



June 12, 2012

Ms. Tara Lyle
Purchasing Division
P.O. Box 50130
2019 Washington Street East
Charleston, West Virginia 25305-0130

**Reference: Expression of Interest
St. Marys Correctional Facility
Infrastructure Improvement Project
COR61531**

Dear Ms. Lyle:

Please accept this letter and the enclosed Statement of Qualifications as Randolph Engineering's expression of interest to provide professional consulting engineering services for professional design services for infrastructure improvements at the St. Marys Correctional Facility located in Pleasants County, West Virginia.

Randolph Engineering has successfully completed numerous projects for the WVDOT, U.S. General Services Administration as well as our private and municipal clients with a focus on quality, cost and schedule. We have extensive experience in foundation design, storm water analysis, site development and construction administration projects throughout West Virginia. This experience gives us a unique insight into a project of this scope and complexity.

We have developed a reputation for providing our clients with innovative solutions for unique and challenging projects. From fast track schedules and restrictive budgets to complex engineering problems we strive to deliver the project in a manner that exceeds our clients' expectations.

Currently our overall workload is light thus providing us a tremendous opportunity to provide professional services to successfully complete this project.

We appreciate your consideration of our qualifications as a candidate for selection to provide consulting engineering services and look forward further outlining our qualifications and sharing some cost savings ideas during the interview process.

Sincerely Yours,
Randolph Engineering

A handwritten signature in cursive script that reads 'Roger K. Randolph'.

Roger K. Randolph, P.E., P.L.S.
Enclosure

RECEIVED

2012 JUN 19 AM 10:17

WV PURCHASING
DIVISION

ORIGINAL

EXPRESSION OF INTEREST

Professional Engineering Design Services

St. Marys Correctional Center

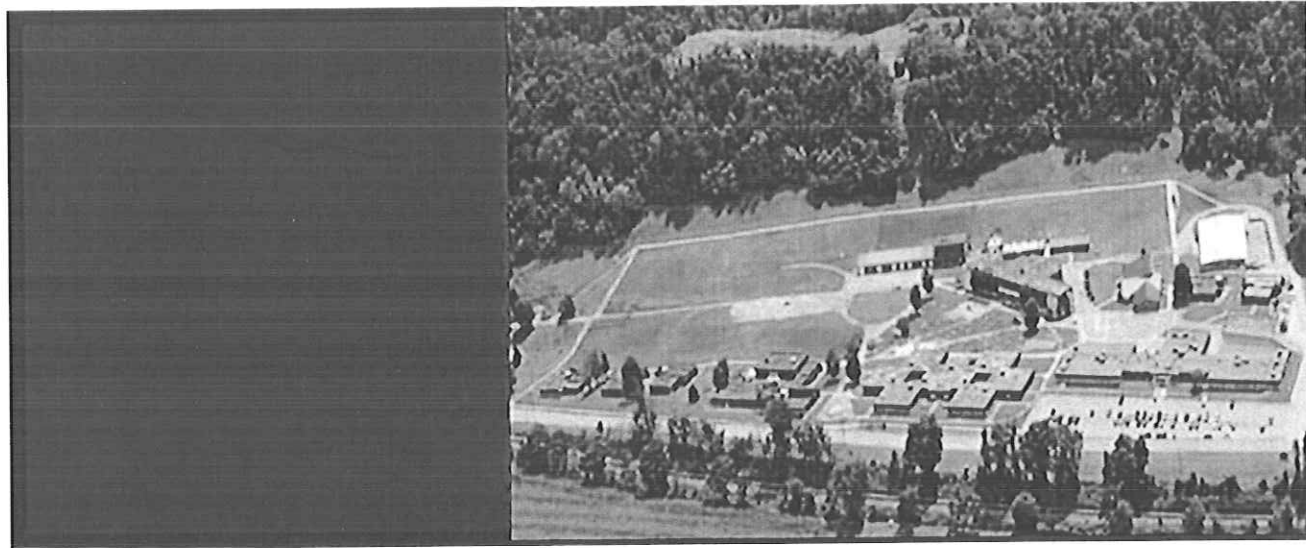
Various Infrastructure Improvement Projects

Pleasants County, West Virginia

Prepared for:
West Virginia Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

Prepared by:
Randolph Engineering Company, Inc.
4414 Teays Valley Road
Scott Depot, WV 25560

June 12, 2012



 **RANDOLPH**
ENGINEERING



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State of West Virginia
 Department of Administration
 Purchasing Division
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 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 COR61531

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ADDRESS CORRESPONDENCE TO ATTENTION OF:
 TARA LYLE
 304-558-2544

VENDOR

*709045652 304-757-9217
 RANDOLPH ENGINEERING CO INC
 PO BOX 346
 SCOTT DEPOT WV 25560

SHIP TO

DIVISION OF CORRECTIONS
 ST. MARYS CORRECTIONAL CENTER
 (COLIN ANDERSON CENTER)
 STATE ROUTE 2
 ST. MARYS, WV
 26170 304-558-2036

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/20/2012				

D OPENING DATE: 06/12/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL EXPRESSION OF INTEREST (EOI) THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, WV DIVISION OF CORRECTIONS, IS SOLICITING EXPRESSIONS OF INTEREST FOR PROFESSIONAL ARCHITECTURAL ENGINEERING DESIGN SERVICES TO CORRECT VARIOUS ISSUES DEALING WITH A GREASE TRAP, MUFFIN MONSTER, STORM WATER LINES, SEWER LINES AND OTHER PROJECTS AT THE ST. MARYS CORRECTIONAL CENTER PER THE ATTACHED SPECIFICATIONS. TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO TARA LYLE VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS EOI, VIA FAX AT 304-558-4115, OR VIA EMAIL AT TARA.L.LYLE@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 05/23/2012 AT THE CLOSE OF BUSINESS. ANY TECHNICAL QUESTIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM ISSUED BY THE PURCHASING DIVISION AFTER THE DEADLINE HAS LAPSED. MANDATORY PRE-BID A MANDATORY PRE-BID WILL BE HELD ON 05/15/2012 AT 10:30 AM AT THE ST. MARYS CORRECTIONAL CENTER. ALL INTERESTED PARTIES ARE REQUIRED TO ATTEND THIS MEETING. FAILURE TO ATTEND THE MANDATORY PRE-BID SHALL RESULT IN DISQUALIFICATION OF THE BID. NO ONE PERSON MAY						

APR 24 2012
 RANDOLPH ENGINEERING CO INC

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE: *Randolph* TELEPHONE: 304-757-9217 DATE: 06/12/12

TITLE: Resident FEIN: 55-0588736 ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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<p>REPRESENT MORE THAN ONE BIDDER.</p> <p>AN ATTENDANCE SHEET WILL BE MADE AVAILABLE FOR ALL POTENTIAL BIDDERS TO COMPLETE. THIS WILL SERVE AS THE OFFICIAL DOCUMENT VERIFYING ATTENDANCE AT THE MANDATORY PRE-BID. FAILURE TO PROVIDE YOUR COMPANY AND REPRESENTATIVE NAME ON THE ATTENDANCE SHEET WILL RESULT IN DISQUALIFICATION OF THE BID. THE STATE WILL NOT ACCEPT ANY OTHER DOCUMENTATION TO VERIFY ATTENDANCE. THE BIDDER IS RESPONSIBLE FOR ENSURING THEY HAVE COMPLETED THE INFORMATION REQUIRED ON THE ATTENDANCE SHEET. THE PURCHASING DIVISION AND THE STATE AGENCY WILL NOT ASSUME ANY RESPONSIBILITY FOR A BIDDER-S FAILURE TO COMPLETE THE PRE-BID ATTENDANCE SHEET. IN ADDITION, WE REQUEST THAT ALL POTENTIAL BIDDERS INCLUDE THEIR E-MAIL ADDRESS AND FAX NUMBER.</p> <p>ALL POTENTIAL BIDDERS ARE REQUESTED TO ARRIVE PRIOR TO THE STARTING TIME FOR THE PRE-BID. BIDDERS WHO ARRIVE LATE, BUT PRIOR TO THE DISMISSAL OF THE TECHNICAL PORTION OF THE PRE-BID WILL BE PERMITTED TO SIGN IN. BIDDERS WHO ARRIVE AFTER CONCLUSION OF THE TECHNICAL PORTION OF THE PRE-BID, BUT DURING ANY SUBSEQUENT PART OF THE PRE-BID WILL NOT BE PERMITTED TO SIGN THE ATTENDANCE SHEET.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICES SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM TO THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THE STATE MAY DEEM THE CONTRACT NULL AND VOID, AND TERMINATE SUCH CONTRACT WITHOUT FURTHER ORDER.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Morgan Randolph</i>	TELEPHONE 304-757-9217	DATE 06/12/12
resident	FEIN 55-0588736	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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<p>ANY INDIVIDUAL SIGNING THIS BID IS CERTIFYING THAT: (1) HE OR SHE IS AUTHORIZED BY THE BIDDER TO EXECUTE THE BID OR ANY DOCUMENTS RELATED THERETO ON BEHALF OF THE BIDDER, (2) THAT HE OR SHE IS AUTHORIZED TO BIND THE BIDDER IN A CONTRACTUAL RELATIONSHIP, AND (3) THAT THE BIDDER HAS PROPERLY REGISTERED WITH ANY STATE AGENCIES THAT MAY REQUIRE REGISTRATION.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: -----TL/32-----</p> <p>RFQ. NO.: -----COR61531-----</p> <p>BID OPENING DATE: -----06/12/2012-----</p> <p>BID OPENING TIME: -----1:30 PM-----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Robert Randolph</i>	TELEPHONE 304-757-9217	DATE 06/12/12
President	FEIN 55-0588736	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'



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ID OPENING DATE: 06/12/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
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PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:

(304) 757-1029

CONTACT PERSON (PLEASE PRINT CLEARLY):

ROGER RANDOLPH

***** THIS IS THE END OF RFQ COR61531 ***** TOTAL:

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE *Roger Randolph* TELEPHONE 304-757-9217 DATE 06/12/12

TI resident FEIN 55-0588736 ADDRESS CHANGES TO BE NOTED ABOVE

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05/31/2012				

BID OPENING DATE: 06/12/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 1						
1. QUESTIONS AND ANSWERS ARE ATTACHED.						
2. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.						
END OF ADDENDUM NO. 1						
01	1	JB		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ COR61531 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE 	TELEPHONE 304-757-9217	DATE 06/12/12
TITLE resident	FEIN 55-0588736	ADDRESS CHANGES TO BE NOTED ABOVE

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STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

West Virginia Code §5A-3-10a states: 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 the debt owed is an amount greater than one thousand dollars in the aggregate.

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.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "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.

EXCEPTION: The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this 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.

Under penalty of law for false swearing (*West Virginia Code §61-5-3*), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

WITNESS THE FOLLOWING SIGNATURE

Vendor's Name: Randolph Engineering Co., Inc.

Authorized Signature: *Rogus K Randolph* Date: 06/12/12

State of West Virginia

County of Putnam, to-wit:

Taken, subscribed, and sworn to before me this 12 day of June, 2012.

My Commission expires March 6, 2022.

AFFIX SEAL HERE

NOTARY PUBLIC *Kelly S White*





State of West Virginia
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06/07/2012				

ID OPENING DATE: 06/19/2012 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				ADDENDUM NO. 2		
				1. THIS ADDENDUM ISSUED TO ADD TERMS AND CONDITIONS PER THE ATTACHED.		
				2. TO MOVE THE BID OPENING DATED FROM 06/12/2012 TO 06/19/2012.		
				3. ADDENDUM ACKNOWLEDGEMENT IS ATTACHED. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN DISQUALIFICATION OF YOUR BID.		
				END OF ADDENDUM NO. 2		
01	1	JB		906-00-00-001		
				ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL		
				***** THIS IS THE END OF RFQ COR61531 ***** TOTAL:		

RECEIVED
 JUN 11 2012
 RANDOLPH ENGINEERING CO, INC.

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Rogers K. Randolph</i>	TELEPHONE (304) 757-9217	DATE 6/12/12
TITLE PRESIDENT	FEIN 55-0588736	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

EXHIBIT 10

REQUISITION NO.: COR 61531

ADDENDUM ACKNOWLEDGEMENT

I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.

ADDENDUM NO.'S:

NO. 1 ✓

NO. 2 ✓

NO. 3

NO. 4

NO. 5

I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF BIDS. VENDOR MUST CLEARLY 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.

Rogun K Randolph
SIGNATURE

RANDOLPH ENGINEERING
COMPANY

6/12/12
DATE

INTRODUCTION TO RANDOLPH ENGINEERING

Randolph Engineering is a multi-disciplined consulting engineering firm in Teays Valley, West Virginia. The company recently celebrated 36 years of providing innovative engineering solutions to a variety of clients ranging from municipalities and government agencies to private land developers.

Randolph's success is the result of outstanding client service and satisfaction.

Our history

The company was founded by Roger Randolph in 1976, and from a modest beginning has grown into an award-winning regional engineering firm. Our attention to detail and commitment to client satisfaction have generated repeat and referral clients, some of whom have been with us since our inception.

Roger Randolph is an experienced Project Manager and lead engineer for a variety of municipal, storm water, structural and land development projects. His wealth of knowledge and experience is a valuable asset to the company's next generation of engineers and designers.

Building on success

Randolph Engineering is situated in one of West Virginia's fastest-growing areas – a location that has afforded the opportunity to diversify into a full-service engineering firm. We offer an array of services including transportation engineering; municipal engineering; land development and surveying; structural engineering; building engineering; and construction engineering.

One of our keys to success is the reliability and stability provided by our employees' loyalty and longevity. Many of our staff members have been with Randolph for more than 20 years, with a number of others approaching that milestone.

Our projects

Our variety of clients and engineering projects creates interesting and unique challenges for the engineers and designers at Randolph Engineering. Some of our notable projects include the award-winning Jackson's Mill Bridge for the West Virginia Division of Highways; site improvements and plant expansions for Toyota Motor Manufacturing; complete renovation and expansion of the City of Hurricane Wastewater Treatment Plant; land development for some of the largest retailers in the United States; and site designs for large, single- and multi-family residential subdivisions, townhouses and apartment complexes, including a 250-unit gated community near Charleston, W.Va.

Looking to the future

Successful projects such as these and an unending commitment to client satisfaction paint a bright picture for our future. We look forward to more engineering challenges and continued growth while working with you and the St. Marys Correctional Center in Pleasants County, WV.

GENERAL EXPERIENCE, CAPABILITIES AND SERVICES

We have successfully completed numerous successful projects for local municipalities as well as private clients that demonstrate our ability to deliver a project on time and within budget. Two of our more notable projects include the WVDNR Treatment Plant project and the Wayne County School Board Treatment plant project.

In addition to these two notable waste water collection and treatment projects, we have more than 36 years of experience in various engineering disciplines.

We carry a full line of insurance coverage that includes general liability, errors and omissions and workers' compensation coverage.

Randolph Engineering offers the following services:

- Civil Engineering
- Hydrologic and Hydraulic Engineering
- Storm Water Management
- Construction Administration
- Construction Monitoring
- Construction Engineering
- Water Distribution & Treatment Engineering
- Wastewater Collection & Treatment Engineering
- Land Use Planning
- Regulatory Permit Preparation (404, NPDES, Air Quality)
- CADD Services (Autocad and Microstation Formats)
- Sediment & Erosion Control Plans
- Feasibility Studies
- Foundation Design
- Structural Engineering
- Surveying & Mapping Services
- Cost Estimating
- Construction Documents
- Residential/Commercial and Industrial Site Engineering
- Wetland Investigation and Delineation
- Retaining Wall Design
- Highway and Bridge Engineering
- Bridge and Structural Inspection
- Structure Demolition Plans

The staff at Randolph Engineering includes 3 registered Professional Engineers (P.E.'s), 2 registered Professional Land Surveyors (P.L.S.'s), 2 registered Surveyors in Training (S.I.T.'s) supported by various CADD Designers, survey personnel and administrative support staff.

Our staff has extensive experience in similar projects including:

- ✓ Design of New Waste Water Treatment Plants
- ✓ Innovative System Design for Small Projects
- ✓ Rehabilitation Design of Existing Plants
- ✓ Major and Minor Line Extensions
- ✓ Lift Station Design
- ✓ Permitting including WV Bureau of Health, NPDES, US Army Corp of Engineers
- ✓ Funding Agencies including RUS, ARC and SRF

We also want to emphasize our commitment to making this project a priority and we will provide the required services in a timely and efficient manner.

Section 2 contains a more detailed outline of our various service lines.

PRIMARY STAFF MEMBERS

Roger K. Randolph, P.E. - Roger is an accomplished design engineer and project manager with more than 40 years of experience for a variety of civil, municipal, land development, and construction projects. His versatility, experience and wealth of knowledge provide valuable insight into possible pitfalls that may affect the success of any project. He will serve as Project Manager and primary point of contact for this project and brings extensive experience on projects of similar scope and complexity issues.

Jacob C. White, P.E. - Jacob is an experienced civil engineer with 15 years of experience and a focus on land development, drainage, hydraulic and permitting projects with state and local municipalities as well as private developers in West Virginia and Virginia. His experience ranges from utility design for residential, commercial and industrial site development projects to storm water management and hydraulic analysis projects. He is responsible for engineering, hydraulic analysis and permitting for all municipal projects for Randolph Engineering and will serve as Lead Civil Engineer for this project.

Aaron. C. Randolph, P.E. - Aaron is an experienced civil engineer with 19 years of experience and a focus on civil engineering, structural and construction engineering projects within the private and public sectors in West Virginia, Kentucky, Ohio and Alabama. His experience has encompassed large earthmoving projects, demolition and erection planning projects and construction engineering. He is responsible for structural engineering, construction engineering and administration as well as QA/QC for Randolph Engineering and will serve as Structural Design Engineer and Construction Liaison for this project.

Donald R. Hayes – Don is an experienced land surveyor with 39 years of experience with a focus on land development and municipal projects with local communities as well as private developers in West Virginia. His experience ranges from property surveys and topographic mapping to residential, commercial and industrial site and utility design. He is responsible for the management of the surveying department for Randolph Engineering and will serve as Lead Surveyor for this project.

NOTABLE CLIENTS

We have partnered with a wide range of clients including national and international companies, local, state and federal agencies, utility companies, chemical companies, architects and contractors as well as other engineering companies.

Some of our more notable clients include:

- West Virginia Department of Highways
- WV Division of Natural Resources
- WV Housing Development Fund
- Toyota Motor Manufacturing of WV
- WVU Institute of Technology
- Town of Buffalo, WV
- Town of Winfield, WV
- The Meadows Group (TMG)
- The Fergus Companies
- AB Contracting & Development Company
- Ahern Associates, Inc.
- Woolpert, Inc.
- Rite Aid Corporation
- Triad Engineering, Inc.
- Clark Truck Parts, Inc.
- Hobet Mining Company
- Edward Tucker Architects
- Wayne County School Board
- WV Steel Corporation
- J. Dan Snead and Associates
- Peerless Brick and Block Company
- Foster Supply Company
- Putnam County Commission
- Central Distributing Company
- Dow Chemical Company
- Parkline, Inc.
- Teays River Construction Company
- Town of Bancroft
- Wiseman Construction Company
- Balanced Care Assisted Living Center
- Tri-State Hotels, Inc.
- Elkhorn Field Services, Inc.
- G&G Builders, Inc.
- Picerne Development Company
- Putnam P.S.D.
- City of Hurricane, WV
- Wiseman Construction Company

NOTABLE PROJECT EXPERIENCE

We have provided engineering services for various engineering disciplines on a range of project sizes and complexity. We have worked on numerous projects including large earthwork and site grading projects, stream hydraulic analysis, storm water drainage projects, municipal water and wastewater projects, residential/commercial/industrial site developments, bridge projects and various types of surveying projects.

Some of the notable projects designed by Randolph Engineering include:

- Town of Buffalo W.W.T.P.
- Toyota Sewer Line Extension
- Massey HQ W.W.T.P.
- City of Hurricane W.W.T.P.
- Babcock State Park W.W.T.P.
- Pipestem State Park W.W.T.P.
- Sycamore Landfill Leachate Line Project
- The Ridges W.W.T.P./Collection System
- Town of Winfield Sewer Improvements
- WV Housing Emergency Sanitary Sewer
- Tackett's Branch Sanitary Sewer Line Extension Feasibility Study
- Peach Ridge Sanitary Sewer Line Extension Feasibility Study
- Old Orchard Sanitary Sewer Line Extension Feasibility Study
- Various Subdivision W.W.T.P. Packages
- City of Hurricane Line Extensions
- Castlenock Subdivision Line Extension

Section 3 contains more detailed descriptions of these projects.

STAFF AND CURRENT WORKLOAD

Our engineers and project managers are dedicated and experienced professionals backed by years of experience in managing projects ranging from treatment and collection systems to preliminary planning and maintenance studies. Our workload is timeline managed from start to finish, thus providing us the tremendous opportunity to work with the St. Marys Correctional Center to make this project a success.

Additionally, with our experience and dedicated employees we can more than adequately staff this Infrastructure Improvement Project.

PROJECT APPROACH

Our professional staff at Randolph Engineering is well positioned to provide all services required to satisfy the requirements of this project including:

Project description:

3.2.1.1 2000 Gallon Grease Trap

The 2000 gallon grease trap needs to be located on the exterior of the building due to size and access for pumping on a periodic basis. Due to the location of utility lines adjacent to the building on both sides a thorough investigation of the location of the utilities must be undertaken. The grease trap does not have to be located right at the building. One of the design issues would be handling the flow on the opposite side of the building it may be more efficient to pump the flow across the building. The location of the drains from the existing traps will have to be studied and based on the location of the drain pipes and outside utilities a most efficient location for the grease trap can be made. The grease traps in the 2000 gallon range will be either concrete or steel. The hot water from the dishwasher can be rerouted to discharge downstream of the new grease trap or into an existing drain that does not pass through the grease trap to keep the heated water from flushing the grease trap.

3.2.1.2 Muffin Monster

I would recommend the muffin monster be installed immediately downstream from and adjacent to the manhole. Flow must be maintained during construction and typically a temporary trash pump would be installed in the manhole and the sewage pumped around the muffin monster during installation. The muffin monster and similar grinders do require regular maintenance due to the vast array of items that can be processed by the equipment, so accessibility is a key consideration and providing a hose bib at the location is recommended for spraying down the vessel and equipment.

3.2.1.3 Unit #83 Storm/Sanitary Water Lines

The challenge of separating the lines is locating the lines and then determining which flows are storm and which flows are sanitary. The tools available are cameras, smoke testing, dye testing as well as visual monitoring and will most likely be a combination of the methods. Separating the lines within the building after the initial verifications will be a challenge in determining the most cost effective line to replace taking into account the line locations, building structural aspects and potential asbestos locations. At this point in time it is difficult to say which lines would be rerouted.

3.2.1.4 Unit #80 Foundation

The spread footing has settled in the northwest corner of Unit #80 and to some degree the concrete floor slab. Field survey work must be done to determine the extent of footing and floor settlement. Core drilling and soil analysis must be performed to determine the reason for the settlement. The construction of the building consists of masonry walls, spread footings and steel joist for roof support. We have experience with utilizing helical piers and pressure grouting to raise and stabilize footings in commercial buildings and in both applications core drilling and soil analysis would be utilized to determine the best alternative for the project. We can raise the footings gradually over a period of time and actually close the cracks in the masonry wall. However if the footings are raised too quickly, it can adversely affect another section of the building.

3.2.1.5 Broker/Damaged Sewer Lines

It appears that the smoke testing was done in 2008 and additional areas may have developed since 2008; new smoke testing should be done to locate all the current problem areas to determine if whole sections of line need to be replaced or just small sections. Construction costs can be developed to determine the most cost effective approach, further considering the long term maintenance effects of replacement versus just small segment repairs.

INNOVATIVE APPROACH

We are exploring innovative excavation options for this project that may result in an overall cost saving to the project and will significantly reduce the liability of accidentally damaging underground infrastructure facilities. **Hydrovac** excavation techniques have proven cost effective on similar projects and we feel that this technique is worth exploring for this project. We look forward to further discussions during the interview process.

SCHEDULE AND BUDGET CONTROL

We have a long history of completing projects within budget and time constraints. With a large client base of private and public clients, schedules, budgets and fees can quickly become make-or-break issues with regard to the feasibility of a project. Our project managers are experienced and well versed in meeting project schedules with budget constraints in mind. Additionally, Randolph Engineering is a West Virginia licensed contractor. This gives us a unique insight into potential economies within a project that may benefit our clients.

Randolph Engineering utilizes a nationally recognized time/project management software program for tracking employee time and expenses as well as tracking and managing a project. This gives our project managers daily or weekly progress for the project in regards to budget and schedule.

The project manager will be responsible for developing and maintaining the project schedule as outlined in the RFP for this project. He will coordinate with Design Engineers on the project to ensure that they have the resources required to meet and maintain the schedule. Additionally, the PM will be responsible for coordinating with you to ensure that they are informed as to the status of the project through the duration of the design process.

QA/QC

Plan submissions will be reviewed by the Project Manager prior to submission. As stated previously the Project Manager has extensive knowledge and experience with projects of this scope and complexity. Additionally, the staff at Randolph Engineering has extensive experience with the level of detail and expectations required by various state and federal agencies including the WVDEP, WVDNR and the WVDOH. We strive to ensure that these expectations are met on a consistent basis which makes for a smooth transition from design to construction.

REFERENCES

Mr. Ben Newhouse, City Manager
Hurricane, West Virginia
304.562.5896

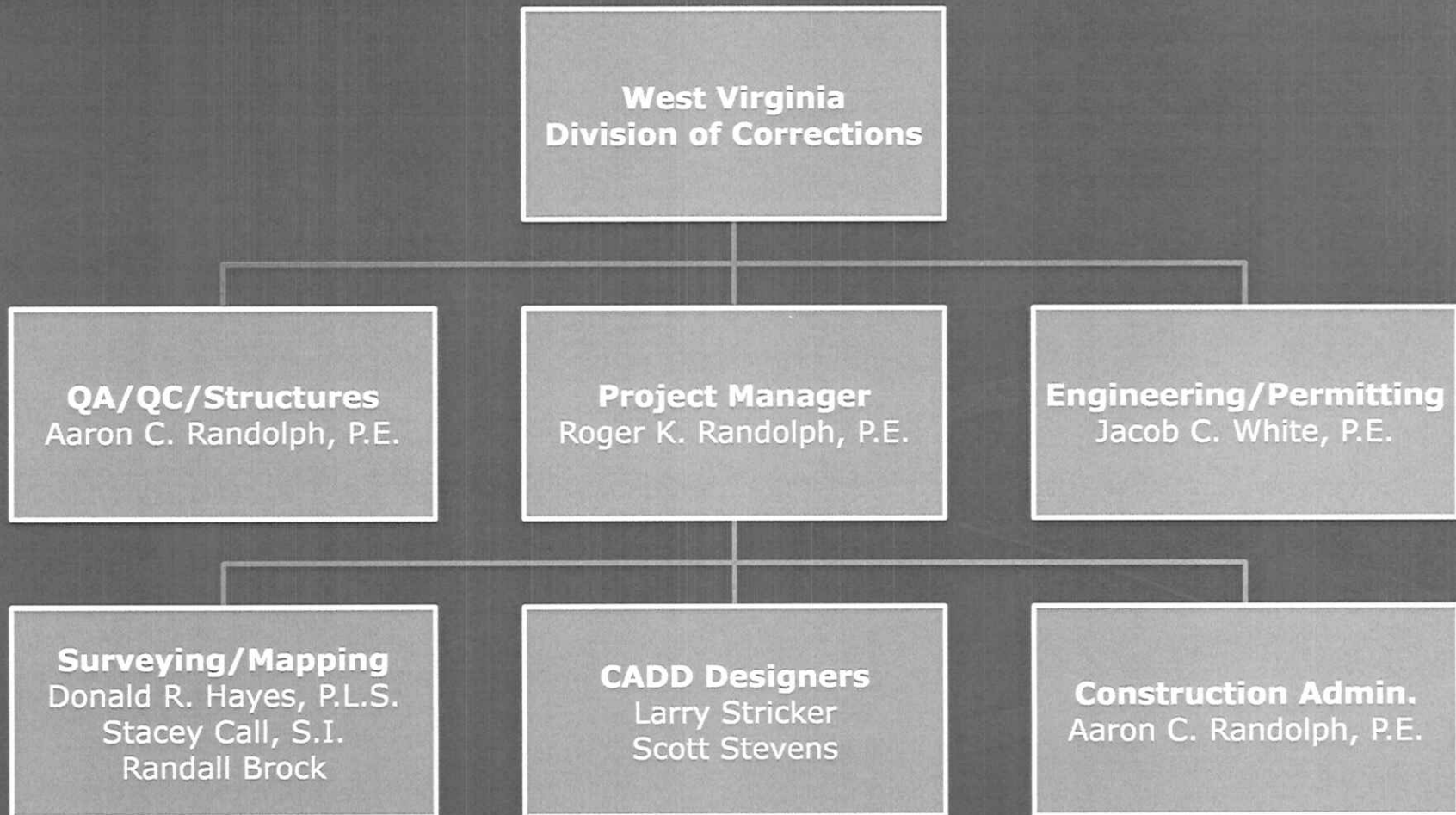
Mr. Alan Bell, President
AB Contracting and Development Co.
304.546.5955

Mr. Gary Tucker, Mayor
Buffalo, West Virginia
304.937.2041

CLOSING

We look forward to establishing a long term relationship with you. Our commitment is to provide quality service, client satisfaction, and quick response to your needs and to exceed your expectations with regard to project delivery. We look forward to further discussing our qualifications during the interview process.

PROJECT TEAM



municipal engineering



Water distribution, wastewater collection and storm water management are vital services to the quality of life for both residents and communities. Our focus is to provide cost effective and viable solutions to the problems many communities face in regard to these issues. In addition to the design of new water, wastewater and storm water systems, we also assist our clients with the planning and expansion of existing systems as well as providing solutions to alleviate storm water problems.

We offer the following municipal engineering services:

Water Distribution

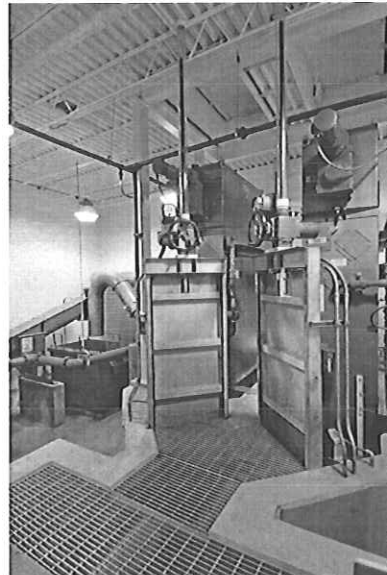
- Water Treatment Plant Design
- Distribution System Modeling and Design
- Pump Station Design
- Storage Facility Design
- System Rehabilitation and Expansion
- Permitting

Wastewater Collection

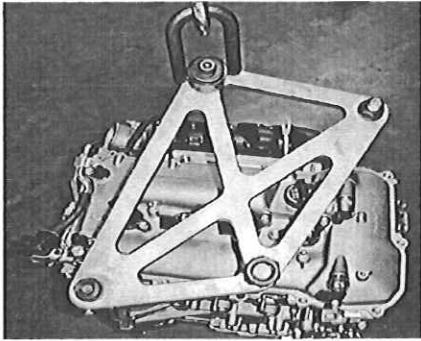
- Sanitary Sewer System Design
- Treatment Plant Design
- System Rehabilitation and Expansion
- Permitting
- Pump Station Design

Storm Water Management

- Hydraulic Modeling
- Open and Closed System Design
- Detention/Retention Design
- Permitting



structural engineering

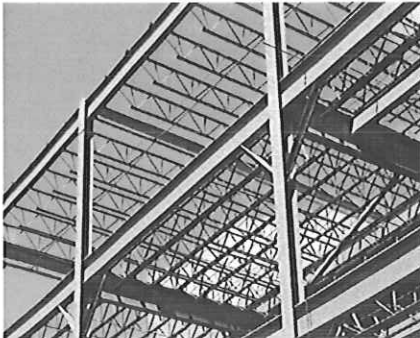


Structural Engineering is one of the more fundamental and important services that we offer. Our staff has provided innovative solutions on a variety of structural projects. From simple building foundation designs and retaining walls to complex steel and concrete structures we have the experience to provide cost effective designs that meet the needs of our clientele.

We offer the following structural engineering services:

- Structural Framing Design
- Masonry Design
- Foundation Design
- Retaining Wall Design
- Sanitary Structure Design
- Structural Inspection and Evaluation
- Erection/Demolition Planning
- Special Structures

Extensive experience in steel, concrete, masonry, timber and fiber reinforced plastic (FRP) design affords us the opportunity to provide our clients a wide range of materials that best fits their project scope and budget.



surveying

Land surveying is the core of most if not all civil engineering designs. We offer fully equipped survey crews managed by professional surveyors and supported by an experienced surveying technical staff.

The use of state of the art GPS surveying equipment along with traditional surveying equipment gives us the flexibility to meet the needs of our clients by providing them accurate and useful information as a stand alone service or as support for the over-all design of their project.



We specialize in the following surveying services:

- Boundary Surveys
- Construction Layout
- Global Positioning Surveys (GPS)
- Land Title Surveys
- Topographic Mapping Surveys
- Aerial Mapping Control
- Elevation Certification
- Research
- R/W Plans
- Easement Plats

Randolph's surveyors utilize the latest technology to provide our clientele with the most accurate services possible.

Our surveyors also stay current with the latest trends by actively participating in professional organizations and continuing education programs.

hydrology and hydraulics



Storm water management and proper hydraulic analysis and design are vital services to the quality of life for both residents and communities. Our focus is to provide cost effective and viable solutions to the problems many communities face in regard to these issues. In addition to the design and analysis of new storm water systems, detention/retention ponds and erosion/sediment control features, we also assist our clients with the planning and expansion of existing systems as well as assistance with permitting.

We offer the following storm water management services:

Drainage Systems

- Culvert and Structure Design
- Open and Closed System Design
- Hydraulic Modeling
- Channel Analysis
- System Rehabilitation and Expansion
- Scour Analysis

Pond Design and Analysis

- Sediment Ponds and Basins
- Spillways
- Control Structures

Flood Elevation Surveys and Certificates

Detention and Retention Systems

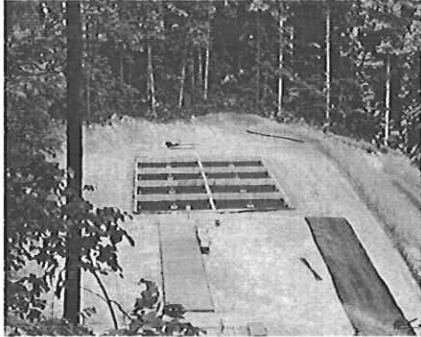
- Ponds
- Below Ground Systems



project

West Virginia Division of Natural Resources

Babcock and Pipestem State Parks



Client
WVDNR
1900 Kanawha Boulevard East
Building 3
Charleston, West Virginia 25305

Contact
Mr. Brian Carney, P.E.
304.558.9125

Nature of Work

Outdated systems and escalating maintenance costs led the West Virginia Division of Natural Resources to contract with Randolph Engineering for the design of 3 new packaged treatment plants at two of West Virginia's state parks. Working closely with Park personnel and the WVDNR management team we successfully came up with cost effective and efficient solutions that met the needs of the Park System.

The project scope included the design of the following systems:

- 1000 GPD Puraflo Peat Biofilter System for Babcock State Park Administration Building
- 10,000 GDP ASHCO RSF System for Babcock State Park Campground
- 10,000 GDP Economy Tank System for Pipestem State Park

Additional services included preliminary engineering studies, field surveying, mapping, construction stake-out and construction inspection.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Stacey Call, S.I.T.

Construction Cost
\$700,000.00

Status
Completed 2011

Contractor
Teays River Construction Co.
577 Goff Mountain Road
Cross Lanes, WV 25313

Contact
Ron Hayes
304.776.0448



4414 Teays Valley Rd.
Scott Depot, WV 25560
p. 304.757.9217 f. 304.757.1029

project

City of Hurricane WWTP Upgrade

Putnam County, West Virginia



Client

City of Hurricane
3255 Teays Valley Road
Hurricane, West Virginia 25526

Contact

Mr. Ben Newhouse, City Manager
304.562.5896

Nature of Work

In an effort to keep up with the current and anticipated future growth the City of Hurricane contracted with Randolph Engineering to provide renovation and upgrade design services of the existing vertical loop reactor waste water treatment plant. The project would increase the maximum capacity of the plant from 3 MGD to 4.5 MGD.

Included in the project scope were the addition of two new aeration trains, one dual chamber digester, one new clarifier with plans for a second one as well as a complete renovation of the pretreatment facility. In addition to the upgrade of these facilities, the project required new line work, electrical upgrades for the entire plant and general site upgrades.

Additional responsibilities involved preliminary studies, project permitting, coordination with various review and funding agencies as well as elected officials and the general public.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designers – Donald R. Hayes, P.L.S. & Scott Stevens

Status

Completed 2006

Cost

\$10,000,000

project

G&G Builders, Inc. – Massey Headquarters Sanitary

Boone County, West Virginia



Client

G&G Builders, Inc.
500 Corporate Centre Drive
Scott Depot, West Virginia 25560

Contact

Mr. Gary Young, President
Mike Davis
304 757-9196

Nature of Work

This project involved the study, design and preparation of contract plans and related documents for the construction of a new corporate headquarter office complex located along US Route 119 in Boone County, West Virginia. Due to the absence of infrastructure at this site location sanitary sewer service was a critical element of this project.

The project scope included the design of a 4000 GPD packaged treatment plant, treatment plant site, more than 1600 LF of 2" force-main effluent line, more than 600 LF of 8" gravity lines to service the building as well as a bore across US Route 119. Additional responsibilities included planning for future expansion as well as the procurement of various regulatory permits including WV Bureau of Health and the West Virginia Department of Environmental Protection.

Surveying services included additional mapping, control work and construction layout.

Key Personnel

Project Manager – Jacob C. White, P.E.
Design Engineer – Roger K. Randolph, P.E., P.L.S.

project

Town of Winfield – Sanitary Sewer Improvements

Putnam County, West Virginia



Client

Town of Winfield
P.O. Box 596
Winfield, West Virginia 25213

Contact

Billy Harper, Plant Operator
304.586-2332

Nature of Work

Throughout the years Randolph Engineering has provided design services for numerous sanitary sewer projects for the Town of Winfield ranging from collection systems and line extensions to treatment plant design. Two of the most notable include the following projects:

East System

This portion of the project consisted of more than 9000 LF of 8" gravity line extension as well as 5000 LF of forcemain line extensions and included the construction of 1 pump station and the installation of more than 34 manholes. Surveying services included topographic mapping for design purposes, survey plat development and construction stakeout.

West System

This portion of the project consisted of more than 12,000 LF of 8" gravity line extension as well as 1500 LF of forcemain line extensions and included the construction of 1 pump station and the installation of more than 44 manholes. Surveying services included topographic mapping for design purposes, survey plat development and construction stakeout.

All told this project totaled 4 miles of gravity sewer system and 1.3 miles of forcemain line extensions and was a vital infrastructure upgrade for the Town of Winfield.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Donald R. Hayes, P.L.S.

project

Miscellaneous Treatment Plants

Putnam County, West Virginia



Nature of Work

Clover Patch Subdivision

Putnam County, West Virginia

The developer of the Clover Patch Subdivision contracted with Randolph Engineering to provide design services for an 1100 LF extension of 6" sanitary lines and the expansion of an existing re-circulating packaged treatment plant - sand filter system from 4500 G.P.D. to 8400 G.P.D. to accommodate an 11 lot expansion of the residential subdivision.

City Holding Company

Putnam County, West Virginia

City Holding Company contracted with Randolph Engineering to provide design services for a 400 LF extension of 6" sanitary sewer line and the design of a 3000 G.P.D. extended aeration package treatment plant with 600 LF of 1 ½" force main to serve a renovated office building with 150 employees.

Smithfield Apartments

Wetzel County, West Virginia

The developers of the Smithfield Apartment Complex contracted with Randolph Engineering to provide design services for an additional 6000 G.P.D. duplex sand filter system to compliment the existing extended air packaged system and to provide tertiary treatment to meet Category III treatment requirements for their apartment complex in Wetzel County, WV.

Key Personnel

Project Manager – Roger K. Randolph, P.E.

Designers – Donald R. Hayes, P.L.S.

project

The Ridges – Sanitary Sewer

Kanawha County, West Virginia



Client

AB Contracting & Development Company
5521 Ohio River Road
Point Pleasant, West Virginia 25550

Contact

Mr. Allen Bell
304.593.3437

Nature of Work

The project involved the study, design and preparation of contract documents for a 194 unit gated community to be constructed on a 152 acre parcel.

Utility design included 3 miles of sanitary force main and 2.3 miles of gravity sewer lines as well as twin 45,000 GPD packaged treatment plants. The project required two wet well pump stations and an eight chamber, 4300 square foot sand filter.

Additional design responsibilities included plant site design and obtaining all permits including N.P.D.E.S. permitting for the site work as well as WV Health Department and Kanawha County Planning Commission permits.

Surveying services included topographic mapping for design purposes, survey plat development and construction stakeout.

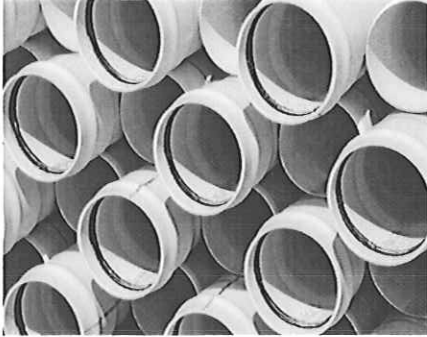
Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Donald R. Hayes, P.L.S.

project

Sleepy Creek Sewer Line Extension

Putnam County, West Virginia



Client

City of Hurricane
3255 Teays Valley Road
Hurricane, West Virginia 25526

Contact

Mr. Ben Newhouse, City Manager
304.562.5896

Nature of Work

In an effort to keep up with the current and anticipated future growth and to assist with planning and funding sources, the City of Hurricane contracted with Randolph Engineering to provide preliminary design and cost estimates for a new sewer line extension to serve 20 customers in the Sleepy Creek and Old Orchard areas of Putnam County.

The planned system extension included:

- 1 mile of 8" sewer line extension
- 2.5 miles of 4" force main sewer line
- 2.5 miles of 2" force main sewer line
- Service to 20 Homes
- 2- Pump Stations

Preliminary engineering services included hydraulic analysis, preliminary pump station location, preliminary line layout and cost estimates.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Stacey Call. S.I.T.

project

Emergency Housing Site Development & Utilities

McDowell County, West Virginia



Client

WV Housing Development Fund
814 Virginia Street East
Charleston, West Virginia 25301

Contact

Lonnie Springer
304.345.6475

Nature of Work

Premier Park Temporary Housing Park

Responsible for the design of a new 130 unit manufactured housing park that included two (2) 15,000 Gallon Per Day extended aeration package treatment plants with aerated sludge holding basins and tablet type chlorinators in McDowell County, WV. The project also included 6700 L.F. of 8" sanitary line as well as a water distribution system consisting of one (1) 60 G.P.M. duplex booster pump station, 6000 L.F. of 8" water line and two (2) 30,000 gallon storage tanks. The project was undertaken on a fast track schedule to accommodate the temporary relocation of flood victims.

Surveying services included topographic mapping, and construction stakeout.

Tom's Mountain Temporary Housing

Responsible for the design of a new mobile home park that included two (2) 15,000 Gallon Per Day extended aeration package treatment plants in McDowell County, WV. The project was undertaken on a fast track schedule to accommodate the relocation of flood victims.

Surveying services included topographic mapping, and construction stakeout.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designers – Donald R. Hayes, P.L.S., Max Dent



4414 Teays Valley Rd.
Scott Depot, WV 25560
p. 304.757.9217 f. 304.757.1029

project

Sycamore Landfill

Putnam County, West Virginia



Client

City of Hurricane
3255 Teays Valley Road
Hurricane, West Virginia 25526

Contact

Mr. Ben Newhouse, City Manager
304.562.5896

Nature of Work

The City of Hurricane in conjunction with Sycamore Landfill contracted with Randolph Engineering to design a leachate line from the landfill to the City's wastewater treatment plant located adjacent to Interstate 64 in Putnam County, West Virginia.

The project scope included line routing and location, route surveying, lift station design, cost estimating, right-of-way easements and construction administration for a 2 mile route along state highways and through private properties.

Additional responsibilities involved the coordination with various review and funding agencies as well as elected officials and the general public.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designers – Donald R. Hayes, P.L.S. & Stacey Call

project

WV Steel Corporation – Facility Expansion

Putnam County, West Virginia



Client

WV Steel Corporation
300 Wright Road
Poca, West Virginia 25159

Contact

Mr. Richard Smith, Jr.
304.755.5638

Nature of Work

This project involved the study, design and preparation of contract plans and related documents for the construction of a new pre-manufactured steel building complex located adjacent to their existing facility in Putnam County, West Virginia.

The project scope of services included the foundation and structural design for a new production facility building. The square footage for this expansion totaled more than 56,000 square feet.

Surveying services included additional mapping control and construction layout.

Key Personnel

Project Manager – Jacob C. White, P.E.
Designers – Larry Stricker and Scott Stevens

Estimated Construction Cost

\$5,000,000.00

Status

Final Design

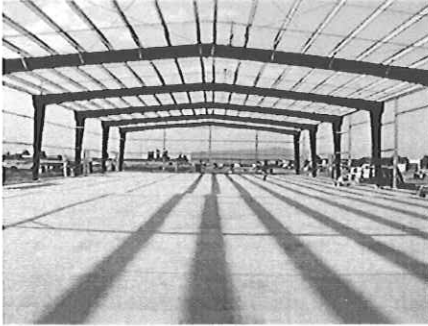
Contractor

Contact

project

G&G Builders, Inc. – ALPHA Natural Resources Training Center

Boone County, West Virginia



Client

G&G Builders, Inc.
500 Corporate Centre Drive
Scott Depot, West Virginia 25560

Contact

Mr. Gary Young
President
304.757.9196

Nature of Work

This project involved the study, design and preparation of contract plans and related documents for the construction of a new state-of-the-art training center adjacent to the ALPHA headquarter complex located along US Route 119 in Boone County, West Virginia.

The project scope of services included the foundation and structural design for 5 buildings including mine simulation building, mobile command center, weld training center, classroom training center and ground storage building. The square footage for all 5 buildings totaled more than 120,000 square feet.

Surveying services included additional mapping control and construction layout.

Key Personnel

Project Manager – Jacob C. White, P.E.
Designers – Larry Stricker and Scott Stevens

Architect

Edward Tucker Architects, Inc.

Estimated Construction Cost

\$15,000,000.00

Status

Under Construction

Contractor

G&G Builders, Inc.
500 Corporate Centre Dr.
Suite 550
Scott Depot, WV 25560

Contact

Mike Davis, VP
304.757.9196

project

Kenova Armed Forces Reserve Center Site Improvements and Renovation

Wayne County, West Virginia



Client

Edward Tucker Architects, Inc
916 Fifth Avenue, Suite 208
Huntington, West Virginia 25701

Contact

Nathan Randolph, AIA
304.697.4990

Nature of Work

Working closely with the Project Architect and other team members we provided structural and civil engineering services for a renovation, expansion and site upgrade project for the West Virginia National Guard Armed Forces Reserve Center located in Kenova, West Virginia.

This project involved the design of the structural framing and foundation system for an approximately 5000 SF addition to the existing Armed Forces Reserve Center building as well as various site enhancements including a gated entrance, increased equipment parking capabilities and improvements to alleviate storm water drainage issues.

Additional responsibilities included surveying, mapping, shop drawing review and construction consultation.

Key Personnel

Project Manager – Jacob C. White, P.E.

project

Atomic Distributing Building Assessment

Cabell County, West Virginia



Client

Neighborgall Construction Co.
1216 7th Avenue
Huntington, West Virginia, 25705

Contact

304.525.5181

Nature of Work

This project involved the structural analysis of an existing rigid framed distribution warehouse to determine the feasibility of expanding the facility to meet growing demand.

We provided a complete structural assessment and provided structural design services for a new rigid frame building attached to the existing building. This was accomplished by modifying the existing wind bracing through the use of a portal frame. Additionally, we designed the new foundation and modified the existing foundation as necessary as well provided consulting services during construction.

Key Personnel

Project Manager – Jacob C. White, P.E.

project

Toyota Plant Expansions

Putnam County, WV



Client

Toyota Motor Manufacturing of WV
1 Sugar Maple Lane
Buffalo, West Virginia

Contact

Boris Chertkovsky
304.937.7299

Nature of Work

Project consisted of design, analysis and preparation of contract documents and construction administration for the addition of several additions to the existing plant.

Tool Storage Warehouse Additions – 6000 SF & 9000 SF

Responsibilities included preliminary and final foundation design, reinforced concrete slab floor design, structural analysis and framing plans for a pre-fabricated steel building. Additional responsibilities included topographic surveying, construction stakeout, site design and utility design.

Plant Expansion – 29,000 SF

Responsibilities included preliminary and final foundation design, reinforced concrete slab floor design, structural analysis and framing plans for a pre-fabricated steel building. Additional responsibilities included topographic surveying, construction stakeout, site design and utility design.

Auditorium/Conference Center – 6000 SF

Responsibilities included preliminary and final foundation design, reinforced concrete slab floor design, structural analysis and framing plans for a state of the art conference/auditorium addition. Additional responsibilities included topographic surveying, construction stakeout, site design and utility design as well as HVAC and Electrical upgrades.

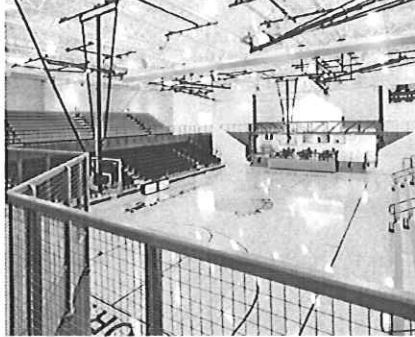
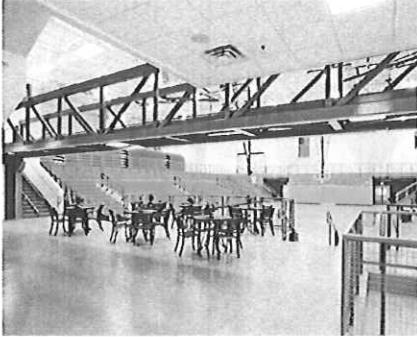
Key Personnel

Project Manager – Roger K. Randolph, P.E.
Design Engineer – Jacob C. White, P.E.

project

Raceland H.S. Gymnasium Addition

Raceland, Kentucky



Client

Edward Tucker Architects, Inc
916 Fifth Avenue, Suite 208
Huntington, West Virginia 25701

Contact

Edward Tucker, AIA
304.697.4990

Nature of Work

Working closely with Edward Tucker Architects, Inc. we provided professional design services for the design of the structural framing and foundation system for the addition of an all purpose gymnasium to the existing school building. The two story facility utilized an open web steel joist framing system supported on a combination of masonry walls and steel columns.

A unique and challenging feature of this project was the inclusion of a 60' indoor pedestrian bridge that was used to frame the entrance of the playing arena. Randolph Engineering provided a design for a welded tubular truss that was aesthetically pleasing and was to be pre-fabricated and set in place as a single unit.

Additional responsibilities included shop drawing review and construction consultation.

Key Personnel

Project Manager – Aaron C. Randolph, P.E.
Design Engineer – Jacob C. White, P.E.

project

FedEx Distribution Facility

Raleigh County, West Virginia



Client

Corder Builders, Inc.
P.O. Box 244
Barboursville, West Virginia, 25504

Contact

Mr. Bob Corder
304.733.4020

Nature of Work

Under a tight deadline, Corder Builders contracted with Randolph Engineering to provide civil engineering and foundation engineering for a new facility for FedEx Corporation located near Beckley, West Virginia. The scope of work included all surveying, site design and structural engineering for the project.

Developed on a fast track schedule this project consisted of site design and permitting for an approximately eight (8) acre site that included storm water management and detention, preliminary and final site grading, utility corridors, parking layout and lighting design. The building design scope of work included foundation and floor slab design for a 38,000 SF prefabricated steel building.

Additional responsibilities included field surveying, mapping and construction stake-out.

Key Personnel

Project Manager – Jacob C. White, P.E.

project

Toyota of West Virginia – Storm Water Analysis

Putnam County, West Virginia



Client

Toyota Motor Manufacturing, WV, Inc
1 Sugar Maple Lane
Buffalo, West Virginia 25033

Contact

Mr. Boris Chertkovsky
304.937.7526

Nature of Work

The goal of this project was to develop a baseline storm water analysis that would encompass the developed areas of the site including various plant expansions to be used in planning future plant expansions.

The project scope included an overall hydraulic study and analysis of the existing storm water system at the plant to determine the capacity for future expansion of the plant. To accomplish the goal we performed an as-built field survey of the existing system and through the use of various stand-alone expansion drawings developed a master set of storm water drawings.

Upon completion of this phase, the scope of the project was expanded to include the design for increasing the capacity of the existing storm water detention pond to accommodate future plant expansion. A new detention pond was designed adjacent to the existing pond that provided an additional 392,000 C.F. of storage. The project was expanded again to include a complete as-built survey of the entire facility to be used for future master planning and maintenance plans.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Design Engineer – Jacob C. White, P.E.

Estimated Construction Cost

N/A

Status

Completed 2010

Contractor

N/A

Contact

N/A



4414 Teays Valley Rd.
Scott Depot, WV 25560
p. 304.757.9217 f. 304.757.1029

project

Poplar Fork Storm Water Management

Putnam County, West Virginia



Client

Putnam County Commission
400 North Poplar Fork Road
Hurricane, West Virginia 25526

Contact

Mr. Gary Tillis
304.586.0201

Nature of Work

Project included hydraulic analysis, culvert design, channel design, permitting as well as construction administration and inspection for a storm water management project that focused on alleviating flooding along Poplar Fork and tributaries.

The project consisted of over 3300' of channel design, placement of numerous culverts under local roads as well as residential driveways. Scour and erosion countermeasures, designed and incorporated into the plans included rock rip-rap and grouted rip-rap as well as various matings and vegetative cover. Regulatory agencies designated to oversee this project included the US Army Corp of Engineers and the West Virginia Department of Environmental Protection.

Surveying services included topographic field mapping for design purposes and construction layout.

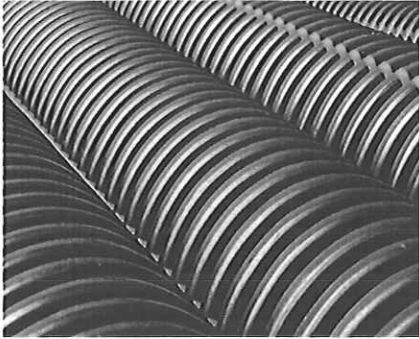
Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Donald R. Hayes, P.L.S.

project

Town of Buffalo 60" Storm Water Outfall

Putnam County, West Virginia



Client

Town of Buffalo
Buffalo, West Virginia

Contact

Mr. Gary Tucker, Mayor
304.937.2041

Nature of Work

The goal of this project was to develop a storm water outfall to the Kanawha River required by an expansion project for the Toyota Motor Manufacturing Plant.

Project included designing a 1600 L.F. storm water outfall consisting of 60" HDPE smooth wall pipe. The outfall included seven 8' diameter manhole junction boxes as well as a 60" diameter reinforced concrete pipe bored and jacked under WV Route 62. Additional features included a pre-cast headwall founded on helical anchors and 1400 S.F. of articulated concrete block erosion matting.

We performed a topographical survey to be used for design and provided construction stakeout and construction inspection services. Permitting requirements included an Archeological Study, WV DEP NPDES permit, and WVDOH Highway Encroachment permit.

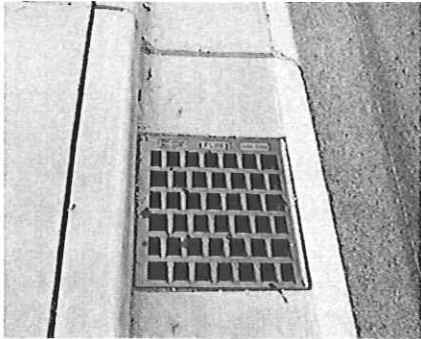
Key Personnel

Project Manager – Roger K. Randolph, P.E.
Design Engineer – Jacob C. White, P.E.

project

Town of Bancroft – Storm Water Management

Putnam County, West Virginia



Client

Town of Bancroft
P.O. Box 58
Bancroft, West Virginia 25011

Contact

Ms. Joyce Abbott, Mayor
304.586.3559

Nature of Work

Project included hydraulic analysis, culvert design, permitting as well as construction administration and inspection for an urban storm water management project that was designed utilizing an enclosed system of inlets and pipe culverts.

The project consisted of a system of pipe culverts and concrete inlets that were placed in and around various residence and business properties. The project was undertaken due to the health and safety hazards associated with standing water that, due to very flat terrain, would not drain naturally. Regulatory agencies designated to oversee this project included the West Virginia Department of Health and the West Virginia Department of Environmental Protection.

Surveying services included topographic field mapping for design purposes and construction layout.

Key Personnel

Project Manager – Roger K. Randolph, P.E.
Designer – Donald R. Hayes, P.L.S.

résumé



Roger K. Randolph, P.E., P.L.S.

Design Engineer/Project Manager

Experience and Qualifications:

Roger is an accomplished design engineer with more than 40 years of experience for a variety of civil, municipal, land development, structural and construction projects. His versatility, experience and wealth of knowledge provide valuable insight into possible pitfalls that may affect the success of any project. He is responsible for project management and design as well as leadership and mentoring of younger engineers on many projects in a range of disciplines.

His primary responsibilities include:

- Project Management
- Municipal Planning
- Municipal Permitting
- Municipal Engineering

Representative Project Experience:

- City of Hurricane Wastewater Treatment Plant Upgrade
- Town of Buffalo – Water Treatment Plant and Collection System
- Town of Buffalo - Toyota Motor Manufacturing Line Extension
- Town of Winfield - Downtown Wastewater Collection Improvements
- Town of Winfield - East/West Line Extension
- Putnam P.S.D. - Hollywood Drive Line Extension
- The Ridges Gated Community Wastewater Treatment Plant and Collection System
- Massey Energy Headquarters Wastewater Treatment Plant and Collection System
- Premier Park Housing Development Wastewater Treatment Plant and Collection System
- City of Hurricane Water Treatment Plant Upgrade
- City of Hurricane Water Distribution System Upgrades
- City of Hurricane Water Storage Tank
- City of Hurricane Reservoir Improvements
- City of Vienna - Distribution System Water Model
- Putnam P.S.D. - Morrison Hollow Extension
- The Ridges Subdivision Distribution System
- Castlenock Ridge Subdivision Collection System
- Clover Patch Acres Subdivision Treatment Plant and Collection System

Education:

B.S.C.E., Ohio University, 1967

Registration:

P.E. – West Virginia, OH, KY, IN & IL

P.L.S. – West Virginia

Professional Societies:

American Society of Civil Engineers

National Society of Professional Engineers



résumé



Aaron C. Randolph, P.E.

Design Engineer/Project Manager

Experience and Qualifications:

Aaron is an experienced civil engineer with a focus on civil, bridge, structural and construction engineering projects within the private and public sectors in West Virginia, Kentucky, Ohio and Alabama. His experience has encompassed short to medium length bridge design, two-lane highway design, four lane highway design as well as multi-story building design, foundation design and construction engineering. He is responsible for all bridge, structure and building design projects for various state and local agencies as well as private developers.

His primary responsibilities include:

- Project Management
- Civil Engineering
- Structural Engineering and Inspection
- Construction Engineering

Representative Project Experience:

- Mountain State University Health Building Structural and Foundations
- WV Steel Corporation Building Foundations
- WVDOT District 2 Maintenance Facility Structural and Foundations
- Little General Store Headquarters Structural and Foundations
- FedEx Distribution Facility Structural and Foundations
- Toyota Motor Manufacturing of WV – Building and Foundations
- Pathways Office Building Structural and Foundations – KY
- Sleep Inn Motel Structural and Foundations
- Augusta Engineering Structural Foundations
- Ahern and Associates Construction and Value Engineering
- Marshall University Retaining Walls
- Peerless Brick and Block Company – Various Retaining Walls
- Sheetz, Inc. – Barboursville Retaining Wall
- Tri-State Hotels, Inc. – Cross Lanes Retaining Wall
- Laboratory Corporation – Roof Analysis and Load Rating
- Berkeley County P.S.D. Wastewater Treatment Plant Structural Design
- Vinton Ohio Wastewater Treatment Plant Structural Design

Education:

B.S.C.E., West Virginia Institute of Technology, 1992

Registration:

P.E. – West Virginia

Certification:

N.H.I. – Bridge Inspection Team Leader (2012)

Professional Societies:

American Society of Civil Engineers
(Former President of WV Section)



résumé



Jacob C. White, P.E.

Design Engineer/Project Manager

Experience and Qualifications:

Jacob is an experienced civil engineer with a focus on land development and highway projects with state and local municipalities as well as private developers in West Virginia and Virginia. His experience ranges from residential, commercial and industrial site development projects to large highway design projects. He is responsible for engineering, hydraulic analysis, storm water management and permitting for all land development and highway projects.

His primary responsibilities include:

- Project Management
- Land Development Engineering
- Storm Water Management & Permitting
- Hydraulic Analysis

Representative Project Experience:

- Massey Coal Services Headquarters - Storm Water Management & Permitting
- Blennerhassett Island Bridge over Ohio River - Hydraulic Analysis
- Castlenock Ridge Subdivision - Storm Water Management & Permitting
- Copart, Inc. - Hurricane Facility Storm Water Management & Permitting
- FedEx Distribution Center - Storm Water Management & Permitting
- Toyota Motor Manufacturing of WV - Storm Water Analysis
- Culloden/US 60 Highway Project - Storm Water Analysis and Design
- Montcalm/ WV Route 71 Highway Project – Storm Water Analysis and Design
- Walnut Bottom Bridge - Hydraulic Analysis
- Simpson Creek Bridge - US Army Corp of Engineer 404 Permit
- CR 24 Bridge - US Army Corp of Engineer 404 Permit
- Innovative Design & Construction, Inc. – Dam Analysis
- City of Hurricane Storm Water Management Planning & Permitting
- Augusta Engineering – Levisa Fork of Big Sandy River Hydraulic Analysis
- City of Hurricane Raw Water Impoundment Design & Permitting
- Beaver Creek Bridges - Stream Design and Restoration
- Dog Creek Stream Analysis
- City of Hurricane – MS4 (Municipal Separate Storm Sewer System)

Education:

B.S.C.E., West Virginia Institute of Technology, 1997

Registration:

P.E. – West Virginia, Virginia

Continuing Education

Va. Tech/Penn State Hydrology Modeling Courses

Professional Societies:

American Society of Civil Engineers

résumé



Donald R. Hayes, P.L.S

Surveyor/Project Manager

Experience and Qualifications:

Don is an experienced land surveyor with a focus on land development and municipal projects with local communities as well as private developers in West Virginia. His experience ranges from property surveys to residential, commercial and industrial site and utility design. He is responsible for the management of our surveying department as well as various development projects.

His primary responsibilities include:

- Project Management
- Surveying
- Land Development
- Construction Administration
- Utility Design and Layout

Representative Project Experience:

- Castlenock Ridge Subdivision Wastewater Collection System
- The Ridges Gated Community Wastewater Collection System
- Bloomingdale Subdivision Wastewater Collection System
- Sable Point Townhouse Complex Wastewater Collection System
- Westover Estates Subdivision Wastewater Collection System
- Deer Valley Town House Development Wastewater Collection System
- Hatfield Development Company - Dutch Hollow Line Extension
- Glen Oaks Subdivision Wastewater Collection System
- Eagleview Subdivision Wastewater Collection System
- Clover Patch Acres Subdivision Wastewater Collection System
- Premiere Park Emergency Housing Wastewater Treatment and Collection System
- City of Hurricane Water Treatment Plant Upgrade
- City of Hurricane Water Distribution System Upgrades
- City of Hurricane Water Storage Tank
- City of Hurricane Reservoir Improvements
- City of Vienna - Distribution System Water Model
- Putnam P.S.D. - Morrison Hollow Line Extension
- The Ridges Subdivision Water Distribution System

Education:

A.S. West Virginia Institute of Technology, 1971

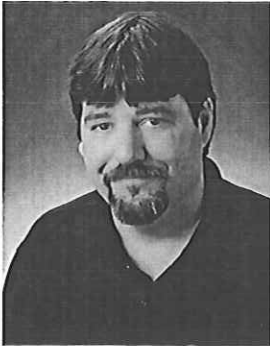
Registration:

P.L.S. – West Virginia

Professional Societies:

West Virginia Society of Land Surveyors

résumé



Stacey H. Call, S.I.T.

Sr. Survey Technician

Experience and Qualifications:

Stacey is an experienced survey technician and designer for various civil engineering projects. His experience has encompassed site development and municipal design as well as boundary surveys and construction stakeout. He is responsible for site layout, coordinating field crews, data reduction and mapping generation for all design projects.

His primary responsibilities include:

- Survey Coordination
- Topographic Mapping
- Site Development
- Municipal Design
- Construction Stakeout

Representative Project Experience:

- Eagleview Subdivision Utility Design and Layout
- Joe's Creek Water Line Extension
- Sovine Road Water Line Extension Feasibility Study
- Tri-State Hotels - Holliday Inn Express Site and Utility Design
- City of Hurricane Raw Water Reservoir Improvements
- City of Hurricane Emergency Water Study
- The Ridges Subdivision Water Distribution System
- Milton Nursing Home Water Line Extension
- Emerald Fields Subdivision Utility Design and Layout
- Friendship Way Subdivision Utility Design and Layout
- Wood Ridge Estates Subdivision Utility Design and Layout
- Woods & Irons Subdivision Utility Design and Layout
- Mill Creek Subdivision Utility Design and Layout
- AutoZone Store Site and Utility Designs (2)
- Yeager Airport Surveys and Site Layout
- WVDOH - Coalfields Expressway Construction Stakeout
- WVDOH - Corridor D Highway Construction Stakeout
- WVDOH - WV Route 10 Construction Stakeout

Education:

Hurricane High School, 1987

Registration:

S.I.T. – West Virginia

résumé



Larry A. Stricker
Sr. Design Technician

Experience and Qualifications:

Larry is a versatile designer with extensive experience in a range of engineering disciplines. His experience has encompassed municipal utility design, site development, buildings and structures. He is responsible for detailed plan development for a variety of civil and structural design projects using various CADD platforms.

His primary responsibilities include:

- Municipal Water and Sewer
- Site/Civil
- Structural Design
- CADD Design

Representative Project Experience:

- Town of Buffalo - Toyota Motor Manufacturing Water Line Extension
- Town of Winfield - East/West Water Line Extension
- Putnam P.S.D. - Hollywood Drive Water Line Extension
- Putnam P.S.D. - Mize Road Water Line Extension
- Premier Park Housing Development Utility Layout and Design
- Castlenock Ridge Subdivision Utility Layout and Design
- Clover Patch Acres Subdivision Utility Layout and Design
- City of Hurricane Wate Water Treatment Plant Upgrade
- City of Hurricane Sanitary Sewer Collection System Upgrades
- City of Hurricane Water Storage Tank
- City of Hurricane Raw Water Reservoir Improvements
- City of Vienna - Distribution System Water Model
- Putnam P.S.D. - Morrison Hollow Water Line Extension
- The Ridges Subdivision Sanitary Sewer Collection and Forcemain System

Education:

A.S., West Virginia Institute of Technology, 1987

résumé



Scott Stevens

Senior CADD Designer

Experience and Qualifications:

Scott is an experienced design technician and CADD designer for various civil engineering projects utilizing various CADD platforms. His experience has encompassed site/civil and municipal plan development as well as structural and highway plan development. He is responsible for construction plans, right-of-way plans as well as permit drawings and as-built plans.

His primary responsibilities include:

- Construction Plans
- As-Built Plans
- CADD Detailing

Representative Project Experience:

- Cabela's Site Development Design
- Reservoir Dam Modifications, Cacapon State Park
- Castlenock Ridge Subdivision
- The Ridges Gated Community Development
- Massey Coal Services Headquarters Site Development
- Birds Creek Portals & Drainage Design – WVDEP
- AEP Cooling Tower Diffuser – Pleasants Power Station
- Heritage Equipment Facility Foundations
- Mountain State University Health Building Foundations
- City of Hurricane Wastewater Treatment Plant
- Berkeley County P.S.D. Wastewater Treatment Plant
- Tractor Supply Store Site Developments (2)
- Advance Auto Store Site Development
- Putnam P.S.D. Morrison Hollow Water Line Extension
- FedEx Distribution Center Foundations
- Buckeye Community Hope Alta Survey Plats (10)
- Dismas Charities, Inc. Building Foundations
- City of Hurricane - Linda Street Extension
- Town of Buffalo Storm Water Outfall
- Peerless Brick and Block Company Retaining Walls
- Sims Properties, LLC Site Master Plan

Education:

A.S. - West Virginia State College, 1998