# **EXPRESSION OF INTEREST** STATEMENT OF QUALIFICATIONS

# Architectural Planning & Design 1102 West Memorial Boulevard – Suite 107 – Huntington, West Virginia – 304-521-2929

for the

OFFICE OF MINERS' HEALTH, SAFETY AND TRAINING 1615 Washington Street East Charleston, West Virginia

September 15, 2009



# Architectural Planning & Design

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WV PURCHASING DIVISION

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

# Request for \_\_\_\_\_RECHUMBER

**HST1012** 

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FRANK WHITTAKER 304-558-2316

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Architectural Planning & Design 1102 West Memorial Boulevard, Suite 107 Huntington, West Virginia 25701

HEALTH, SAFETY AND TRAINING OFFICE OF MINERS' 1615 WASHINGTON STREET EAST

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

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OFFICE OF MINERS

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State of West Virginia
Department of Administration
Purchasing Division
2019 Washington Street East
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# Request for Quotation

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FRANK WHITTAKER 304-558-2316

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HEALTH, SAFETY AND TRAINING OFFICE OF MINERS' 1615 WASHINGTON STREET EAST

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CHARLESTON, WV 25311

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#### STATE OF WEST VIRGINIA **Purchasing Division**

# **PURCHASING AFFIDAVIT**

VENDOR OWING A DEBT TO THE STATE:

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code. The vendor must make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the West Virginia Code and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the West Virginia Code may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/ noticeConfidentiality.pdf.

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

Vendor's Name: Robert J. Summerfdlet, Architect	ctural Planning & Design
	Date: 9/15/09
Authorized Signature:	
Purchasing Affidavit (Revised 01/01/09)	

#### ARCHITECTURAL PLANNING AND DESIGN

Robert J. Summerfeldt, A.I.A., Registered Architect

1102 W. Memorial Blvd, Suite 107, Huntington, WV 25701 Phone - (304) 521-2929 FAX - (304) 521-2933

Email - Apdris264@aol.com

September 15, 2009

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

RE: WV MHS&T- Mine Rescue & Training Facility RFQ: HST1012

#### **EXPRESSION OF INTEREST**

We are pleased to present our Expression of Interest and Statement of Qualifications for the architectural and engineering services for a comprehensive mine rescue and training facility for the MHS&T. We understand the project will include a facility to house the rescue vehicles and other related equipment used to respond to mine emergencies and provide a training environment for the employees of the MHS&T.

We provide full-service A/E services to our clients. APD has produced many large and complex projects for a variety of government and private entities for more than thirty years. These projects have ranged in size and complexity from small ADA updates for existing buildings to large multi-million dollar projects for new construction. The location of our projects has ranged from Kentucky to the far reaches of the Eastern United States. It is our extensive training and experience that permits us to effectively and creatively undertake the design of various project types and building uses as we develop attractive, pragmatic and cost-effective building solutions for our clients.

Our team can provide site selection, review and recommendations, design development, construction drawings, bid documents, bid review and recommendation, on-site observation, progress meetings, punch list, final review and follow-up.

Our research has produced a broad foundation of resources for the implementation of the new MHS&T project. We appreciate the opportunity to serve you.

Sincerely,

Røbert J. Summerfeldt, A.I.A.,

President APD, Inc.

#### **RELEVANT EXPERIENCE & REFERENCES**

Our operations are scaled to meet the demands of our clients as we demonstrate a broad range of capabilities. The following projects involve offices, training spaces, security and multi-functional uses for the most efficient, cost effective building plans.

- cost effective building plans. Grayson Volunteer Fire Department, Grayson, KY - The 10,000 square foot building consists of the fire department operations, educational rooms and training facility for first responders. The community center will accommodate the city council chambers and provide full services for civic and private functions including use of a commercial kitchen. Education and training spaces are included in areas as classroom settings, and meeting room. Contact and reference: Duane Suttles, Kentucky Fire Commission, 606-922-7671; Greg Felty, Grayson Fire Chief, 606-316-6377 and George Steele, Mayor, 606-474-6651. Boyd County EMS, Ashland, KY - Two stations were designed for the EMS within the Boyd County area while affiliated with a Kentucky architectural firm. Kings Daughters Hospital, Ashland, KY - Design and construction involved several areas of the campus including new patient lobby and registration as well as emergency room access. Street access for vehicles and pedestrians to immediate hospital patient service areas was a primary safety concern. Medical building, Huntington, WV - This facility has undergone close study in order to determine the most efficient use of the land. The Owner's options have been considered for use as condominiums, onestory or multi-story buildings, medical and/or retail. Architectural plans are in the Construction Document Phase for a 7200 square foot ground floor plan soon to be ready for bidding. Private Hospital, Huntington, WV - We are designing for additional patient rooms and an improved geriatric treatment for renovations to the existing building. Updating building code compliance and surveying the current status of the buildings' mechanical systems has been part of the requirements. □ Citizens for Veterans Association, Memorial Park, Grayson, KY - Construction is underway for various phases of the construction. The park includes specific areas designated for meditation and reverence, military services and education as well as separate areas for civic events and festive community gatherings. Contact and reference: Mr. Mike Malone, CVA, 606-252-0254. □ Wurtland City Building, Wurtland, KY – The project documents are complete and construction has been planned for a future date due to the current economic conditions. The facility will house the City of Wurtland's post office, water service, sewage service, police department and city administrative offices. It will include a meeting facility for city council and community functions. It is designed for multi-purpose uses to allow maximum flexibility for customers' use and municipal operations. Contact and reference: Councilman Wayne Melvin, 606-836-6291 Grayson Rural Electric Cooperative Corporation, Grayson, KY - Renovation and addition to the main
  - Grayson Rural Electric Cooperative Corporation, Grayson, KY Renovation and addition to the main office with an emphasis on staff security and customer convenience. This project modified the existing 1929 structure to reconfigure the customer service facilities, and add approximately 6,000 square feet of administrative and engineering offices and a training area on the rear of the historic building. Contact and reference: <u>Don Combs, Manager of Finance & Accounting, 606-474-5136.</u>

#### Architectural Planning & Design

#### **MANAGING PROJECT COSTS & TIME**

These current projects are examples of carefully managing the Owner's budget.

PROJECT NAME	INITIAL PROJECTED COST	FINAL COST
HEADSTART CENTER	\$137,750.00	\$130,778.60
RURAL ELECTRIC COOPERATI	VE \$572,271.00	\$561,209.16
FIRE DEPARTMENT	\$1,250,000.00 BUDGET	\$1,167,129.00 BID AWARD

These projects are examples of carefully managing the Owner's time schedule.

PRO IFCT	NAME	TIME FRAM
PROJECT.	NAME	TIME FRAM

HEADSTART CENTER	The project successfully completed construction
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before the Owner's designated date. Work was coordinated with the school system's semester and

holiday breaks.

COMMERCIAL BANK The construction progressed without disrupting any

banking business hours.

BANK ONE The complete renovation of the Barboursville bank

was designed and built within a 120 day limit.

#### **PROJECT DESIGN TEAM**

**ARCHITECTURAL PLANNING & DESIGN** – We are a full-service architectural firm located in Huntington, West Virginia. We have a diverse practice mainly in West Virginia, Kentucky, and Ohio. We are skilled in new construction, renovations and additions in virtually all types of building construction projects and building uses. Our firm consists of:

**Robert J. Summerfeldt, A.I.A.** – Registered Architect – Owner and principal architect with thirty-five years of experience in the field and a resident of the Tri-State area since 1975. He is widely experienced in all types and sizes of design and construction projects.

**Jackie Clevenger, Assoc. A.I.A.** – She has been with the firm since 1996. She is widely experienced in architectural design and construction, interior and lighting design. Ms. Clevenger has worked in construction related services in the area since 1977. Her family has a history in the mining industry.

HARPER ENGINEERING - St. Albans, WV - Mechanical and electrical engineering.

TERRADON, Inc. - Poca, WV - Civil engineering and landscape architecture.

CAS ENGNEERING- Alum Creek, WV - Structural engineering.

FLOYD HAYMOND, F H SERVICES - Ashland, KY - Cost estimating.

COL. (RET.) DAVID M. DAVISON A-US - South Charleston, WV - Consultant on logistics and equipment.

Full resumes are attached.

#### PROJECT AND FIRM LOCATION

With our offices in Huntington and our consultants in Kentucky and West Virginia, we are competitively located and ideally suited to undertake this project. Our high standards of dedication to each project will be a great asset to the needs of the MHS&T for the comprehensive facility to house rescue vehicles and related equipment as well as provide facilities for staff training on the methods of mine rescue.

#### **EEO and DBE POLICIES**

APD does not discriminate in any way on the basis of gender, race, creed, age, national origin, religious or sexual orientation in our personnel or consultant selection processes. We include women-owned businesses, Disadvantaged Business Enterprises and military veterans whenever their specialties match the project's needs.

We are proposing to work very closely with you during this planning, design and construction project, ensuring that the finished product looks good, functions as intended and has been produced at the lowest reasonable cost. As you consider the selection of your architect/engineering team, we trust you see that we at Architectural Planning & Design can provide these services with unparalleled personal and attentive service, making your participation in this project a successful experience. We are very much looking forward to working with you.

### ARCHITECTURAL PLANNING AND DESIGN

Robert J. Summerfeldt, A.I.A., Registered Architect

1102 West Memorial Boulevard, Huntington, WV 25701 (304) 521-2929 FAX - (304) 521-2933 Email - Apdrjs264@aol.com

#### STATEMENT OF QUALIFICATIONS

ROBERT J. SUMMERFELDT, A.I.A., President APD, Inc.
1102 West Memorial Boulevard, Suite 107
Huntington, WV 25701
(304) 521-2929

#### **EDUCATION**

Trenton Central High School Trenton, New Jersey, 1962

Carnegie Institute of Technology Pittsburgh, Pennsylvania, 1967 Bachelor of Architecture

#### PROFESSIONAL CREDENTIALS

Professional examination, June, 1973 (Pennsylvania)
Registration currently held in West Virginia, Ohio, Kentucky, Virginia and Pennsylvania
NCARB Certified

#### **AFFILIATIONS**

American Institute of Architects
West Virginia Society of Architects
Construction Specifications Institute
Goodwill Industries of KYOVA Area, Inc. Board of Directors
Huntington Foundation Baord of Directors
National Home Builders Association - Remodelor's Council

#### **WORK HISTORY**

- January 1982 to the present: Owner, ARCHITECTURAL PLANNING AND DESIGN, Huntington, WV.
- June 2004 to December 2006: Sunset Structures, LLC: Staff architect (consultant).
- June 1983 to October 1987: John D. Meyers and Associates, Architects, Ashland, KY: Project architect & manager of production staff.
- February 1976 to December 1981: Dean, Dean and Kieffer, Architects, Huntington, WV: Project architect.
- September 1975 to February 1976: Robert L. Brown, A.I.A., Huntington, WV: Project architect.
- May 1972 to August 1975: Loeffler-Johnson and Associates, Architects, Pittsburgh, PA: Project architect.
- June 1969 to May 1972: United States Air Force: As a Staff Sergeant (E-5) I functioned as a project architect while assigned to the Base Civil Engineer's Office, Myrtle Beach Air Force Base, Myrtle Beach, SC.
- June 1967 to May 1968: George R. Simons, Registered Architect, Pittsburgh, PA: Architectural draftsman.

#### REPRESENTATIVE PROJECT DESIGN AND MANAGEMENT EXPERIENCE

- BOYD COUNTY EMS Ashland, KY Design of two EMS stations within the county.
- TRI-STATE AIRPORT, HUNTINGTON, WV Renovations and new entrance canopy.
- TRI-STATE TRANSIT AUTHORITY Huntington, WV Office building, bus facilities and former GREYHOUND BUS DEPOT.
- WEST VIRGINIA VETERAN'S HOME Barboursville, WV Eight renovation projects.
- CABELL COUNTY VOCATIONAL-TECHNICAL CENTER, Huntington, WV.
- WOLF CREEK BAPTIST CHURCH Grayson, KY New fellowship hall, kitchen, handicap restrooms, etc.
- LEWIS MEMORIAL BAPTIST CHURCH Huntington, WV New church building.
- TRINITY EPISCOPAL CHURCH Huntington, WV Education building evaluation.
- TRINITY EPISCOPAL CHURCH Huntington, WV Columbarium.
- FIRST UNITED METHODIST CHURCH Huntington, WV Renovations design study.
- UNIVERSITY SUITES 70,000 square feet of student housing, Huntington, WV.
- -WESTMORELAND APARTMENTS Huntington, WV Twenty senior apartments, shops and community center.
- EDEN PARK APARTMENTS Huntington, WV Twenty apartments for senior citizens.
- MILL CREEK APARTMENTS Fort Gay, WV Ten apartments for senior citizens.
- OFFICE AND APARTMENT BUILDING Dr. Pete Yarbrough, Huntington, WV.
- DRW PROPERTIES Grayson, KY Office and apartment building
- UNDERWOOD SENIOR CITIZENS' CENTER Huntington, WV Senior activity center.
- WHITE WAY LAUNDRY renovations, Huntington, GEORGE'S LAUNDRY renovations, Barboursville, WV.
- GOODWILL INDUSTRIES OF KYOWVA Huntington, WV Main Huntington facility and Ashland, KY location.
- TASCALI'S RESTAURANT & NESTLE'S PASTRIES Barboursville, WV
- REGER MORTUARY Huntington, WV Embalming Facility.
- NATURAL RESOURCES CENTER, COLLEGE OF AGRICULTURE & FORESTRY, WVU, Morgantown, WV
- RENOVATION & RESTORATION OF THE ST. JAMES BLD'G BANK, FIFTH THIRD CENTER Huntington, WV.
- NEW BRANCH BANK, FIFTH THIRD BANK Flatwoods, KY.
- BANK ONE, WEST VIRGINIA, HUNTINGTON, WV MAIN OFFICE, lobby and departmental relocations/renovations.
- HUNTINGTON FEDERAL SAVINGS AND LOAN MAIN OFFICE & WESTMORELAND BRANCH Huntington, WV.
- COMMUNITY BANK OF LEWIS COUNTY Vanceburg, KY Renovation of new main office.
- HUNTINGTON CIVIC ARENA Huntington, WV Dressing room facilities, additional rest rooms, kitchen renovation
- ASHLAND MEDICAL ARTS OFFICE BUILDING Ashland, KY.
- KING'S DAUGHTER'S MEDICAL CENTER Ashland, KY. Intensive Care Unit, Relocation of Administrative Offices, Lobby and Elevator Tower Addition, Skilled Nursing Unit, Pediatrics Unit, Psychiatric Unit, Renovation of Lexington Avenue Facade, Pedestrian Bridges.
- MOSES FORD, BMW, CADILLAC & PONTIAC SALES FACILITIES St Albans, Huntington and Charleston, WV

#### ARCHITECTURAL PLANNING AND DESIGN

Robert J. Summerfeldt, A.I.A., Registered Architect

1102 West Memorial Boulevard, Huntington, WV 25701 (304) 521-2929 FAX - (304) 521-2933 Email - Apdrjs264@aol.com

#### STATEMENT OF QUALIFICATIONS

JACKIE CLEVENGER, Associate A.I.A.

APD, inc. 1102 West Memorial Boulevard, Suite 107 Huntington, WV 25701 (304) 521-2929

#### **EDUCATION**

East Carter County High School Grayson, Kentucky 1972

Eastern Kentucky University Richmond, Kentucky Bachelor of Science, Interior Design 1976

University of Kentucky Lexington, Kentucky Bachelor of Architecture 1995

General Electric Lighting School Cleveland, Ohio 1990

Hubbell Lighting School Christiansburg, Virginia 1990,1996

#### PROFESSIONAL CREDENTIALS

Professional examination, October, 1979 (National NCIDQ) NCARB (National Council Architectural Registration Board) Intern Development Program, 1999

#### **AFFILIATIONS**

American Institute of Architects West Virginia Society of Architects Grayson, Olive Hill and Ashland Chambers of Commerce BNI - Business Network International

#### **WORK HISTORY**

- February 1996 present: Architectural Planning and Design, Huntington, WV, Associate
- January 1992 2002: Jackie Clevenger McDavid Interior Design, Owner
- April 1980 December 1991: Design Connexion, Huntington, WV, Partner & Design Director
- January 1977 March 1980: Design Centre, Inc., Huntington, WV, Intern
- May 1976 December 1976: Carter County Board of Education, Grayson, KY
- January 1976 May 1976: Kenco Assoc., Ashland, KY, Architecture Dept., Student Intern

# Harper Engineering

1 1 0 3 rd Avenue St. Albans, W V 2 5 1 7 7 Office: 3 0 4 . 7 2 2 . 3 6 0 2 Fax: 3 0 4 . 7 2 2 . 3 6 0 3



Jason E. Harper, PE (304)-541-1390 jason@harperengwv.com

#### **Education**

West Virginia University Institute of Technology Montgomery, WV Bachelor of Science-Mechanical Engineering

#### Registrations/Professional Affiliations

Licensed Professional Engineer – WV, KY, MD ASHRAE

#### **Experience**

Jason E. Harper, PE brings 7 years design experience to our firm. He has experience with HVAC and piping design. His projects include educational facilities (including colleges and universities), health care facilities, office buildings, banks, emergency services facilities, postal facilities, and government buildings.

#### **Projects**

Stonewall Jackson Hospital Endoscopy Renovations Baileysville Elem. HVAC Renovations Dominion Gas Office Building Berkeley Testing Lab Oak Hill Police Station Renovations to Gilmer Co. High 301 Virginia Street Alpha and Bravo Renovations to Glenville ES Moses Factory Outlet-Teays Valley ARH-CT Scan Renovations

#### PROGRAMTEAMSTAFFING

TERRADON's Land Development Services are managed by Gregory D. Fox, ASLA. Mr. Fox, a native of West Virginia, has been responsible for a number of notable recreation, commercial, and educational site development projects since ioining TERRADON in February of 2000. His group earned a 2001 Engineering Excellence Award from the West Virginia Association of Consulting Engineers for the master planning of an extreme sports park at WVUIT in Montgomery. They also earned a 2002 Engineering Excellence Award from the West Virginia Association of Consulting Engineers and a 2002 Merit Award from the American Society of Landscape Architects for the City of Fairmont Riverfront Master Plan project. Most recently, the 2005 Gold Award from the Amercian Council of Engineering Companys and a 2005 Honor Award from the American Society of Landscape Architects was presented to the firm for the site design of the new West Virginia Division of Environmental Protection Headquarters Building.

REGISTRATION

Professional Landscape Architect

West Virginia Virginia Ohio

Pennsylvania

ACCREDITATION

LEED

EDUCATION

B. S. Landscape Architecture, 1988, West Virginia University B. A. Geography (Planning), 1994, West Virginia University

WORK

2000 - Present TERRADON Corporation

EXPERIENCE

1996 - 2000 1993 - 1996

Martin Boal Anthony & Johnson Architects, Charlotte, NC Site Design, Huntington, WV

1989 - 1993

E.G.&G., Inc., Akron, OH

1988 - 1989

PSC Engineers, Lancaster, PA

PROJECT EXPERIENCE

Fairmont Coke Works Site Redevelopment, Fairmont. WV

Fountain Place Development, Logan, WV

Southridge Center Phase II, Charleston, WV Fairmont Riverfront Master Plan, Fairmont, WV

Blue Mountain Village, Bluefield, WV

Ashland Development, Southern, WV Quarry Creek Expansion, Charleston, WV

Lake of Egypt, Southern Illinois River Ridge, Gauley Bridge, WV Leatherwood Crossing, Bluefield, VA





## tructural Engineering, Inc.

#### Carol A. Stevens, P.E. Structural Engineer

#### **EDUCATION**

West Virginia University, BSCE, 1984 Chi Epsilon National Civil Engineering Honorary The Pennsylvania State University, ME Eng Sci, 1989

#### PROFESSIONAL REGISTRATION

P.E.	1990	Pennsylvania
P.E.	1991	West Virginia
P.E.	1994	Maryland
0.6	2000	Ohio

BACKGROU	ND SUMMARY
2001 - Present	President, Structural Engineer
	CAS Structural Engineering, Inc.
1999 – 2001	Structural Engineer
	Clingenpeel/McBrayer & Assoc, Inc
1996 1999	Transportation Department Manager
	Structural Engineer
	Chapman Technical Group, Inc.
1995 – 1996	Structural Engineer
	Alpha Associates, Inc.
1988 1995	Structural Department Manager
	Structural Engineer
	NuTee Design Associates, Inc.

#### PROFESSIONAL ASSOCIATIONS

Engineer

American Society of Civil Engineers, WV Section National Society of Professional Engineers American Concrete Institute American Institute of Steel Construction West Virginia University Department of Civil and Environmental Engineering Advisory Committee WVUIT Department of Civil Engineering Advisory Committee

AAI Corporation, Inc.

#### CIVIC INVOLVEMENT

1982 - 1988

ASCE Christmas in April Project

*EXPERIENCE* 

West Virginia, State Capitol Complex, Governor's Mansion: Structural analysis and design in addition to evaluation report for modifications and renovations to several areas of mansion. Building is on State Historic Register.

West Virginia, State Capitol Complex, Main Capitol Building Dome: Exploratory investigation of structural steel components of Lantern Level of dome and development of contract documents for repairs. Building is on State Historic Register.

West Virginia, State Capitol Complex, Main Capitol Building Parapet: Exploratory investigation of limestone/brick parapet/balustrade of Main Capitol Building to determine cause of movement/cracking/leaks. Work is currently under contract. Building is on State Historic Register.

West Virginia, Hampshire County Courthouse Elevator: Designed structure for incorporation of elevator into existing courthouse building.

West Virginia, Upshur County Courthouse: Designed renovations to 3-story building addition, renovations to existing 1899 building main entrance and dome structure.

West Virginia, Eastern West Virginia Regional Airport: Designed foundations and structural steel framing for new 2-story terminal building.

West Virginia, Star USA Federal Credit Union: Designed foundations and roof framing for new one-story commercial building.

West Virginia, Kanawha County Schools: Structural design of additions to George Washington, Sissonville, Herbert Hoover, South Charleston and Nitro High

West Virginia, State Capitol Complex, Building 3: Structural design and construction administration of repairs to limestone canopy.

West Virginia, Fairmont Water Plant: Designed reinforced concrete structures for new water treatment facility.

P.O. Box 459

Alum Creek, WV 25003-0469 (304) 756-2564 (voice) A West Virginia Certified DBE Consultant Certified in the Practice of Structural Engineering

(304) 755-2565 (fax)



#### Firm Profile

CAS Structural Engineering, Inc. — CAS Structural Engineering, Inc. is a West Virginia Certified Disadvantaged Business Enterprise structural engineering firm located in the Charleston, West Virginia area.

Providing structural engineering design and/or analysis on a variety of projects throughout the state of West Virginia, CAS Structural Engineering has experience in excess of 20 years on the following types of building and parking structures:

- Governmental Facilities (including Institutional and Educational Facilities)
- Industrial Facilities
- Commercial Facilities

Projects range from new design and construction, additions, renovation, adaptive reuse and historic preservation (including use of The Secretary of the Interior's Standards for Rehabilitation) to evaluation studies/reports and analysis.

CAS Structural Engineering utilizes AutoCAD for drawing production and Enercalc and RISA 2D and 3D engineering software programs for design and analysis. Structural systems designed and analyzed have included reinforced concrete, masonry, precast concrete, structural steel, light gauge steel and timber.

Carol A. Stevens, PE is the firm President and will be the individual responsible for, as well as reviewing, the structural engineering design work on this project. While CAS Structural Engineering, Inc. has only been in business for seven years, Carol has over 20 years of experience in the building structures field, working both here in West Virginia and in the York, Pennsylvania vicinity.

CAS Structural Engineering, Inc. is covered by a \$1 million errors and omissions liability policy.

(304) 756-2565 (fax)

# David M. Davison

Objective

Introduction

Education

1999 - 2001

U.S. Army War College

Carlisle, PA

**Masters of Strategic Studies** 

1968 - 1974

West Virginia University

Morgantown, WV

**BS Chemical Engineering** 

Professional experience

1979 - Present

E.I. DuPont de Nemours & Co., Inc.

Belle, WV

#### Six-Sigma Black Belt (1/2004 to Present)

Leads business process improvement projects in the logistics, supply chains and sourcing.

#### Logistics Consultant (11/1993 to 12/2003)

Managed finished product distribution for four product lines of chemicals produced at DuPont's Belle WV plant. Responsible for the safe and cost effective global distribution of approximately 240 millions pounds per year of hazardous chemicals with an annual operating budget of \$20 million.

#### Senior Engineer (7/1990 to 11/1993)

Coordinated plant site's Total Quality Management improvement programs and training. Facilitated Continuous Flow Manufacturing/Integrated World-Class Technology improvement teams in manufacturing areas.

#### Areas Supervisor - Capital Work Force (11/1988 to 7/1990)

Supervised the site's central capital and mechanical planning and scheduling group and project management engineers. (8 to 10 professionals)

#### Area Supervisor - Mechanical (2/1984 to 11/1988)

Supervised the central mechanical shops providing vessel and pipe fabrication, machining, welding and electrical & instrument repair and insulation services. (Five – 1st Line Supervisors and 150 mechanics)

#### Process/Area Engineer (7/1979 to 2/1984)

Provided process-engineering support for manufacturing operations and project engineering for major powerhouse electrical, instrument and mechanical upgrading.

1974 – 1979

Westvaco Fine Papers

Luke, MD

#### **Technical and Design Engineering**

Provided technical support to operations, design engineering, project, and construction management.

#### **Colonel, Corps of Engineers**

# Military Service (1970 to 2003)

Served as a citizen-soldier in the WV Army National Guard. Completed service as the Assistant Adjutant General for Installations and Homeland Security. Duty assignments include command of an Engineer detachment, company, battalion, and group plus staff assignments primarily in operations.

Military schools include: the Special Forces Enlisted Qualification Course, Officer Candidate School, Infantry Officer Basic Course, Jumpmaster Course, Infantry and Engineer Officer Advances Courses, Command and General Staff College, Reserve Component National Security Issues Seminar, Defense Strategy Course, Military Personnel Officer Correspondence Course, Engineer Pre-Command Course, and the US Army War College.

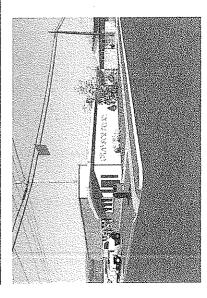
US decorations and badges: Legion of Merit, Meritorious Service Medal, Army Commendation Medal, Army Achievement Medal, National Defense Service Medal, Humanitarian Service Medal, Army Service Ribbon, Army Reserve Component Overseas Training Ribbon, Special Forces Tab and Parachutist Badge.

Army Engineer Association's Bronze De Fleury Medal.

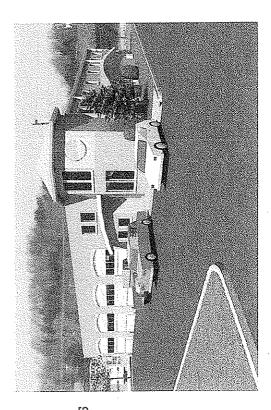
References

Available upon request

# UNIQUELY QUALIFYING EXPERIENCE



RESCUE AND TRAINING FACILITIES RELEVANT TO MHS&T FACILITY

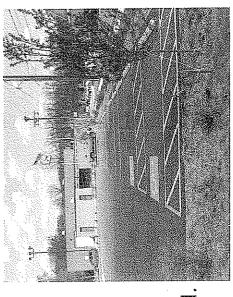


CURRENT PROJECTS - The Grayson Fire Department similar to the proposed National Guard Addition. ₱ proposed Grayson Police Department are

RECENT PROJECT - POV parking lot, Huntington Armory Completed 2008.

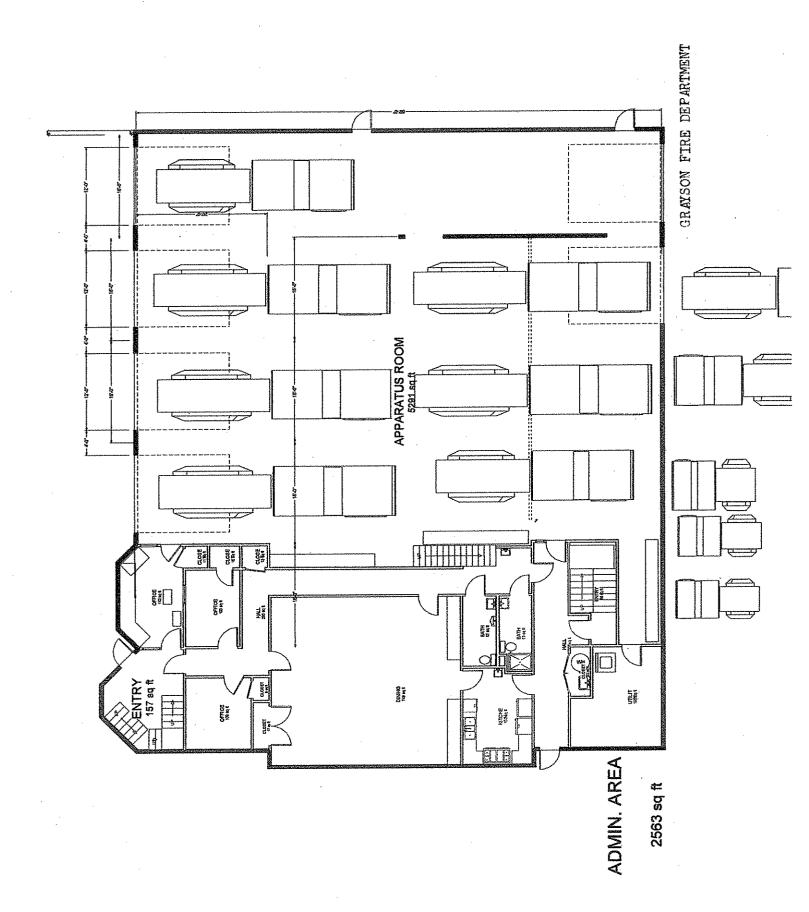
Zoning, site ≰ drainage per City of Huntington requirements.

experience in the military and the West Virginia National Guard. MILITARY CONSULTANT - Col. (Ret.) Davison - Knowledge #



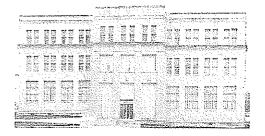
# FAMILY MILITARY BACKGROUND

- Served in the US Air Force from 1968 to 1972 in construction-related activities.
- Older brother spent over two years in Vietnam as an Army aircraft pilot.
- Father was on active duty in the Army in a horse-drawn Artillery unit at the outset of World War II, and was on his way to the Pacific when hostilities ended.



# 1-1- Harper Engineering

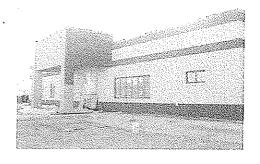
110 3rd Avenue St. Albans, W V 25177 Office: 304.722.3602 Fax: 304.722.3603



Alpha and Bravo Building for the Kanawha County Commission consisted of 50,000 sq ft of renovated office space that will be home to the Kanawha County Sheriff's Department and also the Kanawha County Prosecuting Attorney's Office. The project bid date was April 2009. The construction cost was \$6,400,000.

**Dominion Gas Office** consisted of 20,000 sq ft of new office space for Dominion Gas in Clarksburg, WV. The project was performed as design-build. Cost of construction was \$2,600,000. The building has been occupied since December 2008.





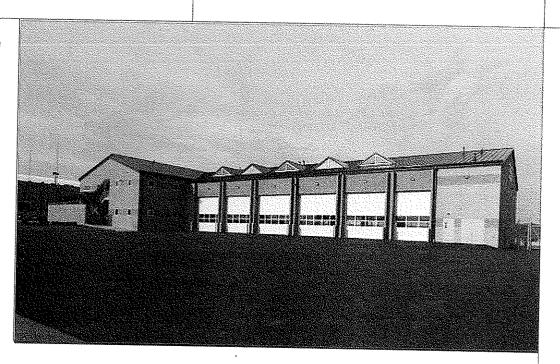
Oak Hill Police Station is located in Fayette County, WV. The building is approximately 5,400 square feet of office space for the City of Oak Hill's police department. The project is scheduled for completion Spring 2009. The cost of construction was \$1,400,000.

PROJECT EXPERIENCE

MILITARY PROJECTS

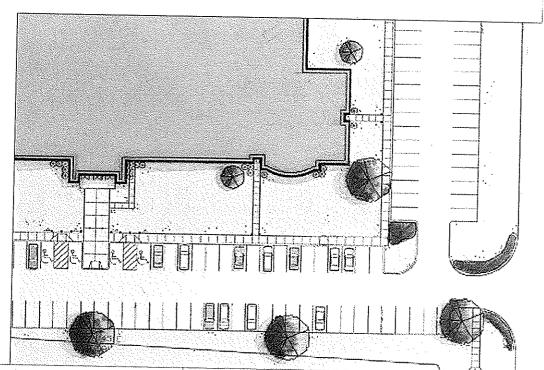
WVANG
FIRE, CRASH,
RESCUE
BUILDING
CHARLESTON,
WEST VIRGINIA

FIRM'S ROLE:
TERRADON PROVIDED SITE
MASTER PLANNING AND DESIGN
FOR THIS NEW BUILDING AT
YEAGER AIRPORT.



WVARNG
ELEANOR
READINESS
CENTER
ELEANOR, WEST VIRGINIA

FIRM'S ROLE:
TERRADON PROVIDED SITE
ENGINEERING AND DESIGN
SERVICES FOR THIS 15
MILLION DOLLAR READINESS
CENTER LOCATED IN
ELEANOR, WEST VIRGINIA.
THE FIRM ALSO PROVIDED
TITLE II SERVICES FOR BOTH
THE READINESS AND NEAR BY
MAINTENANCE CENTER.





#### PROJECT EXPERIENCE

ENVIRONMENTAL PROTECTION
NEW HEADQUARTERS BUILDING,
KANAWHA CITY, WEST VIRGINIA

O W N E R: STATE OF WEST VIRGINIA, DEPT OF ADMINISTRATION BUILDING 1, ROOM E119 CAPITOL COMPLEX CHARLESTON, WV 25311 304.558.2300

FIRMS ROLE:
COMPLETE PLANNING AND
DESIGN OF ALL SITE/CIVIL
ELEMENTS FOR BBL
CARLTON, THE DESIGN
BUILDER.

CONTRACT
INFORMATION:
COMPLETED 2004
ON SCHEDULE, ON BUDGET

ACEC/WV GOLD AWARD

ASLA-WV HONOR AWARD

DBIA-OVC DESIGN-BUILD AWARD

LEED CERTIFIED

**EPA STAR ENERGY AWARD** 



site/civil engineering design for the new headquarters building for the West Virginia Division of Environmental Protection. This is a 187,000 SF building, and is expected to be recognized as the first Green Building in the State of West Virginia by the United States Green Building Council. The LEED (Leadership in Energy and Environmental Design) certification approach was utilized for the design of the project. TERRADON designed an innovative stormwater management system and other site features for this, one of the highest visibility projects in the state.

The collaborative effort between the design

professionals and the use of green strategies helped the client reach their goal of a cohesive structure that shows no boundary between building and site with respect to energy efficiency and environmental sensitivity. The state now possesses a facility that not only will take them well into the future, but also will save the taxpayers money along the way in operation costs.

TERRADON was presented with a Gold Award from the American Council of Engineering Companies, Honor Award from the American Society of Landscape Architects, and a Design-Build Award from the Design-Build Institute of America for the design of this project.

