

Expression of Interest:  
Building 4 Renovations GSD 126401

Table of Contents



SECTION:

1. Cover Letter
2. 4.2.1 Concept
3. 4.2.2 Team Qualifications
4. 4.2.3 Project Organization
5. 4.2.4 Demonstrated Experience

April 11, 2012

Department of Administration  
General Services Division  
Building 4 GSD 126401  
Attention: Krista Ferrell  
112 California Avenue  
Charleston, WV 25305



Carson's Corner Professional Building  
101 North Court Street  
Ripley, WV 25271

**Re:**

**DEPARTMENT OF ADMINISTRATION  
GENERAL SERVICES DIVISION  
BUILDING 4 RENOVATIONS GDS126401**

Dear Commissioners;

FOX Engineering is pleased to submit this Expression of Interest to provide professional Comprehensive Services for the Building 4 Renovation Project. We are very excited about this project and the manner in which it has been presented. The very idea of evaluating the existing building as well as functional and code analysis for the Capital Complex is what spurred FOX to submit for this project. We understand the various tasks included in this assignment are:

1. Site Evaluations
2. Functional Analysis
3. Building Code
4. Life Safety
5. Mechanical and Electrical Systems Analysis

*We have assembled the ideal team for this endeavor.  
Our Team consists of FOX Engineering, Michael Gioulis and DLH, PLLC!*

Key Staff:

Jennifer W. (Fox) Casey, PE	FOX Engineering	Manager/Client Contact
Michael Gioulis	Michael Gioulis	Historic Preservationist
Daniel L. Hart, AIA	DLH, PLLC	Project Architect
Daniel A. Metheny, PE	FOX Engineering	Project Engineer-Civil
Brian T. Tregoning	FOX Engineering	Construction Inspection

In addition to these key staff members, we have a deep bench of readily available experienced staff to utilize as-needed.

**FOX Engineering** is a multi-disciplined consulting engineering firm and full-service construction company offering innovative solutions to our clients. FOX is certified as 100% Woman-owned business and was established in 2001 by Jennifer W. (Fox) Casey, PE. FOX Engineering has grown and is currently headquartered in historic downtown Ripley, West Virginia. Other office locations now include Fairmont, WV, Frederick, MD, and Cincinnati,

OH. FOX employs over 40 full and part-time employees with a wide range of talents. Our clients include cities, counties, local government authorities, state government, federal government, military and a wide range of private sector entities. The process which will be followed to evaluate this structure is identical to the process followed for our private design/build clientele. *The Department of Administration will get expert advice from a team that not only designs these facilities but also constructs them.*

**Michael Gioulis, Historic Preservation Consultant, Inc.** Mr. Gioulis has been active in Historic Preservation in West Virginia since 1977. He served as Historical Architect for the West Virginia Department of Culture and History and as Assistant Director of the Historic Preservation Unit. While there he was involved in a number of programs, including: Survey and Planning grants; historic resource surveys; review of construction grant projects; and tax certification applications. He is familiar with all aspects of interpreting standards for rehabilitation of existing and historic buildings.

**DLH, PLLC** is led by Daniel Lucas Hart, AIA. Mr. Hart has over 30 years of Architectural design experience and is able to lead the client through the design process with ease. His diverse experience ranges from small residential projects to multi-million dollar technology centers.

We trust that this package will effectively illustrate our qualifications and technical expertise. The key staff resumes have been included for your review as well as example projects. We encourage you to contact the following references:

**City of Huntington**

**Mayor Kim Wolfe**

Phone: (304) 696-5540

E-mail: [mayorwolfe@cityofhuntington.com](mailto:mayorwolfe@cityofhuntington.com)

**Brooks F. McCabe, Jr., CCIM, AICP**

**West Virginia Commercial, LLC**

304-347-7510 direct

[bmccabe@wv-commercial.com](mailto:bmccabe@wv-commercial.com)

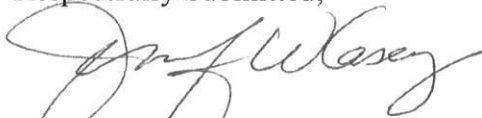
**Cloyd Brua, Director of Facilities Management**

**CAMC Teays Valley Hospital**

(304) 757-5450

[cloyd.brua@camc.org](mailto:cloyd.brua@camc.org)

Respectfully Submitted,



Jennifer W. (Fox) Casey, PE, President  
FOX Engineering, PLLC

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4.2.1 Concept

#### 4.2.1 Concept

From the historic preservation standpoint, though the building is not currently listed in the National Register of Historic Places (NR), the ROI correctly identifies that its historic character should be retained. Its architectural style, a part of the Modern Movement, is recognized as historically significant and the building is likely eligible for listing in the NR. The historic preservation consultant will review the building for its historical significance, also noting significant fabric and features that are important to preserve in the rehabilitation. This consultant will interface with the architect and other team members to insure that proposed treatments are consistent with the building's character and follow the National Park Service Secretary of the Interior's Standards for Historic Preservation Projects. This is consistent with the intent of the Capital Building Commission's responsibilities. We will coordinate with the State Historic Preservation Office as needed to insure compliance and protection of important historic features.

The initial phase of the work will consist of meeting with project representative(s) and others to review the specific scope of work, time schedule and coordination. This will include review of previous planning and work on the site as well as existing plans, specifications, etc. This will result in a technical memorandum summarizing project goals, programming concepts, and site, architectural and preservation issues affecting the plan. Having worked on similar projects, the team is familiar with the processes involved for a successful outcome.

On-site review of the existing conditions will be conducted. Investigation of these existing conditions will help determine requirements for restoration, modifications, and updating to current codes. Photographic documentation of the current conditions will be conducted to provide the team with a base condition of the site.

Following the field investigation, base plans of existing conditions will be completed. The team will meet with the owners again to determine program needs and design parameters. Analysis of all applicable constraints will be performed. This includes analysis of applicable codes, historic preservation requirements and compliance with the Americans with Disabilities Act, structural, MEP, etc. All work will be designed to comply with the Secretary of the Interior's Standards for Historic Preservation projects.

The team will work with the project representatives to develop a program concept feasible within the budget constraints and consistent with the mission of the building project. The team will also design so that the final product can be operated, maintained and repaired in a cost effective manner. All phases will comply with regulations of any funding agencies, grant requirements, etc.

Plans will then be prepared presenting our recommendations to meet the program. Preliminary cost estimates for the phases of the plan will be presented to aid in budgetary

planning. Following this, the design will be further developed, selecting particular materials, details, etc. Phasing of the project will be done as needed to accommodate partial occupancy during renovations.

Contract documents, plans and specifications will be prepared based on all of these decisions. We will then assist in advertising and bidding the project, reviewing the bids received and making recommendations to the owners and in contracting with the selected contractor. We will then monitor and inspect the work periodically to insure that it is in compliance with the plans and specifications. This will include certifying requests for payments, etc.

Expression of Interest:  
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4.2.2 Team Qualifications

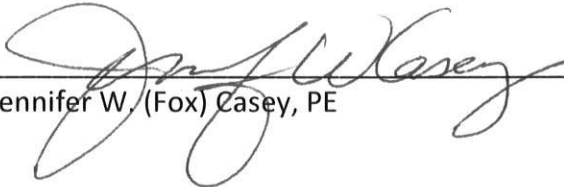
- a. Name, address, phone number, e-mail address and signature of FOX Engineering's contact person responsible for the project and having full authority to execute a binding contract on behalf of the team submitting the proposal.
- b. Name, function and resume of individuals within the lead firm and other team member's organization who will be assigned to this project.
- c. Design team and information on all other project consultants, sub-consultants, and firms proposed to be employed by the lead firm for this project.
- d. Statement of FOX Engineering's ability to handle the project in its entirety.
- e. Statement of FOX Engineering's acceptance and full understanding that any work produced as a result of the contract will become property of the Agency and can be used or shared by the Agency as deemed appropriate.
- f. Provide evidence of FOX Engineering's ability to formulate designs in conformance with all local, State, and Federal regulations applicable to this project.
- g. Description of any litigation or arbitration proceedings, including vendor complaints filed with the State's Purchasing Division, or disputes with any other agencies in the State of West Virginia.

4.2.2 a.

FOX Engineering-Contact Information

Jennifer W. (Fox) Casey, PE  
FOX Engineering  
101 North Court Street  
Ripley, West Virginia 25271  
Phone: 304-372-3705  
[jfox@foxengineering.net](mailto:jfox@foxengineering.net)

Signature:

  
Jennifer W. (Fox) Casey, PE



4.2.2 b. & c.

Resumes of key team members.

# JENNIFER W. (FOX) CASEY, PE

PRESIDENT



## RELEVANT BACKGROUND

Mrs. Casey has over 17 years of bridge design and construction experience. Mrs. Casey founded FOX Engineering in 2001 and continues to serve as the sole owner and decision maker of this growing firm. Her management skills have developed over time. She has positioned the firm to be a valuable team member or a prime consultant or contractor. She believes that the only unchanging thing in our industry is change itself. FOX's repeat clientele agree with this philosophy.

### Bridge Design and Rehabilitation

Project engineer responsible for management, design, review, and coordination of different areas and phases of bridge projects. The types of bridges include steel plate girders, both straight and horizontally curved, pre-stressed concrete I-beams, and timber bridges. The bridges range in length from 150 to 2,300 feet. Substructure design includes conventional, semi-integral and integral abutments, mechanically stabilized earth retaining walls, as well as single and multicolumn piers. Representative projects include:

- Corridor H – Bismark to Forman; Grant County, West Virginia
- Cotton Hill Bridge; West Virginia Route 16, Fayette County, West Virginia
- Earling Bridge; West Virginia Route 10, Logan County, West Virginia
- East River Bridge; Interstate 77, Mercer County, West Virginia
- Elkins Bypass – U.S. Route 219 to Canfield; Randolph County, West Virginia
- Man Bridge; West Virginia Route 10, Logan County, West Virginia
- Mercury Boulevard Interchange; Hampton, Virginia
- Millville Quarry Access Bridge; West Virginia Route 9, Jefferson County, West Virginia
- Milton Covered Bridge Historic Restoration; Pumpkin Festival Grounds, Cabell County, West Virginia
- Moorefield Interchange Bridge; Hardy County, West Virginia
- Rita Bridge; West Virginia Route 10, Logan County, West Virginia
- Spring Valley Bridge; Wayne County, West Virginia
- Three Forks Creek Bride; Tyler County, West Virginia



### EDUCATION

West Virginia University  
BS Civil Engineering 1994

### REGISTRATIONS

Professional Engineer:  
WV (13985), OH (64206),  
SC (20031), IN (10201196),  
MD (32912)

Licensed Engineering Contractor  
and General Contractor  
#WV041041

Safety Inspection of In-Service  
Bridges – NHI Course 130055A  
Refresher Course – NHI Course  
130053

Certified Bridge Inspection  
Team Leader

# JENNIFER W. (FOX) CASEY, PE

Page 2

- Trace Fork Pony Truss Bridge Replacement; Route 32, Lincoln County, West Virginia
- West 19th Street Overpass Bridge; Interstate 64, Cabell County, West Virginia
- Spring Valley Bridge; Spring Valley Drive, Wayne County, West Virginia

## Box Culvert Design

Project engineer responsible for design, review, and coordination of different areas and phases of concrete box culvert projects. The culverts range in length from 70 to 250 feet. Representative projects include:

- Elkins Bypass – U.S. Route 219 to Canfield; Randolph County, West Virginia
- Spring Valley Bridge; Spring Valley Drive, Wayne County, West Virginia

## Retaining Wall Design

Project engineer responsible for design, review, and coordination of different areas and phases of retaining wall projects, including cast-in-place walls and mechanically stabilized earth (MSE) walls. Representative projects include:

- Spring Valley Bridge; Spring Valley Drive, Wayne County, West Virginia
- West Virginia Route 10 Walls, West Virginia Route 10 – Man to Rita; Logan County, West Virginia

## Structural Condition Inspections

Served as a Team Leader and assisted in the inspection of bridges ranging in length from 20 feet to 2,400 feet. Services included preparation of reports, load ratings, and stress analysis. Representative projects include:

- Bigley Avenue Bridges; Charleston, West Virginia
- High Street Bridge; Morgantown, West Virginia
- Lee Avenue Bridge; Weirton, West Virginia
- Milton Covered Bridge; Milton, West Virginia
- West 19th Street Overpass Bridge; Huntington, West Virginia
- Wheeling Tunnel; Wheeling, West Virginia
- Richard “Dick” Henderson Memorial Bridge, St. Albans, West Virginia
- Bartow Jones Memorial Bridge, Point Pleasant, West Virginia
- Climbing Towers and Recreational structures



## EMPLOYMENT HISTORY

FOX Engineering, PLLC  
President, Owner  
2001 – Present

Site – Blauvelt Engineers  
Lead Structural Engineer /  
Project Manager  
1998 – 2001

AE Associates  
Lead Structural Engineer  
1997 – 1998

WVDOH/Structures Division  
Staff Structural Engineer  
1994 – 1997

## SPECIAL AWARDS AND HONORS

2004 Jackson County  
Businessperson of the Year

2007 Who's Who in WV  
Business – West Virginia State  
Journal

2008 Generation Next WV –  
West Virginia State Journal

2009 Young Gun for WV  
Executive Magazine

## FAVORITE QUOTE

“How do you eat an elephant?  
One bite at a time.”

Author Unknown

# JENNIFER W. (FOX) CASEY, PE

Page 3

## Bridge Rating and Analysis

Assisted in conducting stress analysis and load rating for a variety of bridges throughout West Virginia. Representative bridge projects include:

- High Street Bridge; Morgantown, West Virginia
- West 19th Street Overpass Bridge; Huntington, West Virginia
- Bartow Jones Memorial Bridge; Point Pleasant, West Virginia

## Municipal Engineering Services

Provided engineering services such as preliminary and final design, construction inspection and management, assistance with funding applications, development of construction cost estimates, and utility coordination. Representative clients include:

- Alpine Theatre Restoration Chairman, Subcommittee of Main Street Ripley; Ripley, West Virginia
- City of Ravenswood Downtown Beautification; Ravenswood, West Virginia
- Jackson County Commission; Ripley, West Virginia
- Main Street Ripley; Ripley, West Virginia
- The Greenbrier Hotel and Resort; White Sulphur Springs, West Virginia

## Residential / Private Inspections

Provided structural inspections and recommendations on repairs to deficiencies for private residences. This work is typically in cooperation with lending institutions. Professional opinions on foundations and all visual structural elements have been rendered. Many times the structural components are concealed from view and in this instance, assumptions are made based on professional experience.

## Professional Witness / Expert Testimony

Served as an expert witness for several Law offices on over 30 cases dealing with the following issues:

Site Assessment  
Site Safety / OSHA Requirements  
Contractual Obligations  
Surveying and Engineering  
Auto Accidents

Code Compliance  
Structural Design and Inspection  
Natural Gas Industry Systems  
Trip and Fall Cases  
Construction Procedures



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# DANIEL A. METHENY, PE

Engineering Division Manager



## RELEVANT BACKGROUND

Mr. Metheny has over 14 years of highway design and related experience. His experience includes the geometric design of four-lane divided highways, two-lane arterials and interchanges on new and existing alignments; as well as, structural condition inspections of in-service bridges, structural design of bridge substructure units, structural shop drawing review, commercial site development and residential subdivisions.

### Highway Design

Served as a designer on various highway projects ranging in size from small bridge replacements to over two-mile sections of four-lane divided highway on new alignment. During this time he has designed horizontal alignments, vertical alignments, intersections and superelevation for four-lane divided highways, interchanges, two-lane arterials and secondary routes; as well as, preparing all aspects of right-of-way plans and highway construction plans. He has also performed design studies requiring design and evaluation of alternate horizontal and vertical alignments for various corridors and interchanges. He has served as Project Manager on multi-million dollar design contracts where he has coordinated the design efforts of large in-house design teams, design sub-consultants, surveying sub-consultants, geotechnical sub-consultants, managed soil boring contracts and performed quality assurance/quality control reviews of highway construction plans. Representative projects include:

- 2.5 Miles of U.S. Route 50, Appalachian Corridor D – Interstate 77 to Alternate Route 14/East Street; Wood County, West Virginia
- 1.55 Miles of U.S. Route 50, Appalachian Corridor D – Ohio Route 618 to Greenland Addition; Washington County, Ohio and Wood County, West Virginia
- 0.20 Miles of Huntington Commerce Park Access Road; Cabell County, West Virginia
- 0.14 Miles of County Route 36 at Radnor; Wayne County, West Virginia
- 0.13 Miles of Interstate 77 at the Medina Interchange; Jackson County, West Virginia
- 0.11 Miles of West Virginia Route 10 Bridge Replacement over Merritt Creek at Sarah; Cabell County, West Virginia
- New River Parkway Design Study – Hinton, West Virginia to Interstate 64; Raleigh & Summers Counties, West Virginia

## EDUCATION

West Virginia Institute of  
Technology

BS Civil Engineering 1997

## REGISTRATIONS

Professional Engineer:  
WV (16389), KY (24365)

Safety Inspection of In-Service  
Bridges – NHI Course 130055A  
Refresher Course – NHI Course  
130053

Certified Bridge Inspection  
Team Leader

# DANIEL A. METHENY, PE

Page 2

## Highway Bridge Design

Served as a designer on various bridge replacement projects. During this time he has designed sub-structure units, reviewed shop drawings and assisted in the preparation of Span Arrangement and Type, Size & Location submissions. He has also served as Project Manager on large Corridor projects coordinating the design of as many as nine highway bridges and 950-foot of retaining wall on a single project. Representative projects include:

- Fort Washington Way, Contract No. 6 – Ramp J Bridge; Hamilton County, Ohio
- Eckman Overhead Bridge Replacement; U.S. Route 52, McDowell County, West Virginia

## Structural Condition Inspections

Assisted in the inspection on various bridges throughout West Virginia. Responsibilities included hands-on inspection, visual inspection, and the preparation of inspection reports. Representative projects include:

- Bigley Avenue Bridges; Charleston, West Virginia
- Richard J. "Dick" Henderson Memorial Bridge over the Kanawha River; St. Albans, West Virginia
- Corporal Thomas Bennett Memorial Bridge "Uffington Truss" over the Monongahela River; Morgantown, West Virginia
- Korean War Veterans Bridge over the Ohio River; New Martinsville, West Virginia
- Hi-Carpenter Bridge over the Ohio River; St. Mary's, West Virginia

## Wastewater

Served as a design engineer assisting in the design and preparation of construction plans for a gravity sanitary sewer collection system. During this time he prepared plan and profile layouts of the proposed collection system and prepared easement exhibits. Representative projects include:

- Wastewater Collection System – Lubeck Public Service District, Wood County, West Virginia



## EMPLOYMENT HISTORY

FOX Engineering, PLLC  
Engineering Division Manager  
2004 – Present

Burgess & Niple, Inc.  
Civil Engineer / Project  
Manager  
1997 – 2004

# DANIEL A. METHENY, PE

Page 3

## Commercial/Residential Site Development

Served as a Project Manager and designer on various commercial and residential site development projects. During this time he prepared site grading plans, lot layouts, site utility plans and storm water pollution prevention plans (SWPPP). He has also prepared necessary documents to obtain permits from local, state and federal agencies including the WV Department of Environmental Protection (WVDEP), WV Division of Natural Resources (WVDNR), WV Department of Transportation (WVDOT), WV Department of Health & Human Resources (WVDHHR) and the US Army Corps of Engineers (USACOE). Representative projects include:

- Neal Run Crossing – 40 acre Commercial Development; Wood County, West Virginia
- Sterling Ridge – 70 Acre Commercial/Residential Development; Harrison County, West Virginia
- Stoney Creek – 43 acre residential subdivision; Jackson County, West Virginia
- Washington Woods Estates – 115 acre residential subdivision; Jackson County, West Virginia

## Geographic Information Systems (GIS)

Technician responsible for preparation of Land Base mapping from aerial photography utilizing GIS mapping software as part of development of a fully integrated digital mapping system of gas utilities. Utility and customer locations were established through the use of Global Positioning System (GPS) equipment. Line information such as installation date, type, pressure, leaks, and customers were attached to elements within the digital map using an Oracle database system.



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# BRIAN T. TREGONING

Construction Inspector/PM



## RELEVANT BACKGROUND

Mr. Tregoning has past experience in managing jobsites for several different trades as well as General Contracting. With his diverse experience Mr. Tregoning is able to oversee projects and effectively relay the details and progress of a project to the client. This ability keeps the contractors on task, budget, and schedule and provides verification to the client that contractual obligations are being met.

### FOX Engineering, PLLC

#### Special Construction Inspector/Project Manager

Responsible for the oversight of all aspects of a client's projects, including: quality control, schedule management, client/constructor relations, detailed reporting.

#### Specific Projects

- EQT Office/Warehouse Special Inspection - Ground-up
- Big Sandy Arena - Remodel

### Commercial Carpentry

#### Manager

Responsible for successful marketing, estimating, client relations, job costing and control, project scheduling, selection and management of crew personnel.

#### Project Manager

Responsible for day-to-day activities on several projects at a time; involving staffing, schedule management, safety and procedures.

#### Specific Projects

- Mental Health and Recovery Centers; Lebanon, Ohio, \$2.9 million
- Qdoba; Tylersville Road, \$125k
- J-Crew; Kenwood-Monroe, \$194k
- Michael Kors; Monroe, \$78k
- Tommy Hilfiger; Monroe, \$94k
- Maidenform; Monroe, \$74k
- Starbucks. \$87k

## EDUCATION

University of Cincinnati

## REGISTRATIONS

Safety Inspection of In-Service Bridges – NHI Course FHWA-130055A

Underwater Bridge Inspection of In-Service Bridges-NHI Course FHWA-NHI-130091

## EMPLOYMENT HISTORY

FOX Engineering, PLLC  
Construction Inspector  
Project Manger  
2011 – Present

Seven Hill Commercial  
Carpentry  
Senior Project Manager  
2008 – 2010

Self Employeed  
Project Manager  
2006 – 2008

Self Employed  
General Contractor  
2001 – 2006



# BRIAN T. TREGONING

Page 2



## EMPLOYMENT HISTORY

FOX Engineering, PLLC  
Construction Inspector  
Project Manger  
2011 – Present

Burgess & Niple, Inc.  
Senior Project Manager  
2008 – 2010

Burgess & Niple, Inc.  
Project Manager  
2006 – 2008

Self Employed  
General Contractor  
2001 – 2006

# BRIAN T. TREGONING

Page 2

## General Contractor

Responsible for daily field activities including coordination of layout, and management of crew personnel.

## Specific Projects

- Environmental Protection Agency, \$800k
- Moeller High School Renovation, \$300K
- Alliance Primary Care On-Going Remodel, \$300k

## Construction Procedures Experience

- Hands on construction work
- Estimating and take-offs
- Material specification and selection
- Selection and management of personnel
- Selection and purchasing of equipment
- Trained in Safety and First Aid/CPR/Open Water Rescue
- Certified NHI - Underwater Bridge Inspector
- Certified NHI - Inspector of In-Service Bridges

## Community Service, Associations and Awards

- Special Olympics Volunteer
- Mentor for Inner City Youth - Santa Maria Community Center; Price Hill, Cincinnati, Ohio



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**MICHAEL GIOULIS**  
**HISTORIC PRESERVATION CONSULTANT**  
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SUTTON, WV 26601  
(304) 765-5716  
(304) 765-5464 (fax)  
[mike@michaelgioulis.com](mailto:mike@michaelgioulis.com)  
[www.MichaelGioulis.com](http://www.MichaelGioulis.com)

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**EDUCATION:**

B.S., City University of New York, City College, 1975.  
B. Arch., City University of New York, City College, 1977.

**BUSINESS EXPERIENCE:**

June 1984-Present	Self-employed: Historic Preservation Consultant; Design; Construction supervision and management. Design Consultant to Main Street West Virginia since 1988.
June 1979-June 1984	State of West Virginia, Department of Culture and History, Historic Preservation Unit: Coordinate state, local and federal Programs; review construction and other projects for compliance with standards; administer grant, survey and tax incentive programs; public addresses.
September 1982-January 1983	University of Charleston, Charleston, West Virginia: Instructor, "Principles of Planning", urban design, planning and historic preservation curriculum.
October 1977-June 1979	Vecellio and Kreps. Architects, Charleston, WV: drafting; working drawings; review shop drawings; preliminary sketches and site layout; finish selection; specification writing; design.
September 1975-June 1977	Jeri-Jo Knitwear, New York City, NY: Assistant Manager; supervised seven employees; billing.
1968-1973	Various temporary occupations including home construction and remodeling; tree trimming and landscaping.
1968-1973	Prescott Merrill and Turben, New York City, NY: stockbrokers; clerk; head of segregation department.

## **MICHAEL GIOULIS**

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### **CONTINUING EDUCATION:**

Historic Preservation Workshop, Cornell University, Ithaca, NY, June 9-16, 1979.  
Main Street Revitalization Conference, Charleston, WV, November 1979.  
Society for Commercial Archaeology, Washington, D.C., November 1979.  
Association for Preservation Technology: Quebec, October 1980; Banff, October 1982; Nashville, October 1983; Toronto, October 1984; Chicago, 1989; Chicago, 1997.  
Preservation Tax Incentives, National Trust for Historic Preservation, Philadelphia, PA, December 1981.  
Sandstone Restoration Seminar, New York City, December 1982.  
The Window Conference and Exposition for Historic Buildings, Boston, MA, December 1986.  
National Main Street Center Town Meeting: Tulsa, OK 1992; Milwaukee, WI 1993; Tampa, FL 1994; Nashville, TN 1996; Portland, OR 1997; Pittsburgh, PA 1998; San Diego, CA 1999; Boston, MA 2000; Indianapolis, IN 2001; Ft. Worth, TX 2002; Cincinnati, OH 2003; Albuquerque, NM 2004; Baltimore, MD 2005; New Orleans, LA 2006; Seattle, WA 2007; Philadelphia, PA 2008; Chicago, IL 2009; Oklahoma City, OK, 2010.  
Restoring Covered Bridge Superstructures Workshop, Burlington, VT, 2004.  
Online Mapping System Training Workshop, Ohio Historic Preservation Office, Columbus, OH, July 2010.  
Section 106 References Workshop, Ohio Historic Preservation Office, Columbus, OH, August 2010.  
Preservation Trades Network, Preservation Alliance of West Virginia, Fairmont, WV, 2010.

### **ACCOMPLISHMENTS:**

Certified Architectural Historian under 36 CRF 61 through WV Division of Culture & History, SHPO, ongoing.  
Chairman, Braxton County Historic Landmarks Commission, 1981.  
Member, Bulltown Advisory Committee, 1980-1982.  
Speaker, Preservation Tax Incentives Workshop, Charleston, WV, April 1982.  
Speaker, Preservation Alliance of West Virginia: Harpers Ferry, WV, June 1982; Bluefield, WV, June 1983; Bramwell, WV, June 1988; Lewisburg, WV, June 1990; Martinsburg, WV, May 1997; Charleston, WV, May 1998; Weston, WV, September 2000; Elkins, WV, September 2001.  
Speaker, Planning Association of West Virginia, February 1983.  
Speaker, Energy Conservation in Historic Buildings, September 1983,  
Speaker, National Main Street Conference, Charleston, WV, December 1984.  
Speaker, Preservation Tax Incentives Workshop, National Conference of State Historic Preservation Officers, Charleston, WV, 1982.  
Guest Lecturer, Architectural History, Shepherd College, Shepherdstown, WV, 2003.  
Speaker, Main Street West Virginia Conference and Workshops – 1991 to present.  
Guest Lecturer, College of Graduate Studies, Charleston, WV, 1996.  
Tour Lecturer, Goldenseal Annual Fall Tour, 1996.  
Member, Planning Task Force, WV Legislative Committee on Government Organization, Charleston, WV, 2003-2004.  
Member, Affordable Housing Task Force, ACHP, 2005.  
State Designers Representative on the National Executive Committee of Main Street Coordinators, 2008 to present.  
Speaker, Create WV Conference, Snowshoe, WV, 2008.  
Speaker, National Main Street Conference, Chicago, IL, March 2009.  
Guest Lecturer, Environmental Biology Department, City University of New York, Hunter, 2010.  
Guest Lecturer, Faculty Training, Art Institute, Pittsburgh, PA, 2010.  
Guest Lecturer, Faculty Training, Art Institute, Pittsburgh, PA, 2011.

## **MICHAEL GIOULIS**

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### **PUBLICATIONS:**

Co-Author, "Historic Resource Surveys in West Virginia", 1983.

Wonderful West Virginia, Volume 48, #11, "Marion County Round Barn".

Culture and History, July/August 1984, "Maintenance of Structural Pigmented Glass Storefronts".

Goldenseal, West Virginia Traditional Life, Volume 13, #1, Spring 1987, "Evidence of Times Past, A Preservationist Looks At The Sutton Photographs".

Downtown Property Owner's Maintenance Manual, West Virginia Development Office, May 1992.

Tax Credits for Historic Properties, West Virginia Development Office, 1996.

Home Grown Video, 2005.

Articles on Architects and Materials, West Virginia Encyclopedia & E-Encyclopedia, 2008-2009.

Mt. Dechantal Video, 2010.

Courthouses of West Virginia Documentary, 2010-2011.

ADA Information Website Q&A and Pamphlet, National Trust for Historic Preservation, 2010 to present.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Daniel Lucas Hart, AIA</b>		13. ROLE IN THIS CONTRACT <b>Licensed Architect</b>		14. YEARS EXPERIENCE	
				a. TOTAL: 35	b. WITH CURRENT FIRM: 5
15. FIRM NAME AND LOCATION (City and State)					
16. EDUCATION (DEGREE AND SPECIALIZATION) Virginia Polytechnic Institute BARCH – 1973			17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) WV (1424), VA (4761), PA (RA-010613-B), MD (7153), NC (05243), SC (03772), FL (AR94082), GA (RA012093), OH (7156)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Licensed WV Building Contractor #WV040129 National Council of Architectural Registration Boards (NCARB Certified) American Institute of Architects (AIA) 2006 Excellence in Construction Award (Associated Builders & Contractors) for Hinton Technology Center Former President of WV Society of Architects (1987, 1988)					

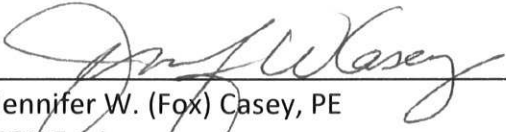
**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>Hinton Technology Center (Hinton, WV)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001	CONSTRUCTION (if applicable) 2006
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>USDA, Region I Economic Development Authority and Hinton Development Authority</i> Architect of Record . 76,000 sq. ft. (19,000 per floor) building with two floors of parking and two floors of high technology office space for I-64 Technology Corridor. Building also met requirements of Section 106 of National Historic Preservation Act for City of Hinton Historic District. Cost: \$8.4 million		Check if project performed with current firm	
b.	(1) TITLE AND LOCATION (City and State) <b>Southridge Showplace (South Charleston, WV)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 1996	CONSTRUCTION (if applicable) 1998
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>Marquee Cinemas</i> Architect of Record. Design of the first two-story stadium seating theater located in WV. Cost: \$6 million		Check if project performed with current firm	
c.	(1) TITLE AND LOCATION (City and State) <b>Kanawha County Courthouse Restoration (Charleston, WV)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 1999-2005	CONSTRUCTION (if applicable) 2002-2005
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>WV Courthouse Facilities Improvement (state and city funding agencies)</i> Architect of Record. Replacement of roof, exterior restoration, and ADA-compliance. Designed to meet Secretary of Interior standards. Cost: \$2.1 million		Check if project performed with current firm	
d.	(1) TITLE AND LOCATION (City and State) <b>Railroad Depot Restorations (Various Cities, WV)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001-2010	CONSTRUCTION (if applicable) 2001-2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>WVDOT ISTE A-21 Funding, Local municipalities</i> Architect of Record. Exterior, interior, structural, and historic restoration of railroad depots located throughout WV, including Alderson Railroad Depot, Hinton Railroad Depot, Addison Railroad Depot, and Tunnelton Railroad Depot. Cost: \$1.2 million		Check if project performed with current firm	
e.	(1) TITLE AND LOCATION (City and State) <b>Brown Building (Kingwood, WV)</b> <b>Preston Academy (Kingwood, WV)</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2005-2008	CONSTRUCTION (if applicable) 2005-2008
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <i>USDA Rural Economic Development</i> Architect of Record. Design and restoration of buildings in conjunction with federal funding for downtown revitalization and jobs creation. Cost: \$600,000		Check if project performed with current firm	



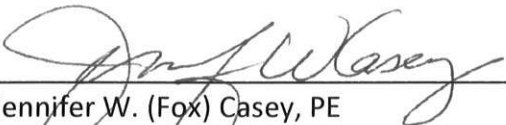
4.2.2 d. FOX Engineering project confidence of completion statement

FOX Engineering is assuredly able to "handle" the Building 4 Renovations Project-GSD 126401 as it is understood in the Request for Quotation dated 03/21/12.

  
\_\_\_\_\_  
Jennifer W. (Fox) Casey, PE  
FOX Engineering

4.2.2 e. FOX Engineering Statement of Acceptance

FOX Engineering accepts and fully understands that any work produced as a result of the contract will become property of the Agency and can be shared by the Agency as deemed appropriate.



---

Jennifer W. (Fox) Casey, PE  
FOX Engineering



4.2.2 f. FOX Engineering Evidence of Ability



## Certificate

*I, Natalie E. Tennant, Secretary of State of the  
State of West Virginia, hereby certify that*

**FOX ENGINEERING, PLLC**

made application to the West Virginia Secretary of State's Office to be a registered professional limited liability company in the State of West Virginia on November 5, 2001. The application was received and found to conform to law.

The company is filed as an at-will company, for an indefinite period.

I further certify that the company's most recent annual report, as required by West Virginia Code §31B-2-211, has been filed with our office and that a Certificate of Termination has not been issued.

Accordingly, I hereby issue this

### **CERTIFICATE OF EXISTENCE**



*Given under my hand and the  
Great Seal of the State of  
West Virginia on this day of  
March 29, 2010*

A handwritten signature in cursive script, reading "Natalie E. Tennant".

*Secretary of State*

# State of West Virginia



## Certificate

*I, Joe Manchin III, Secretary of State of the  
State of West Virginia, hereby certify that*

**FOX ENGINEERING, PLLC**

made application to my office to be registered as a limited liability company in the state of West Virginia on November 5, 2001. The application was received and found to conform to law.

Therefore, I hereby issue this

## CERTIFICATE OF EXISTENCE



*Given under my hand and the  
Great Seal of the State of  
West Virginia on this day of  
June 2, 2004*

A handwritten signature in cursive script, appearing to read "Joe Manchin III".

*Secretary of State*

# CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers  
having verified the person in responsible charge is registered in  
West Virginia as a professional engineer for the noted firm, hereby certifies*

**FOX ENGINEERING PLLC  
C01241-00**

**Engineer in Responsible Charge: JENNIFER FOX - WV PE 013985**

*has complied with section §30-13-17 of the West Virginia Code governing  
the issuance of a Certificate of Authorization. The Board hereby notifies you of its  
certification with issuance of this Certification of Authorization for the period of:*

**July 1, 2011 - June 30, 2012**

*providing for the practice of engineering services in the State of West Virginia.*

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,  
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.



IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF  
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA  
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT

# CONTRACTOR LICENSE

Authorized by the

**West Virginia Contractor Licensing Board**

**Number:** WV041041

**Classification:**

GENERAL BUILDING  
GENERAL ENGINEERING

FOX ENGINEERING PLLC  
DBA FOX CONSTRUCTION  
101 NORTH COURT STREET  
RIPLEY, WV 25271

**Date Issued**

SEPTEMBER 27, 2011

**Expiration Date**

SEPTEMBER 27, 2012

  
Authorized Company Signature

  
Chair, West Virginia Contractor  
Licensing Board

**WEST VIRGINIA  
CONTRACTOR  
LICENSING  
BOARD**

This license, or a copy thereof, must be posted in a conspicuous place at every construction site where work is being performed. This license number must appear in all advertisements, on all bid submissions and on all fully executed and binding contracts. This license cannot be assigned or transferred by licensee. Issued under provisions of West Virginia Code, Chapter 21, Article 11.

**City of Charleston  
BUILDING DEPARTMENT  
915 QUARRIER ST. SUITE 5 \* CHARLESTON WV 25301-2622  
(304) 348-6833**

**CONTRACTOR'S LICENSE**

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ISSUED DATE:  
**January 11, 2012**

EXPIRATION DATE:  
**June 30, 2012**

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CONTRACTOR LICENSE NUMBER:  
**GC-021738**

TYPE OF CONTRACTOR:  
**General Contractor**

CLASSIFICATIONS:  
**General Building  
General Engineering**

FOX ENGINEERING PLLC  
FOX CONSTRUCTION  
101 NORTH COURT ST  
RIPLEY, WV 25271

  
WILLIAM A. HARMON  
BUILDING COMMISSIONER



Carson's Corner Professional Building  
101 North Court Street  
Ripley, WV 25271

**Re: SOQ – Summary of Qualifications**

**to provide:   Engineering Services  
                  Surveying Services  
                  Construction Management  
                  Heavy Highway Construction  
                  Commercial Construction  
                  Natural Gas Services**

Please find attached our Statement of Qualifications to provide Engineering, Surveying, Construction Management, and Construction Services for you.

FOX Engineering holds the following diverse classifications and certifications.

- Woman-Owned Small Business
- HUBZone business
- DBE – Disadvantaged Business Enterprise

FOX Engineering is a Certified Disadvantaged Business Enterprise providing the following NAICS Codes in WV, OH, MD, VA, KY, IN, and PA:

- 541330 *Engineering Consulting and Design Services*
- 541370 *Surveying and Mapping Services*
- 237310 *Highway, Street and Bridge Construction*
- 238910 *Site Preparation Contractor*
- 238990 *All Other Specialty Trade Contractors*

Services offered by Fox include but are not limited to bridge and roadway design, surveying, gas well locations and pipeline mapping, right of way field research and plan development, construction services, structural inspection, site design, hydraulic analysis and design, preparation of permit applications, guardrail installation, excavation, design/build projects and commercial building construction.

FOX holds professional licensure in West Virginia, Ohio, Maryland, Indiana, South Carolina, North Carolina, Kentucky and Virginia. Our engineers are diverse and complimentary and have structural, highway, hydraulic, and site design experience. Our survey staff is equally diverse with experience in construction layout, boundary surveys, natural resource surveys and topographic surveys. We are proficient in both conventional survey methods as well as GPS surveying.

We invite you to visit our website at [www.FOXengineering.net](http://www.FOXengineering.net). Thank you for reviewing our qualifications, and please call me if you have any questions.

# ENGINEERING DIVISION



BRIDGE & STRUCTURAL DESIGN

HIGHWAY & SITE DESIGN

NBIS SAFETY INSPECTIONS

Setting Goals... Raising Standards...





## DESIGN

- PLATE GIRDERS (TANGENT AND CURVED).
- STEEL BOX GIRDERS.
- PRE-CAST BOX BEAMS.
- PRE-CAST I-BEAMS.
- TIMBER BRIDGES.
- BRIDGE REHABILITATION.
- HYDRAULIC AND SCOUR ANALYSIS.
- CONCRETE BOX CULVERTS.
- PIPE ARCHES.
- MSE WALLS.

## BANKS & REALTORS

We also provide inspection services to banks, mortgage institutions, and real estate agencies. Our services include:

- Foundation inspections
- HUD compliance inspections
- Foundation repair recommendations



## BRIDGE DESIGN

FOX Engineering was founded on Bridge Design and Bridge Inspections. FOX has designed bridges and structures that are unique to each client's needs. We listen to the client and determine what is best for each situation and each community. FOX has engineered a wide range of bridge types from medium- and short-span girders, curved girders and box girders. Our experience encompasses historic structures, major river crossings and interchanges. In addition to highway structures, we also offer planning, design and construction services for structures at airports, on rail lines, for transit systems and a wide array of private applications. On every project, we employ progressive design and construction techniques with sensitivity to function, environment, aesthetics and cost.



## NBIS SAFETY INSPECTIONS

By mandate of the Federal Highway Administration (FHWA) all bridges that are 20 feet or longer must be inspected every two years to maintain safe and functional structures for the traveling public. Bridge Owners are required to maintain records on the condition of the bridges as assessed during the inspection.

FOX provides a full range of bridge inspection, scour analysis, and load rating services. Our highly trained and experienced staff includes bridge inspection project managers, structural and hydraulic engineers, certified bridge inspectors, and support staff. Much of FOX's success in bridge inspection can be attributed to quality. From the planning to the inspection to the preparation of the final report, FOX's proven Quality Control and Quality Assurance program closely supervises each step. FOX has provided inspection and load rating services on all types of structures, including high-rise interstate bridges, truss structures, railroad structures, concrete culverts, timber bridges, and tunnels.

We have extensive experience in the following elements of inspection: eye-bars, pin and hanger assemblies, gusset plates, bearings and expansion devices.

## CONTRACTOR SERVICES

FOX Engineering has the resources and experience to provide **contractors** with any necessary engineering design required during construction. In addition to the design services previously listed, our contractor services include:

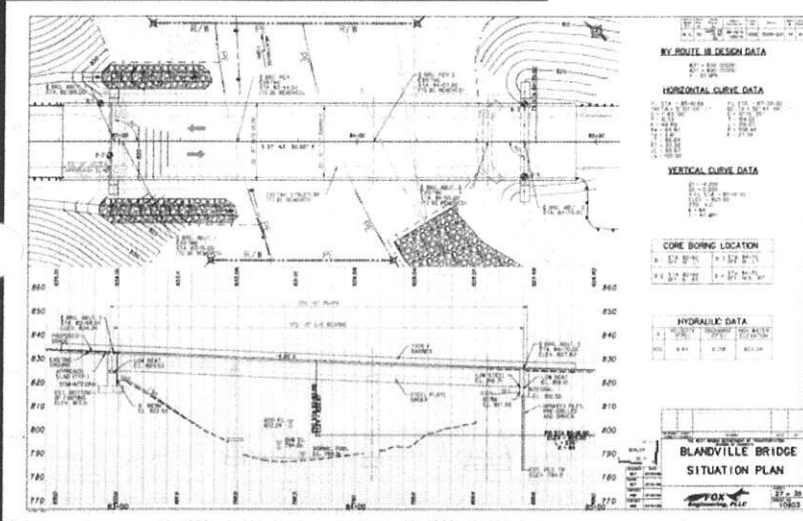
- Temporary bridge and shoring design
- Deck overhang checks
- Causeway analysis and design
- Value engineering



## HIGHWAY DESIGN

FOX Engineering's **highway design** experience encompasses all phases of the highway development process. Our highway design services include:

- Design studies
- New limited access highways
- Complex interchange design/improvements
- Highway/roadway resurfacing, rehabilitation and reconstruction
  - Intersection improvements
  - Safety improvements
  - Maintenance and protection of traffic
  - Hydraulics and hydrology
  - Right-of-way plans
  - Stream mitigation



## SITE DEVELOPMENT

FOX Engineering has the resources and experience to provide **site development** services for large commercial/industrial developments as well as residential developments. Our site development services include:

- Site selection and evaluation
- Preliminary engineering studies
- Site grading and drainage
- Access road design
- Subdivision layout and design
- Parking Lot design
- Permitting
- Master Plan development
- Construction administration



# ● SURVEYING DIVISION



BOUNDARY SURVEYS  
TOPOGRAPHIC MAPPING  
ALTA/ACSM LAND TITLE SURVEYS  
CONSTRUCTION LAYOUT

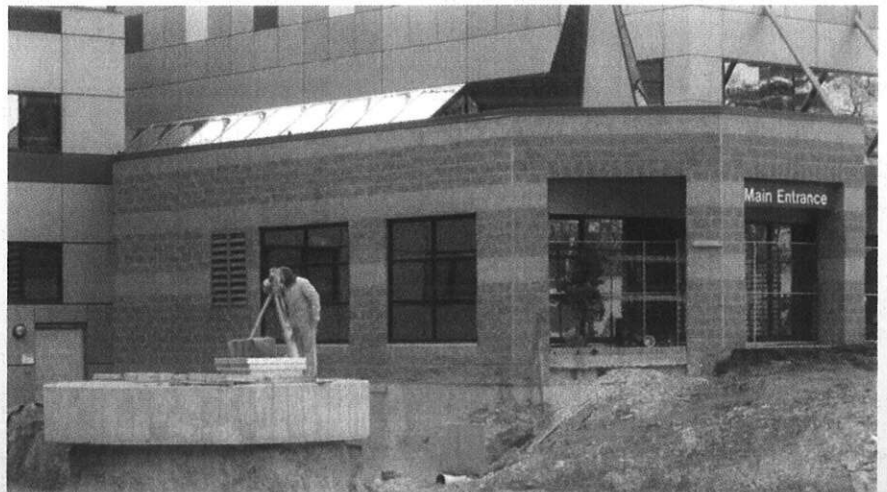
Setting Goals... Raising Standards...



- Rural and residential boundary surveys
- ALTA/ACSM land title surveys
- Courthouse title resurveys
- Architectural & Engineering site surveys
- Topographic surveys and aerial mapping
- GPS and conventional control surveys
- Gas well locations and pipeline mapping
- Utility locations and coordination
- Flood certifications / LOMA applications
- Construction layout and monitoring

**FOX Engineering's** survey staff features a collection of experienced personnel with a multi-disciplined background. This diversity affords us the opportunity to provide a variety of survey related services to our clients.

FOX Engineering has positioned itself to provide the highest quality product while minimizing additional costs passed on to its clients by utilizing both conventional and robotic TOPCON total stations. Conventional crew setups include TOPCON 3005LW wireless total stations in cooperation with TDS Survey Pro, through a wireless Bluetooth connection eliminating potential downtime as a result of cable failure. Gas well location and pipeline crews are outfitted with Trimble Pro-XH sub-foot mapping grade GPS units to insure high quality positions and quick turnaround for the high speed oil and gas industry.

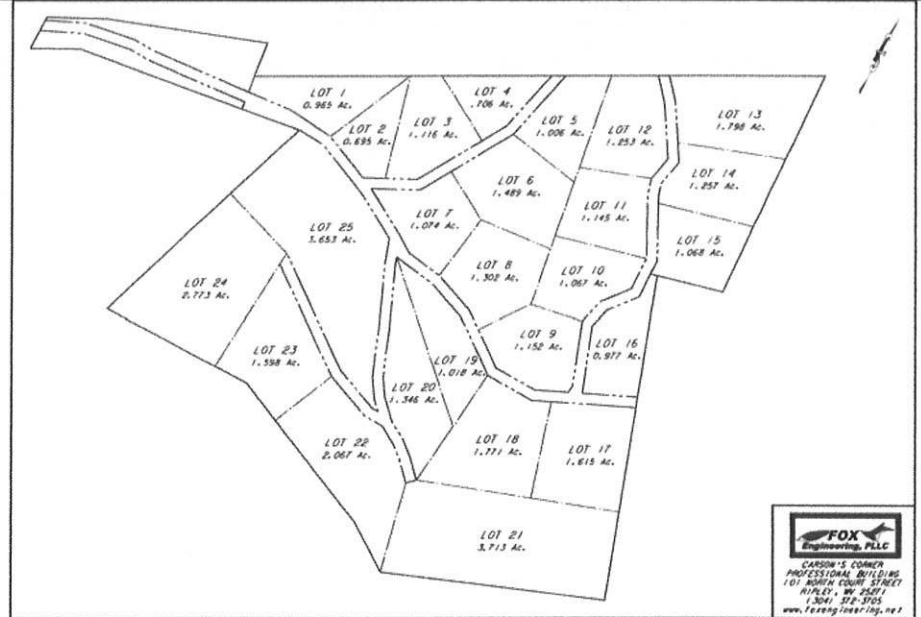
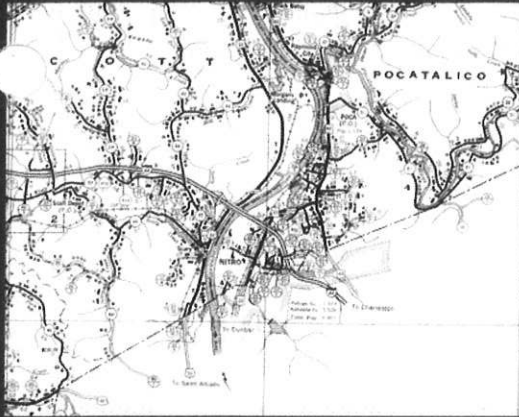


For survey grade GPS results, FOX utilizes Leica System 1200 GPS Smartrovers. The Smartrover is the lightest cable free RTK GPS system in the world. The versatile setup can be used as a typical base-rover setup, or as two standalone RTK-Net rovers depending on the job site. Both Smartrovers are equipped with Leica GNSS technology utilizing both GPS and the Russian Glonass Constellation to reduce downtime in areas where excessive cover blocks visible GPS satellites.

Partnering with Loyola Spatial Systems, FOX is proud to host the first RTK-Net reference station in the state of West Virginia. RTK-Net infrastructure provides increased production and accuracy for all types of surveying and mapping by providing long range capabilities for RTK GPS. Regardless of the application, production is increased by eliminating the need to setup a temporary base station and using a short range conventional radio. Productivity with GPS is more than doubled when compared to short range conventional RTK because the portable base station can be used as a productive rover.



Setting Goals... Raising Standards...



**FOX**  
Engineering, PLLC  
CARSON'S CORNER  
PROFESSIONAL BUILDING  
101 NORTH COURT STREET  
WYOMING, WV 26041  
(304) 574-3705  
www.foxeng.com



### Commercial Site Surveying Services

**FOX** offers a wide variety of surveying services in the commercial side of construction. **Fox** is efficient in structure layout, grade staking and topographic surveys, etc. Fox not only uses conventional survey equipment but is also able to utilize our Leica 1200 GPS Smartrover System. This system is a versatile system the uses real time kinetic rovers with pin-point accuracy. There isn't a commercial site that **FOX** can't tackle from start to finish.

### Residential Site Surveying Services

**FOX** offers a wide variety of surveying services in the residential area. **Fox** is efficient and well versed in boundary surveys, lot staking, mortgage surveys and storm water impoundments. Recently **FOX** has been involved with several subdivision projects, the largest total nearly 100 residential lots and nearly 50 townhouse locations. **FOX** utilizes both conventional and GPS equipment for these residential sites depending on the project.

### Construction Site Surveying Services

**FOX** offers a wide variety of surveying services in the area of construction. **Fox** is versed in constructions layout, cut/fill staking, 3-point referencing and utility verification. **Fox** has been involved with numerous highway and bridge projects with multiple entities and has gained valuable experience that is second to none. **FOX** can fulfill your every construction need with our state of the art GPS equipment and experience.



# ● HIGHWAY CONSTRUCTION DIVISION




*A Registered Trademark of:*



EXCAVATION  
DRAINAGE STRUCTURES  
GUARDRAIL AND FENCING

Setting Goals... Raising Standards...



Highway construction encompasses the roadways and bridges we travel on in every day life , from the simple rural roadway to the complicated urban interchange. These traveled roads get us to and from our places of work, where we live, access to recreation and community, in short provide the means to go about our destinations in our every day life.

**FOX Construction** has assembled a professional Heavy Highway Construction team of field personnel, supervisors and managers which enables it to efficiently construct multiple and diverse projects without compromising timeliness. **We are able to provide budget estimates, hard dollar bids or perform time and materials work.**



- GUARDRAIL / FENCING
- SMALL BRIDGES/RETAINING WALLS
- EXCAVATION
- SEEDING / MULCHING
- EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE
- DRAINAGE STRUCTURES
- SIGNAGE
- FLAGGING

**2008 & 2009**

***CAWV Safety Award Recipient  
for***

***Specialty Contractor Division  
with over 50,000 manhours!***

Setting Goals... Raising Standards...



## GUARDRAIL/ FENCE INSTALLATION

If you traveled anywhere in West Virginia, Ohio, Kentucky or Southern Maryland, chances are you have or will see our work being performed. There is an even higher chance you have driven by our completed projects and never even known it.

Guardrail is something most people take for granted until it saves their lives. According to the Federal Highway Administration on average there are over 6,800,000 people in the U.S. that are involved in roadway accidents resulting in over 2,500,000 injuries and 40,000 fatalities annually.

Guardrail plays a major role in saving the lives of people involved in many of those accidents.

## EXCAVATION SERVICES:

- Roads & Driveways
- Ponds
- Pad Sites & Parking Lots
- Sediment & Erosion Control
- Land Clearing & Grading
- Drainage Solutions
- Demolition & Lot Clean Up
- Retaining Walls

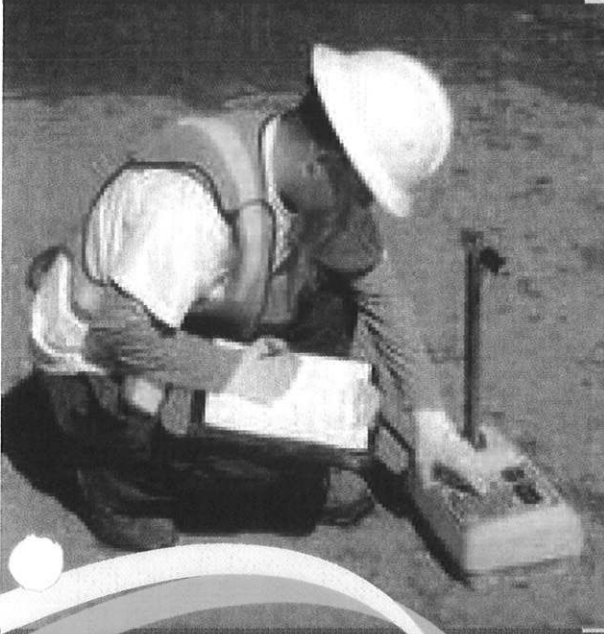
**FOX** has served as a prime and as a sub-contractor for the following types of clients: Department of Highways, churches, shopping centers, banks, community centers and residential driveways.

## CONSTRUCTION INSPECTION

FOX Construction has a diverse team of Construction Inspectors who examine and ensure proper construction of buildings, highways and streets, sewer and water systems, dams, bridges, and other structures

Our Heavy Highway and Bridge Construction Inspectors **are trained, certified and experienced with a working knowledge of the Heavy Highway and Bridge Construction field.** Certifications include: compaction, soils, aggregate, concrete, rebar, erosion and sediment control, etc.

For our clients involved with Commercial and Industrial projects the FOX Construction inspectors make an initial inspection, during the first phase of construction, and follow up with further inspections throughout the construction project to ensure compliance with all codes published by the International Code Council (ICC) as well as state and local code.





# NATURAL RESOURCES DIVISION



PIPELINE SURVEYING  
CONSTRUCTION INSPECTION  
STAFFING  
SUPPORT

Setting Goals... Raising Standards...



### THE FOX DIFFERENCE

- Trained and oriented personnel to meet the project needs.
- 48 hour turn-around on as-built and pre-construction routing drawings.
- On-call abilities within our service area.
- State-of-the-art equipment, vehicles, and training.
- Safety awareness and training of our employees.



## PIPELINE ROUTING AND LAYOUT

FOX Engineering is one of the leading pipeline surveying companies in the industry, offering extensive pipeline mapping services for the most demanding projects. FOX provides GIS fieldwork and mapping for pipelines, along with the creation of digital files for use in your mapping systems. All products delivered in client specified formats such as PDF, JPEG, AutoCAD and MicroStation.

FOX works with Pipeline Operators, to provide accurate system maps for analysis.

We utilize only the most current technology to perform these functions, including the Trimble GeoXT handheld GPS device, and Vivax / Metrotech line locating equipment along with the industry's leading software packages for GIS and mapping functions.

FOX has the means to acquire key GPS coordinates along your pipeline system to establish a pipeline centerline and depth. GPS coordinates are obtained at known points along the pipeline system such as road crossings. We then utilize the existing pipeline survey to establish a centerline between the known points. This method is typically the most cost effective means of establishing an initial pipeline centerline for risk assessments. FOX provides all GPS data acquisition crews and equipment for your GIS project.

When no existing maps exist, As-built mapping requires much more detailed information. When collecting data for as-built mapping our field crews cover every foot of the line gathering data at intervals or stations as requested by our client. FOX will also record data at each facility (such as drips, valves and other connections) along with a description of the type of facility.

As a multi-disciplined engineering, surveying & mapping company, we have the ability to use any technology to deliver the right solution to fulfill our clients' needs.

**2008 & 2009**

**Contractor's Association  
of West Virginia Safety  
Award Recipient for  
Specialty Contractor  
Division !**

### **SAFETY—ZERO ACCIDENTS!**

*Safety is the most important aspect of every FOX ENGINEERING project. Nothing is more important than human life. Our Health and Safety Program is structured in a manner that meets or exceeds the industry standards for health and safety while maintaining the most cost-effective service for our customers.*

*FOX Engineering's Behavior Based Health and Safety System (Zero Accidents) focuses on preventing or reducing safety incidents by using behavior-based tools and management techniques. This system identifies and eliminates risk before it occurs, and is a proven, effective tool that has been integrated into FOX Engineering's business philosophy.*

## EQUIPMENT

FOX Engineering PLLC uses state-of-the-art technologically advanced field equipment, Trimble GPS sub-meter and RTK receivers. All crews are equipped with 4 wheel drive pickup trucks and cell phones. ATV (side-by-side) vehicles are also available at the request of the client.

## LAND TITLE WORK

Whether your needs relate to land or title work, we will be able to assist you with leasing of all types:

- Right-of-way claims work
- purchase or sales contracts
- negotiating for the acquisition of mineral rights
- agreements that provide for the exploration for and/or development of minerals
- determining ownership in minerals through the research of public records
- reviewing the status of title
- curing title defects and otherwise reducing title risk associated with ownership in minerals
- managing rights and/or obligations derived from ownership of interests in minerals
- unitizing or pooling of interests in minerals

## PRE-CONSTRUCTION ROUTING

Selecting the route for a pipeline is a very difficult and complex task that can take months of effort. The start and end points can be several miles apart, and between them there is an obstacle course of mountains, rivers, wetlands, homes, barns, and areas that are simply unsuitable for pipeline construction. FOX Engineering has a team of Preconstruction Routing professionals that find the most cost-effective, safest and most environmentally friendly route to connect those two end points. Their skills and unique qualifications include map reading, topography interpretation, construction knowledge, and constructability training.

## GAS WELL LOCATION SURVEY & DEVELOPMENT

FOX Engineering assesses and documents the physical conditions of proposed drilling sites then we work with our clients to determine if the proposed site constructability is feasible. Our team of professionals can assess your current site conditions and provide the certification necessary to protect your future assets.

Dependable, accurate surveys are the foundation for successful planning, design and construction. We use state-of-the-art equipment and technology to provide our clients with the most accurate, up-to-date survey data and mapping. These services include Boundary Surveys, Mapping of natural features of the proposed drilling site by using Global Positioning System (GPS) for documentation, Impoundment Design for Water Storage, Construction Stakeout Surveys, Erosion and Sediment Control Design, Impoundment Design for Water Storage and Third-party documentation.

## CONSTRUCTION INSPECTION AND OVERSIGHT

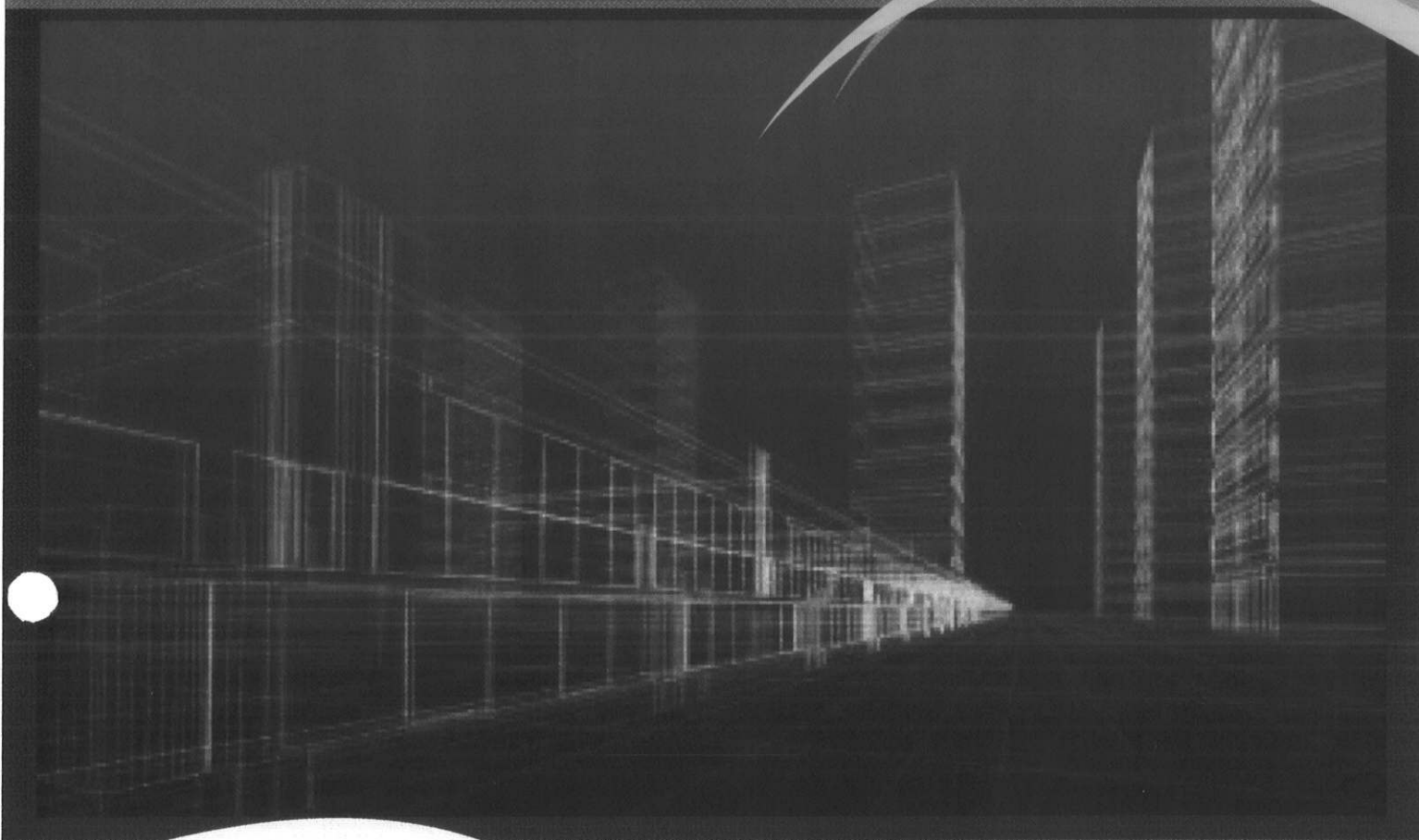
Our field trained Inspectors have an extensive background in pipeline construction oversight and inspection. Our inspection personnel are available for all types of field projects to not only witness the quality of work performed, but to verify compliance with applicable safety and related industry requirements. Our area of expertise includes preparation of right-of-way for conformance with contract agreement, verification of depths and alignments of trenches, quality assurance and quality control of pipeline construction during installation to conform to contract specifications.

## AS-BUILT SURVEYING AND MAPPING

The on-set of FOX Engineering's Pipeline services came from creating a tool for the industry to track a projects progress and document any construction deficiencies. We have found that areas of a system that had troubles during installation also exhibit failures on-line. With the history of a line documented, your personnel will have all the information to make informed decisions. As-built details that are created as the line is installed are more accurate than a post-construction survey. Our mapping is created "AS the line is BUILT" in real time with a 48 hour turn-around for updated mapping and details.



# ● COMMERCIAL CONSTRUCTION DIVISION



*A Registered Trademark of:*



PRECONSTRUCTION SERVICES

COMMERCIAL REMODELING

DESIGN / BUILD PROJECTS

PROJECT MANAGEMENT

Setting Goals... Raising Standards...



*"Our approach to Construction is proper planning, craftsmanship, reliable information and quality client communications."*

*John C. Casey, Operations Manager*

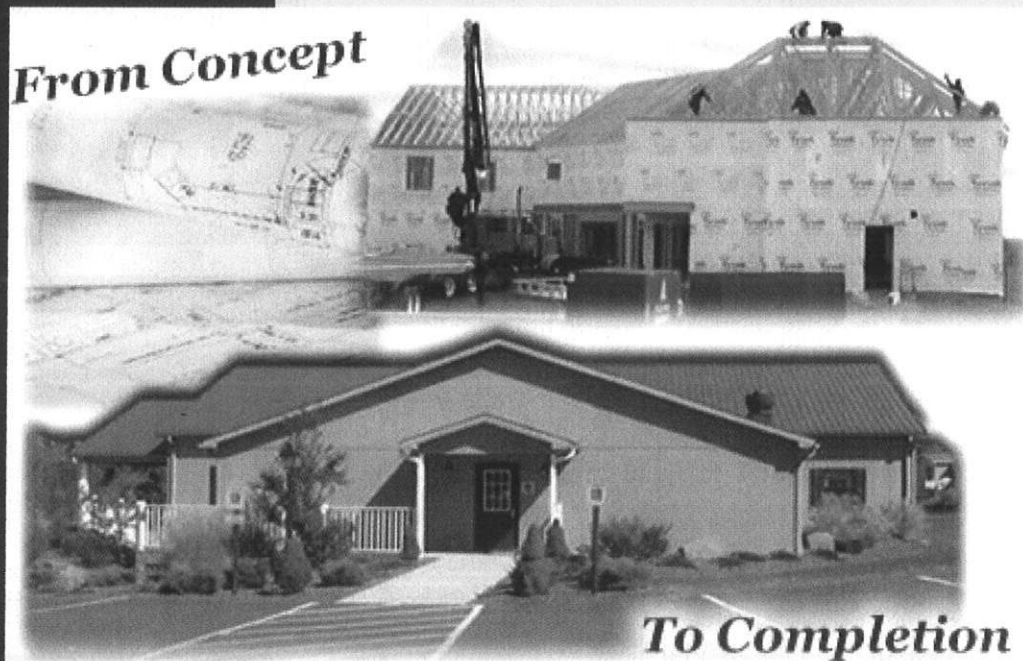
**FOX Construction** is a general contracting company made up of a select group of individuals with a high level of construction experience. FOX Construction specializes in Design Build Construction, Commercial Construction and Industrial Construction.

**FOX Construction's** primary goal of meeting the customers' construction needs through quality workmanship and successful relationships is proven by our expanding base of repeat clients.

**FOX Construction** offers construction services, preconstruction services, job site and project management, administrative support, and document control.

**FOX Construction** evaluates projects for constructability, provides cost estimates, helps maintain project scheduling, and works with owners to meet quality and time objectives. FOX Construction can suggest cost effective means of construction and help select the best subcontractors for each project.

Once a project is begun, **FOX Construction** maintains full-time team members on site and in the field who are responsible for all daily logs, reviewing quality and timeliness of subcontractors, conducting safety meetings and maintaining good communications with the owner



Setting Goals... Raising Standards...

## DESIGN - BUILD CONSTRUCTION



FOX's most effective form of service delivery is **Design-Build**.

This turnkey operation allows us to manage and coordinate all phases of the construction process, including the installation of special equipment, interior accessories and landscaping. This provides you with a new, complete facility, ready to serve its purpose immediately.

### *Advantages of Design Build Construction*

More and more each year, design-build is recognized as having many advantages over traditional design-bid-build processes. Let FOX help you through your project and you will be advocating this superior system to all your peers.

- *Faster delivery time from start to finish - Bidding time and redesign time is eliminated. Procurement and construction can begin before all detailed working drawings are completed.*
- *No multiple contractual relationships with several different firms – **FOX Construction** is completely responsible and accountable for the entire project.*
- *Project budgets are determined much earlier - A Guaranteed Maximum Price can be determined soon after the scope of the project is established.*
- *Reduced incidental costs and uncertainty - Because **FOX Construction** strives to include any and all extras in a comprehensive price from the start, costly change orders due to drawing and specification modifications are greatly reduced.*
- *Less effort and time investment needed from you – **FOX Construction** coordinates all meetings, responsibilities, and administration of design and construction teams*

## PROJECT MANAGEMENT



FOX Construction's Project and Construction managers plan, direct, and coordinate a wide variety of construction projects, including the building of all types, commercial, industrial structures, roads, bridges, schools and hospitals. Our Project and Construction Managers may oversee an entire project or just part of one depending on the clients needs. We can schedule and coordinate all design and construction processes, including the selection, hiring, and oversight of specialty trade contractors.

Our managers coordinate and supervise the construction process from the conceptual development stage through final construction, making sure that *the project gets done on time and within budget.*

Setting Goals... Raising Standards...

**FOX Engineering** is a multi-disciplined consulting engineering firm offering innovative solutions to our clients. FOX Engineering is a certified Disadvantaged Business Enterprise (DBE) in Engineering Design services as well as Surveying and Mapping services. Our professionals possess over 60 years of experience in the transportation design field.

FOX Engineering provides surveying, civil engineering, construction inspection, contractor services and structural inspections to our clients including government agencies, municipalities, consultants, contractors as well as private clients. By providing this wide range of services, FOX Engineering can work as the lead engineer performing most aspects of projects in house, from the initial planning and analysis to the design and construction while still providing larger firms the types of services they often seek in sub-consultants.

When you couple the experience level available at FOX Engineering with the employees' strong work ethic and commitment to quality, it is easy to see how FOX Engineering would be a valuable addition to your next project. Add to that the benefit of the Disadvantaged Business Enterprise credit earned from working with FOX and you can see why the company has undergone such phenomenal growth. The DBE credits are only as valuable as the work that goes along with them, and FOX's recruitment of a top level staff with a range of expertise is one particular asset to working with FOX Engineering.



Setting Goals... Raising Standards...



## FOX Engineering, PLLC Ripley Office

101 North Court Street  
Ripley, WV 25271

304.372.3705 ph  
304.372.4100 fax

## FOX Engineering, PLLC Fairmont Office

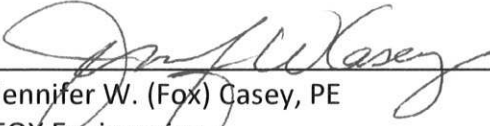
1000 Green River Drive, Suite 101  
Fairmont, WV 26554

304.534.3245 ph  
304.534.3247 fax

[www.FOXEngineering.net](http://www.FOXEngineering.net)

4.2.2 g. FOX Engineering Description of Litigation

FOX Engineering is not involved in any litigation or arbitration proceedings, including vendor complaints filed with the State's Purchasing Division, or disputes with any other agencies in The State of West Virginia.

  
\_\_\_\_\_  
Jennifer W. (Fox) Casey, PE  
FOX Engineering



Expression of Interest:  
Building 4 Renovations GSD 126401

4.2.3 Project Organization

- a. Information on the personnel who will manage and persons proposed to be assigned to the project. Location of FOX Engineering's Team. Location of where the project will be managed and the work performed. Project organization chart including key personnel and the proposed organization of the project team.
- b. Statement of the FOX Engineering team's ability to provide services within the project time frame and a proposed project schedule outlining the key phases.

4.2.3 a. Fox Engineering Team-Information on managing personnel and locations

**Architectural & Engineering Expression of Interest  
Building 4 Renovations GSD126401**



**Department of Administration  
General Service Division**

**Principle In-Charge - FOX**  
Jennifer W. (Fox)Casey, PE \*

**Project Engineer - FOX**  
Daniel Metheny, PE \*

\* Denotes Key Staff  
\*\* Denotes Managing Location

**Fox Engineering, PLLC\*\***  
101 North Court Street  
Ripley, WV 25271  
**Project Management:**  
Brian Tregoning\*

**DLH, PLLC.**  
112 JD Road, Suite 4  
Lewisburg, WV 24901  
**Architect:**  
Daniel Lucas Hart, AIA \*

**Michael Gioulis**  
614 Main Street  
Sutton, WV 26601  
**Historic Preservation  
Consultant**  
Michael Gioulis\*

## 4.2.3 b. Statement of FOX Engineering team's statement of ability

The team is able to provide the services requested within the project time frame. We have consistently been on time and within budget with our projects in the past. A projected schedule follows:

Meet with client and determine scope and program "Waiting period for contract"	Month 1
On site investigations and documentation Base plans of existing conditions Analysis of constraints, code issues etc.	Month 3
Analysis of program issues Meet with client to review analysis	Month 4
Proposed solutions Schematic design phase	Month 5
Review with client Phase identification	Month 7
Budget estimates for phases	Month 8
Material and methodology development/selection	Month 10
Budget estimate review	Month 11
Construction document preparation (in phases as required)	Month 12

Expression of Interest:  
Building 4 Renovations GSD 126401

4.2.4 Demonstrated Experience

- a. FOX Engineering Team, relevant projects demonstrating the team's ability to execute projects similar to those described in this Expression of Interest.
- b. FOX Engineering Team references for the last five clients for whom the firm has conducted projects of a similar size and type.

## 4.2.4 a. FOX Engineering Team's Relevant Projects

**Federal Government, GSA Projects****Sidney Christie Federal Building***Huntington, West Virginia**2006-2010*

Our firm has worked on several projects on this building, including the rehabilitation of the courtroom, exterior work, and a window and door replacement project. The courtroom project entailed the rehabilitation of the interior of the courtroom. The exterior work included site improvements and canopy restoration. The window and door replacement project included color selection, selection of manufacturers, glass selection, etc. Landscaping improvements included plantings, curbs and bollards.

**Wheeling Federal Building***Wheeling, West Virginia**2005-2010*

As part of a Section 106 Review, our firm was involved in a window restoration project and a rest room rehabilitation project for this building. We investigated the historic window and door configurations, as well as the existing conditions, and proposed treatments and provided recommendations for the repair, finishes and replacement of the doors and windows. The rest room rehabilitation project entailed the rehabilitation of the rest rooms for ADA compliance.

**Mt. Hope Federal Building***Mt. Hope, West Virginia**2009-2010*

Our firm conducted a Section 106 Review for the Mt. Hope Bundle Project, addressing increased energy and operational efficiency of the building through various upgrades. Several options were presented to increase the thermal performance of the existing windows, with recommendation that all windows be replaced to match the originals. All individual heat pumps and the cooling tower were also replaced.

*Contact/Reference:*

*Mr. William R. Whittington, Jr.  
General Services Administration  
300 Virginia Street East  
Charleston, WV 25301  
(304) 347-5155 ext. 18*

Daniel L. Hart Projects

**Hinton Technology Center:** New construction of a technology office building and parking facility. The new building is located within a historic downtown district listed on the National Register of Historic Places. The design was compatible with the historic character of the district and was reviewed by the WVSHPO. Project was 72,000 sf.; four stories; \$8.4 million.



**Medical Office Building:** The Dialysis Center and the Work Force WV second floor, an existing building located in Anmoore, Harrison County, WV, were renovated. Project was 30,000 sf.; 2 stories; \$5 million.

**Dr. Johnson Building:** An office building located in Beckley was renovated. Project was 12,000 sf.; 2 stories; \$1.2 million.

**Dr. Tom Karrs Office:** A dormitory in Beckley was renovated into office space. Project was 16,000 sf.; 1 story; \$2 million.

MG: see two separate Gioulis project sheets

Part of team for analysis and rehabilitation of Huntington Federal Office Building.  
Part of team for analysis and rehabilitation of Building 3, WV State Capital Complex  
Part of team for rehabilitation and analysis of Mt. Hope Federal Building rehabilitation  
Part of team for analysis and rehabilitation of Sydney L. Christie Federal Building, Huntington

# Jackson County Courthouse

Architectural and  
Engineering Consulting



## PROJECT DESCRIPTION

FOX Engineering has been utilized for architectural recommendations and management for various exterior and interior restorations. These include: new copper roofs, windows, and repairs to plaster, masonry, and stone. Services also include bidding, construction contract administration, and construction inspection.

## PROJECT STATISTICS

### PROJECT LOCATION

Ripley, West Virginia

### CONTRACT AWARD DATE

From 2004-Present

### COMPLETION DATE

Various

### CONTRACT AMOUNT

Cumulative - \$3 Million

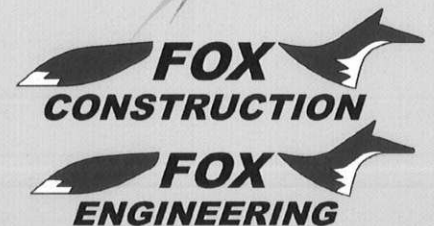
### OWNER OR CLIENT CONTACT

Jackson County Commission

PO Box 800

Ripley, WV 25271

Attention: Mr. Don Stephens, President  
(304-372-2011)

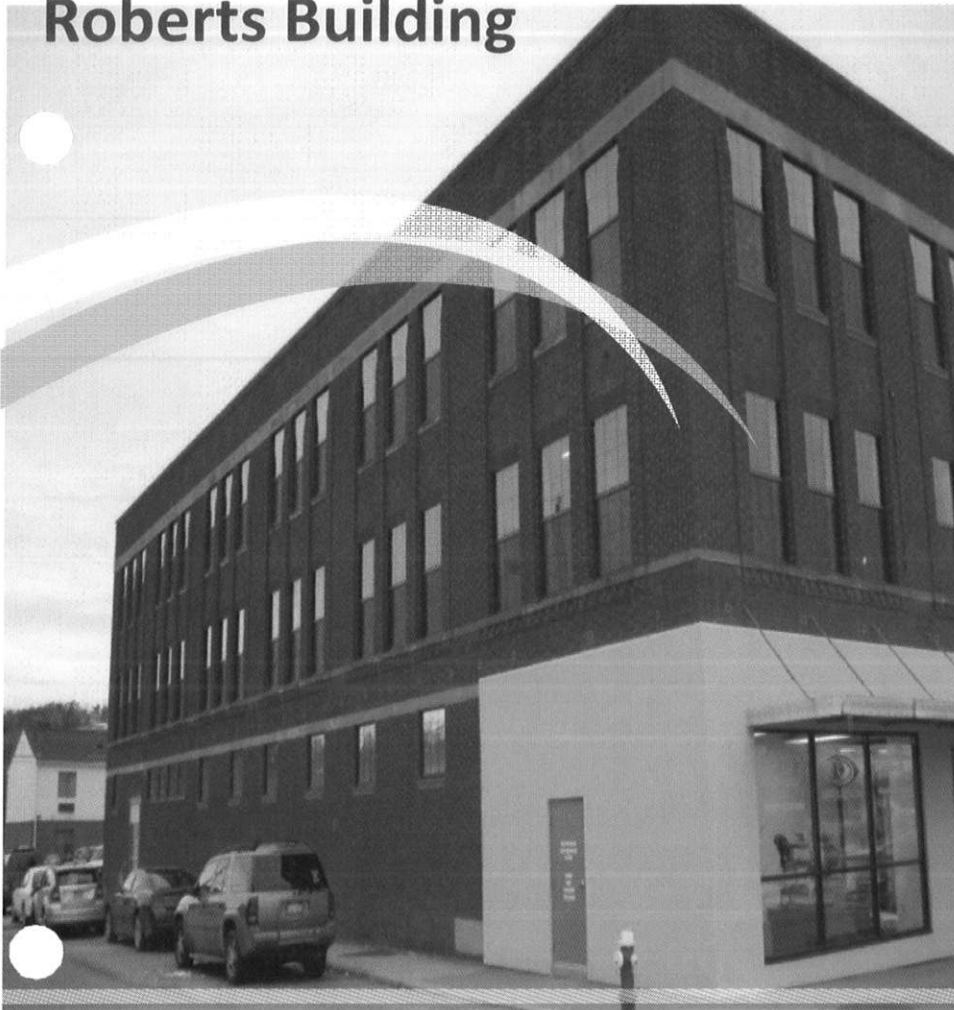


101 North Court Street  
Ripley, WV 25271  
(304)-372-3705

[www.FOXEngineering.net](http://www.FOXEngineering.net)



# Roberts Building



Engineering and Renovation

## PROJECT STATISTICS

### PROJECT LOCATION

Milton, WV

**Owner:** Ronald Foster

### ORIGINAL CONTRACT AWARD DATE:

September 2010

### ORIGINAL COMPLETION DATE:

December 2010

### FINAL COMPLETION DATE:

November 2010

### ORIGINAL CONTRACT COST:

\$853,961.00

### FINAL CONTRACT COST:

\$851,371.00

## PROJECT DESCRIPTION

- **Brief Scope-** The building is a 3-level masonry and wood building with steel main beams and columns built in 1906. This structure is located at the corner of Main & Pike Streets . The three story structure had been affected by fire and was vacant and unusable before construction. Fox construction scope of work consisted of building out the first floor of the structure for public office space and fitting up the second and third floor for future multi-family build out.
- The scope of work on this project was a 7,000 sq ft demo and build out of the first floor office space. Fox Construction performed the framing and finish work. The finish work consisted of hanging a drop ceiling, installing custom casework, trim package, hanging six panel wood doors and building restroom facilities.
- The client requested an early move-in date. FOX increased production and accelerated all sub-contractors to meet the Client's request.

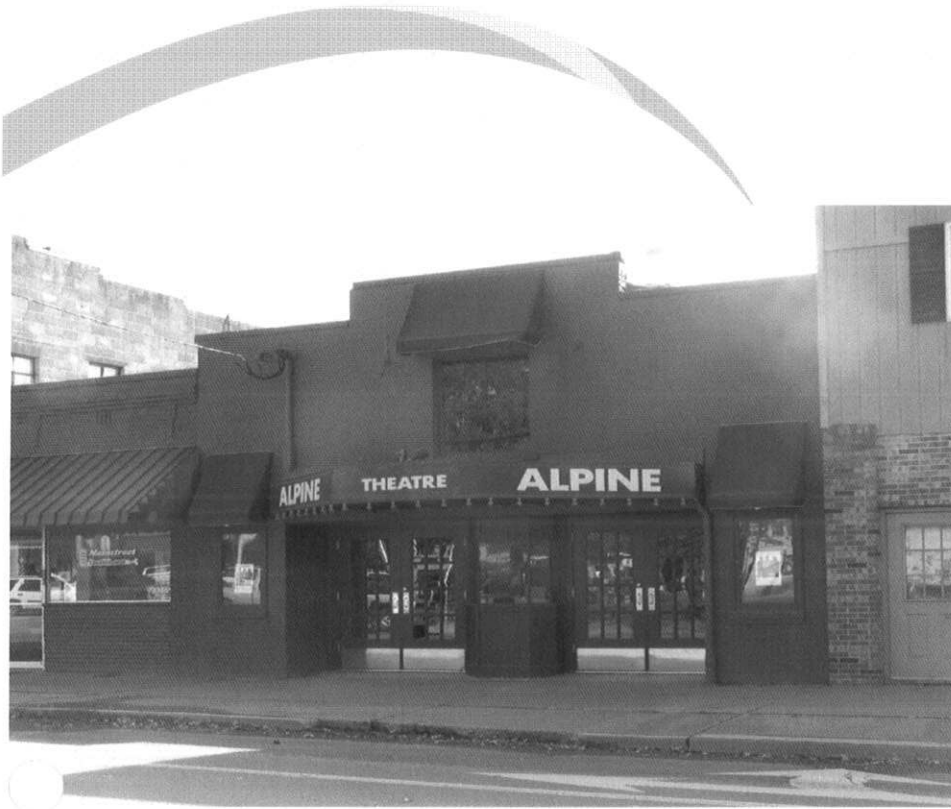


101 North Court Street  
Ripley, WV 25271  
(304)-372-3705

[www.FOXEngineering.net](http://www.FOXEngineering.net)

# Alpine Theater

Architectural, Engineering  
and Restoration Consulting



## PROJECT DESCRIPTION

FOX Engineering was responsible for securing grants, planning and supervising the complete restoration of the historic Alpine Theatre. The preservation of the interior and exterior architecture was critical in restoring the theatre to its original ambience. The Alpine is a 122-seat facility that serves the citizens of Jackson County with arts and entertainment commonly found in larger cities.

## PROJECT STATISTICS

### PROJECT LOCATION

Ripley, West Virginia

### CONTRACT AWARD DATE

2004

### COMPLETION DATE

2005

### CONTRACT AMOUNT

\$450,000

### OWNER OR CLIENT CONTACT

Main Street Ripley

Post Office Box 89

Ripley, West Virginia 25271

Attention: Ms. Monnie Landis, Director  
(304-372-1637)



101 North Court Street  
Ripley, WV 25271  
(304)-372-3705

[www.FOXEngineering.net](http://www.FOXEngineering.net)

4.2.4 b FOX Engineering Team References

**SELECT FOX ENGINEERING TEAM REFERENCES**

Mr. Robert Krause  
General Services Division  
Capitol Complex  
Charleston, WV 25305  
304-558-9018  
*West Virginia State Office Building 3, Charleston  
Interior Paint Color Analysis*

Mr. William R. Whittington, Jr.  
General Services Administration  
300 Virginia Street East  
Charleston, WV 25301  
304-347-5155  
*Sidney Christie Federal Building, Huntington  
Courtroom Rehabilitation; Window & Door Replacement Project;  
Site Improvements & Canopy Restoration*

Mr. Paul Ghadiri  
HDM Associates  
135 Hanbury Road West  
Chesapeake, VA 23322  
757-410-0682  
*Mt. Hope Federal Building  
Energy Upgrade Project for Windows and HVAC Systems*

Ms. Jerie Whitehead  
Kanawha County Commission  
407 Virginia Street, East, Third Floor, Room 229  
Charleston, WV 25301  
304-357-0115  
*Kanawha County Courthouse, Charleston  
Roof & Masonry Facade Restoration*

Ms. Donna Andrews  
General Services Administration  
20 North 8th Street, 8th Floor  
Philadelphia, PA 19107  
215-446-4570

*Huntington Federal Building  
Increased Building Energy and Operational Efficiency Project*