Architectural and Engineering Services

Mr. Frank Whittaker, Senior Buyer
Purchasing Division
P.O. Box 50130
Charleston, WV 25305-0130

Due: October 27, 2011 at 1:30 p.m.

CONTACT:
Ricky L. Lawrence, RA
Chief Information Officer

Visit our website at **www.owpr.com**

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ARCHITECTS AND ENGINEERS

• 200 Country Club Drive SW • Building E • Blacksburg, Virginia 24060 • P: 540-552-2151 • F: 540-951-0219 •
• 5550 Winchester Avenue • Berkeley Business Park • Suite 5 • Martinsburg, West Virginia • P: 304.381.8541 •
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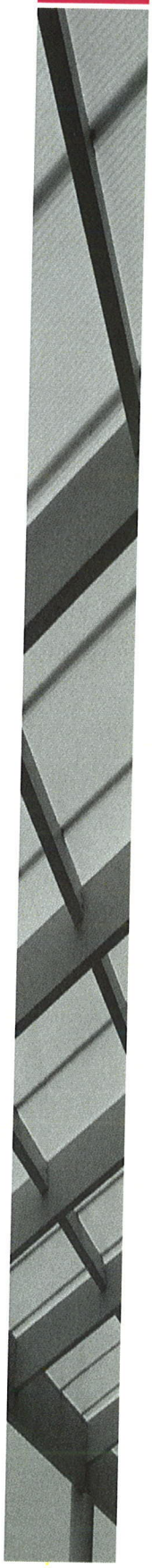

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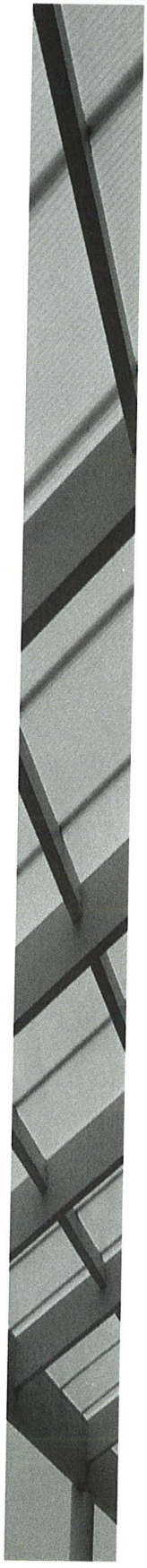
REQUIRED RFP DOCUMENTS



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Spending Unit: Division of Public Transit
Department of Transportation

BID FORM # 1: Letter of Intent

Name of Bidder/Offeror's Firm: OWPR, Inc.

Address: 200 Country Club Drive, Plaza One, Building E

City: Blacksburg State: VA Zip Code: 24060

Name of DBE firm: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____

Description of work to be performed by the DBE firm:

_____

_____

_____

By: _____ Chief Information Officer
(Signature) (Title)

If the Bidder/Offeror does not receive award of the prime contract, any and all representations in this Letter of Intent and Affirmation shall be null and void.

(Submit this page for each DBE subcontractor.)

Spending Unit: Division of Public Transit
Department of Transportation

BID FORM #2: DISADVANTAGED BUSINESS ENTERPRISE (DBE) UTILIZATION

The undersigned Bidder/Offeror has satisfied the requirements of the bid specification in the following manner (please check the appropriate space):

_____ The Bidder/Offeror is committed to a minimum of 5.1% DBE utilization on this contract.

xxxx The Bidder/Offeror (if unable to meet the DBE goal of 5.1%) is committed to a minimum of 5.1% DBE utilization of this contract and submits documentation demonstrating good faith efforts.

Name of Bidder/Offeror's firm: OWPR, Inc.

By: _____ Chief Information Officer
(Signature) (Title)

Our consultant CTL left messages with Anstead Engineering and Surveying in Gilbert, WV. However, phone calls were not returned. We are committed to a minimum of 5.1% DBE utilization.

Spending Unit: Division of Public Transit
Department of Transportation

BID FORM #3

Ricky L. Lawrence, RA hereby certifies that it IS or IS NOT (specify one) included on the U.S. Comptroller General's Consolidated List of Persons or Firms Currently Debarred for violations of Various Public Contracts Incorporating Labor Standards Provisions.

October 27, 2011
Date

Authorized Signature

Chief Information Officer
Title

OWPR, Inc.
Company Name

Spending Unit: Division of Public Transit
Department of Transportation

BID FORM #4

CERTIFICATION OF PRIMARY PARTICIPANT REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract),

OWPR, Inc. (COMPANY NAME) certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and

4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),

OWPR, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ. ARE APPLICABLE THERETO.

Chief Information Officer
Signature and Title of Authorized Official

Spending Unit: Division of Public Transit
Department of Transportation

BID FORM #5

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions. [as amended by "Government Wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, et seq.)]

3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure. [Note: Pursuant to 31 U.S.C. § 1352(c)(1)-(2)(A), any person who makes a prohibited expenditure or fails to file or amend a required certification or disclosure form shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such expenditure or failure.]

The Vendor, OWPR, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Vendor understands and agrees that the provisions of 31 U.S.C. § 3801, et seq., apply to this certification and disclosure, if any.

10/27/2011
Date

Authorized Signature

Chief Information Officer
Title

OWPR

ARCHITECTS AND ENGINEERS

September 13, 2011

Mr. Frank Whittaker, Senior Buyer
Purchasing Division
P.O. Box 50130
Charleston, WV 25305-0130

Dear Mr. Whittaker and Members of the Selection Committee:

Thank you for allowing us the opportunity to submit our qualifications to you for Architectural and Engineering Services for the RFP you are currently soliciting. The OWPR, Inc. team is enthusiastic about the opportunity to partner with the Bluefield Transit System.

The planning and design of transportation/maintenance facilities requires special experience and understanding. To be successful it is absolutely critical for the designers to understand the special functional and operational requirements of transportation/maintenance facilities, including special needs for technology and security, and how such needs have been successfully met in other venues. Projections for current and future needs must be based on extensive understanding and experience. Efficient, secure, accessible space must be provided for everyone who uses or works in the building. The transition to a new facility must be as seamless as possible to avoid disruption of services. The public nature and context of transportation/maintenance facilities also demands special care and understanding. OWPR has the specialized expertise and experience required to successfully address these issues.

OWPR, Inc. is dedicated to providing you with a quality design that is within your budget and time frame. The partners and staff of OWPR believe that our Clients deserve more service and attention than they are accustomed to receiving. Our business is built on this principle. You deal with one and only one Project Manager who, along with our design staff, is available at a moment's notice.

OWPR is a HUB ZONE Certified Small Business. This, combined with our many years of experience, along with our strong project management and execution capabilities, uniquely qualifies OWPR to provide the level of service you have grown accustomed to and deserve. We would welcome an opportunity to meet with your entire committee to discuss your project in more detail. If you have any questions about this submittal, or wish to schedule an interview, please contact me.

Sincerely,

OWPR, Inc.

Ricky L. Lawrence, RA
Chief Information Officer

RLL:csu

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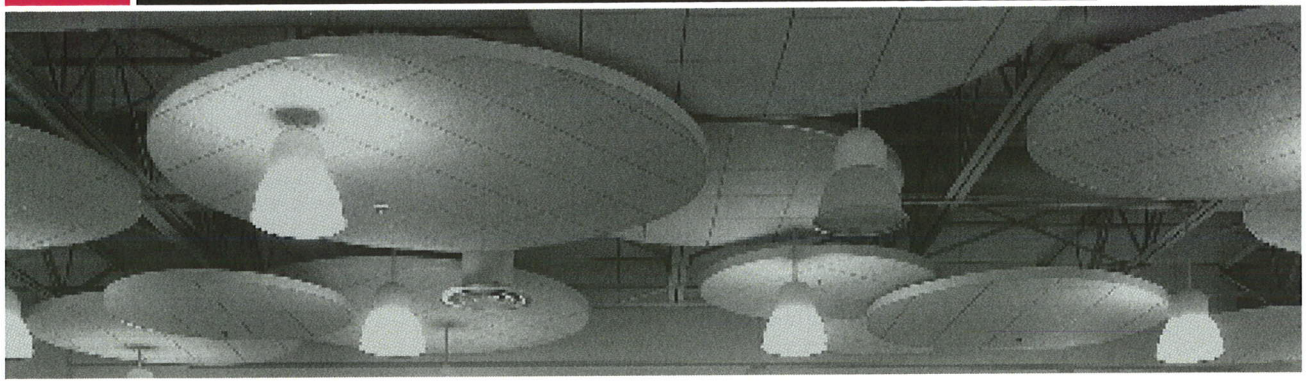
1 INTRODUCTION



A. Profile of OWPR, Inc.

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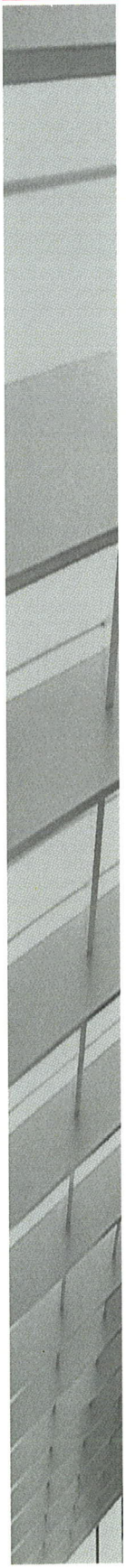
A. PROFILE OF OWPR, INC.



Who We Are - For nearly fifty years, OWPR has provided innovative design solutions for facilities in Virginia and West Virginia. We partner with our clients to realize their vision of the perfect project. With Architects and all engineering disciplines in-house, we offer a holistic, pragmatic design approach that balances creative educational space planning, aesthetic goals, raw function, and sustainability.

We will serve the Bluefield Transit System from our office in Blacksburg, VA. We also have an office in Martinsburg, WV. As one of the premier designers of educational facilities in Virginia, OWPR fosters long-term relationships with its clients, some lasting 25+ years.

Our work in a variety of projects, large to small, lets us understand and convey the latest trends in technology, space planning, and campus security to our clients. Our engineers utilize systems that balance current technology with tried and true design approaches, resulting in buildings that are low maintenance, energy efficient, and built for generations.

OWPR will provide unparalleled creativity and service to the Bluefield Transit System. Our success will be built on the following principles:

Listen First - Our designs are a direct response to the client's current and anticipated needs. A very basic ingredient to a successful project is listening first to understand these needs.

Collaborative Design - We will introduce you to new and exciting concepts and environments. Accompanying us will be our engineering staff, who will enable us to explore how building operating systems can become teaching tools, can be brightly lit by the sun, and how rainwater can be harvested to facilitate teaching opportunities. This fun, exciting collaborative design approach ensures that your facility achieves not only aesthetic and space planning goals, but also delivers a building that is low maintenance, sustainable, and easily operated.

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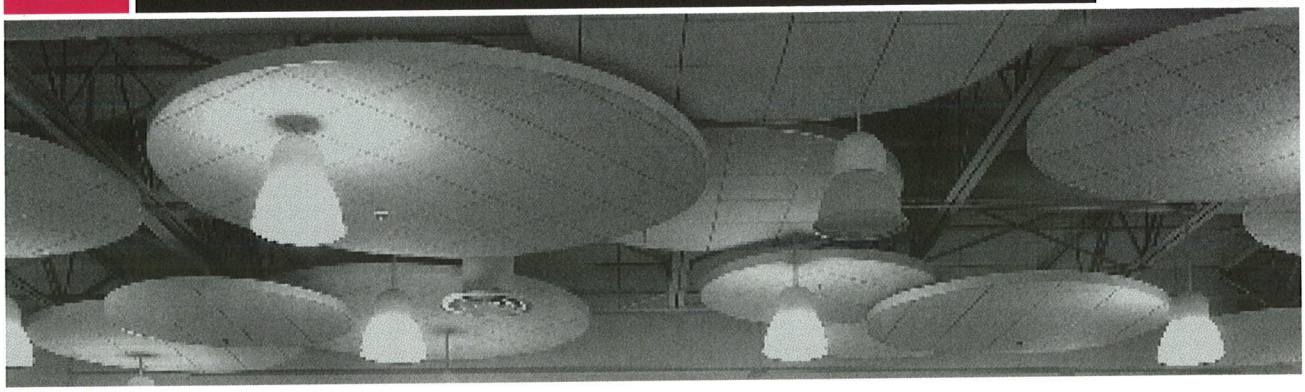
2 PROJECT TEAM ORGANIZATION



A. Proposed Design Team - Organizational Chart

B. Specialized Capabilities and Skills

C. Current Workload and Scheduling

D. Project Methodology and Quality Control

E. Cost Control Measures

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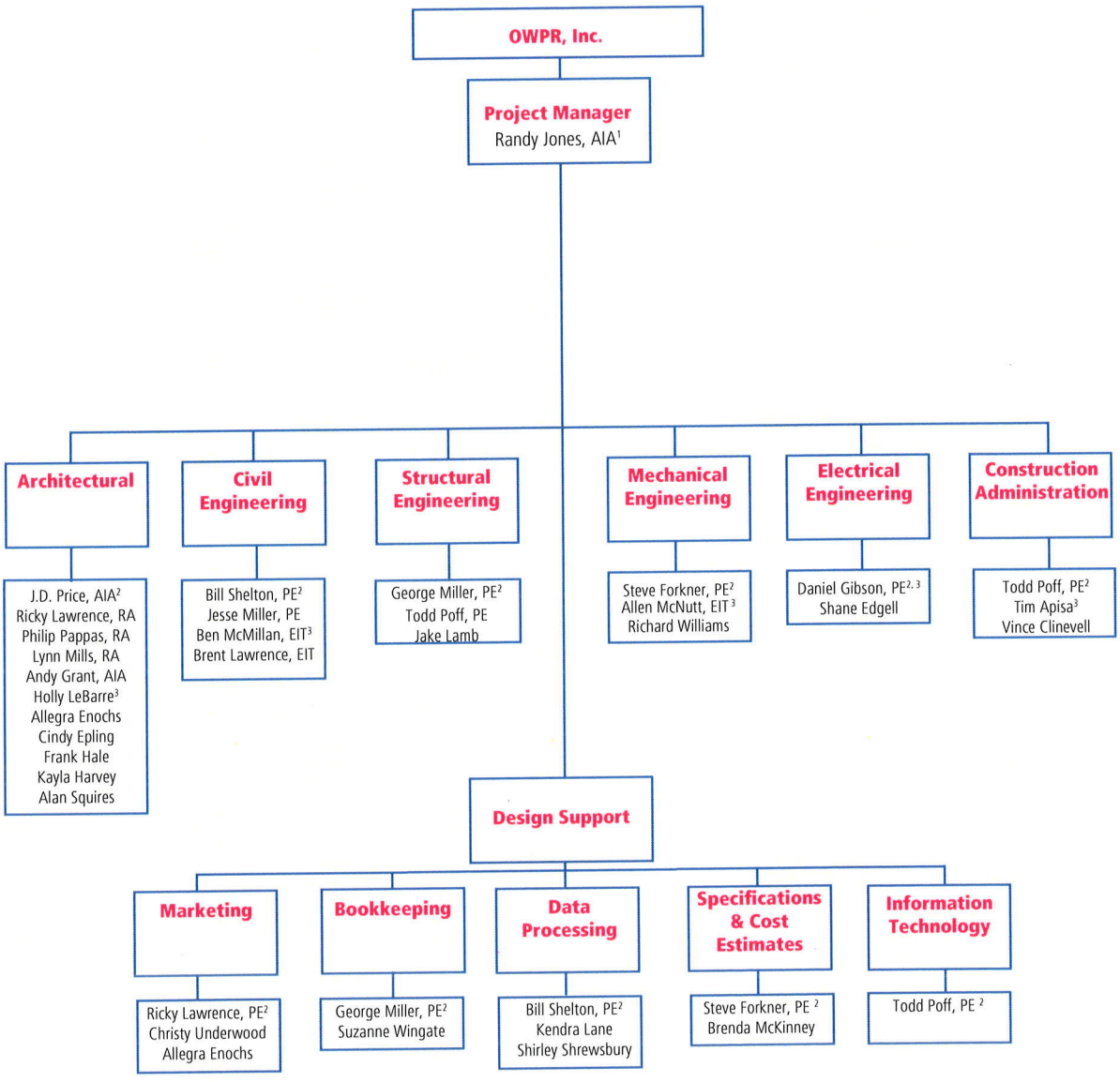
A. OWPR DESIGN TEAM - ORGANIZATIONAL CHART

Our licensed staff provides the expertise, professionalism and innovative approach fundamental to the execution of successful design solutions. OWPR is committed to our clients from pre-design on through completion - ensuring dedication, continuity and satisfaction.



1. Primary Day-to-Day Contact with Owner's Representative
2. Team Leader
3. LEED Accredited Professional

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B. SPECIALIZED CAPABILITIES AND SKILLS

1. Sustainable Concepts and LEED Design

OWPR is deeply committed to sustainable design principles as a matter of routine practice. OWPR is a member of the U.S. Green Building Council and we have LEED® Accredited Professionals on staff. Although not every client is prepared to pursue LEED® certification, our architects and engineers continually look for every opportunity to incorporate sustainable design principles into all projects. We view this as a primary responsibility of our profession.

Sustainable architecture seeks to minimize the negative impact of a building on the environment by increasing efficiency and moderation in the use of materials, energy, and space while connecting people to their natural surroundings.

Several members of the OWPR Design Team are LEED® Accredited Professionals. Sustainable design practices have influenced our projects for many years. In fact, most projects designed by the OWPR Design Team exhibit many LEED® design principles, without actual LEED® certification. Among these principles are:

Sustainable Sites – This category deals with the issues involved with the building's site such as erosion, transportation, density, storm water management, heat island reduction and light pollution.

Water Efficiency – This category covers matters involved with the building's water systems such as water efficiency and waste water management.

Energy and Atmosphere – This category handles issues involved in the building's energy management systems and power consumption such as energy performance, renewable energy and refrigerant management.

Materials and Resources – This category deals with matters involved with the building's material and resource usage and consumption such as recycling, building reuse, waste management, use of recycled content in materials, using regional materials and using renewable materials.

Indoor Environmental Quality – This category deals with issues involved in the quality of the indoor environment such as indoor air quality, acoustical performance, ventilation, cleaning materials, lighting systems, thermal comfort, daylight and views, and mold prevention.

Innovation and Design Process – This category handles unique and innovative items. Having both ARCHITECTS and ENGINEERS under one roof has provided us with an advantage in coming up with a completely integrated building design. OWPR understands the interrelationships of all building systems and materials. With both professions working together closely in the same office we can optimize all elements of the design through complete integration resulting in a cost effective and high performance 'green' building.

We find that most of our clients share our values of responsible environmental citizenship, but many encounter barriers that inhibit the reflection of their personal values in their professional activities. These barriers may include issues of cost, access to information, and knowledge of available products and systems. As designers, it is our responsibility to realize our clients' commitments, remove these barriers and provide leadership, a balanced planning approach and promote innovative solutions.

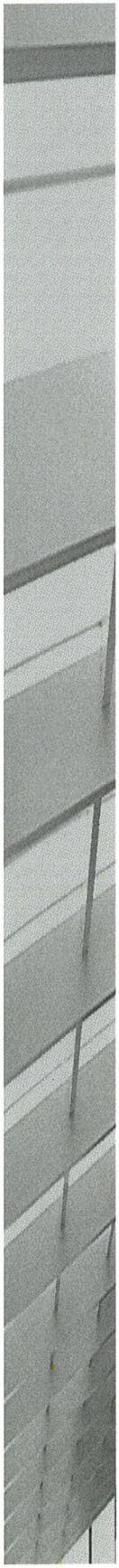
2. LEED® Projects

Lylburn Downing Middle School Addition and Renovations - Lexington, Virginia This project is currently under construction. The school was designed to meet LEED® standards, however, the client opted not to pursue LEED® certification.

Lucas Hall Addition and Renovations - Roanoke College - Salem, Virginia This project is currently under construction. This project was designed to meet LEED® standards and LEED® certification is being pursued.

Frederick County Public Schools Transportation Facility - Frederick County, Virginia This project is currently under development. This project will be designed to meet LEED® standards and LEED® certification is being pursued.

B. SPECIALIZED CAPABILITIES AND SKILLS



2. Knowledge of Codes and Regulations

OWPR, Inc. has been designing facilities for over 45 years. During that period of time, we have had the opportunity to work with many various codes, state regulations and agencies.

Presently, the regulations that govern designs produced by OWPR, Inc. are the 2006 Virginia Uniform Statewide Building Code (VUSBC), 2006 International Building Code (IBC), the National Fire Protection Association (NFPA), the Accessible and Usable Building and Facilities Act (ICC/ANSI A117.1-2003) and the 2004 Americans with Disabilities Act Accessibility Guidelines (ADAAG). OWPR's Civil Engineering Department produces designs that are regulated by the Clean Water Act, the Virginia Erosion and Sediment Control Law and the Virginia Stormwater Management Law.

OWPR, Inc. is very knowledgeable of all the codes and regulations. Due to our extensive experience producing quality projects in and around Bluefield, Virginia, we are very familiar with local conditions and guidelines. We will provide the Bluefield Transit System with a quality finished product that meets all the requirements.

3. Ability to Respond on Short Notice

One of OWPR's strong points is communicating with our clients. The most important aspect which we stress is that our client will be dealing with the same Project Manager from start to finish. Our entire staff is available for a meeting any time at the the Bluefield Transit System's office or at the construction site. When you contact our office, you do not have to go through an automated answering service or several people; you get our Project Manager right away.

Whenever the Owner has a question or desires to meet on a moment's notice, our Project Manager and any design personnel are available for such a meeting. OWPR, Inc. feels that we owe our clients the very best service available. That's why all the principals are involved with our projects right from the very start.

We do not promise you service then not deliver. Our clients get more attention than they have been accustomed to receiving. Ask any of them. We encourage you to contact the references listed herein.

4. Resolving Day-to-Day Problems

During the course of construction, questions or problems may arise due to a discrepancy, a misinterpretation of a detail or because something unforeseen is encountered.

Whenever the General Contractor has a question concerning a particular item, he will issue a Request for Information (RFI). This is normally done by sending a fax or email which the General Contractor has in his field office. Immediately upon receiving his question, the following action is taken:

- The project manager evaluates the problem.
- He coordinates with the design discipline involved and the designer.
- We resolve the problem or explain the detail to the General Contractor.
- In the event a revised detail is required, we issue a sketch and fax or email the solution back to the General Contractor immediately; no delays.

Sometimes, our Construction Contract Administrator will discover a problem at the job site which may require the involvement of the engineer. When this occurs, which is not often, he will call our office, get the engineer on the phone and explain the problem or question. Again, the engineer will explain the situation or, where necessary, will fax or email a copy of a sketch which will resolve the problem. All such items are always routed through our project manager.

Regardless, any problem that arises is always addressed immediately by our personnel in order to avoid construction delays. During such times, the Owner's Representative is always kept abreast of such events.

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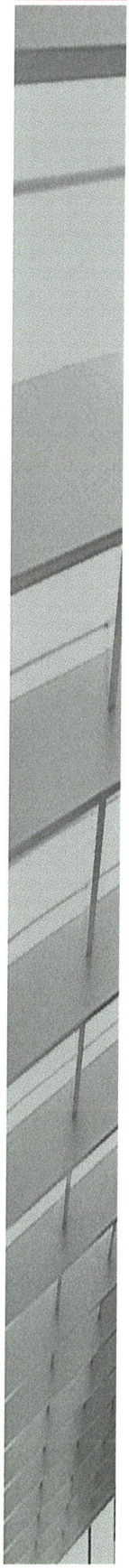
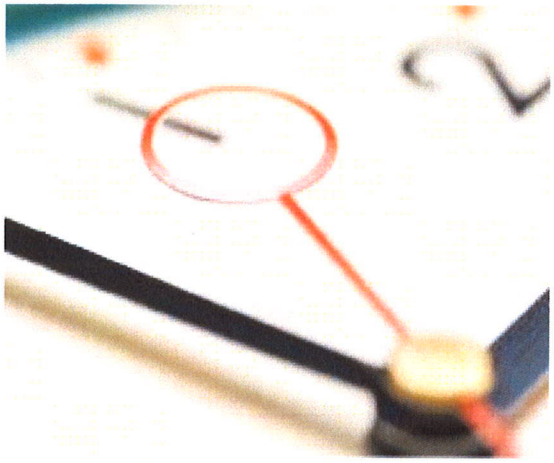
C. CURRENT WORKLOAD AND SCHEDULING



1. Deliver of Project on Time



OWPR, Inc. has the ability and capacity to complete multiple projects on schedule. We normally have 10 to 15 projects in design simultaneously. This requires close coordination, scheduling and checking. To ensure all of our projects will be completed on or before the completion dates we adhere to the following procedures:

- **We maintain one Project Manager** with designated backup personnel throughout the project.
- **Schedules are arranged** to avoid conflicts between projects where possible.
- **Hold initial design staff meeting with all Team Members** to cover the entire design scenario, schedules, design procedures, design responsibilities of each team member and establish the Quality Control Program. At this meeting, OWPR, Inc. covers all the "Lessons Learned" that have emerged from the design of previous projects and questions that have arisen during construction of these projects.
- **Hold regularly scheduled design meetings** with the Design Team to ensure coordination between all design disciplines.
- **All checking is done in accordance with OWPR's Quality Control Program.**
- **Close comunications** are maintained between our office and the Bluefield Transit System throughout the project. Our personnel are always available to the Bluefield Transit System on a moment's notice.

2. Manpower Availability Chart

Name	Technical Role	Percent of Time to be Devoted to this Project
Randy Jones, AIA	Project Manager	50 percent
Andy Grant, AIA	Project Architect	75 percent
Holly LeBarre	Architectural Designer	60 percent
George Miller, PE	Structural Engineer	75 percent
Bill Shelton, PE	Civil Engineer	75 percent
Steve Forkner, PE	Mechanical Engineer	75 percent
Richard Williams	Mechanical Designer (Plumbing)	75 percent
Daniel Gibson, PE, LEED AP	Electrical Engineer	75 Percent
Tim Apisa, LEED AP	Construction Contract Administration	20 percent

OWPR, Inc. feels that we owe our clients the very best service available. That's why all the principals are involved with our projects right from the very start. There has got to be a reason for having a repeat client for 25 years, as is the case with Frederick County School Board. The reason is service; not only during the design phase, but most especially during the construction phase. Distance to the site is no problem-we stay on top of all our projects. We do not promise you service then not deliver. Our clients get more attention than they have been accustomed to receiving. Ask any of them. We encourage you to contact the references listed herein.

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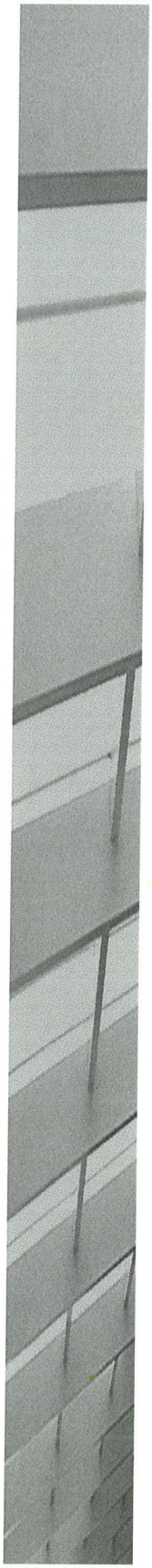
C. CURRENT WORKLOAD AND SCHEDULING



3. Proposed Project Schedule

The OWPR Design Team will work with the Bluefield Transit System to confirm the scope of work and establish the program. Once this is complete, OWPR will establish a design schedule based upon your requirements. The OWPR Design Team is capable of handling multiple projects without difficulty.

With a staff of 30, OWPR has the capability of a production workload in excess of 45,000 production hours per year. OWPR is actively seeking new commissions for the next 12 to 24 months, yet we judiciously choose what we pursue. We continually look to maintain a balance to our workload, so we are careful not to jeopardize our existing - and future - relationships with our clients.

The design team of OWPR has demonstrated its capability of handling multiple project tasking without difficulty. Based on our current workload, we have the staff immediately available to begin work on the design of the facility for the Bluefield Transit System. Our Design Team can and will meet your schedule!

4. Deliver of Project within Budget

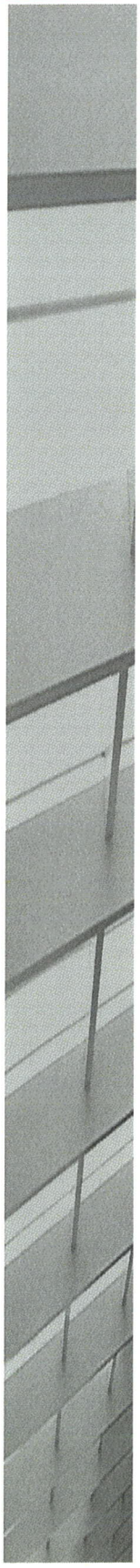
The OWPR Design Team will work with the Bluefield Transit System to develop a comprehensive total project cost estimate. We will also establish multiple bid packages and incorporate multiple alternates. The benefit of this process allows the Bluefield Transit System to buy the job incrementally and allows greater flexibility and control of the budget; often allowing the Bluefield Transit System to buy more building than they initially thought feasible.

The following table shows only the cost associated with the construction portion of a project. Other costs, such as soft costs, furniture, equipment, site acquisitions etc. are not reflected here. In establishing the overall budget, including a reasonable contingency, we are proud that all of our projects have been completed at or close to the total project budget and change orders other then Owner requested or concealed conditions are kept to a minimum.

A/E ESTIMATE VS. CONTRACT AWARDED

Project	A/E Estimate	Contract Amount
Blacksburg Middle School	$19,522,941	$17,931,000
Edgemont Primary & Jeter Watson Intermediate Combined School	$23,032,050	$20,555,000
Gainesboro Elementary School	$16,000,000	$15,040,000
Pulaski Elementary School	$9,300,000	$8,408,000

D. PROJECT METHODOLOGY AND QUALITY CONTROL



Our Management Plan

Experience has taught us that successful management begins with simple lines of communication. At OWPR, this begins with the Project Manager. Our Project Managers are all Principals in the firm with years of experience. Our proposed Project Manager, Randy Jones, has successfully managed many other construction projects. Mr. Jones brings a strong working relationship with area contractors, and a passion for facility design.

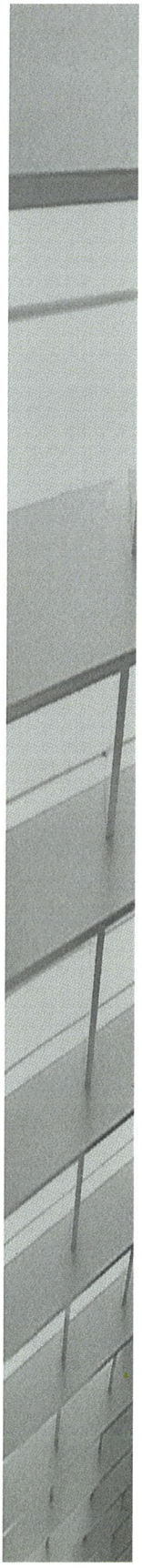
While our Project Manager is your primary contact, we believe that our 30 personnel should feel like an extension of your staff. We do not discourage phone calls from owners and contractors directly to the resource that they believe can help them most effectively and quickly. This does not diminish the capability of the Project Manager, but does expedite solutions for owner's and contractor's.

We routinely deliver projects on time and under budget by implementing the following plan:

Design Phase:

- **Establish project parameters, goals, and a completion date.** Partner with the client to vision and program the project.
- **Identify critical path issues**
- **Anticipate where problems/delays may occur** and create a plan to mitigate
- **Establish a design schedule with actions** of the owner, consultants, and approving agencies clearly defined as milestone dates
- **Project kick-off meeting with the design team.** This may include the owner's representative. Project roles, expectations, and schedule are clearly conveyed to the team.
- **Weekly to biweekly in-house design team meetings with OWPR staff.** Allows the team to identify critical issues, coordinate design efforts, and communicate. The design schedule is updated after each meeting.
- **Cost Estimates are prepared as requested by the owner.** Typically, cost estimates are provided at the schematic, design development, and contract document phases. Our close working relationship with area contractors helps make our cost estimates accurate.
- **Owner meetings/review agency meetings are held as necessary** to address anticipated or real-time issues, or to simply provide an updated on the progress report.
- **Public meetings are sometimes held to include and inform the public.** These may be structured, as small working group meetings, large group visioning sessions, or simply information sessions.
- **Owner submittals/agency submittals are given as required.** An owner submittal typically consists of a review package at the completion of each design phase (schematic, design development, and construction documents).
- **Internal oversight and checking by departments heads and the Project Manager occurs continuously**. We strive to check and recheck small parts of the project as they are completed, then one thorough check is done by each department heads and the Project Manager at the completion of the project. We do not believe in designing by addendum after the bid or change order during construction.

D. PROJECT METHODOLOGY AND QUALITY CONTROL



Bidding Phase:

We have the capability to assist the owner through advertising for bid and distributing hard copies or electronic copies of contract documents to potential bidders. We will provide due diligence and will provide recommendations regarding the acceptance of the lowest responsive bid, and we will prepare and facilitate the necessary contracts between the contractor and the owner.

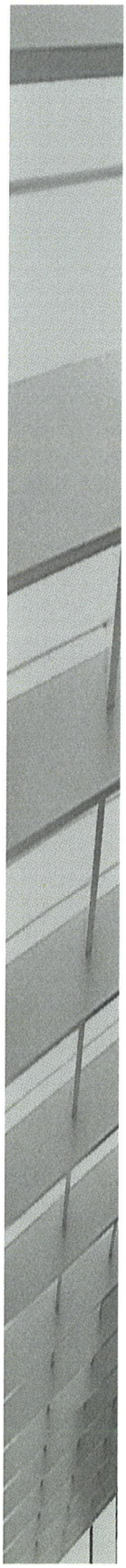
Construction Phase:

The construction phase is usually the longest part of the process of bringing a project to fruition. It is also the last impression on the client. OWPR understands that the successful execution of a project includes heavy involvement of the design team during construction. We pride ourselves on fast, thorough responses to contractor's questions and timely, detailed resolutions to problems that arise. WE encourage electronic communication during construction to expedite answers and solutions. This allows contractors to receive responses sometimes within minutes. We even encourage electronic shop drawing submittals.

Though we have honed the design process over years of practice, our greatest asset is an experienced and dedicated staff who are committed to meeting the project schedule and thrive on exceeding expectations.

We have created prototype designs for divisions and understand the importance of updating prototypical designs as lessons are learned, codes change, and building materials and systems evolve. We are experienced in updating and redesigning prototypes of OWPR, as well as those of other firms, and can provide this service if the Bluefield Transit System chooses.

E. COST CONTROL MEASURES



To assist in making decisions concerning energy conservation, which influences overall costs, OWPR, Inc. utilizes Life Cycle Cost Analysis and also Value Engineering to determine the most economical cost systems to use.

1. Life Cycle Cost Analysis

Our design staff utilizes a computer program to evaluate the Life Cycle Cost in Design (LCCD). The ultimate goal is to arrive at the most energy efficient and economical system available within the parameters that we must work with.

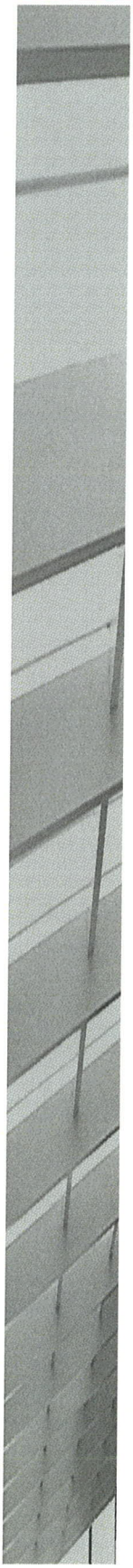
In our design, our mechanical engineers will consider several different mechanical systems and run the LCCD on each option. In this analysis, we utilize an Hourly Analysis Program (HAP) by Carrier which investigates the cost of energy use, considering the initial costs and the escalation costs. We also use an ASHRAE program which takes into account the cost of maintenance. After the LCCD is run on each system, we have all the necessary information which will tell us which system would be best suited for the facility we are designing.

The availability of fuel to the site is sometimes a deciding factor; i.e., natural gas availability, coal, oil, etc. We recently investigated a Life Cycle Cost Analysis for the use of geothermal heating and cooling at Riverlawn Elementary school in Fairlawn, VA.

OWPR, Inc. performs a Life Cycle Cost Analysis on the majority of the projects we design.

2. Value Engineering

We have participated in many value engineering exercises, both during design, and after bidding. We are adept at working with third parties to identify value engineering opportunities and their potential impact on cost and quality. While value engineering is an important part, and sometimes necessary part, of any project, it must be done judiciously so the underlying quality, function, and maintainability of the project are not diminished. We are proactive in ensuring an owner is satisfied with their facility long after the dedication ceremony. With our heavy volume of hard bid and design/build work, we keep a current, comprehensive database of pricing to enable informed design decisions. We have found that incorporating cost-conscious design decisions make the value engineering process easy.



3. Cost Estimating

OWPR, Inc. utilizes a cost estimating program in each discipline. The program covers every aspect of building construction. We also check costs from MEANS Cost Estimating manuals.

Further, our personnel check vendors for local prices on long lead items and any large pieces of equipment such as mechanical and electrical equipment; vendors that may likely be furnishing such equipment. Our Cost Estimating methods have proven to be quite accurate.

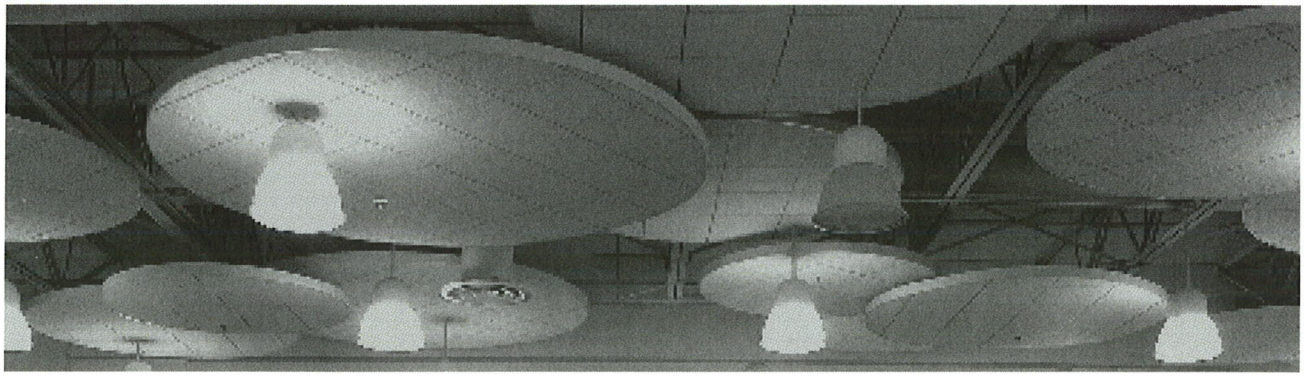
4. Maintenance

Maintenance is a very critical consideration and ranks very high with our engineers during design. Following is a list of items which we consider and design/specify into our projects which assists the Bluefield Transit System with maintenance and helps lower costs:

- Operations & Maintenance Manuals - Require the Contractor to furnish at least three copies of Operations and Maintenance Manuals for equipment
- Equipment Service - Equipment/Products shall be supported by a service organization which maintains an adequate inventory of repair parts which are located reasonably close to the facility.
- Maintenance Orientation - Require the Manufacturers' Representative to conduct a brief orientation class on proper maintenance procedures for the Bluefield Transit System's maintenance personnel.
- Standardization of Design - Design systems which utilize the same manufacturer of components and which are compatible with existing equipment/spare parts.
- Photographs - OWPR, Inc. photograph the installation of mechanical/electrical equipment in phases as it is being installed to assist the Bluefield Transit System's maintenance personnel for future maintenance. Also, we photograph items that will be concealed in the final completion.
- Record Drawings - OWPR, Inc. provides the Bluefield Transit System with record drawings that locate buried lines and other items that may have changed from the initial drawings.
- Access - Design considers space requirements for access for workers to pull motors, dampers, filters, coils, boiler tubes, etc. and provide access panels for equipment, pipes and electrical equipment.
- Placement - We place valves, gages, thermometers so they are accessible without use of a ladder. This encourages maintenance personnel to read them often.
- Warranty Items - Our specifications will also cover warranty items such as roofing and mechanical/electrical items.
- Quality Assurance - Specifications call for all material to be new and bear the manufacturer's name, trade name and the UL label where a standard has been established.
- Future Planning - OWPR, Inc. has made it a policy to provide empty/spare raceways for future communication abilities.
- Positive Roof Slopes - Positive slopes on all roofs are designed to eliminate the possibility of ponding of water that may well lead to leaks. There is much less maintenance with a well draining roof.
- Tested Systems - Our Architects and Engineers design systems that have been tried and tested; we do not like to utilize a product that literally makes our client a "testing ground" for something that may cost them dearly in a few short months. We do, however, use the latest "state-of-the-art" equipment and technology.

3 PERFORMANCE PERSONNEL

Section 3

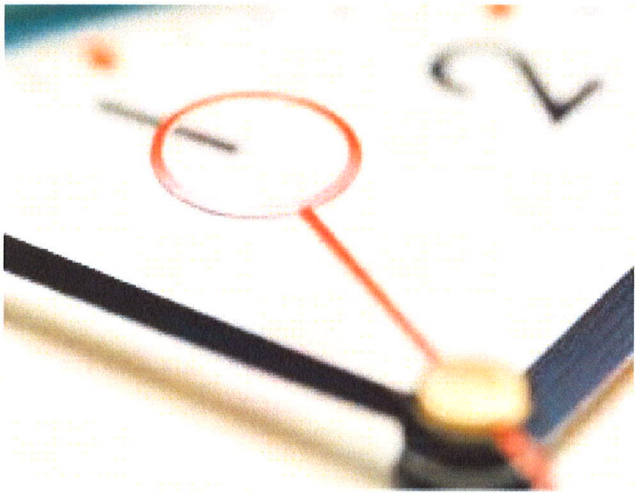


A. Resumes - OWPR, Inc.

B. Consultants

OWPR
ARCHITECTS AND ENGINEERS

PERFORMANCE PERSONNEL



OWPR recognizes that responsiveness is an important consideration in your selection of a professional services firm. OWPR's professionals are committed to being available anytime, anywhere to meet your needs. We want to be the trusted architectural and engineering service advisors whom you can rely on for valuable advice and creative solutions to the issues you face.

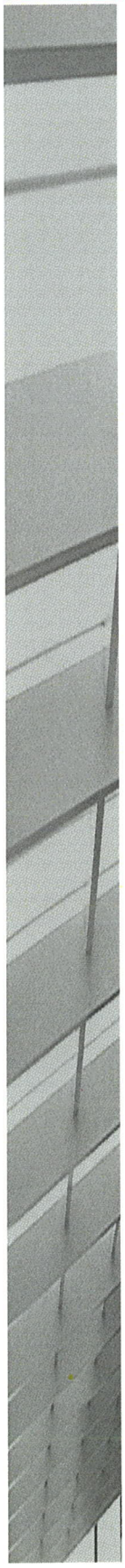
Our goal is to exceed your expectations. We will guarantee a fast response, typically the same day, but most definitely within 48 hours. Every member of our project team will come to you with a sense of commitment, responsibility, and an earnest desire to deliver the value-added service you demand. We want and are prepared to be continually involved in helping the Bluefield Transit System achieve your goals. We will react quickly to your requests and inquiries and will offer creative, practical advice on the challenges confronting you.

One of OWPR's strong points is communicating with our clients. The most important aspect which we stress is that you will be dealing with the same Project Manager from start to finish. Our entire staff is available for a meeting any time at the Bluefield Transit System's office or at the construction site. When you contact our office, you do not have to go through an automated answering service or several people; you get your Project Manager right away.

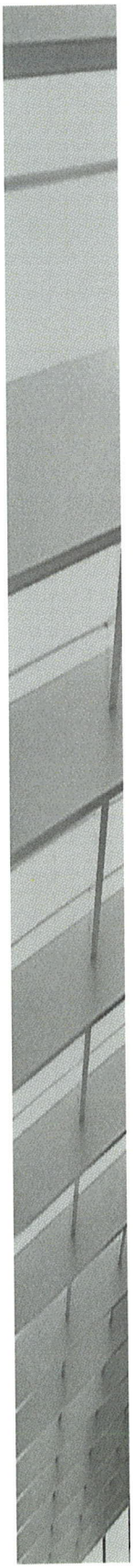
Whenever the Bluefield Transit System has a question or desires to meet on a moment's notice, our Project Manager and any design personnel are available for such a meeting. OWPR, Inc. will provide the Bluefield Transit System with the very best service available. Whether we are 4 minutes from our client or 4 hours – the dedication to customer service remains the same. Our personnel are always available on a moment's notice.

OWPR
ARCHITECTS AND ENGINEERS

A. RESUMES - OWPR, Inc.



OWPR
ARCHITECTS AND ENGINEERS



Randy S. Jones, AIA
CHIEF EXECUTIVE OFFICER

Project Assignment: Project Manager
Years of Experience: 21
Education: Bachelor of Architecture - VA Tech 1990
Active Registrations: Virginia, North Carolina Tennessee, West Virginia

Professional Summary

I am one of the principals in charge of architectural projects at OWPR, Inc. I have a diverse career that includes over 20 years of professional practice as a Designer, Project Architect and Project Manager. I bring and cutting-edge educational design experience and extensive recreational expertise to the team.

As an Architect, I strive for inventive and aesthetically pleasing designs that meet the unique needs of each client. I want to involve my client in the design process, utilizing both experiences of the past, and the new concepts and ideas of today. I take great care to design a building that is not only aesthetically pleasing, but also sustainable. I want to complete each project to the satisfaction of the client.

Leading the talented, highly skilled team at OWPR, Inc. is exciting and rewarding. I encourage and nurture our career -minded staff, involving them in OWPR's vision for the future. Our commitment to creativity and client satisfaction are what have continually set OWPR apart for over four decades.

Select Project Experience:

Caroline County Public Schools
Caroline County, Virginia
- System Wide School Study

Covington City Public Schools
City of Covington, Virginia
- System Wide School Study
- New Elementary School Site Study
- Joint Alleghany/Covington High School Study

Frederick County Public Schools
Frederick County, Virginia
- Frederick County Middle School Renovations
- Greenwood Mill Elementary School
- James Wood Middle School Renovations
- Orchard View Elementary School
- New Transportation Facility Study
- Redbud Run Elementary School
- Sherando High School
- Stonewall Elementary School

Grayson County Public Schools
Grayson County, Virginia
- System Wide School Study

City of Galax Public Schools
City of Galax, Virginia
- Galax High School Renovation

Giles County Public Schools
Giles County, Virginia
- Narrows Elementary/Middle School Addition & Renovations
- Eastern Elementary School Addition & Renovations Study
- Giles County Vocational Center Addition & Renovations Study

Lexington City Public Schools
Lexington, Virginia
- Lylburn Downing Middle School Addition & Renovation
- System Wide School Study

Montgomery County Public Schools
Montgomery County, Virginia
- Auburn Strand Facility Study
- Auburn Elementary School
- Auburn Middle School Renovations
- Blacksburg Middle School
- Christiansburg Middle School
- Eastern Montgomery High School
- Shawsville Middle School Kitchen Addition & Renovations
- Six School Window Replacement

Pulaski County Public Schools
Pulaski County, Virginia
- Critzer Elementary School Addition & Renovations
- Snowville Elementary School Addition & Renovations
- Pulaski Middle School Renovation Study
- Claremont Elementary Renovation Study

Roanoke Catholic School
Roanoke, Virginia
- Master Plan Study
- Multi-Purpose Building
- New Lower School and Gymnasium
- Study for A Gymnasium Addition & Renovations

Roanoke County Public Schools
Roanoke County, Virginia
- Monterey Elementary School Renovations

Russell County Public Schools
Russell County, Virginia
- Belfast Elementary School Renovations
- Copper Creek Elementary School Renovations
- Givens Elementary School Renovations

Warren County Public Schools;
Warren County, Virginia
- Preliminary Design Study of 4 Schools
- Warren County High School
- Skyline High School

Wise County Public Schools;
Wise County, Virginia
- St. Paul High School Study

Wythe County Public Schools
Wythe County, Virginia
- System Wide Facilities Study
- Fort Chiswell Middle School Addition & Renovations
- Jackson Memorial Elementary School Addition & Renovations
- Max Meadows Elementary School Addition & Renovations
- Rural Retreat Elementary School
- Rural Retreat Middle/High Agriculture Building
- Rural Retreat Middle School Addition & Renovation
- Rural Retreat High School Addition & Renovation
- Scott Memorial Middle School Addition & Renovations
- Spiller Elementary School Addition & Renovations

Andrew C. Grant, RA
PROJECT ARCHITECT

Project Assignment: Project Architect
Years of Experience: 26
Education: Associate of Architectural Technology - New River Community College 1985
Active Registrations: Virginia , West Virginia

Professional Summary

My career spans more than 25 years. I believe that good design can enrich and transform lives. My clients are my partners in creating places that serve important purposes. My typical duties as Project Architect include design, document production and supervision, specification writing, client communication, project coordination, cost estimating, report writing, graphic presentations, and fee proposals.

I have worked in both public and private sectors, this gives me a unique adeptness at synchronizing and clarifying my clients vision and needs, then properly realizing them in atheistically pleasing, yet financially prudent form.

After eight years away, I returned because I believe that OWPR provides the best atmosphere for quality, attentive architecture. We are dedicated to an integrated approach to design through engagement of all OWPR's design disciplines. Well designed, legible architecture will continue to grow in importance as our buildings become ever more complex.

Select Project Experience:

Caroline County Public Schools
Caroline County, Virginia
- System Wide School Study

Central United Methodist Church
Radford, Virginia
- Family Life Center Addition

Frederick County Public Schools
Frederick County, Virginia
- James Wood Middle School Roof Replacement
- New Transportation Facility Study
- Senseny Road Elementary School Roof Replacement
- Sherando High School

Lexington City Public Schools
Lexington, Virginia
- Lylburn Downing Middle School Addition and Renovation
- Lylburn Downing Middle School Annex - Addition and Renovation

Pulaski County, Virginia
- New Wellness Center Feasibility Study

Roanoke College
Salem, Virginia
- Lucas Hall Renovations

Russell County Public Schools
Russell County, Virginia
- Belfast Elementary School Renovations
- Copper Creek Elementary School Renovations
- Givens Elementary School Renovations
- Honaker High School Renovations

Tazewell County Public Schools
Tazewell County, Virginia
- Cedar Bluff Elementary School Renovations
- North Tazewell Elementary School Renovations
- Tazewell Elementary School Renovations
- Richlands Elementary School Renovations
- Springville Elementary School Renovations

Appalachain School of Law*
Grundy, Virginia
- Classroom and Meeting Room Facility
- Alex Booth Center

Appalachian School of Pharmacy*
- Classroom and Meeting Room Facility

Cedar Bluff, Virginia*
- Four County Transit, Administration and Vehicle Maintenance Facility

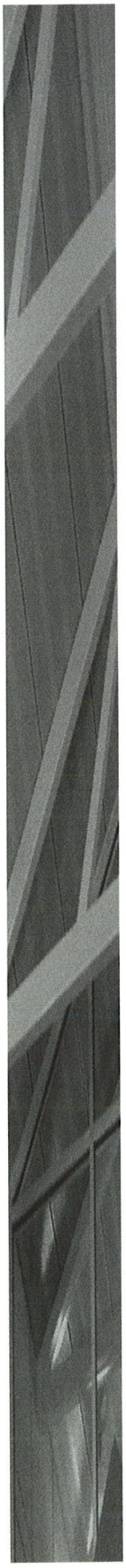
Radford University*
Radford, Virginia
- Dalton Dining Hall Food Court Renovations
- Dalton Dining Hall Entrance Lobby
- Peters Hall Entrance and Reroofing
- Stuart Residence Hall Interior Renovation
- Walker Hall Exterior Facade Replacement

Roanoke, Virginia*
- State and City Building
- Office Building

Virginia Tech*
Blacksburg, Virginia
- Jameson Athletic Center Football Team Players Lounge

Woodrow Wilson Rehabilitation Center
Fisherville, Virginia
- Campus Dormitory Renovation

* Indicates Project Experience with Previous Employer



Ricky L. Lawrence, RA

CHIEF INFORMATION OFFICER

Project Assignment: Project Architect
Years of Experience: 35
Education: Associate of Architectural Technology - Virginia Western Community College 1976
Active Registrations: Virginia

Professional Summary

As one of the principals in charge of architectural design at OWPR, Inc., my primary responsibility is to lead our seasoned design team through the design and construction phases of commercial and industrial projects. My eclectic spirit and wide range of interests has led me through a diverse career that includes projects ranging from small studies to high rise buildings. I bring extensive commercial and industrial design experience to the team.

As an Architect, I feel that a building should be built with forever in mind. It should be a delight for the present, and a treasure for tomorrow that generations to come will appreciate.

I started my career here at OWPR in 1974 as a draftsman, after a decade away, I returned in 1996 because I believe that a small firm provides the best atmosphere for quality, attentive architecture. We are dedicated to treating each client as our most important client and each project as our only project.

Select Project Experience:

Floyd County, Virginia
- Citizens Telephone Cooperative

Giles County, Virginia
- Pembroke Telephone Cooperative

Mountain Empire Community College
Big Stone Gap, Virginia
- Maintenance Building

Meadowbrook Library
Montgomery County, Virginia

New River Community College
Dublin, Virginia
- Maintenance Building
- NRV Mall Theatre Expansion
- Computer Services Expansion
- Bookstore Renovations at Martin Hall
- Campus Wide ADA Study
- Stair Repair - Martin Hall

Roanoke County Public Library - Headquarters
Roanoke, Virginia

Roanoke Redevelopment & Housing Authority
Roanoke County, Virginia
- Lincoln Terrace Asbestos & Lead Paint Abatement 1C-B, 1D
- Lincoln Terrace Asbestos & Lead Paint Abatement 4 Buildings
- Pitzer Building Demolition
- Bluestone Door & Roof Repairs
- Melrose Towers Roof Replacement
- Exterior Painting of Melrose Towers Building

Southside Virginia Community College
Alberta, Virginia
- Christanna Campus Maintenance Building
- Christanna Campus Renovations
- Daniels Campus Renovations

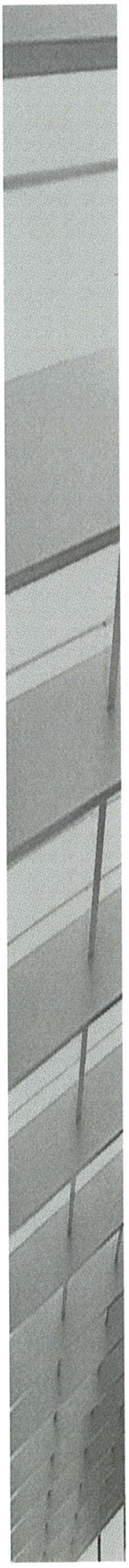
Southwest Virginia Community College
Richlands, Virginia
- Maintenance Building

Virginia Western Community College
Richlands, Virginia
- HVAC Modifications to Humanities Building
- Waterline Replacement
- Renovations to Student Services Suite
- Compressed Video Classrooms
- Science Building Renovations

VCCS - Construction Administration Contract
- Virginia Highlands Community College Maintenance Building
- Virginia Highlands Community College Greenhouse
- Southside Virginia Community College Maintenance Building
- Dabney S. Lancaster Community College Maintenance Building

Wytheville Community College
Wytheville, Virginia
- ADA Campus Renovations

United States Postal Service - Multiple Term Contracts
- ADA Studies - VA, WV and Tennessee
- Feasibility Studies - VA, WV and Tennessee
- 6 New MSBD Facilities
- 24 Addition and Renovations Projects to MSBD Facilities
- 31 Construction Contract Administration Projects



William A. Shelton, PE

VICE-PRESIDENT

Project Assignment: Civil Engineer
Years of Experience: 19
Education: Bachelor of Science - VA Tech 1992
Active Registrations: Virginia, North Carolina, Tennessee, West Virginia

Professional Summary

As a Civil Engineer, it is my responsibility to oversee the design of all aspects of a project site in order to provide our clients with proper site layout and utility design. This includes designing roads, site layouts, grading and earthwork calculations, storm drainage and stormwater management facility design and calculations, as well as, water and sanitary sewer design calculations. Every site provides new and unique challenges which may include working with wetlands, streams and rivers, floodplains, retaining walls, sinkholes, along with other situations. I have met each of the various project challenges and I always look for unique and cost effective solutions to site issues. Analyzing pedestrian and vehicular traffic patterns and providing well designed, aesthetically pleasing site layouts which are efficient, user friendly and meet the client's goals are of utmost importance.

I also assist clients in pre-design site evaluation and feasibility studies, leading our client through the site selection process. Existing facility inventories and master planning are also ways I help our clients.

My goal is to provide excellent client service, to exceed your project's needs, and to add value through creative engineering solutions. OWPR's "hands-on" project management approach allows for early identification and resolution of a project's

Select Project Experience:

Bland County Public Schools
Bland County, Virginia
- Site Study

Caroline County Public Schools
Caroline County, Virginia
- System Wide School Study

Covington City Public Schools
City of Covington, Virginia
- Covington High School Expansion Study
- Edgemont Primary & Jeter-Watson Intermediate School
- New Elementary School Site Study
- System Wide School Study

Frederick County Public Schools
Frederick County, Virginia
- Administration Building Annex
- Administration Building Site Study
- Evendale Elementary School
- Gainesboro Elementary School
- James Wood High School Track Resurfacing
- Millbrook High School
- Millbrook High & Redbud Run Elementary Schools - MS4 Permit
- Sherando High School Track Renovation
- Transportation/Maintenance Study
- Various Site Studies

Galax City Public Schools
Galax City, Virginia
- Galax High School Addition & Renovation

Giles County Public Schools
Giles County, Virginia
- Eastern Elementary & Middle School Addition & Renovation
- Giles High School Football Stadium Renovations
- Giles County Technology Center Addition and Renovation
- Narrows High School Football Stadium Renovation
- Narrows High School Athletic Facilities Study

Lexington City Public Schools
Lexington, Virginia
- Lylburn Downing Middle School Addition & Renovation
- Waddell Elementary School Study

Montgomery County Public Schools
Montgomery County, Virginia
- Auburn Strand Facility Study
- Auburn Elementary School
- Auburn Middle School Renovations
- Blacksburg Middle School
- Christiansburg Middle School
- Eastern Montgomery High School
- Shawsville Middle School Addition/Renovations

Pulaski County Public Schools
Pulaski County, Virginia
- Critzer Elementary School Addition and Renovation
- New Elementary School Site Study
- Pulaski Elementary School
- Pulaski County High School Softball Field
- Riverlawn Elementary School

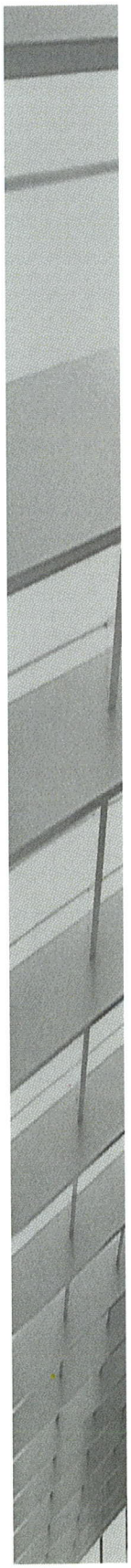
Roanoke Catholic School
Roanoke, Virginia
- Parking Lot Expansion
- Master Plan Study

Roanoke County Public Library - Headquarters
Roanoke, Virginia

Warren County Public Schools
Warren County, Virginia
- Skyline High School
- Warren County High School
- E. Wilson Morrison Elementary School

Wise County Public Schools;
Wise County, Virginia
- St. Paul High School Study

Wythe County Public Schools
Wythe County, Virginia
- George Wythe High School Drainage Improvements
- New Pressbox at Fort Chiswell High School
- Rural Retreat Elementary School
- Scott Memorial Elementary School Addition and Renovation
- Spiller Elementary School Addition and Renovation



George F. Miller, PE
CHIEF FINANCIAL OFFICER

Project Assignment: Structural Engineer
Years of Experience: 30
Education: Bachelor of Science - VA Tech 1981
Active Registrations: Virginia, West Virginia

Professional Summary

I am a Structural Engineer. I design the structure undergirding buildings to resist the forces of wind, gravity and earthquakes. The challenge is designing a structure that melds the functional requirements of the building and the aesthetic of the architectural vision, while being both practical and cost effective.

OWPR is a wonderful place to learn and practice the art and science of Structural Engineering. I have designed buildings from the foundation to the roof, then shepherd it from design through construction. I have the opportunity to work on a richly diverse portfolio of buildings including: single family homes, factories, foundries, multi-family housing, nursing homes, airports, dormitories, churches, commercial buildings, post offices, elementary schools, middle schools, high schools and colleges.

OWPR is the perfect size; large enough to meet our client's needs, yet small enough that each project is overseen by a Owner of the firm. This keeps our Owner's connected with each project in a way that progress reports and meetings can't.

Select Project Experience:

Frederick County Public Schools
Frederick County, Virginia
- Apple Pie Ridge Elementary School, Structural Investigation
- Armel Elementary School
- Greenwood Mill Elementary School
- James Wood High School Addition
- Indian Hollow Elementary School, Structural Investigation
- Middletown Elementary School, Structural Investigation
- Millbrook High School
- Redbud Run Elementary School
- Senseny Road Elementary School Addition & Renovations
- Sherando High School
- Sherando High School Addition
- Stonewall Elementary School

Galax City Public Schools
Galax, Virginia
- Galax High School Renovation

Giles County Public Schools
Giles County, Virginia
- Eastern Elementary School Addition & Renovation
- Narrows Elementary/Middle School Addition & Renovations
- Macy McClaugherty School Addition & Renovations
- Narrows High School Stadium Renovations

Montgomery County Public Schools
Montgomery County, Virginia
- Auburn Elementary School
- Blacksburg High School Stadium Half-Time Facility
- Blacksburg Middle School
- Christiansburg Middle School
- Eastern Montgomery High School

Madison County Public Schools
Madison County, Virginia
- Waverly Yowell Elementary School Addition & Renovations

New River Community College
Dublin, Virginia
- Edwards Hall

Pulaski County Public Schools
Pulaski County, Virginia
- Critzer Elementary School Addition & Renovations
- Dublin Middle School Elevator Addition
- Pulaski Elementary School

Roanoke Catholic School
Roanoke, Virginia
- Multi-Purpose Building

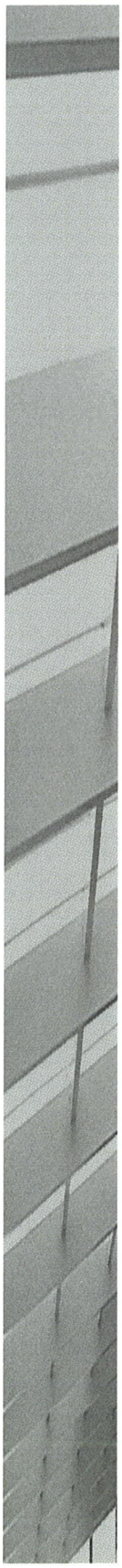
Roanoke College
Salem, Virginia
- Caldwell, Alleghany & Ritter Residence Hall (New)
- Chesapeake Residence Hall (New)
- Chesapeake Residence Hall Parking Lot
- Lucas Hall Addition & Renovation
- Massengil Hall Exterior Stair Replacement
- Market Street Residence Hall Complex Additions & Renovations)
- Olin Hall Structural Investigation
- Trout Hall Additions and Renovations

Warren County Public Schools
Warren County, Virginia
- Warren County High School

Wythe County Public Schools
Wythe County, Virginia
- Fort Chiswell Middle School Addition & Renovations
- George Wythe High School Elevator & ADA Upgrade
- Jackson Memorial Elementary School Addition & Renovations
- Max Meadows Elementary School Addition & Renovations
- Spiller Elementary School Addition & Renovations
- Wythe County Technology Center ADA Upgrade

Todd D. Poff, PE
VICE-PRESIDENT

Project Assignment: Structural Engineer
Years of Experience: 24
Education: Bachelor of Science - VA Tech 1987
Active Registrations: Virginia, North Carolina West Virginia, Maryland



Professional Summary

From the beginning of my career at OWPR, Inc. in 1989, I have worn many hats. I started as a Civil Engineer. After working in that department for several years, I began moving over to the Structural Engineering Department; where my true interest, and most of my training lies. I also serve as one of our Project Managers.

As a Principal, I enjoy being involved with the day-to-day operation of the company. I particularly enjoy my responsibilities as Information Technology Director.

As a Structural Engineer, it is my responsibility to insure the safety of the structures I design, as well as that of any occupants inside those structures. I take that responsibility very seriously. As a member of the design team, I understand that the structural system of a building needs to have the least amount of impact possible on the architectural design and on the way our clients use our buildings. It is that kind of teamwork, with all major design disciplines in-house, that allows me to say with confidence we provide our clients with a building design that will not only meet their needs but will be a place they can enjoy for many years to come.

Select Project Experience:

Bluefield State College
Bluefield, West Virginia
- Conley Hall Elevator Addition

Dabney S. Lancaster Community College
Clifton Forge, Virginia
- Scott Hall Renovations
- Maintenance Building

Mountain Empire Community College
Dublin, Virginia
- Maintenance Building

New River Community College
Dublin, Virginia
- Satellite Dish at Edwards Hall
- Waterline Modifications
- Parking Lot Expansion
- Maintenance Building
- NRV Mall Theatre Renovation

Radford University
Radford, Virginia
- Clock Tower
- Climbing Wall
- Currie Hall Fume Hood
- Washington Hall Concrete Porches

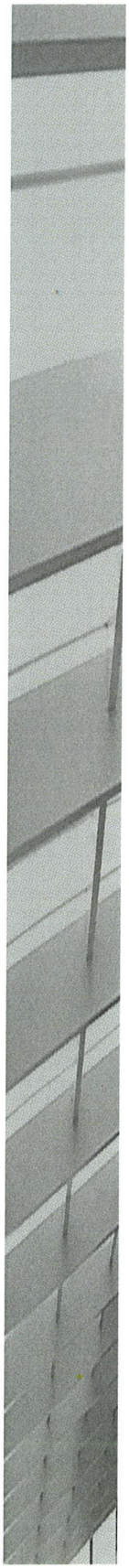
Roanoke County Public Library - Headquarters
Roanoke, Virginia

Roanoke College
Salem, Virginia
- Caldwell, Alleghany & Ritter Residence Hall
- Chesapeake Residence Hall
- Renovation to Trout Hall
- First Year Residence Hall
- New Athletic Facility

Southside Virginia Community College
Alberta and Keysville, Virginia
- Christanna Campus Maintenance Building
- Christanna Campus Renovations
- Daniels Campus Renovations

Virginia Highlands Community College
Abingdon, Virginia
- HVAC Replacement at Various Buildings
- Greenhouse

Wytheville Community College
Wytheville, Virginia
- Elevator Replacement
- Retaining Wall/Patio Renovations
- Fire Alarm Investigation
- Structural Investigation of Grayson Hall



Stephen R. Forkner, PE

CHIEF OPERATIONS OFFICER

Project Assignment: Mechanical Engineer
Years of Experience: 28
Education: Bachelor of Science - VA Tech 1983
Active Registrations: Virginia, North Carolina, Tennessee, West Virginia

Professional Summary

As a Mechanical Engineer I use computer technology and experience to develop, and design mechanical systems for a broad range of project types. I apply engineering principles to develop economical solutions to technical and physical problems. My goal is to make the indoor human environment unnoticeable to the five human senses for maximum comfort, while minimizing the amount of energy and material used, all the while keeping an eye on equipment maintainability.

I have provided my services for a variety of projects from conception to completion. My project responsibilities include life cycle studies, heating system design, air conditioning system design, ventilation system design (industrial and general indoor air quality), fire protection design, and fuel storage and distribution (above and below grade). I am experienced in all phases of design development including drawings, cost estimates, specifications, and inspections.

Through my years of experience I have gained a comprehensive knowledge of building systems and the construction process. This enables me to guide the team to deliver exceptional solutions. I want our client to get the most from their investment. Many years ago a commitment was made to provide our clients with the highest level of customer service possible. Principal involvement and attention to detail continues to set OWPR apart.

Select Project Experience:

Bluefield State College
Bluefield, West Virginia
- HVAC/Security Systems
- Elevator Additions - Conley Hall
- Boiler Replacement - Dikason Hall

Dabney S. Lancaster Community College
Clifton Forge, Virginia
- Renovation of Backels Hall
- Renovation of Scott Hall
- Sawmill Building

Mountain Empire Community College
Big Stone Gap, Virginia
- Maintenance Building

New River Community College
Dublin, Virginia
- Computer Services Expansion
- NRV Mall Theater Classroom Conversion Study
- Maintenance Building
- Bookstore Renovations at Martin Hall
- Campus Wide ADA Study
- Godbey Hall Renovations
- Waterline Repairs
- Economic Development Center
- HVAC System at APCO Building Site

Radford University
Radford, Virginia
- Air Condition Auditorium - McGuffey Hall
- Currie Hall Chiller Replacement
- Dedmon Center - Dehumidifier Replacements
- Heth Hall Renovations
- HVAC Modifications - Porterfield Hall
- Peters Hall Pool

Roanoke College
Salem, Virginia
- Caldwell, Alleghany & Ritter Residence Hall
- First Year Residence Hall Complex

Roanoke County Public Library - Headquarters
Roanoke, Virginia

Southside Virginia Community College
Alberta and Keysville, Virginia
- Renovation of Classrooms and Laboratories at both campuses
- Christianna Campus Maintenance Building

Southwest Virginia Community College
Richlands, Virginia
- Maintenance Building

Thomas Nelson Community College
Richlands, Virginia
- Peninsula Workforce Development Center

Virginia Highlands Community College
Abingdon, Virginia
- HVAC Replenishment at Various Buildings
- Greenhouse

Virginia Western Community College
Roanoke, Virginia
- HVAC Modifications to Humanities Building

Richard L. Williams
PLUMBING DESIGNER

Project Assignment: Plumbing Designer
Years of Experience: 39
Education: Associate of Science - 1972
Mechanical and Architectural Design
New River Community College

Professional Summary

As a Plumbing Designer, I have had many years of experience in the mechanical design field with a concentration in Plumbing and Fire Suppression Design. I approach all designs by looking at how the plumbing system of the building relates to other design disciplines, owners, installers, operators, users and the community outside the building. I am committed to providing my clients with the most economical and energy efficient design available within the set design parameters.

This commitment has been foremost throughout my design of water distribution, storm and sanitary drainage systems, as well as gas distribution systems. In addition to interior plumbing systems, I have worked with our Civil Engineers on many projects including water supply, wells, water storage tanks and pumps, gravity sanitary sewage collection, lift stations, force mains and natural gas distribution.

I enjoy working with the highly skilled OWPR, Team because of the immense dedication of each team member. It is this dedication that makes each client feel like our only client, and each project like our only project.

Select Project Experience:

Bluefield State College
Bluefield, West Virginia
- HVAC/Security Systems
- Elevator Additions - Conley Hall
- Boiler Replacement - Dikason Hall

Dabney S. Lancaster Community College
Clifton Forge, Virginia
- Renovation of Backels Hall
- Renovation of Scott Hall
- Renovation of the Sawmill Building

Mountain Empire Community College
Big Stone Gap, Virginia
- Maintenance Building

New River Community College
Dublin, Virginia
- Computer Services Expansion
- NRV Mall Theater Classroom Conversion Study
- Maintenance Building
- Bookstore Renovations at Martin Hall
- Campus Wide ADA Study
- Godbey Hall Renovations
- Waterline Repairs
- Economic Development Center
- HVAC System at APCO Building Site

Radford University
Radford, Virginia
- Currie Hall Chiller Replacement
- Porterfield Hall Chiller Replacement
- Heth Hall Renovations
- Dedmon Center - Dehumidifier Replacements
- HVAC Modifications - Porterfield Hall
- Air Condition Auditorium - McGuffey Hall

Roanoke County Public Library - Headquarters
Roanoke, Virginia

Roanoke College
Salem, Virginia
- Caldwell, Alleghany & Ritter Residence Hall
- First Year Residence Hall Complex
- Monterey Retreat Center

Southside Virginia Community College
Alberta and Keysville, Virginia
- Renovation of Classrooms and Laboratories at both campuses
- Christianna Campus Maintenance Building

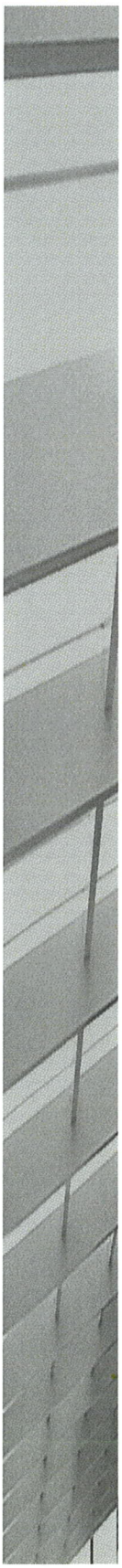
Southwest Virginia Community College
Richlands, Virginia
- Maintenance Building

Thomas Nelson Community College
Richlands, Virginia
- Peninsula Workforce Development Center

Virginia Highlands Community College
Abingdon, Virginia
- HVAC Replenishment at Various Buildings
- Greenhouse

Virginia Western Community College
Roanoke, Virginia
- HVAC Modifications to Humanities Building

Wytheville Community College
Wytheville, Virginia
- Gas Distribution Piping Replacement



Daniel Gibson, PE
ELECTRICAL ENGINEER

Project Assignment: Electrical Engineer
Years of Experience: 7
Education: Bachelor of Science - VA Tech 2004
Active Registrations: Virginia, North Carolina, West Virginia
Certifications: LEED® Accredited Professional

Professional Summary

I bring a diverse mix of experience in commercial, industrial, educational and governmental projects to the design team. This experience allows me to draw from all realms of electrical design to anticipate problems before they occur and to use new design techniques to produce a higher quality product.

As an Electrical Engineer, I feel that a building needs to be sustainable. The building should be beneficial for the client and the environment for the life of the building. I want the client to enjoy the building in 20 years as much, if not more, than he did the first day he walked through the doors. I am also a LEED® (Leadership in Energy & Environmental Design) Accredited Professional. This enables me to assist in the design process of projects that aim to be certified by the U.S. Green Building Council. Using my knowledge of green design enables me to provide a design with a minimal impact on the environment it resides.

Working with the highly skilled team at OWPR, Inc. and seeing each member of the team's dedication to every client is refreshing. It is a drastic contrast from working within a large architecture and engineering firm where every client gets a number. The small firm atmosphere provides for quality care on each project.

Select Project Experience:

Caroline County Public Schools
Caroline County, Virginia
- System Wide School Study

Covington City Public Schools
City of Covington, Virginia
- New Elementary School Site Study

Frederick County Public Schools
Frederick County, Virginia
- PPEA Project - New Transportation Facility

Galax City Public Schools
City of Galax, Virginia
- Galax Elementary School Renovations
- Galax High School Renovations

Giles County Public Schools
Giles County, Virginia
- Eastern Elementary & Middle School Addition & Renovation
- Narrows High School Football Stadium Renovation

Lexington City Public Schools
City of Lexington, Virginia
- Lylburn Downing Middle School Addition & Renovation
- Lylburn Downing Middle School Annex Renovation

Peninsula Workforce Development Center
Hampton, Virginia
- Mechanical Upgrade

Montgomery County Public Schools
Montgomery County, Virginia
- Air Conditioning Upgrade
- Auburn Strand Facilities Study
- Auburn Elementary School Electrical Upgrade
- Blacksburg High School Chiller Replacement
- Technical Education Building Electrical Upgrade

Pulaski County Public Schools
Pulaski County, Virginia
- Riverlawn Elementary School

Radford University
Radford, Virginia
- Heth Hall Renovation

Roanoke College
Salem, Virginia
- Bowman Hall Replacement
- CAR Residence Hall Complex Electrical Study
- Chalmers Hall Service Upgrade
- Elizabeth Campus Tennis Facility
- Lucas Hall Addition & Renovation
- Market St. Residence Hall Complex Addition & Renovation
- Massengil Hall Exterior Stair Replacement

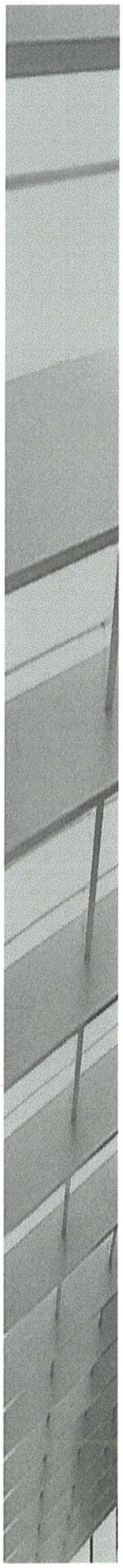
Roanoke County Public Library - Headquarters
Roanoke, Virginia

Russell County Public Schools
Russell County, Virginia
- Belfast Elementary School Renovations
- Copper Creek Elementary School Renovations
- Givens Elementary School Renovations

Tazewell County Public Schools
Tazewell County, Virginia
- Tazewell Elementary School Renovations
- Springville Elementary School Renovations
- Cedar Bluff Elementary School Renovations
- North Tazewell Elementary School Renovations
- Richlands Elementary School Renovations

Virginia Highlands Community College
Abingdon, Virginia
- Greenhouse and Maintenance Building Addition

Wythe County Public Schools
Wythe County, Virginia
- Rural Retreat High School Renovation



Tim Apisa
CONSTRUCTION ADMINISTRATOR

Project Assignment: Construction Contract Administrator
Years of Experience: 15
Education: Bachelor of Finance - Radford University - 1996
Master of Science, Building Construction
Virginia Tech - 2004
Certifications: LEED® Accredited Professional

Professional Summary

As a Construction Contract Administrator my responsibilities consist of conducting on site progress meetings and inspections once a project begins the construction phase. I am also a LEED (Leadership in Energy & Environmental Design) Accredited Professional. This enables me to assist in the design process of projects that aim to be certified by the U.S. Green Building Council.

As a Construction Contract Administrator, I enjoy the many opportunities for personal interaction with our clients and other professionals in the field through site meetings and correspondences. The real satisfaction comes when I can see months of design work come to fruition, from drawings on paper to real bricks and mortar. I also take pride in my attention to detail and meeting the needs of all parties involved in the process. My desire is to achieve the ultimate goal, a well crafted building that serves the clients needs for many years to come.

Select Project Experience:

Dabney S. Lancaster Community College
Clifton Forge, Virginia
- Amphitheatre
- Renovation of Backels Hall
- Renovation of The Sawmill Building
- Renovation of Scott Hall

Covington City Public Schools
Covington, Virginia
- Edgemont Primary School & Jeter-Watson Intermediate School

Galax City Public Schools
Galax, Virginia
- Galax High School Renovation

Giles County Public Schools
Giles County, Virginia
- Eastern Elementary/Middle School Renovations
- Giles High School Football Stadium Renovation
- Giles Vocational Center Addition/Renovations
- Narrows High School Football Stadium Renovation

Lexington City Public Schools
Lexington, Virginia
- Lylburn Downing Middle School Addition & Renovation
- Lylburn Downing Middle School Annex Renovation

Meadowbrook Public Library
Shawsville, Virginia

Mountain Empire Community College
Richlands, Virginia
- Maintenance Building

Pulaski County Public Schools
Pulaski, Virginia
- Riverlawn Elementary School

Radford University
Radford, Virginia
- Renovation of Heth Hall

Roanoke City Public Schools
Roanoke, Virginia
- Monterey Elementary School Upgrade

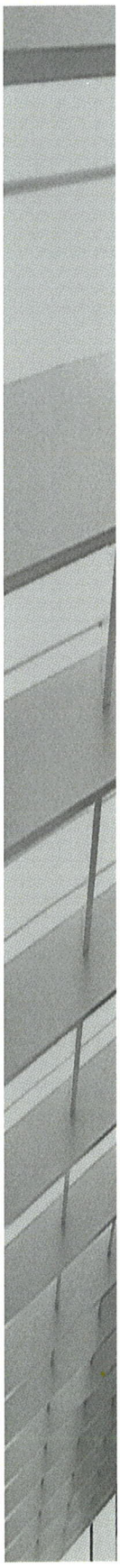
Roanoke College
Salem, Virginia
- Lucas Hall Addition & Renovation
- Massengil Hall Exterior Stair Replacement

Russell County Public Schools
Russell County, Virginia
- Belfast Elementary School Renovations
- Copper Creek Elementary School Renovations
- Givens Elementary School Renovations
- Honaker High School Renovations

Southside Virginia Community College
Alberta and Keysville, Virginia
- Maintenance Building - Keysville, VA
- Renovation of Classrooms and Laboratories

Southwest Virginia Community College
Richlands, Virginia
- Maintenance Building
- Renovation of Classrooms and Laboratories

F. CONSULTANTS



In order to provide the Bluefield Transit System with the highest level of service, OWPR, Inc. does see a benefit in adding CTL Engineering to the team. More information about CTL Engineering can be found on the following pages.

OWPR
ARCHITECTS AND ENGINEERS

CTL ENGINEERING INC

Professional Services

Established 1927

Analytical Chemistry
- Metals
- Organics
- Soil and Water
- Oils and Sludge
- Liquid and Solid Fuels
- Construction Materials
- Solid & Hazardous Wastes

Computer Technology
- Drafting Services
  - AutoCad
  - Digitizing
  - Microstation
- Software Development
  - Internet & Intranet
  - Application Software

Construction Administration
- ODOT LPA Projects
- County & Municipal Projects
- Daily On-Site Inspections
- Owner's Representative

Construction Monitoring
- Floor Flatness
- Soils, Concrete, Asphalt, Masonry, Fireproofing, and Steel
- Earth and Concrete Dams
- Pavement for Streets and Airports
- Pre and Post Construction Inspection
- Embankments, Fill, and Cut

Environmental
- Phase I & II ESAs
- RCRA Closure & Site Remediation
- Asbestos/Lead/Mold Surveys
- Abatement Design/Monitoring
- Wetlands Delineation, Permitting & Mitigation
- Endangered Species/Ecological Surveys
- Stormwater Management
- Water Resource Engineering
- Underground Storage Tank Management per BUSTR
- Hydrogeologic Studies & Aquifer Characterization

Existing Structure Evaluation
- Delamination Determination
- Bridges/Buildings
- Sonic Velocity Testing
- Half Cell Potential Tests

Forensic Science
- Roofing Failures
- Building Failures
- Legal Testimony
- Product Liability Investigations
- Landslide, Soil and Foundation Failures
- Accident Reconstruction

Geotechnical
- Site Selection
- Pavement Design (including CBR Study)
- Foundation Analysis & Design
- Embankment & Earth Dam Analysis
- Slope Stability Analysis
- Subsurface Exploration – Drilling Services

Ground Penetrating Radar
- Concrete Inspection & Evaluation
- Bridge Inspection
- Utility Detection & Mapping

Materials Testing
- Concrete
- Aggregates
- Soils and Rock
- Clay and Masonry Products
- Bituminous Materials
- Petrographic Studies
- Concrete & Asphalt Mix Designs

Metallurgy
- Metallography
- Failure Analysis
- Fracture Analysis
- Corrosion Studies
- Tensile and Hardness
- Application Recommendations

Mining Engineering
- Mine Plan Design
- Permit Preparation
- Refuse Disposal Design
- Mine Reclamation Design
- Environmental Monitoring
- Subsidence Investigations
- Drainage Control Structures

Nondestructive Testing & Inspection
- Level II Services
- Ultrasonic Inspections
- Liquid Penetrant Inspection
- Magnetic Particle Inspection

Pavement Management
- Budgeting
- Prioritization
- Deterioration Rates
- Condition Assessment
- Maintenance & Rehabilitation Strategies
- Network Needs & Long Range Goals

Product Testing
- Calibration
- Design Analysis
- Safety Evaluation
- Hydrostatic Testing
- Mechanical and Physical Property Testing
- Load and Strength Testing

Roofing Engineering
- Infrared & Nuclear Testing
- Quality Control
- Roof Surveys Evaluation
- Design & Construction Administration

Roof Management System
- Budgeting
- Prioritization
- Deterioration Rates
- Condition Assessment
- Maintenance & Rehabilitation Strategies
- Network Needs & Long Range Goals

Security & Safety Systems
- Design
- Construction
- Paging Systems
- Video Surveillance
- Intrusion Detection
- Card Access Control
- Audio Visual Solutions
- Digital Video Recording

Site/Civil Engineering
- Commercial Land Development
- Infrastructure Planning
- Residential/Community Planning

Surveying & Mapping
- Topographic Mapping Development
- Property Surveying & Boundary Determination
- Global Positioning System

Telecommunication Services
- Design
- Construction
- Existing Structure Analysis and Maintenance
- Lighting Systems
- Inventory and Warehousing

Welding & Quality Control
- QA/QC Programs
- Certified Welding Inspection
- Welding/Brazing Qualification
- Procedure Development

OFFICES:

2860 Fisher Road
Columbus, OH 43204
Phone: (614) 276-8123
Fax: (614) 276-6377

3085 Interstate Parkway
Brunswick, OH 44212
Phone: (330) 220-8900
Fax: (330) 220-8944

102 Commerce Dr.
Wapakoneta, OH 45895
Phone: (419) 738-1447
Fax: (419) 738-7670

633 High Street
Minford, OH 45653
Phone: (740) 820-8355
Fax: (740) 820-5698

2105 Schappelle Lane
Cincinnati, OH 45240
Phone: (513) 722-8665
Fax: (513) 722-8669

4343 Saguaro Trail
Indianapolis, IN 46268
Phone: (317) 295-8650
Fax: (317) 295-8395

3902 New Vision Drive
Fort Wayne, IN 46845
Phone: (260) 482-4503
Fax: (260) 482-2002

733 Fairmont Road
Morgantown, WV 26501
Phone: (304) 292-1135
Fax: (304) 296-9302

510 C Street
So. Charleston, WV 25303
Phone: (304) 746-1140
Fax: (304) 746-1143

Sachina Engineering
407 "B" Block
SNS Arcade, Airport Rd
Bangalore, India 560017
011-91-80-526-8615

www.ctleng.com

PROJECT EXPERIENCE PROFILE

Project:
Star City Plaza

Owner:
BOJAN, L.L.C.

Location:
Morgantown, West Virginia

PROJECT FEATURES

This project for CTL Engineering of West Virginia, Inc. would be considered a "turn-key" effort. Services for this project involved most of the initial elements of development, such as the preliminary and final surveying and mapping for the area and coordination with local utility groups to provide the necessary services to the site. Other services provided included geotechnical investigations, civil site planning and design, coordination and planning with the WV Department of Transportation-Division of Highways for accesses to State Route 7 and U.S. Route 19, design of the sanitary collection system, sewage treatment plant facility, erosion and sediment control plans and the storm water management system. CTL also performed construction stake-out and observation services for the project during the construction phase of development.

Star City Plaza consists of several independent commercial establishments, namely Sheetz convenience store and McDonald's restaurant, with plans of several hotel chain groups looking to occupy the other section of the site.

Client Reference:
BOJAN, LLC
Mr. John Lynch
(304)599-2244

CTL ENGINEERING

PROJECT EXPERIENCE PROFILE

Project:
Centra Bank Facilities (New)

Owner:
Centra Bank of Morgantown

Location:
Morgantown, West Virginia

PROJECT FEATURES

CTL Engineering of West Virginia, Inc. provided a variety of services for the Centra Group of Morgantown, West Virginia at two different locations in the Morgantown area. Professional services including surveying, civil site design, inspections and materials testing, geotechnical investigations, and foundations recommendations were provided at both locations. The facility at the Glenmark Centre Complex required a special grout stabilization plan and investigation study to bring the site to build-ready conditions due to underground mining activities prevalent in the area. Both facilities involve full banking amenities associated with a standard branch bank complex (i.e. access road, building structure, parking lot and drive-thru lanes.)

Client Reference:
Centra Bank
Mr. Douglas Leach
(304) 598-2000

CTL Fees:
$30,000.00

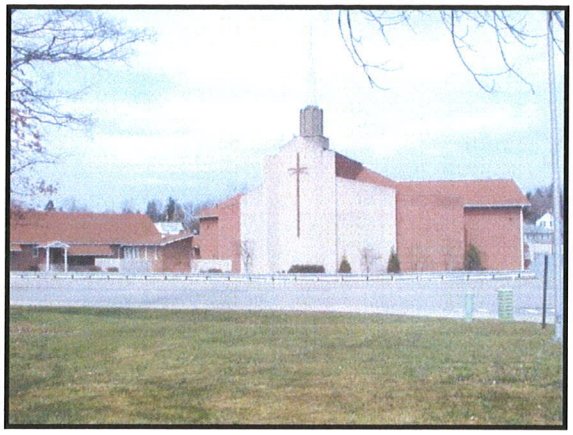
Project Completion:
August, 2003

PROJECT EXPERIENCE PROFILE

Project:
Stream Crossing Design

Owner:
Christian Missionary Alliance Church

Location:
Morgantown, West Virginia



PROJECT FEATURES

CTL Engineering, Inc. prepared the design and hydrology calculations for the installation of a box culvert on Poponoe Run. CTL calculated the flow rate and determined the culvert size to ensure that the culvert would pass a 100 year storm event, without any possibility of flooding the building on the property located at a lower elevation. Upon completion of the design, CTL provided construction drawings for the installation of the proposed culvert.

Client: Christian Missionary Alliance Church

Project Completion:
Fall 2002

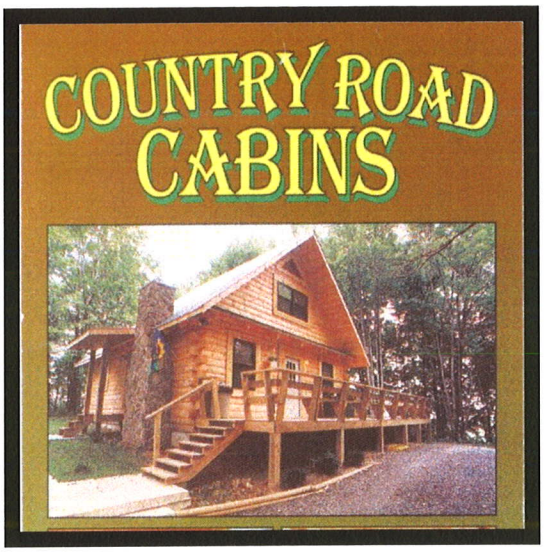
CTL ENGINEERING

PROJECT EXPERIENCE PROFILE

Project:
Country Road Cabins /
Recreational Complex

Client:
Country Road Cabins, LLC

Location:
Hico, WV



PROJECT SUMMARY

CTL Engineering of WV, Inc. provided the master conceptual and design plans for the Country Road Cabins recreational complex. Conceptual design items included access roads, cabin layout, water features which included two lake structures, walking and biking trails, location of the main recreational center and other related amenities. Also included in the conceptual design was a preliminary layout for a residential community which incorporated one of the proposed lake features.

This project incorporated such services as: aerial photography and mapping, surveying, infrastructure and utility planning layout, civil site design and planning, construction layout and construction monitoring.

Country Road Cabins is located in the heart of whitewater rafting country near the town of Fayetteville, WV.

Client Reference:
Paul Breuer, Owner
(304) 658-5266

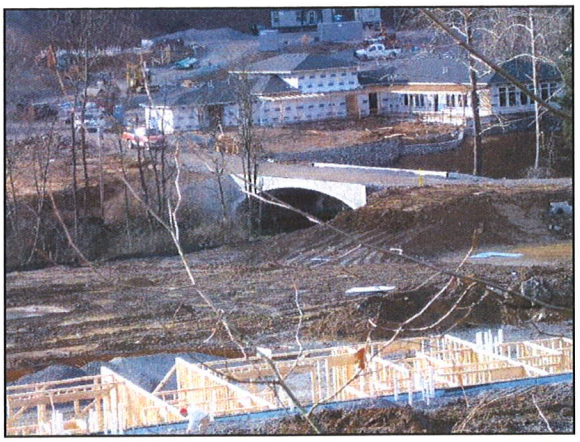
CTL ENGINEERING

PROJECT EXPERIENCE PROFILE

Project:
"The District"
VanVoorhis Drive/
Student Apartment Complex

Owner:
EA Morgantown, LLC

Location:
Morgantown, West Virginia



PROJECT FEATURES

This project is a 30-acre development for student housing that consists of 20 apartment buildings, a clubhouse with a pool and a walking trail.

CTL Engineering, Inc. was responsible for permitting, including the following: Erosion and Sediment Control Permit; Highway Access Permit; Temporary Stream Crossing Permit; Right of Access and License Agreement for Temporary Culverts and Permanent Stream Crossing; 100 Year Flood Study for the Monongalia County Floodplain Development Permit; 401 Water Quality Certification; and the Section 404 Permit.

CTL also performed the Geotechnical Investigation and prepared the design for conceptual and final plans, road layout, and bridge location. CTL was also responsible for the design of a turning lane in accordance with West Virginia Department of Highways requirements, grading plans, retaining wall location, storm water systems and storm water detention.

CTL ENGINEERING INC

PROJECT EXPERIENCE PROFILE

Project:
The Maple Ogden Revitalization Project

Client:
Fairmont Community Development Partnership

Location:
Fairmont, West Virginia

"Making Progress for Marion County"

PROJECT FEATURES

CTL Engineering of WV, Inc. has been instrumental in providing general consulting and surveying services to the "Partnership" for the Maple Ogden Revitalization Project located in Fairmont, West Virginia. CTL has been involved in the preliminary stages of this project which includes making infrastructure improvements consisting of replacing failing retaining walls, replacement of deteriorated sidewalks and curbs, replacement of pedestrian stairs, installation of new lighting and installation some new signage.

This project, known as "Phase II," is just one of many to follow. Fairmont Community Development Partnership has future plans for other areas of the city, which qualify for this program.

Client Reference:
Charles Fawcett and
Bob Gribben
(304) 366-7600

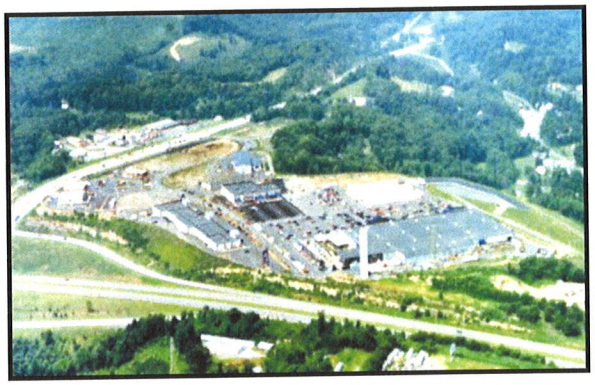
CTL ENGINEERING

PROJECT EXPERIENCE PROFILE

Project:
Glenmark Centre

Owner:
Glenmark Limited Holdings LLC

Location:
Morgantown, West Virginia



PROJECT FEATURES

CTL Engineering of West Virginia, Inc. provided geotechnical engineering, civil site design, "site specific" storm water management, "ALTA" surveys, construction stake-out and observation, and sanitary treatment facilities for this ten (10) plus acre plaza. CTL also performed a limited Phase I - Environmental Site Assessment.

Glenmark Plaza consists of various restaurants, hotels chains, and retail outlets including: Lowes, Bob Evans, Outback Steakhouse, Ruby Tuesday's, Holiday Inn Express, Super 8, Wendy's, and Shop 'N Save.

Client Reference:
Mr. Fred Bierer
Glenmark
(304)-599-0395

Project Completion:
Fall 2001

CTL ENGINEERING INC

PROJECT EXPERIENCE PROFILE

Project:
McHenry Fire Hall and
EMS Facility

Client:
Karen F. Meyers, Developer

Location:
McHenry, Maryland

PROJECT FEATURES

CTL Engineering, Inc. provided surveying, DOH Entrance permitting, storm water and sedimentation permitting and erosion control permitting, and civil site design services to Karen F. Meyers. CTL generated a property survey with 2 ft. contours for the 6 acre Fire Hall and EMS facility site. CTL completed the necessary permitting for the Maryland Department of Highways entrance requirements, storm water, sedimentation, and erosion control. CTL also completed the grading plan and the civil site design for the new fire hall.

Client Reference:
Karen F. Meyers
212 Marsh Hill Road
McHenry, MD 21541

Ms. Karen Meyers
(301) 616-9162

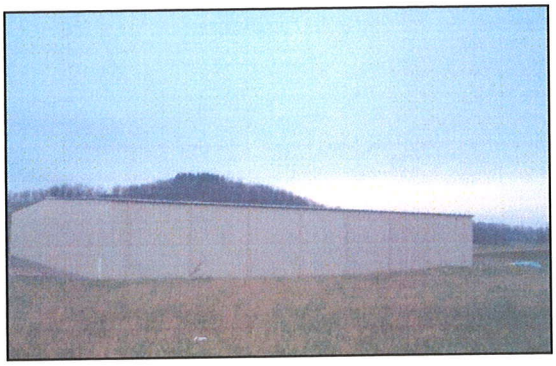
CTL ENGINEERING INC

PROJECT EXPERIENCE PROFILE

Project:
Chaplin Hill Business Park
Morgantown, West Virginia

Owner:
Monongalia County Economic
Development Authority

Location:
Morgantown, West Virginia



PROJECT FEATURES

CTL Engineering, Inc. provided complete design and engineering services to the MCEDA for the Development of a 75-acre Light Industrial Park. CTL provided conceptual and final design layout for 10 – 5 AC+ building site including utilities, stormwater and sewerage collection systems, Grant Application assistance, construction management, and quality control construction observation. The Park currently has a Spec Building and a 10-Acre existing industrial tenant. The park will eventually provide some 500 + jobs in light commercial and industrial buildings.

Client Reference:
MCEDA
Donald Reinke
(304) 296-668

CTL ENGINEERING

PROJECT EXPERIENCE PROFILE

Project:
Office Depot and
Suburban Lanes Plaza

Owner:
Steve Lorenze

Location:
Morgantown, West Virginia

PROJECT FEATURES

CTL Engineering, Inc. provided services for this project involving most of the initial elements of development, such as the preliminary and final surveying and mapping for the area and coordination with local utility groups to provide the necessary services to the site. Other services provided included geotechnical investigations, civil site planning and design, coordination and planning with the WV Department of Transportation-Division of Highways for access, design erosion and sediment control structures and the storm water management system. CTL also performed construction stake-out and observation services for the project during the construction phase of development.

Suburban Lanes Plaza consists of several independent commercial establishments, namely Suburban Lanes, Wings Ole', Office Depot and strip center that occupies the other section of the site.

Client:
Office Depot and
Steve Lorenze
Project Completion:
1996

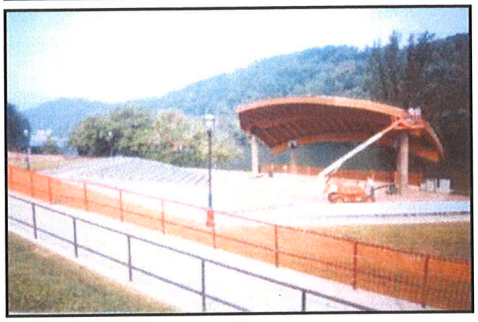
CTL ENGINEERING INC

PROJECT EXPERIENCE PROFILE

Project:
Hazel Ruby McQuain Riverfront Park
Amphitheatre and Restrooms

Client:
Various

Location:
Morgantown, West Virginia



PROJECT FEATURES

CTL Engineering provided a wide range of services for this project. The project was a joint effort between the City of Morgantown and local developers to redevelop an old commercial and industrial area along the Monongahela River. The project included renovating or demolishing old buildings, construction of new buildings, design and construction of new roads and parking areas and maintaining/creating green space. CTL Engineering worked for both the developer and the City on this project. The services CTL Engineering provided to the developer include: Phase I and Phase II Environmental Site Assessments on several of the properties, asbestos and lead based paint testing, surveying and construction observation and testing. The services CTL Engineering provided to the city include: design, plan and specification document preparation, and contract administration for the redesign and construction of Wharf Street, parking spaces and sidewalks.

Client Reference:
Morgantown Parking Authority
380 Spruce Street
Morgantown, WV 26505
Mr. Tom Arnold

CTL ENGINEERING INC

PROJECT EXPERIENCE PROFILE

PROJECT:
Blanchette Rockefeller Neurosciences Institute

West Virginia University Hospitals

CLIENT:
Shepley, Bulfinch, Richardson & Abbott

LOCATION:
Morgantown, West Virginia

PROJECT FEATURES

CTL Engineering of West Virginia Inc. provided Civil Site Design services for the new WVU Hospitals Blanchette Rockefeller Neurosciences Institute. These services included Site Plans, Site Layout and Grading Plans, Drainage and Stormwater Management Plans, Sanitary Waste Disposal Plan, Erosion and Sedimentation Control Plans, Foundation Drainage Plans, Roadway and Parking Lot Plans, Site Utility Plans, and Site Design Specifications. CTL also performed Geotechnical and Construction Observation Services. Located at the Robert C. Byrd Health Sciences Center, the $30 million facility will provide visionary research in the neuroscience field.

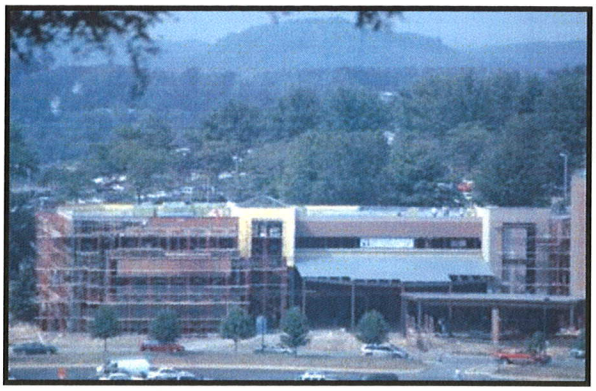
Project Reference:
Mr. Bob Carubia
WVU Planning, Design & Construction
(304)-598-4125

Project Construction Costs: $30 million

Project Completion:
2008

CTL ENGINEERING

PROJECT EXPERIENCE PROFILE



Project:
West Virginia University
Eye Institute

Owner:
West Virginia University Hospitals

Location:
Morgantown, West Virginia

PROJECT FEATURES

CTL Engineering of West Virginia Inc. provided Surveying and Civil Site Design services for the building columns, corners, caissons and the soil nail retention wall for the new WVU Eye Institute. CTL also performed Geotechnical and Construction Observation Services. The WVU Eye Institute is located next to the Physician's Office Center (POC) at the Robert C. Byrd Health Sciences Center, the $5 million facility houses clinics for patient care, diagnostic testing, and laser treatments, as well as laboratories and offices.

Client Reference:
Mr. Bob Carubia
WVU Planning, Design & Construction
(304)-598-4125

CTL Fees:
$25,000.00

Project Completion:
2002

CTL ENGINEERING INC

DAVID E. MOORE, P.E. *Branch Manager*

Expertise

Mr. Moore has thirty three years experience in design and construction in the fields of planning, civil engineering, structural engineering, geotechnical engineering, general contracting, expert testimony, land development, surveying, landscape architecture, project management, business management, construction and engineering management.

Presently Mr. Moore manages the CTL Engineering South Charleston WV office. This office performs consulting engineering in the fields of civil engineering, mining engineering, environmental engineering, geotechnical engineering and construction testing.

Work History

2009 – Present, Civil Dept. Manager and Branch Manager, CTL Engineering, S. Charleston WV
1999 – 2009, Owner, Alliance Consulting Engineers & Surveyors, Arvada & Longmont, CO
1991 – 1999, Vice President, Jehn Engineering, Arvada, Colorado
1986 – 1991, Associate, KCI Technologies, Westminster, Maryland
1983 – 1986, Vice President, Haese Corporation, Boulder, Colorado
1981 – 1983, Research Assistant, University Of Colorado, Boulder, Colorado
1976 – 1981, Civil Construction Engineer, Fluor-Daniel Inc., Irvine, California

Education

M.S., Civil Engineering, Colorado University, Boulder, CO, 1984
B.S., Civil Engineering, West Virginia University Institute of Technology, Montgomery, WV, 1978

Professional Registration

Registered Professional Engineer: Maryland; Nevada; West Virginia; Wyoming; Colorado; Alberta Canada; Kentucky; Ohio; Virginia; and NCEES No. 30791. LSI: Colorado.

Professional Affiliations

American Society of Civil Engineers
American Institute of Architects
Home Builders Association
Society of American Military Engineers

Publications

Mr. Moore published "Union and Non Union Construction in Colorado" in 1984 a Master's Thesis commissioned by the Associated General Contractors of Colorado.

Project Experience

<u>Gas Projects</u>

- Chevron Carter Creek Gas Project, Evanston, Wyoming (500 million dollar project)
- Ridgeview Estates Oil and Gas Layout, Design and Surface Agreements, Adams County, CO

- Massey Farms Oil and Gas Layouts and Surface Agreements, Weld County, Colorado

Residential Subdivisions
- VEPCO Bath County Worker Housing (Design Build), Bath County, Virginia
- Chevron Carter Creek Worker Housing (Design Build), Evanston, Wyoming
- Heritage Heights Single Family Subdivision, Westminster, Maryland
- Hewitt Farms Single Family Subdivision, Baltimore, Maryland
- Clearview Single Family Subdivision, Johnstown, Colorado
- Candlelight Ridge Single Family Subdivision (Design Build), Erie, Colorado

Senior Housing
- Golden Pond Apartments, Assisted Living and Alzheimer's Facility, Golden, Colorado
- Highland Trail Retirement, Broomfield, Colorado
- Arvada Estates Retirement, Arvada, Colorado
- Orchard Gardens Senior Facility, Arvada
- Oberon House Assisted Living Facility, Arvada, Colorado

Commercial Sites
- Koon's Toyota Car Sales Facility, Westminster, Maryland
- Empire Lakewood Nissan, Lakewood, Colorado
- Remax Alliance Office Building, Westminster, Colorado
- Comfort Inn Suites, Longmont, Colorado
- Eagle National Bank, Broomfield, Colorado
- Columbine Professional Plaza, Arvada, Colorado

Golf Courses
- Flatirons Pro Shop at Flatirons Golf Course, Boulder Colorado
- 18 Hole West Woods Golf Course, Arvada, Colorado
- 9 Hole West Woods Golf Course Addition, Arvada, Colorado

Water Resources and Drainage Projects
- Ralston Creek/Croke Canal Overpass, Arvada, Colorado
- Farmers Highline Canal Realignment, Arvada, Colorado
- Church Ditch Flow Limiter, Arvada, Colorado
- Ralston Creek LOMAR, Arvada, Colorado
- Drainage Reports, Plans and Storm Drain Designs on all projects.

Water and Sewer Distribution Projects
- International Fiber Water Main Extension, Nitro West Virginia
- Ralston Creek Water and Sewer Main Extensions, Arvada, Colorado
- Clearview Sewer Main Extension, Johnstown, Colorado
- Tucker Lake Water Intake and Pipeline, Jefferson County, Colorado
- Ralston Reservoir 20" Water Main, Arvada, CO

Landscape Architecture
- Ralston Creek Trail Design, Arvada, Colorado
- Melody Farms/Candlelight Ridge Regional Park (Design Build), Erie Colorado
- Boulder County Trail System, Boulder County, Colorado
- Jefferson County Trail Access and Parking Lot, Westminster, Colorado

- Ryan Ranch Trail System and Landscaping (Design Build), Jefferson County, Colorado

State Highway Road Design
- 2 Miles of US Route 60, Johnstown, Colorado
- One Mile of US Route 119, Black Hawk, Colorado
- Highway 52, Boulder County, Colorado
- US 119 Road Improvements, Longmont, Colorado

Land Development
- Owner Developer of Ridgeview Estates, Adams County Colorado
- Owner Developer of Moore Estates, Jefferson County Colorado
- Owner Developer of Candlelight Estates, Erie, Colorado

Structural Engineering
- Sheridan College Dormitories and Community Buildings, Sheridan Wyoming
- Quaker Street and Ralston Creek Bridge (Design Build), Arvada, Colorado
- Platte Canyon Road Box Culvert (Design Build), Littleton Colorado
- Powerhouse Unloading Bay Superstructure, Warm Springs, Virginia
- 108th Commercial Office Building, Westminster, Colorado
- Colorado Horse Rescue Offices, Barn and Riding Arena (Design Build), Boulder County, Colorado
- Ryan Ranch Retaining Wall Design and Build, Jefferson County, Colorado
- General Residential Foundation Design and Inspections
- Structural Inspections and Reports

Utility Projects and Pump Stations
- Hillandale Well, Water Tank and Distribution System (Design Build), Finksburg, Maryland
- Hillandale Sewer Pump Station and Wastewater Treatment (Design Build), Finksburg, Maryland
- West Woods Golf Course Non Potable Water Pump Station/Distribution System, Arvada, CO
- City of Arvada Church Ditch/Arvada Reservoir Potable Water Pump Station, Arvada, Colorado
- Town of Johnstown Regional Sewerage Pump Station, Johnstown, Colorado

Mining Projects
- Williams Mine AML Coal Reclamation Project, Enterprise, West Virginia
- Williams 2 Surface Mine, Enterprise, WV
- Owl Creek Surface Mine, Monongahela County, WV
- Mays Run Surface Mine, Monongahela County, WV
- Limestone, Aggregate and Sand Quarry, Warm Springs, VA
- Aggregate and Concrete Plant Engineer, Bath County, Virginia

Environmental Projects
- Burke Parsons Bowlby Monitoring Well/Environmental Testing, Spencer, WV
- International Fiber Storm Water and Ground Water Protection, Nitro, West Virginia
- Sigman Industrial Park Environmental Clean-up, Arvada, Colorado
- AutoZone Site Remediation, Westminster, Colorado

Power Projects
- Bath County Pumped Storage Hydroelectric Project, Bath County, Virginia
- Wolf Creek Nuclear Power Project, Coffey County, Kansas

DAVID E. MOORE, P.E. ***Branch Manager***

General Contracting

- City of Federal Heights Municipal Building, Federal Heights, Colorado
- Mesa Village Subdivision, Louisville, Colorado
- Christian Science Reading Room, Pearl Street Mall, Boulder, Colorado
- Sunrise Apartments, Scottsdale, Arizona
- Flatirons Golf Course Pro Shop, Boulder Colorado

Geotechnical Projects

- WVDOH South Mineral Wells Bridge, Parkersburg WV
- Cornwell Residence Landslide, Huntington WV
- WV BRIM Mine Subsidence Projects, South Charleston, WV

GREGORY L. FOREMAN, P.E. *Civil Site Design, Project Manager*

Expertise

As a Project Manager for CTL Engineering of West Virginia Inc., Mr. Foreman is responsible for development of construction plans and specifications, and supervising project staff. He is also responsible for preparing reports, project management, client contact, construction estimating, proposals and invoicing for Civil Site Design Projects. Mr. Foreman's experience also includes surveying, field supervision of inspectors and surveyors, site development, sanitary sewer design, water distribution design, utility planning, and computer aided drafting. In addition, Mr. Foreman is a registered Professional Engineer in the State of West Virginia with over 19 years experience in general civil engineering and utility design.

Education

BSET (Civil) - Fairmont State College, Fairmont, West Virginia 1989

Professional Registration

Professional Engineer: West Virginia, 1999, #14165

Project Experience

Development and Utility

- Canterbury Woods Development, Fairmont, West Virginia
- Gray Cliff Development, Morgantown, West Virginia
- Mountain State Blue Cross Blue Shield, Parkersburg, West Virginia
- Buffalo Wild Wings, Bridgeport, West Virginia
- Monte Vista, The Woods Resort, Berkley County, West Virginia
- Allegheny Energy, Albright Power Station, Preston County, West Virginia
- Morgantown Courtyard Apartments, Morgantown, West Virginia
- Woodbury Towns, Bridgeport, West Virginia
- Ray Dental Office, Fairmont, West Virginia
- South Hills Farms Subdivision, Bridgeport, West Virginia
- Timber Valley, Fairmont, West Virginia
- Crest View Acres, Taylor County, West Virginia
- Auburn Woods, Bridgeport, West Virginia

Sanitary Sewer and Storm Water

- City of Westover, Dents Run Sanitary Sewer Improvements, Westover, West Virginia
- City of Fairmont, Sanitary Sewer Improvements, Fairmont, West Virginia
- City of Shinnston, Waste Water Improvement Project, Shinnston, West Virginia
- Dominion Transmission, Oakford Compressor Station, Sanitary Sewer Extension Project, Delmont, Pennsylvania

GREGORY L. FOREMAN, P.E. ***Civil Site Design, Project Manager***

Municipal and Utility

- Huffman Industrial Park, Bridgeport, West Virginia
- City of Shinnston, Water System Improvement Project, Shinnston, West Virginia
- Clarksburg Water Board, Clarksburg, West Virginia
- Clarksburg Waterline Extension for F.B.I. Facility, Bridgeport, West Virginia
- Century Volga Public Service District, Philippi, West Virginia
- Wetzel County Public Service District, Wetzel County, West Virginia
- Gilmer County Public Service District, Gilmer County, West Virginia

PATRICK E. GALLAGHER, P.E., C.P.G.S. *President*

Expertise

Mr. Gallagher serves as President of CTL Engineering of West Virginia, Inc. Projects successfully completed under Mr. Gallagher's direction include: Civil Site Design, Foundation Design, Storm Water Management, Waste Water Design, Roadway design, Parking Lot Design, Geotechnical Investigations & Design,Site Stability Analyses, Mine Subsidence Evaluations, Failure Investigations and Environmental Investigations and Permitting.

Prior to joining CTL Engineering, Mr. Gallagher was the chief of the Abandoned Mine Reclamation Program for the State of Maryland, Department of Natural Resources, and Bureau of Mines. In addition, he was also responsible for overall engineering/geologic support to the Maryland Bureau of Mines Program.

Education

B.S., Civil Engineering
Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 1975
B.S., Equivalent, Geology
Virginia Polytechnic Institute and State University, Blacksburg, Virginia, 1975

Professional Registration / Certifications

Registered Professional Engineer
Ohio, # 48459; Maryland, # 13256; West Virginia, # 9297; Pennsylvania, # PE-044930-R; Wyoming, # 11033; North Carolina, # 0 32503; Kentucky, # 24988

Certified Professional Geological Scientist, # 6575
Professional Surveyor, WV
Adjunct Professor – Civil Engineering – Fairmont State College 2001 – 2002

Professional Affiliations

American Society of Civil Engineers
Society of Mining Engineers, of A.I.M.E.
Triangle Fraternity of Engineers, Architects, and Scientists
International Society for Soil Mechanics and Foundation Engineers
American Institute of Professional Geologists

30 Years Experience with CTL Engineering, Inc.

Project Experience:

Chaplin Hill Business Park, Morgantown, West Virginia
Responsible for site conceptual design, hydrology, storm water management, grant preparation, supervision during bidding phase, construction management, and final grant approval.

CTL ENGINEERING INC

PATRICK E. GALLAGHER, P.E., C.P.G.S. ***President***

Blanchette Rockefeller Neuroscience Building, WVU Hospitals, Morgantown, WV
Project included Site Plan, Site Grading, Utility Coordination, Sedimentation & Erosion Control, Bid Documents & Pre-Bid Conference. Design required close tie to existing facilities and utilities. Coordination between WVU Hospitals and architect to meet site needs and limit day to day disruptions from construction and traffic.

Suncrest Executive Plaza
Under Phase 1 of this five-story office complex project, CTL provided the following services: surveying, geotechnical and civil site design. The civil site design included sedimentation and erosion control plans and permits, storm water management design utilizing 1,600 feet of 48' GCMP for storage, grading plans, utility coordination and WV DOH entrance permits for turning lane access to the site. CTL also provided construction drawings for the project. CTL is currently involved in Phase 2 of this project involving addition office building and is providing similar services as Phase 1

Glenmark Center, Shopping Plaza, Morgantown, West Virginia
CTL provided geotechnical engineering, Phase 1 environmental assessment, civil site design, "site specific" storm water management, surveying, sanitary treatment facilities for this ten plus acre plaza.

E A Development, The District, Student Housing, Morgantown, WV
This is a 30 ace development including 20 apartment buildings, clubhouse. CTL provided geotechnical investigations, conceptual and final plans, road layout, brige location, DOH permit and design for access, grading plans, retaining wall design, storm water systems and detention. CTL was responsible for permitting, including: Sediment & Erosin Control, DOH Highway Access, Stream Crossing Permit, Right of Access and License Agreement for temporary and permanent culverts and stream crossing, 100 year Flood Study for Monongalia County Development Permit, 401 Water Quality Certification and the Section 404 Permit.

Cheat Lake Waste Water Treatment Plant Expansion, Morgantown, WV
Project Manager responsible for providing oversight and recommendations for this project. The project included increasing the capacity from 250,000 gallons/day to 750,000 gallons/day.

Chaplin Hill Sewer and Water System Expansion, Morgantown, WV
Project Manager responsible for overseeing quality assurance for corrosion protection, utility trenching, line expansion and construction methods for this project.

WVU Hospitals, Morgantown, WV
CTL provided geotechnical, surveying and civil site design support services in conjunction with WVDOH and WVU for a new access road and parking area design for surrounding hospital area.

WVU Wise Library
Project Manager/Engineer providing geotechnical oversight of investigations for the building foundation systems on the construction of a new six (6) story library, which included the design of an extensive tie-back/soldier pile wall system.

WVU Life Sciences Building
Project Manager/Engineer providing geotechnical oversight of the drilling and investigations and recommendations needed for the construction of the Life Sciences Building.

WVU Eye Institute
Project Manager/Engineer providing geotechnical oversight for the geotechnical investigations and foundation recommendations performed for this $5 M dollar patient care facility.

Physicians Office Center, WVU Hospital
Project Engineer responsible for the oversight of the geotechnical drilling and site investigations for this project.

Publications

"Dynamic Compaction of Surface Mine Spoils to Limit Settlements Within Commercial Developments", Presented Patrick E. Gallagher and C.K. Satyapriya, Constructing and Controlling Compaction of Earth Fills, ASTM Seattle, Washington July 1-3 1999

"Mine Subsidence Stabilization In Steeply Dipping Seams In The Canadian Rockies. A Project Overview" Presented by Patrick E. Gallagher at the 19th Annual Conference of the Association of Abandoned Mine Land Programs Canaan Valley, WV August 17-20 1997

KATHLEEN J. O'BRIEN **Biologist/Civil Site Designer**

Expertise & Work history

2004 – Present Civil Site Designer, CTL Engineering of WV, Inc.

1998 – 2001 Environmental Engineer R & K Enterprises

1978–1989 Environmental Technician Consolidation Coal Company, Northern W. Va. Region

1989-1996 Land Agent, Consolidation Coal Company, Northern W. Va. Region

Ms. O'Brien serves as a Civil Site Designer for the CTL Engineering civil department in the Morgantown, WV office. She handles the design and permitting of drinking water and sewage collection and treatment systems. She is involved with site design, erosion and sedimentation permitting storm water permitting, WVDOT permitting, specification writing, project costing and bid package preparation.

Education

B.S. Biology
Fairmont State College, Fairmont, West Virginia, 1975

A.S. Drafting and Design
Fairmont State College, Fairmont, West Virginia, 2004

Professional Registration / Certifications

S-1 Sewage Operator Certificate

Chief Class II Drinking Water Operator from 1980 to 1989 for 11 non-community systems

Computer Aided Drafting Skill Certificate from Fairmont State College, 2004

Listing of Ms. O'Brien's relevant project experience includes:

City Water Line Extensions, Monongalia, Marion & Harrison counties

Ms. O'Brien was in charge of city water line extensions for Consolidation Coal Company in numerous areas affected by mine subsidence. She obtained DOH Utility permits, worked with rural Public Service Districts and was the designer and project manager for the construction of miles of city water line extensions.

City Water Line Extension Brewer Hill, Daybrook, West Virginia

Ms. O'Brien designed and permitted the city water line extension up Brewer Hill, the system involved a storage tank and booster station.

City Water Surging Systems, Blacksville #1 Mine, Blacksville # 2 Mine and Well's Portal of the Arkwright # 1 Mine.

Ms. O'Brien designed, permitted and was the project manager for construction of city water surging systems for mine bathhouses. The city water lines in those areas could not handle the demand of the bathhouses during shift change. The systems installed involved pulling water from the lines during times other than shift change and storing it in tanks that could gravity feed the bathhouses during shift change.

Drinking Water Plant Operator for the Dent's Run Mine, the Jones Run Portal of the Robinson Run Mine, the Miracle Run Portal of the Loveridge Mine.

Ms. O'Brien was the project manager for the installation of the above mentioned plants. Once installed she operated and maintained said plants.

Sugar Run Portal / Loveridge Preparation Plant Drinking Water Plant, Fairview, W. Va.

Ms. O'Brien designed and permitted the 100 GPM drinking water plant, potable storage tank and related facilities.

Ashton Estates Final Phase

Ms O'Brien designed and permitted the up-grade of the Ashton Sewage Plant from 37,500 GPD to 91,000 GPD with the addition of an equalization chamber. The project included the design and permitting of the final phase of the subdivision collection system.

Canyon Mobile Home Park Sewage Plant Up-grade

Ms O'Brien designed and permitted the project adding two new sand filters, sludge holding and an equalization chamber.

WVU Area 81 Ponds & Parking Lot Improvements, Area 85 Lower East Parking Lot Construction Project.

Ms O'Brien drafted the Area 81 improvements, prepared the bidding documents and project specifications, conducted the Pre-Bid Meeting, and assisted with the construction supervision.

Maple/Ogden Avenue Gateway Revitalization Project for the City of Fairmont, WV

Ms. O'Brien designed the retaining walls and prepared the construction drawings, bid documents, specifications and conducted the Pre-Bid meeting. This project is currently under construction and Ms O'Brien is providing construction support.

General Engineering Services for the City of Westover
Ms O'Brien applied for a Small City Block Grant for Westover to deal with I & I issues that are costing the city thousand of dollars in treatment cost. The grant was denied because the city refused to raise sewer rates to qualify.
Ms. O'Brien has reviewed and commented on sanitary projects proposed for the city.
Pleasant Hills Main Line Extension
New Rite Aid Site Sanitary Main Line Upgrade
Corwin Estates Main Line Extension
Microtel Main Line Extension
Ridge Point Main Line Extension

Dent' Run Sanitary Upgrade Project for the City of Westover
Ms. O'Brien handled the design, permitting, bidding and construction of Phase I of the Dent's Run Force Main Project that alleviated the dumping of untreated sewage from the manhole at the end of Pennsylvania Avenue and from the CSO manhole on Pennsylvania Avenue.
Ms O'Brien completed the design and permitting of the second phase of this project and was issued a Permit to construct. The second phase extended the force main under a railroad trestle and State Route 100 to connect the force main to pump Station # 1.

Braden Place Subdivision for Vision Homes
Ms. O'Brien finalized the lot layout for 20- 1-acre lots, designed and permitted the storm water plan, prepared the grading, utility layout and subdivision plat.

Zachery Place Subdivision for Vision Homes
Ms. O'Brien design the layout for 12-patio home lots, designed and permitted the storm water plan, prepared the grading, utility layout and subdivision plat.

Valley Elementary School, Arthurdale, WV Sewage plant Upgrade (12,000 GPD)
Ms. O'Brien designed, permitted and handled the construction supervision of the system Upgrade. This upgrade incorporated an up-flow gravity tertiary filter, the first approved for use in this state, the addition of an equalization chamber, a re-circulation chamber and a new chlorine contact chamber. Construction of the plant modifications is complete. The plant is being enclosed in a 20' by 70'pole building. Ms. O'Brien designed the building, prepared the bid documents and handled bidding process and supervised the construction.

Grey Cliff Development Sewage Plant
Preliminary research is being done on the replacement of the current sewage plant, which was recently put back into service after the mobile home park it served was removed and new

development was permitted. The future plans will include the addition of two sewage plants that will be phased in for a final total of 95,000 GPD. The site is very steep and will require the benching of units.

Harvest Ridge Sewage Project-Phase 1
Ms. O'Brien designed, and permitted the first phase (50,000 GPD) of the waste water treatment facility and collection system to serve two developments. The plant can be expanded to 150,000 GPD as the developments sell lots. The construction of the first phase of this project is nearly complete.

Abandoned Mine Lands and Reclamation Projects
Ms. O'Brien has been writing specifications and preparing engineering cost estimates for various abandoned mine lands and reclamation projects for the West Virginia Department of Environmental Protection. These projects include coal refuse pile stabilization, coal mine related land slides, subsidence crack repairs and water line feasibility studies.

Current Projects

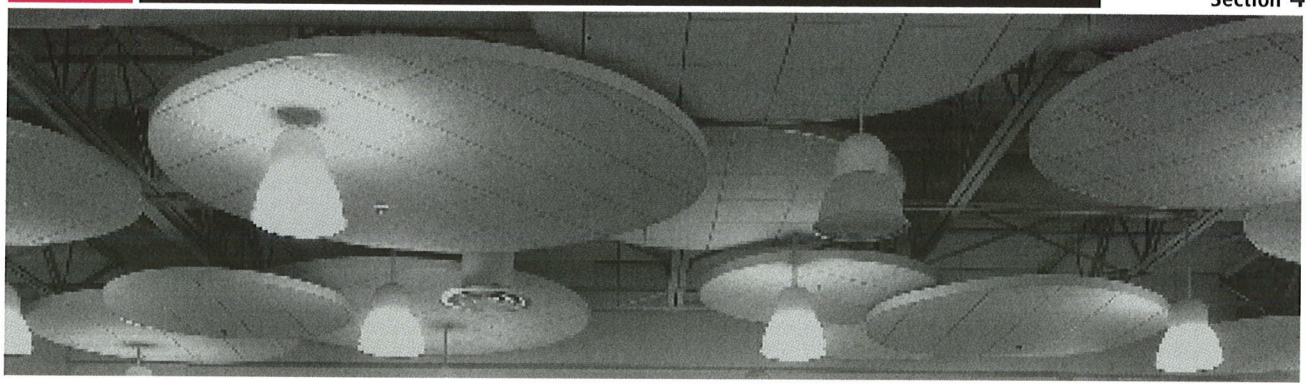
Harvest Ridge Sewage Project
Ms. O'Brien designed portions of the collection system, and permitted the second phase of the waste water collection system within Harvest Ridge subdivision. The third phase is being designed and should be permitted in the near future. Ms O'Brien is working with contractors to install the first lift station on the system. Ms. O'Brien has prepared the last two subdivision plats for this project.

Town of Granville State Revolving Fund Loan
Sanitary Inflow & Infiltration (I & I) Removal Project
Ms. O'Brien is working on this project that would obtain funding to replace +/- 8,000 feet of old sanitary lines within the town and help resolve storm water infiltration into the sanitary lines that is costing the town over $100,000 yearly. Ms O'Brien made application the State Revolving Loan fund in 2007, the town needed to camera their lines to provide documentation and provide a priority list for the funding. The town personnel have recently completed the camera work and the application will be resubmitted for funding.

Town of Star City
Ms. O'Brien is working with the town to map the sanitary and storm water lines and addressing problems with both systems. Work has been started on MS4 storm water compliance for the town.

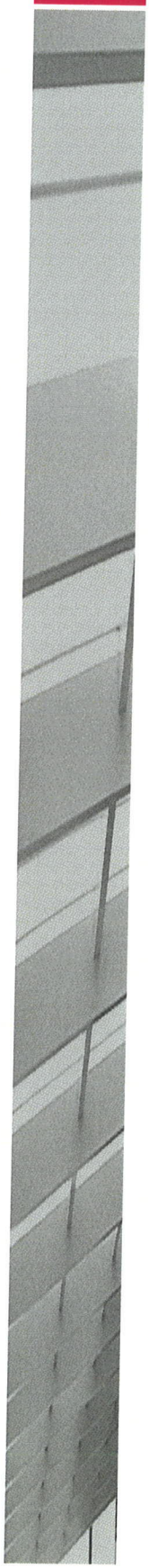
Hawthorne Village Subdivision
Ms. O'Brien has been working with the client and his architect on the lot lay of this 36-lot subdivision. Ms. O'Brien has made application for the entrance and storm water permits. Ms. O'Brien has worked on the design for the roads, grading, utility and storm water for this project.

4 OWPR'S RELEVANT PROJECT EXPERIENCE



OWPR
ARCHITECTS AND ENGINEERS

2. RELEVANT EXAMPLE PROJECTS



Please refer to the following pages for detailed information regarding examples of our relevant design experience. Additional examples can be provided if necessary.

OWPR
ARCHITECTS AND ENGINEERS

Frederick County Transportation Facility
Frederick County, Virginia

Area

8,750 SF
Administrative
Offices

39,083 SF
Vehicle
Maintenance
Facility

6,452 SF
Wash and Fuel
Facility

4,805 SF
Storage Facility

Cost

Estimate for Phase I
$14,000,000

Estimate for Phase 2
$5,000,000

The design of the transportation complex consists of two separate primary buildings. One building for administration offices, the other building houses vehicle maintenance. The administration building will contain 9 offices with 2 future spaces, 2 conference rooms, a lobby with receptionist area, a work area, a storage area, and restrooms. This building will also contain a driver training room for a minimum of 50 drivers and a drivers lounge. The interior will be designed to allow for future expansions.

The vehicle maintenance building will be made up of office space in the center with repair bays on each side. The office space will have 7 offices (with the potential to grow), a lobby with receptionist area, restrooms, a waiting room, a separate employee lounge with restrooms and showers, a technical research room, a work room, and a custodial closet. A separate area will include a tool storage room, a component room, parts storage, fluid storage, pump room, and a compressor room. Heavy duty bays will be grouped together on one side of the facility. The opposite side will house light duty bays. The service bays will be designed for future expansion and all service bays will be equipped with the required necessities relevant to the task to be performed.

The Wash and Fuel Facility has 4 Fueling Service Bays, a Tire Service Bay, 2 Wash Bays, and an Office. The complex also has a Storage Facility.

The Administration Building is designed and will be constructed to meet basic LEED certification requirements.

OWPR
ARCHITECTS AND ENGINEERS

ROANOKE VALLEY RESOURCE AUTHORITY
Roanoke, Virginia

Area
33,680 SF
Roanoke Solid Waste
Transfer Station

30,950 SF
Tipper Building

Cost
$5,500,000
Roanoke Solid Waste
Transfer Station

$3,000,000
Tipper Building

The Roanoke Solid Waste Transfer Building was designed in 1994 to resemble a Norfolk Southern shop or office building (which are within the proximity of this structure), and to be an asset to the community. The function of this facility is to be a collection point and transfer resource for the three localities it serves. The waste is then loaded on to 10-12 rail cars and transported 33 miles, by train, to the Tipper Building. The superstructure of the Transfer Building is a pre-engineered metal building by Ceco Building Systems with a post-tensioned concrete slab-on-grade. A portion of this building's foundation is located upon 20 feet of controlled fill, while heavy reinforced concrete columns and beams support another portion. The major slab-on-grade consists of 18,230 SF of eight-inch thick post-tensioned slab. Specifically, the post-tensioned slab includes cable pairs pulling in both directions. Also, a unique feature is the fact that the train runs through the building.

The Tipper Building was designed to resemble a rural train station, resulting as being viewed as a community asset. At the Tipper Building, the rail cars are unloaded using the largest dumper in the world. The rail cars are rotated upside down to remove the waste.

The unloading operation takes place inside the Tipper Building, where the waste is inspected and loaded into haul trucks for burial in a 1,200 acre environmentally protected landfill.

OWPR
ARCHITECTS AND ENGINEERS

New River Community College
Maintenance Building Addition
Dublin, Virginia

Area
6,422 SF
New Additions

Cost
$933,533

Completion
2008

In general this project consists of adding a new maintenance building addition to the existing Rooker Hall. The existing sprinkler system was re-worked to compensate for the new addition.

OWPR
ARCHITECTS AND ENGINEERS

Southwest Virginia Community College
Maintenance Building
Richlands, Virginia

Area
4,676 SF

Cost
$1,218,450

Completion
2008

In general this project consists of a new maintenance building constructed of masonry exterior walls with steel joist and truss roof framing.

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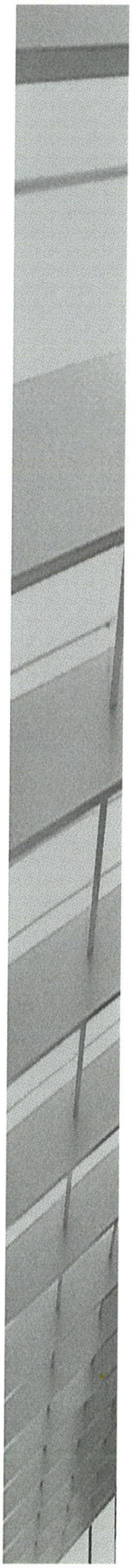
C. PERFORMANCE AND LIABILITY



Quality of the Firm:

Our reputation for excellence and long-term pledge to consistently provide quality services has established OWPR, Inc. as a leader in our field. Our professionals have built up a solid track record of practice in a broad range of project types - from schools and office buildings, to industrial parks, municipal buildings and recreational fields. Experienced project managers work with clients throughout their projects, from initial concept through completion. We have established many long-term relationships with both public and private-sector clients. Our steady growth since 1965 is the result of the dedicated response and service we provide.

OWPR, Inc. has a very good reputation for the quality and completeness of their studies, designs, drawings, and ability to work closely with the contractors during construction. We take pride in furnishing our clients with a quality product. We highly encourage contacting the references listed herein.

Over the course of many years; OWPR, Inc. has maintained a Dun and Bradstreet Rating of '1R2'.

Liability Insurance

Attached is a copy of the liability insurance we typically obtain for each project. Should the Bluefield Transit System require, we have the ability to obtain additional liability insurance at any time.

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ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 10/24/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Brown Insurance
100 Hubbard Street Ste A
Blacksburg VA 24060-5745

CONTACT NAME: Rob Simmons
PHONE (A/C, No, Ext): (540) 552-5331 FAX (A/C, No): (540) 552-3321
E-MAIL ADDRESS: rbs@LLBrown.net

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Harleysville Mutual Ins. Co.	14168
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
OWPR, Inc
200 County Club Drive
Plaza 1, Building E
Blacksburg VA 24060

COVERAGES **CERTIFICATE NUMBER:** 2012 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC			BOP00000091662D	1/14/2011	1/14/2012	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 100,000 $ 10,000 $ 2,000,000 $ 4,000,000 $ 4,000,000
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS x HIRED AUTOS x NON-OWNED AUTOS			BOP00000091662D	1/14/2011	1/14/2012	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 2,000,000 $ $ $
A	x UMBRELLA LIAB x OCCUR EXCESS LIAB CLAIMS-MADE DED RETENTION $			CMB00000052316E	1/14/2011	1/14/2012	EACH OCCURRENCE AGGREGATE	$ 2,000,000 $ 2,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N: N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WC00000091646D	1/14/2011	1/14/2012	x WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 100,000 $ 100,000 $ 500,000
	Professional Liability			AEH004313838	7/24/2011	7/24/2012	Per claim aggregate	1,000,000 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

Bluefield Transit System
Division of Public Transit
1642 Bluefield Ave
Bluefield, WV 24701

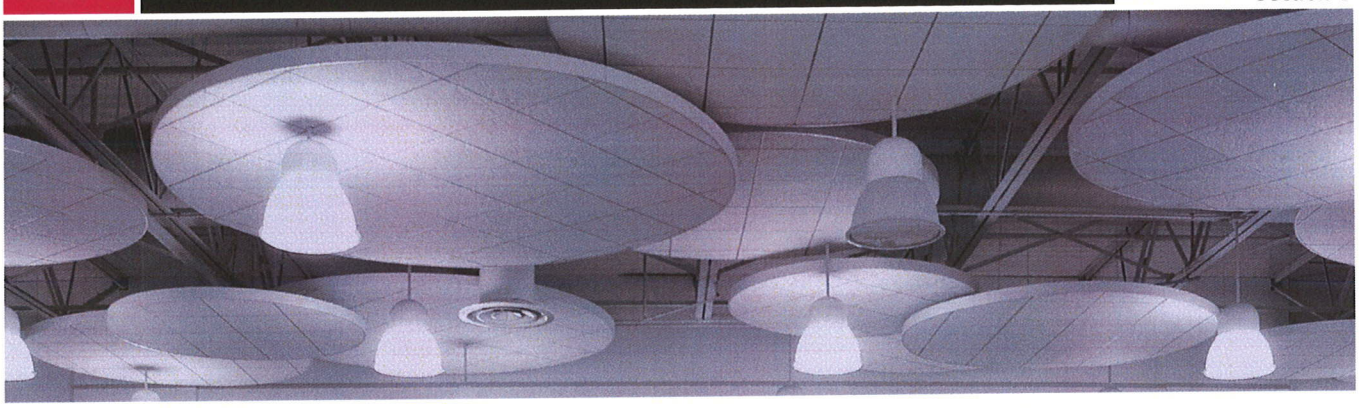
CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Rob Simmons/RBS

5 COST ACCOUNTING SYSTEM



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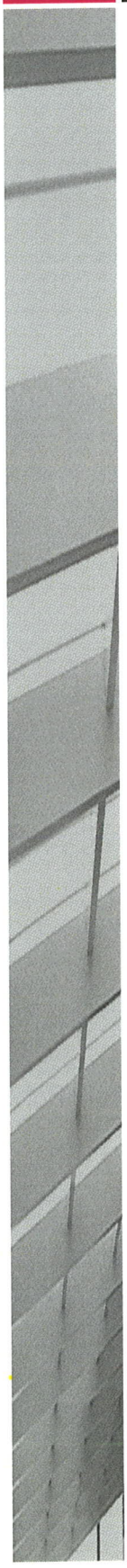
COST ACCOUNTING SYSTEM



OWPR has a cost accounting system that has been maintained and is in effect, this cost accounting system is capable of segregating and identifying accumulating costs for each job that is performed under cost type projects.

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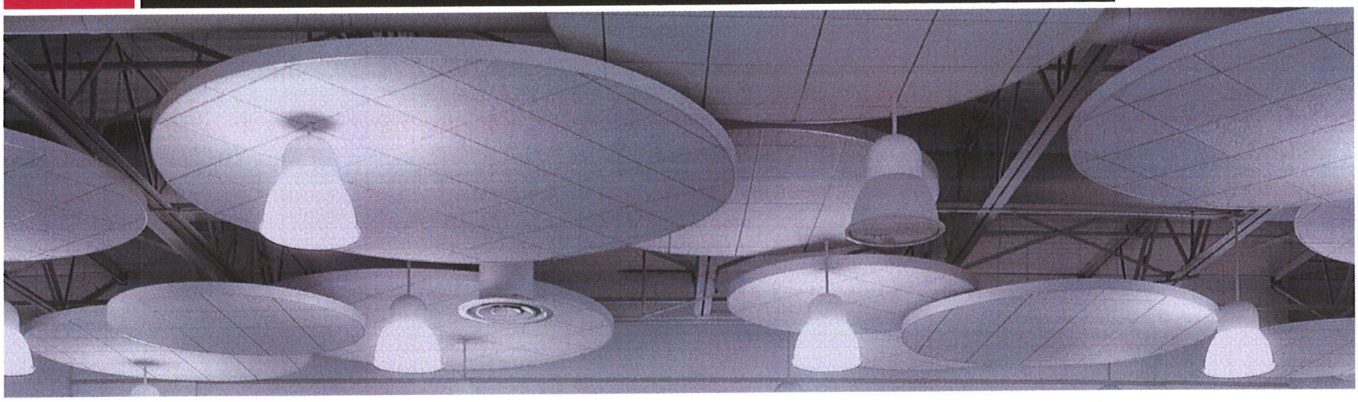
6 SUMMARY



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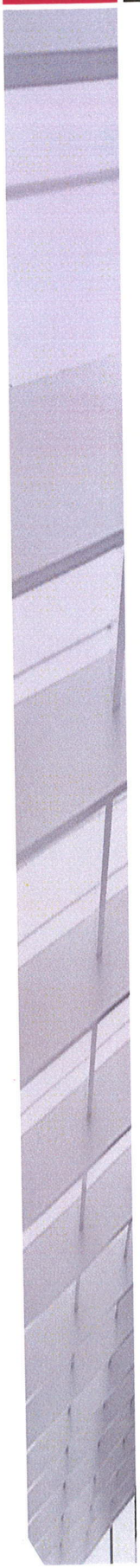
SUMMARY



As a full-service firm, OWPR, Inc. offers a comprehensive array of architectural and engineering services. Our Project Managers emphasize client communication to coordinate and monitor the progress and budget of each project. We provide detailed plans and specifications that minimize change orders during construction.

Consider our strong points:

Experience
This team has been put together to provide the Bluefield Transit System with specialized experience in transit facility design. OWPR, Inc., a HUB Zone Certified Small Business, will utilize our many years of experience in analysis, programming, planning and design to complete your project.

HUB Zone Certified Small Business
OWPR is a HUB Zone Certified Small Business located approximately one hour from Bluefield, WV.

Principal Involvement
Principals of the firm, in each discipline, take a hands-on approach by furnishing input and checking throughout the entire project. We have a very thorough Quality Control Program.

Project Manager
Mr. Randy Jones, AIA, will be the OWPR Design Team Representative.

Access to Personnel
Our team is always available to the Bluefield Transit System for consultation at anytime. We are only a phone call away. We have LEED (Leadership in Energy & Environmental Design) Accredited Professionals on our team, enabling us to assist you in having your project certified by the U.S. Green Building Council upon completion, if so desired.

Schedule/Budget
Our Design Team has the Technical Staff to perform the Scope of Work within your schedule and budget.

Availability Date
Our firm can start design work immediately upon Notice to Proceed.

Our Team sincerely appreciates this opportunity of submitting our qualifications. We would ensure that the the Bluefield Transit System would receive our priority attention. Good luck with your selection process.

Ricky L. Lawrence , RA
Chief Information Officer

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