges, railroad, culverts and trails from the community of Dundon to just past Swandale, for approximate 15 miles.

CLIENT:

Clay County Business
Development Authority
Mr. Mitch DeBoard, President
PO BOX 57
300 Center Street
Clay, WV 25043
Phone: 304.587.4166

COMPLETION DATE:

Summer 2022
(Currently Under
Construction)

PROJECT COST:

\$5,600,000

OUR ROLE:

Surveying and Base Mapping;
Site Inventory and Concept
Design; Construction
Documents; Bidding;
Construction Administration
and Inspection

New River Gorge Public Access



E.L. Robinson was contracted by Brookfield Renewable to develop handicap accessible river and trail access to the New River in Gauley Bridge and Cotton Hill, Fayette County, West Virginia. By providing handicap accessible ramps and large clear pathways we were able to develop a ADA compliant space.

To improve access to the current site, ELR's landscape architects complimented the site design and existing topography with 5' wide sidewalks allowing for easy access to the boat ramp and trailhead. Fixed seating for 225-250 people was provided and a green space with enough seating for an additional 850 people was part of the plan. Crushed limestone with tightly compacted fines in the surface, locked into place with a liquid resin binder, created an A.D.A. compliant surface. A handicap accessible changing station was also included for travelers convenience.



CLIENT:

WVDNR and Brookfield Renewable

Ethan Sanford,
Project Manager
Hawks Nest Hydro. LLC
200 Donald Lynch Blvd. Suite 300
Marborough, MA 01752

COMPLETION DATE:

2020

PROJECT COST:

\$8,700 (Design)

OUR ROLE:

Survey, design, construction documents and construction administration

Meadow River Boat Ramp



E.L. Robinson Engineering Co. was asked to provide design services to the West Virginia Division of Natural Resources, Wildlife Resources Section, to develop a new public access site and boat launch along the Meadow River near Rainelle, Greenbrier County, West Virginia. Our charge was to develop a new boat ramp and river access point that would have the least impact on the existing Meadow River Community Park in the community of Charmco, while utilizing as much of the existing driveways, parking and infrastructure available at the existing park. ELR's landscape architects developed two conceptual designs with budgetary cost estimates for two unique access points, for the WVDNR to brief the community and park leaders. A concept was selected, and ELR developed construction plans and bidding documents based on the selected concept, and assisted the WVDNR in bidding and construction administration for the project.

CLIENT:

West Virginia Division of Natural Resources

Mr. Roger Wolfe,
Project Manager
WVDNR Wildlife Resource
Section
50 Rocky Branch Road
Alum Creek, WV 25003
Phone:304.982.2008

COMPLETION DATE:

June 23, 2021

PROJECT COST:

\$92,500 (Construction)

OUR ROLE:

Surveying and Base Mapping;
Site Inventory and Concept
Design; Construction
Documents; Bidding;
Construction Administration



Coal River Ice Creek Boating & Fishing Access



E.L. Robinson Engineering Co. (ELR) was retained by the Ohio Fish and Wildlife Commission to prepare plans for a new boat launch and fishing access facility in Coal Grove, Ohio. The facility was proposed at the confluence of Ice Creek and the Ohio River. ELR prepared a schematic design, phasing recommendations, layout plans, grading and drainage plans, erosion and sediment control plans, typical sections, roadway profiles, sewage pumpout facility details, and other miscellaneous plans and details for this outdoor recreation project.

Currently under construction, Phase I will be complete by the spring 2007 boating season. The project will include asphalt space enough to park 30 vehicles with boat trailers, 10 regular car parking spaces, concrete boat launch, floating dock sections on each side of the new boat launch, a make-ready lane and tie-down lane, and other miscellaneous site amenities. Phase II will include a newly paved exit loop road, 14 additional vehicle/trailer parking spaces, and a unique coin-operated sewage pumpout facility for exiting boats.

CLIENT:
State of Ohio, Fish and
Wildlife

LOCATION:
Coal Grove, Lawrence
County, Ohio

South Mill Creek Lake Area



E.L. Robinson's landscape architects provided Master planning and construction documents for the 100 car/trailer parking lot, access road, boat ramp, accessible fishing dock, pit toilet, and picnic facilities for South Mill Creek Lake recreation development.

This project was completed by E.L. Robinson's landscape architect prior to their affiliation with the firm.

CLIENT:
U.S. Natural Resources
Conservation Service

Andy Deichert
1550 Earl Cove Road Suite 200,
Morgantown, WV 26505
Phone:304.284.7540

Mud River Lake Recreation Area



E.L. Robinson's landscape architects provided a master plan and construction documents for the development of a 200-acre recreation facility associated with a new flood control lake on the Upper Mud River in rural Lincoln County, WV. The recreational use area features a diverse natural habitat with steeply sloping mature beech, oak and hemlock forests, rock outcrops and upland meadows dotted with young maples and pine thickets. Historic Native American habitat is documented at a rock ledge shelter located on-site.

Development included 2 boat ramps and related parking, beach, bath house, picnic areas, shelters, trails, tot play playfields along new-formed park roads and parking areas. Utility service to the facility is provided through on-site water and wastewater systems for collection, distribution and treatment.

This project was completed by E.L. Robinson's landscape architects prior to their affiliation with the firm.

CLIENT:

U.S. Natural Resources
Conservation Service

Andy Deichert
1550 Earl Cove Road Suite 200,
Morgantown, WV 26505
Phone: 304.284.7540



Beech Fork Lodge Feasibility Study



West Virginia Division of Natural Resources has considered a lodge for Beech Fork State Park since before it was opened in 1979. Several studies were completed in the past examining six possible sites for lodges ranging in size from 75 to 150 rooms. The last studies completed in 1995 recommended a 150 room lodge at Stowers Branch.

WVDNR retained E.L. Robinson's landscape architects in 2008 to study a new site near the Beech Fork Lake dam and marina for the feasibility of building a 35, 50, or 75 room lodge. This study found from earth work calculation, cost estimates, and slope analysis maps that the Stowers Branch site was still the most desirable based on costs, proximity to the lake, and visual impact on the park.

In 2013, WVDNR retained the team of E.L. Robinson Engineering and ZMM Architects to prepare construction documents for a 75 room lodge at the Stowers Branch location. This site is located near the swimming beach owned and operated by US Army Corps of Engineers and two miles by road from the Beech Fork Lake Dam. In 2015, the project was put on hold after completion of the design development phase.

This site was selected after two previous studies completed in 1994 and 2008. It was concluded that after studying six other possible locations, the Stowers Branch Site proved to be the most desirable location. This study is the basis of WVDNR efforts to lease additional USACOE property for the state park's facilities expansion.

CLIENT:

West Virginia Division of Natural Resources

Brad S. Leslie, P.E.
Assistant Chief West Virginia
Division of Natural Resources
State Parks Section
324 4th Avenue
South Charleston, WV 25303
Phone:304.558.2764 Ext. 51823
E-Mail: bradley.s.leslie@wv.gov

COMPLETION DATE:

2018 est.

PROJECT COST:

Total Architecture & Site Related
Cost \$35 Million

OUR ROLE:

Site feasibility, studies, preliminary design, lead consultant involving civil, structural, transportation, geotechnical engineering, landscape architecture with additional services from other consultants.



Logan Pedestrian Bridge



The City of Logan retained ELR to design a replacement for a 30 year old bridge. The proposed alignment will be 234' long and 6' wide meeting accessible design standards. The bridge connects Logan High School with a nearby residential neighborhood that is separated from the school due to a predominately dry channel of the Guyandotte River. Total cost of the project was \$522,800 when completed.

CLIENT:
City of Logan

COMPLETION DATE:
December 2014

PROJECT COST:
\$522,800

OUR ROLE:
Survey, design, bidding through the City and construction administration

Lake Erie Bluffs Pedestrian Bridge and Stairs



Stairs

Lake Metroparks secured ELR's design services to design a set of stairs for users of the Lake Erie Bluffs Park in Perry, Ohio to navigate from the bluff to the beach area of Lake Erie. Currently, there is no direct access from the main parking lot and shelter area to the beach. ELR utilized a previously used stair design from the Fort Hill Stair project in Rocky River and adapted the design to the project site. Overall elevation gain was around 45'. Total project cost was \$275,000.

Pedestrian Bridge

E.L. Robinson was contracted by Lake Metroparks to provide professional engineering services for the analysis/conceptual phase, design development, and construction documentation for a new structure over a deep ravine located at the Lake Erie Bluffs Reservation. The new structure is a prefabricated, truss type bridge that is supported by concrete abutments. A study was performed to recommend an aluminum truss based on location, span length, structure weight and construction and maintenance cost estimates. In addition, ELR provided the recommended foundation type in the Structure Foundation Exploration Report. ELR provided all the necessary coordination to secure permitting as well as with local stakeholders. The total project cost was \$147,900.

CLIENT:

Lake Metroparks

LOCATION:

Perry, OH

COMPLETION DATE:

May 2017 (Design)

November 2017 (Construction)

PROJECT COST:

\$81,000 (Design – Combined)

\$405,000 (Construction – Combined)

OUR ROLE:

Prime Consultant

Roadway Design

Bridge Design

Geotechnical Design

Stair Design



REFERENCES

Mitch DeBoard, President

Clay County Business Development Authority
PO Box 57
300 Center Street
Clay, WV 25043
304-587-4166

William R. "Bill" Archer, Commissioner

Mercer County Commission
County Courthouse
1501 West Main Street
Princeton, WV 25740
304-487-8310

Mark Scoular, Project Manager

WVDOT-DOH Planning & Research Division
Building 5, Room 450
1900 Kanawha Boulevard, East
Charleston, WV 25304
304-558-9616

Kay Summers, Mayor

Town of Clendenin
PO Box 694
103 First Street
Clendenin, WV 25045
304-548-4192

Brad Leslie, PE, Assistant Chief

WV Division of Natural Resources
Parks and Recreation Division
324 4th Avenue
South Charleston, WV 25303
304-558-2764

Roger Wolfe, Project Manager

WV Division of Natural Resources
Parks and Recreation Division
1000 Conference Center Drive
Logan, WV 25601
304-855-6100

Appendix:

CEOI Required Documents

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.

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

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

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.

EL Robinson Engineering
(Company)

Eric Coberly, PROJECT MANAGER
(Authorized Signature) (Representative Name, Title)

Eric Coberly, PE, Project Manager
(Printed Name and Title of Authorized Representative)

12.16.21
(Date)

304.833.9021/ 304.776.6426
(Phone Number) (Fax Number)

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: EL Robinson Engineering Address: 5088 Washington Street, West Charleston, WV 25313

Name of Authorized Agent: Joseph E Hager III Address: 2019 Washington Street East Charleston, WV 25305

Contract Number: CEOI 0310 DNR220000007 Contract Description: A/E West Fork River 12 New Boating Public Access Sites

Governmental agency awarding contract: WVDNR

Check here if this is a Supplemental Disclosure

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

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

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

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

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

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

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

Signature: *Eric Coberly* Date Signed: 12.16.21

Notary Verification

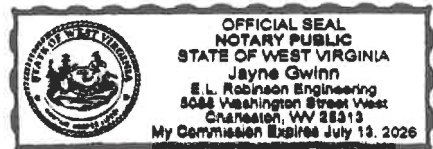
State of West Virginia, County of Kanawha:

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

Taken, sworn to and subscribed before me this 17th day of December,
Jayne Gwinn
Notary Public's Signature

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

Revised June 8, 2018



STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

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

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

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

DEFINITIONS:

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

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

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

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

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: EL Robinson Engineering

Authorized Signature: [Signature] Date: 12.16.21

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 17th day of December, 2021.

My Commission expires July 13, 2026

AFFIX SEAL HERE



[Signature]

Purchasing Affidavit (Revised 01/19/2018)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.:

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

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

Addendum Numbers Received:

(Check the box next to each addendum received)

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

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

EL Robinson Engineering

Company

Authorized Signature

Date

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

The purpose of this addendum is to modify the solicitation identified as (“Solicitation”) to reflect the change(s) identified and described below.

Applicable Addendum Category:

- | Modify bid opening date and time
- | Modify specifications of product or service being sought
- | Attachment of vendor questions and responses
- | Attachment of pre-bid sign-in sheet
- | Correction of error
- | Other

Description of Modification to Solicitation:

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. To publish agency responses to all vendor submitted questions

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

Revised 6/8/2012

5088 Washington Street, West | Charleston, WV 25313 | T: 304.841.2114 | F: 304.776.6426

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI DNR22*07

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

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

Addendum Numbers Received:

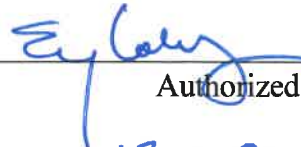
(Check the box next to each addendum received)

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

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

E.L. ROBINSON ENGINEERING

Company



Authorized Signature

12.16.21

Date

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

Revised 6/8/2012

Questions from vendors for CEOI DNR 22*07 West Fork River 12 New Boating Access Sites

Q.1. Have there been any previous studies or engineering reports regarding boating access along this stretch of the West Fork River that are available?

A. No