



State of West Virginia Department of Administration

Buyer: Frank Whittaker

Req#: CFA100611

Opening Date: November 21, 2011

Opening Time: 1:30 PM

ORIGINAL

West Virginia Statewide Courthouse Facility Needs Assessment



Berkeley County Judicial Center,
Martinsburg, WV

Buyer: 44

RFQ. NO.: CFA100611

Bid Opening Date: 11/21/2011

Bid Opening Time: 1:30 PM

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WV PURCHASING
DIVISION

November 16, 2011

Mr. Frank Whittaker
Department of Administration
Purchasing Division
2019 Washington Street, East
P.O. Box 50130
Charleston, WV 25305-0130

Re: West Virginia Statewide Courthouse Facility Needs Assessment
RFQ. NO.: CFA100611

Dear Mr. Whittaker and Members of the Selection Committee:

AECOM Technical Services, Inc. (AECOM) is pleased to submit our qualifications to the West Virginia Department of Administration to provide professional services for the development of a Statewide Courthouse Facility Needs Assessment. We welcome the opportunity to work with the Courthouse Facilities Improvement Authority (Agency) that will provide them with data to make informed decisions on the need to determine the upgrades or additions necessary to comply with state, federal, municipal, and building codes, as well as determine the needs for additional space to better serve the citizens of each respective county. Our proposal also offers additional services if the Agency feels they would benefit the development of this study.

The AECOM team is comprised of an extraordinary group of the best and brightest—regionally and nationally—to work in collaboration with the Agency. To assist us in our effort in West Virginia, we are pleased to have associated with the firm of WYK Associates, who has a history of quality architectural services delivered to a variety of West Virginia clients, including a number of county court facilities. Our team also includes Dan L. Wiley Associates with the assistance of Charles "Chuck" Short who brings hands-on judicial operational experience. Our team will work closely with many individuals and organizations within West Virginia. Finally, we have included John Milner Associates, who is recognized as a leader in the field of historic preservation assessment and restoration. The total team brings to the Agency the experience of developing three major statewide judicial master plans in California, Hawaii, and Utah. Though the AECOM team is a combination of different firms, this group has worked together through various projects and brings to the Agency a seamless and coherent team that truly fosters collaboration.

It is our hope that this proposal reflects our style of consulting that places a high priority on communications—we believe that documents and presentations should be understood at all levels. Through the quality and experience of our staff, you can be confident that our findings will be sufficiently analytical to support the recommendations, yet presented in a manner that can be understood and adopted by all concerned officials and citizens that have a stake in the future of the West Virginia judicial system facilities. We would welcome an opportunity to further present our approach in a personal interview with the Selection Committee in the near future.

Please do not hesitate to contact us, should there be any questions concerning this submission.

Respectfully submitted,



Kenneth J. Jandura, AIA
Principal



Joseph E. Wells, AIA
Senior Vice President

Concept

Introduction

The West Virginia Courthouse Facilities Improvement Authority is seeking expressions of interest from firms qualified to provide a needs assessment targeting the State's 55 County Courthouse buildings. This needs assessment will become the basis for subsequent evaluation of grant requests from the counties for courthouse projects, including those related to maintenance, improvements, modifications, code compliance, updates and/or additions or replacement.

The needs assessment should provide an effective facility assessment protocol; a clear, objective and consistent evaluation methodology; an open and transparent review process; and a final product that not only informs the Authority but can be helpful and useful to the individual counties. The product should also be flexible and easily revisable for new data.

The study should be conducted in a way that respects the knowledge and time of county and judicial representatives, provides the greatest possible advance notice of critical informational needs and meeting requests, consistently and accurately reports on project process and progress and is completed in a timely manner.

Team Introduction

AECOM is pleased to lead a team that can provide the services requested in the desired way with the desired results in the desired time.

- **AECOM** – multi-disciplinary firm with relevant statewide and county judicial experience for over 40 years; including the recently completed Berkeley County Judicial Center in Martinsburg that received an AIA West Virginia Honor Award for Excellence in Architecture in 2010.
- **WYK Associates, Inc.** – well known West Virginia Architecture firm whose participation will be crucial in coordination with the counties, the deployment overview of existing buildings and the knowledge of the various counties throughout the state. WYK also brings multiple West Virginia court projects experience to the Team and Authority.
- **Dan L. Wiley & Associates, Inc.** – unprecedented court operations and facility planning experience including projects in West Virginia.
- **John Milner Associates, Inc.** – historical expertise spans over four decades to become a nationally-recognized provider of historic preservation, with numerous courthouse projects.

Proposed Work Plan

Introduction

The success of any needs assessment/master planning effort depends on three critical factors: the people, the product and the process. The **people** who comprise the AECOM/WYK team are of the highest professional caliber as showcased in their resumes. They are exceptionally competent and are committed to enhanced communication and a focus on consensus building. They can be trusted to handle themselves in a professional way with both state and county participants in the project. They are proficient in all the tasks required by this project.

The **product** must be clear, useful, and easy to update as time and conditions warrant. While the broad outline of the product can be seen in this work plan, it still awaits formal definition. The final product will emerge from the discussions with the Authority, from the interaction of the county officials, from the reality of conditions as they are found and from the collective judgment of the team and Authority on priorities and policies.

The **process** that the team will use is described in this work plan. The process is efficient, professional and grounded in communications. It is intended to be transparent, and is open to examination and understanding at every level. It is intended to be sensitive to local perspective and priorities and it is intended to be inclusive. A project such as this must be conducted and must be seen to be conducted in a clear, fair, and objective manner. This work plan explains how the team expects to conduct the process. We see the project unfolding in the following four major phases.

Phase 1 - Preparation and Staging

A solid foundation of preparation and information is needed to result in project success. Before any individual needs assessments can be conducted, the following activities are seen as essential.

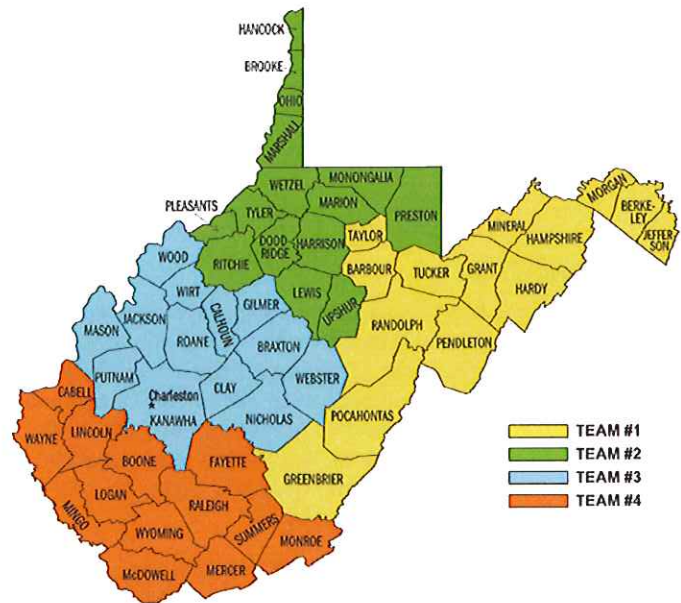
Committee Workshop – The project should begin with a major meeting between the team and West Virginia Courthouse Facilities Improvement Authority or its key representatives. The meeting will include introductions as well as discussions about project issues ranging from process and schedule, through key concerns and potential problems, to desired outcomes and Authority interests. The lines of communication will be firmed up and the reporting mechanisms finalized. The participation of individual Authority members in regional or county data collection and meetings will be discussed and milestone meetings scheduled. Informational needs and evaluation criteria will be discussed and adjustments made as necessary based on Authority input.

Criteria Development and Evaluation Guidelines – It is essential that the facility evaluation categories and criteria be established at the very start of the project. The Authority has identified 10 critical areas of interest based on its legislated mandate and the team will provide a pro forma for the evaluation of each based on recognized industry standards and team member experience. In addition, the team will identify evaluation criteria related to the historical nature of many of the facilities and will provide generally recognized judicial system space allocation and functionality guidelines to be used in testing the need for additional space in the various counties.¹

Survey Profile and Data Needs – To provide maximum effectiveness and efficiency, the team will develop the survey profile and data needs request in advance. Two levels of information are seen as needed.

1. **Contact information** – To begin to collect the essential data and to schedule the assessment meetings, it will be necessary to develop a detailed list of county or court officials to be consulted and county contact persons that will be responsible for coordination with the team. This might be done in the form of a letter to the President of each County Commission, Presiding Judge of the affected court or to the various County Administrators and Court Administrators as the Authority might think best. However it is done, the initial contact must be made and documented so that each county and their appropriate elected or appointed representatives can be kept fully informed and effectively engaged.
2. **Facility courthouse services profile by county** – Once contact is established, an advance form would be prepared and distributed that would give the appropriate representatives the means to identify the basic buildings to be included in the needs assessment. It would provide for the name(s) of the building(s), the address(s), the list of occupants, number of existing and expected judicial officers and court partner staffs, hours of operation, and other basic descriptive data that will inform the advance team (to be discussed below) and the subsequent facility evaluation teams. It would identify other data needs related to building plans, histories of recent repairs, prior studies, facility usage information and areas of concern.

County Contacts and Schedule – As the facility profile forms and data needs are being developed, the team will make contact with the responsible officials and begin the scheduling process. Two separate visits are anticipated. The first will be by the Advance Team whose role and responsibilities will be described in Phase 2 and the second will be by the Facility Assessment Team that will conduct the detailed evaluation of each building. As can be imagined, the scheduling and coordination of these visits to 55 counties and multiple facilities will require extensive planning and communication. The local knowledge and experience of WYK will be particularly important to facilitate a coordinated and efficient visitation schedule. At this time, the Team is considering a regional approach to the visits with multiple teams working in parallel in each of the regions for maximum availability and localized travel.



Phase 2 – Data Collection

Once the preparation and staging is complete, the actual data collection work can take place. The team is proposing that the data be collected in two stages by two teams of highly qualified individuals.

Advance Team – The Advance Teams would be the first to visit every county. The role of the team would be to set the stage for the subsequent facility evaluation. The responsibilities of the team would include:

- Meetings with County or Court Officials to explain the project, and if necessary, to build support for the project and to identify any interests or concerns to be addressed.
- Identification of the specific facilities to be evaluated. The respective counties have the option to include other court related facilities, as well as the County Courthouse if they believe it would be helpful to do so or that these facilities could qualify for potential grant funding. The team needs to know the exact buildings to be assessed before the Facility Assessment Team arrives.
- Collection of the basic data identified in the advance form distributed to the counties including the building profile information, any available facility plans, prior reports, your on-line 2003 Courthouse Conditions Report (<http://www.cfia.wv.gov/chstudy/Index%20to%20the%20Study.html>), and any other information that would be helpful in determining the specific issues to be addressed and the composition of the assessment team. For example, a county that has just had the roof replaced on its courthouse facility does not need a roof assessment as part of the survey and needs evaluation process. The Advance Team can help define the exact nature of the expertise that needs to be part of the subsequent facility evaluation team.

¹ Optional levels of detail related to judicial system space standards and design guidelines are presented at the end of the work plan.

- Scheduling of the actual assessment visit and coordination for the county personnel support and guidance during the evaluation process including access to spaces and equipment areas, observation and picture taking during working hours and other key support.
- Input of the information collected into the project data base in a timely way.

Facility Assessment Teams – The assessment of the individual county buildings is the bottom line of the statewide courthouse needs assessment. Facility Assessment Teams, composed of the needed operational, planning, architectural and engineering disciplines, will be deployed by region and by county to conduct the building assessments concurrently. **These Facility Assessment Teams will be armed with the latest in facility assessment technology.** The teams will employ the use of Apple iPad as a survey tool that will allow them to instantaneously capture building data, photos, and electronic notes and to input the evaluation data into forms created using “Iform” software. The “Iforms” will be built and reviewed by the Authority representatives prior to the team deployments. The forms can be updated during the surveys and the output of the forms can be loaded daily into the common data base for review by project managers and the client representatives.

The AECOM team has successfully used this facility needs assessment tool and technology in recent work for the earthquake assessments for the Architect of the Capitol as well as the Federal General Services Administration and the United States Air Force. The responsibilities of the Facility Assessment Teams will be:

- Finalize the facility profiles. This is essentially an inventory and public service overview of each facility assessed by county.
- Assess each facility for the 10 items identified by the Authority and any other critical analysis identified by the process including historical considerations and court operational, functional, and spatial considerations.
- Document all findings in the project data base.
- Develop drafts of assessment findings for each county.

While the magnitude of the study will require a wide range of resources, the AECOM/WYK team by choice has limited the principal investigative and planning roles to members of the core team. It is our intent that every county will be visited by at least one member of the core team. This will provide a high level of consistency in terms of recommendations and provide the Authority with continual access to the primary members of the team. In this way, at least one member of the core team will have met with local officials and physically been to most of the major facilities being discussed. In order to assure that a core team member leads a team and visits a facility, we will divide the state into four segments as illustrated in the diagram on the following page. This division by region will be refined after completion of the work performed by the Advance Team.

Phase 3 – Needs Assessment

As the data collection proceeds and reaches completion, the detailed assessment begins. The needs assessment has four parts:

Document needs – While the Advance and Facility Assessment Teams will input the results of their respective data collection and assessment activities by facility, by county; the overall inventory of needs will require some synthesis and organization. It may be important, for example, to group the needs in various ways. They will be grouped by county, of course, but it may be important to the Authority to see them grouped by discipline.

Determine costs – A simple listing of needs is not enough. Some level of potential cost must be placed on each as a means of identifying the potential helpfulness of any requested grant. The team will include cost experts who will provide opinions of probable cost based on the information provided/developed and existing conditions. This will be one of the areas of the study that may require regular update as economic conditions change.

Detailed Historical Considerations

Our historical preservation architect (JMA) will also undertake a visual survey of the building envelope and all interior spaces to determine the physical condition of existing materials. JMA will then analyze the findings of the survey and will utilize this analysis to develop recommendations for the treatment of all exterior and interior materials including conservation, restoration and rehabilitation measures. Recommendations will be compatible with and sensitive to the design of the historic structure.

Develop priorities – It will be important to rank the needs. This may be done in building, by county, by region, by discipline and/or statewide. The team would expect to develop and discuss the ranking criteria with the Authority representatives as the process unfolds. Examples of potential factors include danger of imminent failure, code compliance, usage pressures, age of equipment, and growth patterns.

Review with the Authority – before proceeding to the final stage of the project, the team will meet with the Authority for a major review of the documentation and findings. Input will be received and adjustments or additional analysis undertaken as needed.

Phase 4 – Master Planning and Recommendations

The final stage of the process is the development of the statewide and individual county master plans. Our plan is that these would be prepared first in draft form for review and presentation and subsequently finalized once comments have been received and incorporated. We would see a process that submits a report to each county as well as designated court representative and if the Authority thinks appropriate or as requested by the county or court, makes a formal presentation to the individual decision makers of the results and recommendations. Authority members might wish to be part of those presentations. After the county reviews and

comments, the final Needs Assessment would be formally provided to the Authority for acceptance and implementation.

Expanded Service Potentials

The preceding work plan has been crafted to focus on process and on the clarity of simple steps needed to accomplish the basic intent of the Authority as described in the Request for Letters of Interest. There are, however, many more details that could be described and there are expanded levels of service that might be of interest to the Authority. Some of these are noted below.

- *Independent projections of caseload, judicial officers and staff* - The Team is qualified to provide full forecasting services if this is thought important on either an individual county or statewide basis.
- *Operational assessment* – The Team is prepared to evaluate the operations of the respective courts on issues impacting space such as court security, records management, technology integration, electronic filing, prisoner management, calendaring/scheduling patterns and jury management.
- *Judicial System Space Standards* – The Team has experience in the development and update of statewide judicial system space standards and can assist the State of West Virginia in the development of its own if desired. The team does not suggest that all the older buildings can or should be held to contemporary space allocation guidelines, but these can be considered as aspirational and should definitely apply to any new additions or replacement facilities
- *Grant application process* – The Team is prepared to assist the Authority, if requested, in the update of its grant application procedures and in the implementation of on-line applications if this is not already in place.
- *Public presentation assistance* – The Team is prepared, if requested, to provide extensive support to the Authority in the preparation and presentation of its plans to public audiences or to Executive Branch, Judicial Branch or Legislative Branch officials. This is above and beyond the direct presentations to the Authority itself and the respective county bodies outlined in the work plan.
- *Ongoing evaluation and update* – The Team is prepared and capable of providing continuing services in relation to new requests from counties that emerge subsequent to the finalization of the Needs Assessment. These services might be in the form of informational reviews, on-site evaluations, opinions of cost or other specific tasks as the Authority may determine.
- *Expanded levels of detail* – Of necessity, a statewide study of this type, constrained as it is by time and budget, may not provide the desired level of analysis for certain specific kinds of operational, engineering or architectural issues. For example, while the work plan would see a general task in the evaluation of the structural aspects of the historic courthouses, the specifics of location or expected usage patterns may suggest that more detailed structural engineering analysis is needed. The team has the capability to provide any level of service requested.
- *LEED certification and guidelines* – The Team is prepared, if requested, to help establish guidelines for developing sustainable court projects and determining at what level those projects could achieve LEED certification. This could also be part of the surveying criteria to assist counties applying for sustainable grants, such as national energy grants that may assist in funding HVAC upgrades.

Firm/Team Qualifications

A. Your Contact for AECOM

Name: Joseph Wells, AIA

Address: 3101 Wilson Blvd, Suite 900, Arlington, VA 22201

Phone Number: (703) 682-4900 (202) 258-3555 (cell)

Email Address: joe.wells@aecom.com

Signature:



B. Resumes of Individuals Assigned to Your Project

Please see the following resume pages for each individual's resumes, to include their name and function, who will be assigned to your project.

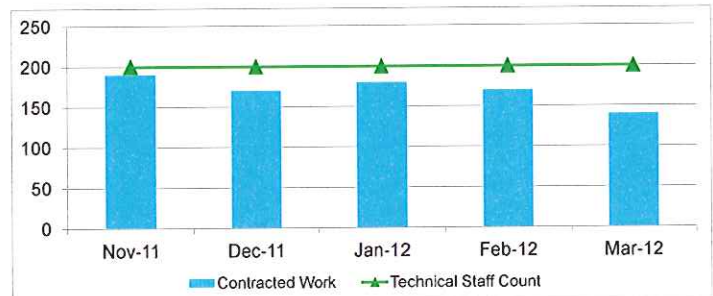
C. Design Team's Expertise

Our team is comprised of professionals that specialize in assessing existing facility conditions, including historic structures, and in courthouse planning and design. Our courthouse specialists have assisted clients across the country in evaluating facility needs and determining upgrades or additions to craft award-winning, functional, and operationally-based facility solutions; these facilities respond to the community and context and truly reflect design excellence. Additionally, we have an exceptional team that brings a collaborative approach and fresh perspective to courthouse and judicial design.

AECOM's experience assessing and/or designing over 100 court facilities nationwide and numerous courthouses throughout West Virginia gives the State of West Virginia access to the most innovative ideas in courts planning and design, coupled with expertise in historic design. The resumes and project sheets found in later sections represent our design team's expertise in A/E and historical design services.

D. AECOM's Ability to Handle Your Project

AECOM is prepared to handle upon "notice to proceed" the various phases of the West Virginia Court Needs Assessment Study to completion. The workload chart at the top of the page details the number of technical personnel AECOM has available in our Arlington, Virginia office for assignment over the next five months. Outside of this five-month window, our workload decreases further. So as you can see, AECOM offers sufficient capacity to handle your project. Personnel assigned to this project team are available to start immediately.



E. AECOM's Acceptance and Understanding that Work Produced Will Become Property of the Agency

It is AECOM's intention that upon completion of the West Virginia Court Assessment Study the contents of the various reports and database will be turned over to the State for their use in following through on the development of the capital improvements program by way of grant applications from the counties. The database will also be used by the State as a living tool to maintain updated information on the physical condition of all the state's courthouse facilities.

F. Evidence that AECOM is Current in our Conformance with Local, State, and Federal Regulations.

All personnel within each discipline (architectural, structural, mechanical, electrical, plumbing, fire protection, civil) that will be involved with the West Virginia Court Needs Assessment study are current in their licensing requirements. This includes requirements regarding life safety code and NFPA regulations. Please note that our licensing conformance applies to general buildings, including courthouses since licensing cannot be applied to a particular building. However, several of our team members are affiliated with national judicial organizations including The National Center for State Courts, The National Association for Court Management and the National Council for Family and Juvenile Court Judges. These organizations required only membership and not licenses.

Additionally, several members of our team are licensed architects in West Virginia, including Project Manager Barry Rude. AECOM is a licensed vendor in the State of West Virginia; our vendor number is A31114003.

G. Litigation or Arbitration Proceedings

AECOM and our consultants do not have any litigation or arbitration proceedings filed with the State's Purchasing Division, relating to the firm's delivery of similar facility needs assessments.

Kenneth Jandura, AIA

Function

Principal in Charge/ Standards, Needs, + Facility Assessment

Total Years of Experience

33

Years of Experience with AECOM

15

Education

Master of Architecture, Harvard University, 1978

Bachelor of Architecture, Syracuse University, 1976

Professional Registration

Registered Architect: NJ, MD, KY, OH, CT, MA, PA

With over 30 years' experience, Mr. Jandura has focused specifically on justice facility planning and design for the last two decades. For the past 12 years he has led our firm's local justice practice, which includes emphasis on courts and public safety planning and design. Throughout his career, Mr. Jandura has been involved in the management, master planning, programming, planning and design of more than 80 courthouses, correctional facilities, law enforcement facilities and government centers nationwide.

Mr. Jandura is considered an expert in the judicial field and a leader in the industry. He served as an adjunct faculty member for the Institute for Court Management (division of the National Center for State Courts) and was co-chair and presenter for the 2007 AIA Justice Conference. He has published several articles for the National Center for State Courts and wrote a chapter on courthouse security for *Building Security: Handbook for Architectural Planning and Design* (McGraw Hill, 2004).

Project Experience

Berkeley County Judicial Center Assessment Study and Design, Martinsburg, West Virginia

Planner and Programmer for a study for a new judicial center to house all circuit court judges, circuit clerk, magistrates, masters, probation, prosecuting attorney, magistrate clerk, central dispatch, bailiff services, and staff. The study analyzed and projected the future needs for county administrative functions. The study took into consideration present employee status and a projected growth for the next 5, 10 and 20 years.

State of California Trial/Appellate Court Facility Master Plan, Statewide, California

As part of a national courts planning team, prepared a comprehensive master plan for the judicial system in the

state of California involving 415 courthouses. The goals of the master plan included preparing statewide uniform court space standards, projecting the future needs of the courts, evaluating approximately 415 court facilities, and developing an implementation plan.

Montgomery County Judicial Center, Rockville, Maryland

Principal in Charge for the new \$139.8 million, 191,000-SF judicial center annex and 327,000-SF renovation of the existing judicial center, both slated for LEED Gold certification. Once completed, both structures will house approximately 28 to 34 courtrooms. AECOM is providing planning, programming, and architectural services.

Lynchburg Juvenile and Domestic Relations Courthouse, Lynchburg, Virginia

Principal in Charge for the master planning, programming and design of a 46,345-SF juvenile and domestic courthouse facility. Components of this project include reassessing future projections, recommending an implementation strategy for the Juvenile and Domestic Relations Court, and ultimately providing architecture and construction administration services.

Queen Anne's County Circuit Courthouse Study, Centreville, Maryland

Principal in Charge and lead planner and programmer for the master plan of future needs of the county's Circuit Courthouse. Currently, the county's Circuit Court system operates from the historic courthouse in downtown Centreville. The planning study focused on projecting the future personnel and spatial needs of the court system, evaluating the existing structure, developing concepts on accommodating the spatial needs, preparing project cost estimates, and recommending an option.

State of Hawaii Judicial Master Plan, Hawaii

Evaluated all court facilities on the islands of Oahu, Kauai, and Hawaii for operational, spatial, and physical adequacy. Evaluation was a foundation for developing a capital improvements plan that prioritized the building program for new, expanded, and/or renovated court facilities.

Loudoun County Courts System Pre-Design Services, Leesburg, Virginia

Courts Planner on a team preparing a detailed analysis of the county's court systems present and future needs; prepared a comprehensive space needs program, conducted a site study, and provided a project budget for the construction of a consolidated courts facility.

Joseph Wells, AIA

Function
Principal in Charge

Total Years of Experience
33

Years of Experience with AECOM
30

Education
Bachelor of Architecture, Virginia Polytechnic Institute and State University,
1978

Professional Registration
Registered Architect, AZ, DE, MD, VA, IL
NCARB Certificate

Mr. Wells has three decades' experience as a Principal in Charge, Project Manager, and Architect for a variety of projects, including justice facilities. He oversees complex building contracts that involve the critical coordination and integration of the talents of multi-disciplined teams. As Principal-in-Charge, Mr. Wells will oversee management of this project, assign resources and provide principal-level sponsorship. He has a wealth of experience as Principal-in-Charge on indefinite delivery contracts (with tasks both large and small in scale) that require critical coordination and integration of multi-disciplined teams.

Project Experience

Baltimore Women's Detention Center, Baltimore, Maryland
Principal in Charge for this Maryland Department of Public Safety and Correctional Services project.

Pre-Release Center Addition, Adult Detention Center, Fairfax County, Virginia
As Principal in Charge for this Fairfax County project, he provided quality assurance services for the architectural aspects of the project.

Western Correctional Institution, Cumberland, Maryland
Principal in Charge for complete masterplanning, programming, and cost estimation of the \$90 million facility. AECOM provided the overall masterplanning, programming and design of three 192-cell and one 144-cell medium- and maximum-security housing units and the 103,000-SF support services building.

Maryland Correctional Institution for Women, State Use Industries & Support Building, Jessup, Maryland
Principal in Charge for this Maryland Department of Public Safety and Correctional Services project.

Timbrook Public Safety Center, Winchester, Virginia
As Principal in Charge for this City of Winchester project, he provided senior level oversight to the design team and worked with the City's Building Committee to provide site selection, design and construction services at a high quality level.

Sully District Government Center and Police Station, Fairfax County, Virginia
As Principal in Charge for this Fairfax County project, oversaw the development of the design, participated in key presentation and review meetings with Fairfax County, and ensured that quality assurance measures were effectively implemented.

Reston District Police Station, Reston, Virginia
Principal in Charge for the new 36,316-SF, two-story facility located next to the existing building. AECOM has completed masterplanning and conceptual design and is currently in the design development phase. The spaces will include various offices, conference rooms, report writing rooms, male/female locker rooms, fitness center, community room, and vehicle/material storage bays. The project has a goal of Silver certification under the LEED Green Building program.

US General Services Administration, Eisenhower Executive Office Building Modernization, Washington, DC
Design Team Principal in Charge for the design/build modernization of this historic landmark. He provided oversight to AECOM's multi-disciplined design team on this two-phase, \$118 million comprehensive renovation and preservation project. Considered the GSA's number one historic landmark, the preservation of the building's historic character is a critical success factor for the project. Mr. Wells monitored the quality assurance process for the project and reviewed AECOM's design documents for coordination of the replacement of HVAC, electrical and telecommunications systems with other project work.

New Beginnings Youth Development Center, Laurel, Maryland
Principal for this design-build, \$42 million, male juvenile detention facility. The design includes five buildings: the main campus building, three housing units and a gymnasium with a warehouse. The campus building contains the admissions, medical, superintendent's offices, food service, dining, theater, student commons, academic education, and vocational training, as well as administrative offices. This award-winning 93,000-SF facility has been certified LEED-NC Gold.

Barry Rude, AIA

Function
Project Manager

Total Years of Experience
32

Years of Experience with AECOM
16

Education
Bachelor of Science, Architecture, Ohio State University, 1979

Professional Registration
Registered Architect: WV, PA, VA, MD, TX, CA, KY, NY, SC OH, DC
Interior Designer: TX
NCARB Certified

Mr. Rude, a hands-on Project Manager, has a verifiable track record for the successful completion of multi-million dollar justice facilities and a diverse range of multi-use and high-tech building types. He successfully engages the owner and tenant agencies early in the design process. His direction of the design process is inclusive and transparent, recognizing that the success of a project depends on the integration of a well-conceived program, an inspired but rational design, and a candid cost plan.

Project Experience

US Coast Guard Operations Systems Center Feasibility Study, Martinsburg, West Virginia

Project Manager for the A/E evaluation of three alternatives to achieve an additional 192,000 SF of leasable Class A office administrative, training, and communication program space (LEED-NC Silver certified), as well as a means for providing adequate parking for the entire Coast Guard campus. The feasibility study provided conceptual site plans, facility plans, and discipline narratives supporting detailed size and cost estimates and rent management interpretation of each alternative to assist the GSA and Coast Guard in deciding whether to lease a new expansion facility to be constructed within the existing Coast Guard campus (two existing buildings totaling 117,000 GSF within a 12.5 acre site) or lease a new office building/campus to be built on a parcel within a five-mile radius of the existing campus.

Federal Correctional Institution (FCI) and Federal Prison Camp (FPC), Welch, West Virginia

Project Design Manager for the medium-security, \$238 million, 460,000-SF, design-build Federal Bureau of Prisons project that encompasses approximately 320 acres. The FCI consists of a group of 10 buildings in a compound plan arrangement, accommodating 1,076 inmates; the FPC

consists of a stand-alone, minimum-security complex of two buildings in a compound plan arrangement, accommodating 128 inmates. Both are maintained by four building support facilities and related site development/utilities.

US General Services Administration, Region 3 IDIQ

Project Director/Manager on our contract to provide full A/E design services, involving all federal judiciary agency facilities within the Mid-Atlantic Region. Responsible for coordinating with various GSA task leaders and our design staff in responding to and developing technical and cost proposals for the multiple task orders. He is also responsible for assigning staff and reviewing the progress and scheduled delivery of all task orders implemented by AECOM. Projects consist of repair and alterations, renovations, and modernization, and involve design concepts and sensitivity towards historic buildings.

Peumansend Creek Regional Jail, Caroline County, Virginia

Project Design Manager for the campus-style, medium- and minimum-security jail accommodating 335 beds, with a planned expansion to 672 beds. The 145,627-SF facility, consisting of nine buildings, serves four counties and two cities in Virginia.

US Coast Guard Operations Systems Center, Martinsburg, West Virginia

Project Manager for the 75,000-SF US Coast Guard facility, developed privately as a lease agreement with GSA. The three-story administrative office and communications center consists of a 350-seat training facility, computer laboratory, conference room, fitness center, and flexible office environment exhibiting column-clear configuration and raised access flooring to provide complete flexibility for power and communications.

Lexington-Fayette Detention Center, Lexington, Kentucky

Project Design Architect and Manager of engineering during construction for this 427,000-SF, 1,135-bed, maximum-, medium-, and minimum-security facility. This design-build (GC/CM at Risk) project was designed to allow expansion to a total of 2,000 beds.

North Broward Detention Center, Pompano Beach, Florida

Project Design Architect for this design-build project consisting of a 240,314-SF, 1,024-bed, medium- and minimum-security facility, which is comprised of two, eight-pod, and two-level housing units connected to a two-level administration building with a detached central plant. The detention center will be part of an existing 26-acre detention complex.

Bill Yoke, AIA, NCARB

Function
Project Coordinator

Total Years of Experience
43

Years of Experience with WYK
37

Education
Bachelor of Science, Pre-Architecture, Clemson University, 1968

Professional Registration
Registered Architect: WV, VA, MD, PA
National Council of Architects

Mr. Yoke, one of the original partners in WYK Associates, Inc., has nearly 40 years of experience in Architecture, and has been the designer or project architect for a wide variety of building types in the public and private sectors. He has extensive experience in space planning for the renovation and development of departmental and judicial spaces within existing courthouses. A native of West Virginia, Mr. Yoke has worked in all of the geographic areas of the state in his long career, and has an excellent understanding of the demographic and economic forces that impact projects in these areas.

Project Experience

Pocahontas County Courthouse Needs Assessment Study, Marlinton, West Virginia

WYK Associates, Inc. worked with DWA to prepare a comprehensive needs assessment of the Courthouse and related facilities; completing several projects including a roof replacement, boiler replacement, lighting upgrades and construction of an interior elevator. All of these improvements have met the standards for the National Register of Historic Places.

Barbour County Courthouse Renovations and ADA Upgrades, Philippi, West Virginia

Project Architect for accessibility and upgrade renovations to 1890's Courthouse including handicapped ramp, replacement of historic stairs, interior elevator and space reallocations for County Clerk, Sheriff and Prosecuting Attorney. All work met Secretary of Interior Standards and was approved by WV SHPO.

Harrison County Courthouse Renovations, Clarksburg, West Virginia

Mr. Yoke has worked on multiple projects including Life Safety Upgrades; HVAC Renovations; and most recently, a space planning study and project to relocate the Circuit Clerk and County Commission and create a Circuit Court Room with support spaces within the existing courthouse.

Preston County Courthouse Renovations, Kingwood, West Virginia

Mr. Yoke has designed multiple project in this facility including life safety upgrades, courtroom upgrades and renovations and a comprehensive exterior renovation and stabilization project which included repairs and matching replacement of elements of the historic sandstone face of the building.

Braxton County Courthouse Addition and ADA Upgrades, Sutton, West Virginia

WYK Associates, Inc. designed an addition to and extensive repairs for this historic courthouse. The addition provided handicapped access to the entire courthouse complex, and new space for the County Commission, Assessor, and County Clerk.

Central Fire Station Renovations, Clarksburg, West Virginia

Senior Principal for this historic fire station, which was designed by Edward J. Wood in 1918, and subsequent renovations have been designed by WYK Associates Inc. to adapt the building to newer, larger firefighting equipment.

Dan Wiley

Function

Principal Court Operations + Facility Planner

Total Years of Experience

10 years as a Trial Court Administrator

25 years as a Judicial Consultant

Years of Experience with DWA

19

Education

Bachelor of Arts, Psychology, Florida Atlantic University, 1975

Mr. Wiley is president of Dan L. Wiley & Associates, Inc. and has been involved with court management and planning for 25 years. Since 1986, he has led court facility planning and court operations analysis projects throughout the United States.

Mr. Wiley formed DWA in 1992 and has successfully completed consulting engagements in the areas of judicial facility evaluation and masterplanning, courthouse space programming, organization analysis and operational assessment. He has provided technical assistance in strategic planning, service delivery pattern analysis, design review, security planning, long range forecasting and project coordination and management.

Mr. Wiley is a well-known presenter on judicial facility planning topics and has been a participant at the first, second and fourth International Conferences on Court Design, as well as a contributor to various conferences of the AIA Committee on Architecture for Justice. For several years he was a senior presenter at professional education seminars at the University of Wisconsin at Madison on Family Court Planning.

Mr. Wiley previously served as Trial Court Administrator for the 15th Judicial Circuit of Florida where he was responsible for court operations, facilities, services, planning, personnel and budget preparation for a 35-judge jurisdiction in one of the fastest growing areas of the country.

Project Experience

Pocahontas County Courthouse Renovations, Needs Assessment and Annex Programming, Marlinton, West Virginia

Mr. Wiley served as Principal Courts Consultant on this project aimed at evaluating the existing historic structure, defining existing and future space needs, and developing recommendations for improvement and expansion projects. This work was done in relationship with WYK Architects.

Law and Justice Center Masterplan Update, Gallatin County, Montana

DWA developed projections of judicial system growth and change and to identify existing and long term space requirements for judicial system services on an existing Law and Justice campus. This work was intended to update an outdated masterplan and to incorporate the impact of a recently constructed new jail facility on the site.

Statewide Judicial Facilities Masterplan Update, Utah

DWA was linked to a local architectural firm for the purpose of updating the statewide judicial facilities masterplan. Mr. Wiley (while with another planning firm) had participated in the original masterplan and provided continuity in the update as well as new support for revised space standards.

State of Hawaii, Judicial System Masterplan, Hawaii

Mr. Wiley (while part of another planning firm) was heavily engaged in the development of the State of Hawaii Judicial System Masterplan. Mr. Wiley provided operational assessments, participated in facility assessments and developed long range strategy options for improvements in the court facilities across the state.

Judicial Masterplanning for Four Counties Administrative Office of Courts, State of California

DWA provided court facility needs assessment and masterplanning for Merced County, Plumas County, Sierra County and Sonoma County. These county masterplans became the basis for subsequent inclusion of these counties in an overall state program of courthouse improvements and replacements.

New North Butte County Courthouse Programming, Butte County, California

DWA teamed with CTS (Chuck Short) to provide the operational and space program for a new branch court facility in Chico, CA. The project presented unusual challenges in the reorganization of judicial system service delivery patterns and the collocation of services previously housed in multiple buildings.

Judicial System Masterplan, Clark County, Nevada

DWA provided 20 year strategic estimates of growth, long term space needs assessment, and implementation recommendations for judicial facilities to serve Clark County, Nevada. This is a very large judicial system involving multiple facilities for various levels of court, covering an extensive geographic area.

Marsha Long

Function

Data Collection + Planning

Total Years of Experience

30

Years of Experience with DWA

18

Education

Liberal Arts, Louisiana Tech. University

Marsha Long, a Senior Associate with Dan L. Wiley & Associates, Inc. has 22 years of experience in court administration and justice system planning. Mrs. Long's extensive experience in justice system planning includes analytical research, operational analysis and planning, long-term needs assessment and programming of courthouse facilities.

Her experience has encompassed a broad range of detailed planning, programming and analysis for courts and court related agencies, as well as general government departments. She has developed and utilized a variety of analytical tools and has specialized in comprehensive documentation techniques, which included flow-charting, interviewing, survey collection and space needs assessments. She has had extensive experience in collecting and confirming the project data upon which subsequent planning decisions are based.

Project Experience

Judicial Masterplan Update, Courthouse Program and Technical Design, Charlotte County, Florida

DWA provided full service courthouse masterplanning and programming for a new state of the art county courthouse. Ms. Long collected and formatted projection data, conducted departmental interviews and developed space lists and relationship diagrams for occupant agencies of the facility.

Family Court Operations Analysis, Clark County, Nevada

DWA was engaged to conduct an operational analysis of the Family Court. Mrs. Long developed detailed statistical reports of court performance and an analysis of demand factors impacting the court's disposition rates.

Courthouse Center Renovation, Metro Justice Courthouse Program, Dade County, Florida

DWA was selected to provide programming services for a major remodel of the Gerstein Criminal Courthouse in

Miami-Dade County. Mrs. Long conducted departmental interviews and developed detailed adjacency diagrams to assist the architect in the functional layout of the remodeled areas.

Courthouse Program, Technical Assistance and Design Review, Fairfax County, Virginia

Fairfax County hired DWA to assist in the evaluation of a major expansion and remodel project to its main county courthouse. Mrs. Long was responsible for detailing existing occupancies and in developing documentation to support the remodel and expansion effort.

Courthouse Masterplan and Program, Loudoun County, Virginia

Mrs. Long was an integral part of the planning effort for the long range planning of the Loudoun County Judicial system and was active in the development of the space program for the new courthouse. This courthouse was a special project, designing new facilities in a way that was respectful of the community, the historic downtown and that was also sensitive to the preservation of the historic courthouse on the village square.

Regional Justice Center Programming, Thurston County, Washington

Mrs. Long supported the DWA analysis of Thurston County judicial needs and the planning for an expanded judicial center.

Government Center Masterplan, Collier County, Florida

DWA was asked to conduct a comprehensive evaluation of space needs for all government agencies on the main Collier County Government Campus in Naples, Florida. This study included County Administration and its related functions, Constitutional Officers (Clerk, Supervisor of Elections, Property Appraiser, Tax Collector, etc.) as well as the entire judicial system and the Sheriff and jail. Mrs. Long conducted interviews and developed an extensive data base of needs and requirements. She helped to compile the entire program of long term space requirements.

Gerstein Metro-Justice Center, Miami Dade County, Florida

In conjunction with local architects, DWA assisted Dade County, Florida, with the remodeling of its 400,000 square foot Richard E. Gerstein Justice Building and the planning and design of an adjacent 200,000 square foot Court office expansion project. Mrs. Long developed the staffing and space allocation tables for the expansion of the Clerk of Courts Department.

Charles Short

Function

Judicial Operations and Space Assessment

Total Years of Experience

15 years in Court Administration

3 years in Court Consulting as Principal of CTS Business Solutions

Years of Experience with DWA

Has sub-consulted to DWA for 2 years

Education

Bachelor of Arts, Economics, University of Nevada, 1978

Master of Arts, Business Administration, University of Nevada, 1985

Mr. Short is founder and principal of CTS Business Solutions and has been involved with court management for nearly 20 years. He served as the Court Administrator and Executive Officer for the Clark County Nevada courts for 15 years and retired from that position in 2008.

Mr. Short provides court organizational development and automation services. Mr. Short analyzes planned changes in court operations in association with the deployment of new technology to ensure that the facility design can accommodate future court business models. This requires assisting court officials and the design team to recognize the facility service profile for a new courthouse drives value engineering and other design decisions to provide the best design solution in support of future operations.

Project Experience

Clark County Courts Project Experience, Nevada

While in Court Administration, facilitated the design of two new courts, five expansions and remodels of existing facilities, as well as two facility masterplans for all of Southern Nevada. Charles has lead court user teams assigned to assist the A/E consultants, and has an extensive understanding of the development of a strategic vision for new court facilities, the impact of e-court or virtual court service technology, and how to translate this information for the incorporation into design documents.

Nevada Supreme Court Foreclosure Mediation Program, Carson City, Nevada

With the passage of legislation in 2009 mandating the creation of the statewide Foreclosure Mediation Program, the Supreme Court retained Mr. Short, as Organizational Development & Automation Consultant, to assist in developing court rules, policy and procedures, forms, organizational structure, a facility space evaluation, and metrics for the program.

New North Butte County Courthouse, Oroville, California

A justice facility designed to consolidate services from two old and undersized facilities into a modern courthouse designed to serve the growing north county area. In May of 2010, in association with DWA through T,S & K Architects, Assisted in space planning and program development for the New North Butte County Courthouse. Mr. Short's specific focus is the development of a facility operations profile defining those services and technologies available in the new courthouse upon opening and potential long term service expansion opportunities. The 67,000-SF facility includes five courtrooms.

Renovation Fresno County Courthouse, Fresno, California

The 200,000-SF project envisions a substantial remodel of the lower levels of the facility to provide for high volume courtrooms, an appropriate lobby/public screening area, a modern jury assembly area and modernized clerk of the court space. In April of 2011, in association with DWA through Ratcliff Architects, completed an investigation and project scoping effort for the remodel of the "main" County Courthouse and to provide court space planning. The scope of work requires a detailed review and assessment of the existing operations and facilities with a view toward creating a comprehensive list of priorities by the respective disciplines and a subsequent prioritization of needs. The goal for this phase is the creation of a remodel project scope of work within the project budget.

New Nevada County Courthouse, Nevada City, California

Court Space Planning and Organizational Consultant to design a 83,000-SF justice facility to replace this County's primary, yet inefficient facility, with a modern courthouse. In August of 2011, in association with Dan Wiley & Associates, Mr. Short assisted in space planning and program development for the New Nevada County Courthouse, which includes six courtrooms.

New Stanislaus County Courthouse, Modesto, California

Court Space Planning and Organizational Consultant to design a 301,000-SF justice facility to replace this County's primary undersized and outdated courthouse with a modern facility. In June of 2011, in association with Dan Wiley & Associates, Mr. Short assisted in space planning and program development for the County Courthouse.

Kristine Bishop Johnson, AIA, LEED AP

Function
Standards, Needs, + Facility Assessment/Space Planning

Total Years of Experience
11

Years of Experience with AECOM
11

Education
Bachelor of Architecture, Design, Clemson University, 2000

Professional Registration
Registered Architect: WI
LEED Accredited Professional

Presentations
"Creative Process + Collaboration + Trust = Design Ingenuity" Co-Presenter,
The Academy of Architecture for Justice, 2011 AAJ National Conference
November 2-4, 2011 Los Angeles, CA

"Re-thinking Justice Architecture in our Communities: One Building at a Time",
The Academy of Architecture for Justice, Seventh International Conference
on Justice Design: Designing For Justice: Dignity, Community, Sustainability,
Boston, Mass November 17-19, 2010.

"Bringing New Life to Old Buildings" Co-Presenter, AIA Design DC Conference,
Washington, DC, July 2009.

Publications
"Designing Your Courthouse to Meet a Prescribed Budget." *Courts Today*,
Volume 9, No. 2, April/May 2011

"Featured Project: Berkeley County Judicial Center." *Blast: News and Notes
from the Northern Virginia Chapter of the American Institute of Architects*,
Volume II, Issue 2, February 2008.

Ms. Johnson has 11 years of design experience in the justice sector and understands the working of courts and correctional facilities planning and the design of highly secure spaces. Her experience with high security buildings from programming through construction administration includes courthouses, correctional facilities, the FBI Academy, police substations, and American embassies.

She focuses on engaging the stakeholders in a project to understand their organizations operations. She has worked with Ken Jandura and Dan Wiley to plan several facilities. She was published in the Spring 2011 issue of *Courts Today*, highlighting her experiences working on the Montgomery County Judicial Center project.

Project Experience

US General Services Administration, Region 3 IDIQ
Two tasks: Judge Davis Chambers Renovation at the Garmatz Federal Courthouse in Baltimore, MD and Abingdon Courthouse Renovation in Abingdon, VA.

Berkeley County Public Safety Building, Berkeley County Commission, Martinsburg, West Virginia
Programming, proposed 115,000-SF public safety facility.

Berkeley County Commission, West Virginia

- **Berkeley County Judicial Center:** adaptive reuse of an industrial building into a 122,606-SF facility.
- **Berkeley Building Demolition**
- **Berkeley County Judicial Center Security Design:** bridging documents for electronic security addition.
- **Berkeley County Judicial Center Signage Design:** client's representative for signage design.
- **Dunn Building Feasibility Study:** mechanical and roof replacement study.
- **Crawford Building Feasibility Study:** programming, blocking and stacking, and space planning.
- **Crawford Building Design:** adaptive reuse and renovation of a woolen mill for circuit court expansion space and county clerk service offices.
- **Dunn Building Roofing Replacement and HVAC Upgrades:** construction administration services.

Baltimore City Circuit Courthouse, Baltimore, Maryland
Feasibility study to determine the future needs of the circuit court system.

Bucks County Site Analysis Study, Doylestown, Pennsylvania

A study to assist the judiciary, Bucks County, and the Borough of Doylestown in understanding the opportunities available for developing this site into a justice center.

Province of Alberta, Calgary Courts Centre, Calgary, Alberta, Canada

Space Planner for the planning and programming interpretation for of public support and administrative areas in a new 1.1 million SF court complex.

52nd District Courthouse and Oakland County Sheriff's Substation, Rochester Hills, Michigan

Assisted the architectural team in construction documents.

Montgomery County Judicial Center, Rockville, Maryland
Program verification and interior architecture team lead for the design of a new \$139.8 million judicial center annex and renovation of the existing judicial center.

District Court of Maryland, Rockville, Maryland
Architectural design team member during the conceptual design phase of a new 159,725-SF, \$59.9 million district court building.

James Swiger, AIA, NCARB, LEED AP

Function

Facility Assessment + Space Planning

Total Years of Experience

15

Years of Experience with WYK

7

Education

Bachelor of Architecture, University of Tennessee, 1996

Professional Registration

Registered Architect: WV
National Council of Architects

Mr. Swiger has worked on a variety of projects over the last 15 years spanning from historic, governmental, and institutional facilities, throughout West Virginia. He has experience as a team leader on projects from thousands of dollars to over \$22 million. Mr. Swiger is involved in all projects from conception through post occupancy and takes a personal interest in each project. Mr. Swiger is a Harrison County native, involved in several community and professional organizations. He is a past member of the WV AIA Board of Directors, Past Lieutenant Governor for Division 3 of the West Virginia Kiwanis District, a 2008 "Volunteer of the Year" Harrison County Chamber of Commerce, and he was selected for "Generation Next 40 Under 40" in 2008 by the West Virginia State Journal.

Project Experience

Pocahontas County Courthouse Renovations, Marlinton, West Virginia

Roof – removed one layer metal roofing and two layers of built-up roofing beneath that down to the roof deck. Installed new drainage and overflow drainage; installed a new fully adhered EPDM roofing membrane over tapered polyisocyanurate insulation which exceeded R values required by the energy code for this region of West Virginia.

Elevator – Added an elevator on interior of the building in an existing stair tower, while preserving the historical integrity of the 1894 structure. A total reconfiguration of the stairs was inevitable in order to accommodate the elevator shaft and stairs within the same tower. The renovations also make the building ADA accessible from exterior to access the new elevator since no on-grade entrance to the building enters on a main floor.

Boiler – Replaced an antiquated boiler in the Sheriff's Office/Jail building with a new high efficiency boiler;

upgraded the controls to meet current mechanical and energy code requirements.

City of Ripley Municipal Building, Ripley, West Virginia

Approximately 12,000-SF Municipal Building housing Police on 1st floor and City Offices and Council Chambers on 2nd floor. Developed a modern, yet traditional design to fit in with existing historic fabric of the town while taking advantage of the sloping site.

West Pike Street Parking Facility in Historic District, Clarksburg, West Virginia

This project consisted of the demolition and abatement of all the long-vacant, dilapidated buildings in the 300 block of West Pike Street, one of Clarksburg's main downtown thoroughfares. An historical study of these buildings was completed and reviewed by the State Historic Preservation Office prior to demolition.

Underground utilities and new storm water management created an unencumbered site for 126 parking places on two levels. The upper level entered from Traders Avenue is covered with translucent panels creating a "band shell." Lower level entry is from Pike Street. Concrete retaining walls, decorated brick pillars, accessible stairways, easy maintenance landscaping, programmable lighting, user friendly electronic parking fee collection, and stamped asphalt paving create accessible parking. The facility's design complements all the adjacent properties, both historic and modern. A variety of outdoor activities are easily held here, enhancing the city's economy and livability. The project earned 2008 AIA WV Merit Award for Design Excellence.

Historic Renovations to Waldomore For Clarksburg-Harrison Public Library, Clarksburg, West Virginia*

Pointed masonry; rebuilt and painted shutters; restored eroded, historic architectural sandstone back to its former glory. Restored the four massive Doric front columns in addition to refurbishing and reglazing the windows. All work met Secretary of Interior Standards and was approved by WV SHPO.

Christie-Cutlip Building, Bridgeport, West Virginia

Designed a distinguished and comfortable modern design that incorporated historic/traditional architectural features. A distinguished soaring clock tower was added to give the building presence within its surroundings. Energy efficient windows gave contrast to the brick textures while reducing heat gain and glare within the offices. This building is featured on Belden Brick's Website to showcase the intricate brick detailing.

** Performed while with another firm*

Rick Macia, AIA LEED AP

Function

Facility Assessment + Space Planning

Total Years of Experience

27

Years of Experience with AECOM

25

Education

Masters of Architecture, Princeton University, 1986
Bachelor of Architecture, University of Miami, 1983

Professional Registration

Registered Architect: FL, GA

During his 27 years of experience, Mr. Macia has been responsible for many successful justice projects, including the award winning Michigan Hall of Justice, Anne Arundel County Courthouse, Calgary Courts Centre, and the Albert V. Bryan US Courthouse. Mr. Macia's background includes masterplanning, building evaluations, architectural design, and project management for courts projects. His justice projects have been published in the AIA Justice Facility Reviews and the 1980-1991, 1991-2000, and 2001-2010 Retrospective of Courthouse Design.

Project Experience

State of California Trial/Appellate Court Facility Masterplan, Statewide, California

A study and evaluation of 399 existing court facilities in the state of California, and the creation of a masterplan that addresses building standards, the projection of future needs and the development of an implementation plan to offer options for prioritizing construction, cost estimating, funding, and ownership issues to meet the state's long-term renovation and expansion requirements.

Middlesex Trial Courts Masterplan, Middlesex County, Massachusetts

The Planning Team of Stull and Lee, Inc./AECOM in Joint Venture with Justice Planning Associates were chosen to provide masterplanning services for Middlesex County Massachusetts, of which the two largest cities are Cambridge and Lowell. Included in the masterplanning services are staff and courts projections, review of standards, building evaluations for the 16 existing courthouses, site planning for one new courthouse, and programming for a new probate and family courthouse.

Nashville/Davidson County Court System Analysis and Criminal Court, Nashville, Tennessee

The project included a study to forecast the future

growth of the judicial system and evaluate existing court facilities. Nashville-Davidson County created an interim courthouse to accommodate the entire downtown court system while their historic courthouse was renovated and the new Criminal Courthouse was constructed. The firm was selected to provide complete programming, building evaluations, and design services.

Collier County Government Center Facility Evaluations and Masterplan, Naples, Florida

Masterplanning for a 560,000 SF campus consisting of 16 county buildings, including the courthouse, administration building, health services building, sheriff's office and jail. Future need was projected to be almost one million SF. The study included comprehensive building evaluations and detailed programming.

State of Florida 1st District Court of Appeal, Tallahassee, Florida

AECOM is the Lead Architectural Designer, Courts Planner, and Interior Designer for the new, 100,000 SF 1st District Court of Appeal Courthouse. The building will include two courtrooms, 18 judicial chambers, and associated support space. Phase 1 of the project includes programming, evaluations of the existing facility, masterplanning, and site selection. Phase 2 includes complete design documents and construction administration.

Broward County Family Court, Ft. Lauderdale, Florida

The AECOM joint venture team is providing masterplanning and design services for the Broward County Judicial Complex in Ft. Lauderdale, Florida. The 18 acre site includes the County jail, courthouse complex, energy center, and several county office buildings. The site is planned to accommodate a new 730,000 SF Civil, Criminal, and Family Court building providing state-of-the-art courtrooms and office space. Comprehensive conditions assessments were performed for the existing buildings.

District Court Building, Rockville, Maryland

Program Verification/Courts Planner for a new 159,725 SF, \$45.4 million district court building. The new district court facility includes space for nine courtrooms for the District Court of Maryland, and court related agencies, including Judicial Staff, Administration Staff, Clerks, Commissioners, Detention – Montgomery County Sheriff's Department, Public Defender, and Parole & Probation Intake Unit, and the Department of General Services. Critical design issues to be addressed include parking, vehicular/pedestrian circulation and open space requirements, special constraints, topographical characteristics, and security requirements.

John Mott, FAIA

Function
Preservation Architect

Total Years of Experience
43

Years of Experience with JMA
15

Education
Bachelor of Architecture, University of Arkansas, 1960

Professional Registration
Registered Architect: WV

As a preservation architect, Mr. Mott has worked for some of the leading preservation firms in the country. He has led the design team on more than 200 restoration and preservation planning projects and, while with JMA, has provided preservation consulting to more than 30 professional firms.

Project Experience

Thurmond Commercial Row Stabilization, Thurmond, West Virginia

Served as Project Manager for the \$1.3 million stabilization of three historic multi-story commercial buildings of the late 19th century. In a state of abandonment, the buildings were the remaining structures of historic Thurmond's Commercial Row, now located within the New River Gorge National River. Work included masonry restoration, window restoration, structural repairs, installation of new floors, reconstruction of historic storefronts, and an automatic fire protection system.

Tredegar Ironworks Condition Assessment, Richmond, Virginia
Project Manager for a condition survey and assessment of five historic buildings, the site, and numerous industrial artifacts remaining from the ironworks that operated from 1836 until 1955. The assessment included maintenance recommendations and estimated costs.

Fort Belvoir Preservation Services, Fort Belvoir, Virginia
Principal in Charge and Project Manager. Has provided team and project management for approximately 30 preservation tasks accomplished under three indefinite delivery contracts. Work has included cultural resources support, feasibility studies, design, construction documents, 106 reviews, archeology, architectural surveys, and landscape architecture. JMA's fees have amounted to approximately \$350,000.

Arthurdale School Buildings Stabilization, Arthurdale, West Virginia

Project Manager for the project involving three schools buildings and accomplished using a Saving America's Treasures Grant. Arthurdale was the first New Deal resettlement town, built in 1933. The project consisted of a survey and condition assessment of the buildings followed by the partial restoration of the high school and the design of stabilization work in order to mothball all buildings while efforts to require funding are ongoing.

Clarke County Courthouse, Berryville, Virginia

Project Manager. The building was built in 1839 and remodeled in 1850 following a fire. An addition was constructed in 1935, but no changes have been made since that time. With the completion of a new county office building, the historic courthouse is now reserved for use by the courts. The \$1.2 million project consisted of exterior restoration, addition of an elevator, restoration of the original court spaces, and interior rehabilitation of the remainder including new restrooms, offices, and compliance with ADA requirements.

Virginia State Capitol Building Treatment Plan, Richmond, Virginia

Project Manager of the JMA team for the preparation of a Treatment Plan in anticipation of a major rehabilitation of the building. Work included a comprehensive interior and exterior survey of the building designed by Thomas Jefferson and extensively reworked in 1906. Work involved non-destructive evaluation, moisture mapping of interior and exterior walls, investigation and analysis of the existing roof, and a detailed survey of the exterior walls including doors and windows.

Washington National Cathedral Assessment, Washington, DC
Principal in Charge for the conservation assessment and preparation of a long-term maintenance plan for one of the largest Gothic style cathedrals in the world. JMA was retained to evaluate the current condition of building materials and to review life safety and accessibility. The purpose of the study was to assist the Cathedral in developing a plan for budgeting and managing the facility over the next 15 years.

Warren Air Force Base Window Survey, Cheyenne, Wyoming
Warren AFB was originally Fort Russell, a 19th century cavalry post. Served as Project Manager responsible for a study to determine relative costs for restoration and replacement of historic windows. Work included a survey of 4,500 historic windows, development of restoration methods, and cost estimating. Restoration proved to be comparable in cost to replacement and was the method selected by the Air Force.

Kirstin Falk

Function
Architectural Historian

Total Years of Experience
16

Years of Experience with JMA
9

Education
Master of Science, Historic Preservation, Ball State University, 2001
Bachelor of Science, Interior Design, Andrews University, 1995

A Historic Preservation Specialist, Ms. Falk joined the JMA staff in 2002 following work with the Historic Landmarks Foundation of Indiana, Sagamore Environmental Services, Inc., Advanced Architectural Concepts of Indianapolis, and Smallwood Reynolds Stewart & Stewart of Atlanta. She has 13 years of experience in architectural history, historic preservation, and preservation planning

Project Experience

John Marshall House Historic Structure Report (HSR), Richmond, Virginia

The home John Marshall built in 1790 has been a museum for almost a century and is owned by the Association for the Preservation of Virginia Antiquities. The HSR by JMA is the first ever prepared for the building. Ms. Falk was responsible for researching and writing the history of the property and the architectural history of the structure.

Illinois State Capitol Master Plan, Springfield, Illinois

JMA was part of the team charged with updating the master plan for the state capitol complex. Ms. Falk was responsible for all historic research related to the governmental buildings surrounding the capitol.

Drennen-Scott House Historic Structure Report, Van Buren, Arkansas

Ms. Falk led the team that developed the HSR and was personally responsible for all historical research and for writing the sections on historic context and history of the family. A project for the University of Arkansas- Fort Smith, one of the primary focuses of the HSR was the evolution of the family which lived in the house from 1836 until 2005, and the context in which the family built and expanded the house. As part of the work, she researched all major archival collections in Arkansas in addition to the University of Texas and the Library of Congress.

Historic Structures Documentation, Spring Hill Seniors Campus, Lorton, Virginia

Spring Hill was the first development to utilize a portion of the former Lorton Prison site. Ms. Falk was responsible for HABS Level III documentation of contributing buildings on the Spring Hill property, including on-site coordination of large format photography.

Williams Ordinary Feasibility Study, Dumfries, Virginia

A project done as part of the IDIQ contract for historic preservation that JMA had with Prince William County. The overall project consisted of a feasibility study to determine the potential for reuse of the property. Ms. Falk's part of the project included historic research and assessment of the historic structure.

Barnes House Historic Structure Report, Prince William County, Virginia

The house had a long association with the family of former slave Eppa Barnes, who died in 1931. Prince William County acquire the structure and plans to restore it as an African American heritage museum. Tradition said that the house was built immediately after the Civil War, but evidence uncovered as part of the HSR places it closer to 1830. Ms. Falk cowrote the Historic Structure Report, developing the historical context and collaborating on the recommendations for treatment.

Phoenix Bank of Nansemond HSR, Suffolk, Virginia

Served as the Project Manager for the preparation of the historic structure report for this historic former African-American owned bank building. In addition to managing the team, she was responsible for all historic research and interpretation.

Lorton Prison Historic District Design Guidelines, Lorton, Virginia

As part of an overall master plan for the former DC Department of Corrections, Lorton Prison Complex, Ms. Falk was responsible for preparation of architectural design guidelines which will guide the redevelopment of the site.

Survey of Historic Properties, US Army Garrison, Fort Belvoir, Virginia

Project Manager for field survey; background research on history of buildings and structures; evaluation of significance; and determination of eligibility for inclusion of specific resources in the National Register of Historic Places. Survey consists of over 30 known resources constructed prior to 1954, which have not been previously surveyed.

Michelle Manuel, IIDA

Function
Interior Design

Total Years of Experience
16

Years of Experience with AECOM
10

Education
Bachelor of Science, Interior Design, Radford University, 1995

Professional Registration
NCIDQ certified, 1998

Ms. Manuel is a senior programmer and interior designer with over 16 years of experience providing services for an impressive list of government and private clients, including GSA, the Department of Defense, the Department of State, and the Federal Bureau of Investigation. Ms. Manuel's experience includes space planning, design development, schematic design, and construction documentation for over one million SF of office space.

Working closely with clients and tenants, she has provided comprehensive programming services, including detailed data gathering and analysis. In addition, she has developed comprehensive conceptual designs to support each individual client's goals and objectives, made presentations to ensure client understanding and buy-in and carried those concepts through to implementation. She has also developed signage and graphics programs, as well as full FF&E that complete a comprehensive package, to support individual clients workplace solutions. She also has coordinated with the National Capital Planning Commission.

Project Experience

Roybal Federal Office Building (FOB) & Spring Street Courthouse Expansion Study, Los Angeles, California

Provided evaluation and planning for courtroom design as part of study to determine how available space in three existing courthouses, Roybal FOB, the Spring Street courthouse, and the adjacent 300 North Los Angeles Street, could be adapted to meet the needs of the Los Angeles federal court. The courtroom design included comparative analysis and courtroom renderings and animation. AECOM's study provided solutions—including programming conformity, standards compliance, and separate circulation—for a reuse option by housing 42 courtrooms in Roybal FOB; 17 courtrooms in the Spring Street courthouse; and support functions in the 300 North Los Angeles building.

Poff Courthouse, Roanoke, Virginia

Interior Designer for the renovation of the courthouse lobby. Required multiple design concepts, construction drawings, finish selections, finish binder, and complete construction price estimates for three different options.

Peumansend Creek Regional Jail, Caroline County, Virginia

Interior Designer to provide an FF&E procurement package and signage for this campus-style, medium-security jail facility of 336 beds (with planned expansion to 672 beds).

Lafayette Building Modernization, Washington, DC

Served as the Senior Interior Designer for modernization of the historic Lafayette Building. She helped develop interiors concept design to ensure flexibility of future reconfigurations and coordinated concept with engineering, furniture, and architecture. Conducted studies for the densification of staff to ensure flexibility with the growth and reduction of departments. The project included an estimated \$7 million package to implement the furniture, furnishings, and interior signage program of requirements. As part of a phased renovation, the FF&E design will be procured in three separate packages: a package for interim locations; a package for permanent locations; and signage package for permanent locations.

FBI Strategic Information and Operations Center, J. Edgar Hoover Building, Washington, DC

Designer responsible for finishes and furniture for a 45,000-SF operations center within the FBI headquarters. Designed as a highly secure facility, the operations center accommodates multiple special use spaces: a control room, four operations rooms, five crisis action team rooms, and a 12,000-SF MIS facility. With a particularly aggressive design schedule and demanding functional criteria, AECOM completed design in four months and construction in ten months.

INS Border Patrol Station, Tucson, Arizona

As a Staff Designer, worked closely with the architectural team to incorporate existing furniture into a new space plan. Her responsibilities included development of interior finishes to coordinate with the existing furniture, specifications and finish schedules.

Thomas Gillard, PE, LEED AP

Function
Structural Engineering

Total Years of Experience
15

Years of Experience with AECOM
3

Education
Master of Science, Civil Engineering, Johns Hopkins University, 1998
Bachelor of Science, Civil Engineering, Johns Hopkins University, 1997

Professional Registration
Professional Engineer: DC, MD

Mr. Gillard is a professional engineer with project management and structural design experience in a variety of building types that include justice, academic, healthcare, and hospitality. Structural repair and renovation projects add to his professional experience of structures ranging in size from 1,000 SF to 750,000 SF. He is well-versed in designing with various structural materials, including composite steel, concrete, post-tensioned concrete, masonry, and wood. His experience further includes progressive collapse resistant design, design meeting blast resistance requirements, and various shallow and deep foundation systems. His expansive knowledge in product type and structural systems, combined with exposure to all phases of the design and construction process, contribute to his effective management of projects of any size.

Project Experience

Montgomery County Judicial Center Annex, Rockville, Maryland

Structural Engineer for a \$1,139.8 million judicial center that includes the design of a new 191,000-SF courts tower and the renovation of an existing 327,000-SF courthouse.

US Federal Courthouse, Richmond, Virginia*

Structural Project Manager for this \$77 million, 300,000-SF courthouse facility that houses nine courtrooms and a 64-car interior parking space. The project includes composite floor framing and moment frame steel structure and a mat foundation system. The courthouse is designed to meet federal guidelines for progressive collapse and to meet green building standards established by the US Green Building Council.

US Federal Courthouse Annex, Wheeling, West Virginia*

Structural Design Engineer for the renovation and expansion of this 88,000-SF facility housing courts, court-related agencies, and interior parking. Designed to meet federal guidelines for progressive collapse, this \$21 million project included a composite floor framing, a moment frame steel structure, and a foundation of auger-cast piles, pile caps, and grade beams.

Montgomery County District Court and Multi-Services Center, Silver Spring, Maryland*

Structural Design Engineer for a 71,000-SF facility housing four courtrooms, court-related agencies, and interior parking. Designed to meet federal guidelines for progressive collapse, this \$13.5 million project included a composite floor framing and a spread footing foundation system.

Tazewell County Courthouse and Jail, Tazewell, Virginia*

Provided structural construction administration for the renovation and expansion of this 119,000-SF justice facility housing law enforcement, court functions, and a 220-bed jail. The facility was designed with steel joist framing and moment frames on courthouse side, with composite framing under courtrooms for reduced vibration. The building includes cast-in-place beam and slab structure, with masonry bearing walls on the jail side.

St. Clair County Adult and Juvenile Detention Facility, Port Huron, Michigan*

Structural Design Engineer for the 165,000-SF justice facility housing a sheriff's office, a 384-bed adult detention facility, a 70-bed juvenile detention facility and building support spaces. The \$32 million facility includes a precast double tee and hollow core slab structure, with precast columns and bearing walls, and a spread footing foundation system.

District of Columbia Department of Corrections, Washington, DC

Structural Engineer for an IDIQ contract where the first task order is to provide an inmate processing center (IPC). The IPC consists of a new addition to and renovation of the existing intake/release area and a new vehicle sally port that is separate from the loading dock area.

** Performed while with another firm*

Paul Sabatiuk, PE, LEED AP

Function
Mechanical Engineering

Total Years of Experience
36

Years of Experience with AECOM
15

Education
Bachelor of Science, Mechanical Engineering, Princeton University, 1973
Masters Program, Mechanical Engineering, Rensselaer Polytechnic Institute, 1979

Professional Registration
Professional Engineer: MD
LEED Accredited Professional

Mr. Sabatiuk has worked on nearly 10 local courthouse projects, ranging from small-scale renovation feasibility studies to large-scale, energy-efficient mechanical systems designs for courthouses. For these project types, he integrates security systems with energy modeling and control systems, and he coordinates the smoke control systems designs with other disciplines so that the smoke, sprinkler, and fire alarm zones match and are coordinated with egress paths. He also has designed energy recovery air handling units and detention hardware, including HVAC air devices and plumbing fixtures.

Project Experience

Berkeley County Judicial Center Assessment Study and Design, Martinsburg, West Virginia

Mechanical Engineer for a feasibility study to determine the future needs of the County's judicial system and the most suitable location for the new judicial center. The team was then chosen to design the 32,000-SF Crawford Building and the 122,606-SF Berkeley County Judicial Center. The judicial center is an adaptive reuse of a 1920s industrial building and is planned around nine courtrooms, seven hearing rooms, and other related spaces.

Montgomery County Judicial Center, Rockville, Maryland
Mechanical Engineer for a \$139.8 million judicial center that includes the design of a new courts tower and the renovation of an existing 327,000-SF courthouse. Once completed, both structures will house approximately 28 to 34 courtrooms. AECOM is providing planning, programming, and architectural services.

Lynchburg Juvenile and Domestic Relations Courthouse, Lynchburg, Virginia

Mechanical Engineer for a 46,345-SF juvenile and domestic courthouse facility. To meet LEED certification requirements, Mr. Sabatiuk designed the mechanical systems to include total energy recovery systems (sensible and latent) with 85% efficiency to precondition minimum outside air to reach air handling units.

Queen Anne's County Circuit Courthouse Study, Centreville, Maryland

Mechanical Engineer to prepare a master plan for the future needs of Queen Anne's County circuit courthouse. The planning study focused on projecting the future personnel and spatial needs of the court system, evaluating the existing structure, developing concepts, preparing cost estimates, and recommending an option.

District Court of Maryland, Rockville, Maryland

Mechanical Engineering QA/QC for a new 159,725-SF, \$59.9 million district court building. The new district court facility includes space for nine courtrooms for the District Court of Maryland and court related agencies, including judicial staff, administration staff, clerks, commissioners, detention—Montgomery County Sheriff's Department, Public Defender, and Parole & Probation Intake Unit, and the Department of General Services. Critical design issues included parking, vehicular/pedestrian circulation and open space requirements, special constraints, topographical characteristics and security requirements.

Crawford Building Design, Martinsburg, West Virginia

Mechanical Engineer for the adaptive reuse and renovation of this 32,000-SF, 1920s woolen mill for circuit court expansion space and county clerk service offices.

Dunn Building Feasibility Study, Martinsburg, West Virginia

Mechanical Engineer for a mechanical and roof replacement study that documented existing conditions, made recommendations, and provided preliminary cost information to the owner.

Southern Maryland US Courthouse Feasibility Study Greenbelt, Maryland

Mechanical Engineer to develop viable alternatives for the expansion of the courthouse. The feasibility study addressed long-term needs of the US Court and related agencies. It also examined options responding to the stated 10-year need and identified methods of expansion to accommodate the 30-year need.

Eric Henry, PE, LEED AP

Function
Electrical Engineering

Total Years of Experience
16

Years of Experience with AECOM
14

Education
Bachelor of Science, Electrical Engineering, Clarkson University, 1995

Professional Registration
Professional Engineer: VA, MD, PA
LEED Accredited Professional

Mr. Henry is a specialist at analyzing, developing, and implementing the designs of complex electrical systems for controlled environments—adeptly synthesizing myriad user requirements into a comprehensive design. His portfolio features a range of building types, including justice, educational, and commercial facilities. He also brings an expertise in electronic security, designing access control, alarm, and surveillance systems for justice and other governmental facilities. His thorough understanding of redundancy requirements for extremely demanding systems underpins his concept developments, systems analyses, and fatal flaw analyses.

Project Experience

James City County Government Center, Building J, Williamsburg, Virginia

Lead Electrical Engineer for the design of a 30,000-SF county government facility, including an auditorium, the county's main data center, and office space. The \$3.8 million facility included photovoltaic (PV) panels on the roof used for peak shaving. The PV banks were paralleled with the utility. The design included secondary distribution, A/V dimming system, auditorium lighting design for broadcast, fire alarm, PV paralleling design, and general lighting and power distribution design.

DuPage County Government Campus, Wheaton, Illinois

Electrical Engineer for both electrical and fire alarm design for the \$55 million expansion of the government campus. Also performed entrance addition for security screening to the existing courthouse and renovation of the courthouse dining facility. Projects undertaken in the campus expansion included a new 180,000-SF judicial office facility annex, which houses the State's Attorney, Public Defender, and Probation functions. Also included were a new underground parking structure, landscaped campus

courtyard, alterations and addition to the Sheriff's building, renovation of the existing judicial office facility, campus utility upgrades, underground pedestrian connections, and stormwater detention upgrades.

Unified Communications Center (UCC), Washington, DC

Lead Electrical Engineer for a new 139,000-SF call center and emergency operations facility for the District of Columbia. Also involved in construction administration of this \$116 million project. Design included mission critical data center and call floor design with 99.999 percent availability, varying levels of redundancy, and maintainability while keeping systems online. Systems designed included UPS cabinets, generators and generator paralleling switchgear, low voltage switchgear, static transfer switches and PDUs, dimming systems, energy monitoring and control system, and extensive grounding systems for radio and IT systems.

Joint Interagency Training and Education Center (JITEC), Camp Dawson, West Virginia

Lead Electrical Engineer for the new 283,000-SF, \$110 million education and training center slated for LEED-NC Silver certification. The project consists of three buildings: a new 82,000-SF operations building; an 180,000-SF billeting (hotel) expansion; and a 21,000-SF expansion of existing Regional Training Institute.

US Coast Guard Operations Systems Center Feasibility Study, Martinsburg, West Virginia

Electrical Engineer for the A/E evaluation of three alternatives to achieve an additional 192,000 SF of leasable Class A office administrative, training, and communication program space (LEED-NC Silver certified), as well as providing adequate parking for the entire campus. The 96-page feasibility study provided conceptual site plans, facility plans, and discipline narratives supporting detailed size and cost estimates and rent management interpretation of each alternative to assist the GSA and Coast Guard in making their decision to lease on or off campus.

Architect of the Capitol IDIQ Contracts, Washington, DC

AECOM is providing A/E planning and design services under two consecutive IDIQ contracts for the AOC, involving the modernization of some of the District's most historically significant buildings. Served as Electrical Engineer for the Senate Employee's Child Care Center (SECCC) and Daniel Webster Page Dorm (DWPD) Back-Up Power task. The generator will be gas-fired and sized to support all systems within both facilities.

Mark Connors

Function
Environmental Engineering

Total Years of Experience
28

Years of Experience with AECOM
12

Certifications
Asbestos Inspector
Certified Microbial Investigator
Certified Microscopist
Lead-based Paint Risk Assessor
Lead-based Paint Inspector
Lead-based Paint Abatement Worker/Supervisor

Mr. Connors has over 25 years of consulting experience in asbestos and lead abatement in numerous cities and states including states in the Mid-Atlantic region. His experience includes project management, field management, cost estimating, air sampling, and microscopy. Projects include city transit, refineries, as well as federal, state, and municipal buildings. Mr. Connors has conducted worker/supervisor training and asbestos awareness training for clients throughout New York and New Jersey. This included hands-on training, covering all applicable local, state, and federal regulations to assure compliance with all applicable regulations pertaining to asbestos and lead abatement.

As a certified microbial investigator, Mr. Connors has conducted visual site inspections and assessments for microbial contaminants in buildings, and has collected both air and surface wipe samples for mold determination. He has provided clients with conclusions and recommended actions in a Report of Preliminary Mold Inspection & Findings, and has produced abatement specifications.

Project Experience

Fleet Bank, Asbestos Abatement, Multiple Locations

As part of pre-demolition and pre-renovation activities, conducted asbestos inspections of numerous bank branches in New Jersey, Pennsylvania, New York, Connecticut, Delaware, and Maryland. After the inspections were completed, developed bid documents and abatement specifications; coordinated contractor walk-throughs along with bid document review; and conducted air monitoring and project oversight to ensure contractor compliance. As part of the visual site inspections and assessments for microbial contaminants, collected air samples and surface wipe samples for mold determination. Provided

conclusions and recommended actions in the Preliminary Mold Inspection Report.

United States Coast Guard, Soil and Structural Sampling for Lead, Lighthouses Throughout Delaware and Maryland
As Technical Lead, Lead Inspector, and Risk Assessor, conducted soil and structural sampling for lead at six lighthouses throughout Delaware and Maryland. Was responsible for writing the final report of findings with recommendations on how to address the lead containing materials identified during the survey.

GSA, Environmental Site Inspection & Assessment, Former Nike Missile Site Swedesboro, New Jersey
Conducted an Environmental Site Inspection & Assessment. Responsible for pre-demolition surveys of 15 structures (asbestos, lead, mercury, PCBs, and Freon) prior to demolition, collecting samples of suspect materials and documenting locations, writing inspection report of findings, and making recommendations to the client of how to address the hazardous materials prior to demolition of the impacted buildings.

Mold Investigation & Sampling, 7-Eleven Accounting Center in Burlington, New Jersey

Conducted a visual site inspection and assessment, and collected both air samples and surface wipe samples for mold determination. Provided conclusions and recommended actions in the Report of Preliminary Mold Inspection.

Ackman Ziff, Asbestos & Mold Investigation, Loch Raven Plaza, Towson, Maryland

Conducted asbestos inspection and mold investigation of the shopping center. After the asbestos inspection was complete, conducted visual site inspections and assessments for microbial contaminants, collected both air samples and surface wipe samples for mold determination. Provided conclusions and recommended actions in the Preliminary Mold Inspection Report. Provided an Asbestos Operations & Maintenance Report to assist the client with managing the asbestos materials in place.

AHERA Consultants Inc., Oceanville, New Jersey
Responsible for all field operations acting as the Lead Project Manager. Design and prepare project plans and specifications, scheduling, conduct site inspections and assessments, air sampling, and bulk sampling. Monitor contractor compliance with New Jersey State and Federal guidelines.

Thomas Donaghy, AIA, LEED AP

Function
Space Planning

Total Years of Experience
17

Years of Experience with AECOM
9

Education
Bachelor of Architecture, University of Arizona, 1994

Professional Registration
Registered Architect: VA
LEED Accredited Professional

Mr. Donaghy has led the design on nine significant courts projects. He establishes a planning vision that accommodates all of the technical and functional requirements unique to each project. Mr. Donaghy's planning process involves a true collaborative approach. He blends ideas together against new and old paradigms in coordination with all disciplines, encouraging the original thought and divergent thinking that addresses the client's facility goals.

Project Experience

Baltimore City Circuit Courthouse Feasibility Study, Baltimore City, Maryland

Feasibility study to determine the future needs of the circuit court system. AECOM also analyzed and selected various sites for a new criminal court facility and determining options for connectivities. The project includes looking at various funding options for implementing the project and determining available historic tax credits for the renovations of the existing buildings. AECOM prepared concepts for two selected sites that comprise 657,000 SF.

Maricopa County Criminal Court Tower, Phoenix, Arizona

Lead designer for a 10-year facilities plan to accommodate a total of 209 courtrooms. The plan included the consolidation of County Justice Courts with Superior Court and expansion of the Central Court Campus. The linchpin of the plan is the development of a new 680,000-SF, 32 courtroom, 14-story Criminal Court Tower. When complete, the downtown court complex will provide a total of 70 Superior Courtrooms.

Midland County Courthouse, Midland, Michigan

Two-phase renovation and addition to a contextual rich historic courthouse in the heart of Michigan.

Montgomery County Judicial Center, Rockville, Maryland

Design of a new \$139.8 million judicial center annex and renovation of the existing judicial center. Project consists of the design of the new 191,000-SF courts tower with an additional parking level below grade and renovation of the existing 327,000-GSF courthouse. Juvenile court functions and other related family court functions will relocate to the annex, leaving vacant spaces in the existing judicial center available for re-use. Movement of court functions will be sequenced, without the use of temporary swing space, to maintain uninterrupted court operations.

Laurel County Justice Center, London, Kentucky

Design of a new 88,970-SF judicial facility to meet the current and future program needs of the court system. The new courthouse will have five courtrooms, two alternative dispute resolution rooms, two hearing rooms, Circuit Clerk offices, law library, sheriff's main holding area, attorney conference rooms, jury deliberation suites, jury assembly rooms, the grand jury suite, and judges' chambers.

District Court of Maryland, Rockville, Maryland

Design of a new 159,725-SF, \$59.9 million district court building. The new facility includes space for nine courtrooms and court related personnel and agencies, including judicial staff, administration staff, clerks, commissioners, Detention – Montgomery County Sheriff's Department, Public Defender, and Parole & Probation Intake Unit, and the Department of General Services. Critical design issues include parking, vehicular/pedestrian circulation and open space requirements, special constraints, topographical characteristics, and security requirements.

Lynchburg Juvenile and Domestic Relations Courthouse, Lynchburg, Virginia

Lead designer for master planning, programming, and design of a 38,000-SF juvenile and domestic courthouse facility. Components of this project include reassessment of future projections; recommendation of an implementation strategy for the juvenile and domestic relations court; and execution of the selected strategy by providing and managing the architectural design and construction administration services.

Queen Anne's County Circuit Courthouse, Centreville, Maryland

Development of a concept design for a new courthouse on a site that is in close proximity to the oldest courthouse in continuous use in the State of Maryland.

Rick Lloyd

Function
Cost Estimating

Total Years of Experience
26

Years of Experience with AECOM
13

Education
Bachelor of Science, Thames Polytechnic, 1985

Professional Registration
Royal Institution of Chartered Surveyors
American Association of Cost Engineers

As the Associate Director leading Davis Langdon North America's Justice Sector, Mr. Lloyd brings over 26 years' experience of construction cost planning and estimating services on a very wide range of domestic and international projects. He has notable expertise in the government, education, and healthcare sectors. He has extensive experience in providing cost estimates at all phases of design and construction, including pre-construction and post construction cost reports, claims reviews and settlements, and project management services. In addition, Mr. Lloyd has conducted and participated in value engineering exercises on many projects.

Project Experience

Los Angeles Federal Courthouse, General Services Administration, Los Angeles, California

The project consists of a new federal courthouse in downtown Los Angeles of approximately 951,996 SF, together with underground parking for up to 150 cars. This courthouse will house at least 41 courtrooms for the US District Court, judge's chambers, and consolidate court support functions for the US Attorney, US Marshals, US Probation, and US Pretrial Services, which are currently spread throughout the downtown area. Designed to secure a LEED Platinum rating, the new courthouse will employ various sustainable design features, including a vast south facing solar wall that will generate a substantial part of the building's energy requirements and a massive thermal wall on the north side that will provide a constant source of free cooling and heating.

San Diego Federal Courthouse, General Services Administration, San Diego, California

The project consists of a new federal courthouse in downtown San Diego, including underground parking for up

to 98 cars and associated sitework. The building will be located next to the existing Edward Schwartz Federal Courthouse and bounded by Broadway and State streets. The program includes 14 District Courts, 20 judges' chambers, and one visiting judge chamber, court support functions, US Marshals, and US Pretrial.

New Central Courthouse, Administrative Office of the Courts, San Diego, California

A Design Excellence project for the General Services Administration, this project consists of a new federal courthouse building in downtown San Diego of approximately 683,000 SF, with one level of underground parking, and associated sitework. Also included in the project is the cost to close Union Street and to convert it to a pedestrian plaza. An underground tunnel connection to the existing tunnel in Union Street is also included. The project includes 14 District Courts, judges' chambers, court support functions, US Marshals, and a Circuit Satellite Library, and backfill tenants.

New Courthouse, Administrative Office of the Courts, San Bernardino, California

The project consists of the construction of a new 36-courtroom building in the City of San Bernardino encompassing approximately 396,125 SF. It also includes secured underground parking, public parking, and associated sitework. The site occupies an entire city block. The program includes 36 courts, judges' chambers, courtroom support function, administrative offices for Criminal division, Appeals and Appellate division, Juvenile division, Family and Children's division, general service and building supports.

Banning Courthouse, County of Riverside, Administrative Office of the Courts, Banning, California

The project consists of a new mid-county courthouse in Banning, California encompassing approximately 72,242 SF of space. It also includes surface parking for public and judges and associated sitework. The site occupies an entire city. The program includes six new courtrooms, including an arraignment court, and a community court for traffic and small claims, court administration, support services, clerk's office, justice partners, and court and building operations.

Frank Murphy, PE

Function
Fire Protection/Plumbing Engineering

Total Years of Experience
36

Years of Experience with AECOM
20

Education
Plumbing Design and Management Seminars, 1979-1999
Courses in Fire Science, 1995 - 1998
Courses in Math, Architecture, and Engineering, 1972-1974

Professional Registration
Professional Engineer: MD, DE

Mr. Murphy is one of the firm's senior fire protection and plumbing engineers. His experience includes performing feasibility studies for and designing a broad range of judicial and government facilities. He has provided plumbing and fire protection design for more than 25 justice type facilities. He also conducts life safety and fire protection surveys of existing facilities, develops master plan documents, and designs systems for new and renovated facilities.

Mr. Murphy's experience includes analysis of life safety and building code analysis; design of addressable fire detection and alarm systems; design of water-based fire suppression systems, including wet and dry types for general facility protection; and design of gaseous clean agent systems, including FM-200, and Inergen systems for security equipment and control rooms.

Project Experience

Berkeley County Judicial Center Assessment Study and Design, Martinsburg, West Virginia

Fire Protection Engineer for a feasibility study to determine the future needs of the County's judicial system and the location for the new judicial center. The team was then chosen to design the 32,000-SF Crawford Building and the 122,606-SF Berkeley County Judicial Center. The judicial center is an adaptive reuse of a 1920s industrial building.

Montgomery County Judicial Center, Rockville, Maryland

Fire Protection Engineer for a \$139.8 million judicial center that includes the design of a new 191,000-SF courts tower and the renovation of an existing 327,000-SF courthouse. Once completed, both structures will house approximately 28 to 34 courtrooms. AECOM is providing planning, programming, and architectural services.

Lynchburg Juvenile and Domestic Relations Courthouse, Lynchburg, Virginia

Fire Protection and Plumbing Engineer for a contract to provide master planning, programming, and design of a 46,345-SF juvenile and domestic courthouse facility. Components include reassessing future projections, recommending an implementation strategy for the Juvenile and Domestic Relations Court, and ultimately providing architecture and construction administration services.

District Court of Maryland, Rockville, Maryland

Fire protection and plumbing engineer for a new 159,725-SF, \$56 million district court building. The new facility includes space for nine courtrooms and court-related agencies. Critical design issues include parking, vehicular/pedestrian circulation and open space requirements, special constraints, topographical characteristics, and security requirements.

Southern Maryland US Courthouse Feasibility Study Greenbelt, Maryland

Fire Protection Engineer to develop viable alternatives for the expansion of the courthouse. The feasibility study addressed long-term needs of the US Court and related agencies. It also examined options responding to the stated 10-year need and identified methods of expansion to accommodate the 30-year need.

Pima County Justice Court & Tucson Court Complex Tucson, AZ

Fire Protection and Plumbing Engineer for a needs assessment, which projects growth through 2025. The team programmed, master planned, and designed a new 540,000-SF, \$96 million consolidated justice complex. The 28 courtroom facility will consolidate the County Justice and City Municipal Courts, in a modern, state-of-the-art justice center.

Thurgood Marshall Courthouse Modernization Project, Project Evaluation & Mitigation Recommendation Report, New York, New York

As a result of the Construction Manager at Risk submitting a cost proposal that was approximately \$100 million over budget for the modernization of the Courthouse, the GSA Central Office retained AECOM to review the current status of the contractor's cost proposal. After only 40 days to prepare five deliverables, the team identified several factors that contributed significantly to high cost proposal. The team also proposed several possible solutions to assist in reducing the cost of this project. Mr. Murphy was the Fire Protection Engineer.

David Weaver, PE

Function
Civil Engineering

Total Years of Experience
23
Years of Experience with AECOM
12

Education
Master of Science, Structural Engineering, University of Washington
Bachelor of Science, Civil Engineering, Clemson University

Professional Registration
Professional Engineer: WV, MD, PA

Mr. Weaver is an experienced Project Manager who oversees and performs planning studies, engineering design, and construction management for a variety of project types and disciplines. As Branch Manager of the AECOM office in Morgantown, West Virginia, Mr. Weaver supervises the operations in that office and coordinates with other AECOM offices around the country.

Project Experience

Federal Correctional Institution (FCI) and Federal Prison Camp (FPC), Welch, West Virginia

AECOM Task Manager for the Design-Build contract for this \$238 Million facility. Services included drainage, stormwater management, and erosion and sedimentation control. The FCI consists of a group of 10 buildings in a compound plan arrangement, accommodating 1,076 inmates; the FPC consists of a stand-alone, minimum-security complex of two buildings in a compound plan arrangement, accommodating 128 inmates. Both are maintained by four building support facilities and related site development/utilities.

High Street Streetscape Improvement Project (Phase IV), City of Morgantown, Morgantown, West Virginia

Project Manager responsible for the development of plans, specifications, and cost estimates for the streetscape project from Pleasant Street to Kirk Street. Services also include bidding/negotiation support and construction administration.

Soccer Practice Facility, Phase II, West Virginia University, Morgantown, West Virginia

Lead Civil and Structural Design Engineer. Civil engineering services included development of the site layout plan, site grading, site drainage design. Structural engineering services included development of foundation and roof framing plans and details, shop drawing review.

Mountainlair Plaza and Parking Structure, West Virginia University, Morgantown, West Virginia

Project Manager, responsible for supervising and performing field investigations and analyses for the condition evaluation and programming and conceptual design for the renovation of a multi-use plaza and parking structure.

Mon Fayette Expressway, Monongalia County, West Virginia

Served on the AECOM project design team during the design phase and as Project Manager during the bidding and construction phases for this project, which involved the design of 1.5 miles of 4-lane controlled access mainline, two interchanges including a high-speed, tri-level connection with I-68, 1.9 miles of new or reconstructed local roads, and multiple bridge, box culverts, and retaining wall structures.

Airport Improvement Program, Morgantown Municipal Airport, Morgantown, West Virginia

Project Manager for various airport improvement program projects. AIP projects included rehabilitation of Runway 18/36, design and construction of Taxiway A extension for Runway 18/36, design and construction of the AARF building, and study, design and construction of a 1,000 ft. Runway Safety Area for Runway 18/36. AECOM services included environmental planning; construction, safety and phasing plans; and peer reviews.

The Upper Monongahela River Center, City of Morgantown, Morgantown, West Virginia

Project Manager for a multi-use waterfront facility in the historic Wharf District. Civil engineering services included development of the site layout plan, site grading, site drainage design, boat dock design, and construction inspection.

High Street Streetscape Improvement Project (Phase III), City of Morgantown, Morgantown, West Virginia

Project Manager responsible for the development of plans, specifications, and cost estimates for the streetscape project from Walnut Street to Pleasant Street. Services also included bidding/negotiation support and construction administration.

Monongahela River Rail-Trail, Monongahela Rivers Trails Conservancy, Monongalia County, West Virginia

Project Manager responsible for the development of plans, specifications, and cost estimates for a 3.5-mile section of the Mon River Trail. Services also include bidding/negotiation support and construction administration.

Project Organization

A. Personnel Managing and Assigned to Your Project

Barry Rude: As Project Manager, and a West Virginia native and current resident, Mr. Rude will manage the various resources to undertake each of the phases of this needs assessment study. Mr. Rude will also monitor the schedule and communicate continuously with Bill Yoke, Project Coordinator, on the scheduling of activities for each of the phases.

Bill Yoke: As the Project Coordinator, Mr. Yoke will be responsible for coordinating all the activities through the various phases with the State. Specifically, Mr. Yoke will be responsible for contacting all the counties in scheduling meetings, tours and evaluations, particularly as the leader of the Advance Team. During the Facility Assessment phase, Bill will coordinate with the evaluations team leaders in scheduling visits to each of the court facilities. Along with Barry Rude, Bill will provide periodic updates to the Authority on the status of the project.

Dan Wiley: Mr. Wiley has been involved with court management and planning for 30 years, including developing statewide master plans for Hawaii and Utah. As a former Trial Court Administrator in Florida, he is intimately familiar with the workings of the court. Mr. Wiley will lead the effort in interviewing each county and court representative for data related to operations and planning, supporting in development of the space standards and design guidelines, assisting in the functional and spatial evaluations; and developing planning options for each county.

Charles "Chuck" Short: Mr. Short is a retired Court Executive and Clerk of Courts of the Eighth Judicial District Court of Nevada. Mr. Short will support Dan Wiley in interviewing the county/court representatives, provide guidance on the development of design guidelines as they relate to the influence of court technology, and participate in the development of planning options. His operational background will be instrumental with regards to careful financial analysis of the costs and benefits of operational and facility related changes and active engagement with statewide and national court organization, service delivery and management issues.

Kenneth Jandura: Mr. Jandura has over 24 years of experience in judicial planning and design. He brings to the team several statewide judicial master plans expertise including for the Hawaii and California Courts systems. Mr. Jandura and Mr. Wiley collaborated together on the development of the Hawaii Judicial Master Plan. In addition to his role as Principal in Charge, Mr. Jandura will have a hands-on approach through all phases including the functional assessment of court facilities and the development of planning strategies for each of the 55 counties. Mr. Jandura will lead one of the regional teams that will be evaluating the courthouses.

Kristine Johnson: Ms. Johnson will lead the facility assessment phase of the project. She will work closely with Bill Yoke on coordinating and scheduling the tours for the assessment teams and assisting in the development of the database that will be used to capture the information required for the assessment of each facility.

Rick Macia: Mr. Macia brings over 23 years of experience in planning and designing judicial facilities. He will lead one of the regional teams in evaluating the courthouse facilities and participate in developing the planning options for each county.

Thomas Donaghy: Mr. Donaghy will lead one of the regional teams in evaluating the courthouse facilities and participate in developing planning options.

Joseph Wells: As Principal in Charge, Mr. Wells will be responsible for providing the necessary resources required for this important study and maintaining the quality of relationship between the West Virginia Courthouse Improvement Authority and the AECOM/WYK team.

John Mott: Mr. Mott is a historic preservation specialist and will be used to evaluate buildings indicated as historical during the assessment phase.

Rick Lloyd: Mr. Lloyd is a cost estimator. He has worked with the AECOM team on past pursuits to provide a cost per deficiency and solution as it related to building assessments.

Office Locations

AECOM has had an established presence in the Mid-Atlantic region since the 1950's, and we have since been serving clients throughout West Virginia; Virginia; Washington, DC; and Maryland. We will manage our work out of our Arlington, Virginia office, as well as out of WYK Associates Clarksburg, West Virginia office. Our proximity—just a car-ride away—affords us the ability to respond quickly to your needs. We have successfully designed and managed projects in various locations in West Virginia from our Arlington office.

Team Offices' Addresses

AECOM: 3101 Wilson Blvd, Suite 900, Arlington, VA 22201

WYK Architects: 205 Washington Avenue, Clarksburg, WV 26301

Dan L. Wiley & Associates, Inc.: 7000 SE Federal Hwy., Suite 305, Stuart, FL 34997

John Milner Associates, Inc.: 5250 Cherokee Avenue, Suite 300, Alexandria, VA 22312

Organization Chart

Please see the following page, containing the organization chart of key personnel.

Experience With Facility Assessment and Courthouse Projects

AECOM's experience on over 100 court facilities nationwide will give the State of West Virginia access to the most up-to-date ideas in courts design. Our judicial projects encompass the complete range of court design, from federal to state appellate and county/municipal levels. These projects have included assessments, programming, planning, architectural and interior design, engineering and construction/program management services. Our courts design expertise is the cornerstone of our successful history in justice projects. Our designs are based upon in-depth understanding of court systems' operational needs and the importance of functional and cost-effective design and include the involvement and input of the end user.

In the field of judicial planning and design, AECOM has built a reputation for tailored problem-solving by working with clients to find the right solutions for their requirements. Multi-disciplined and versatile, we cross-train and combine talent to customize teams and services to meet the strategic needs of each project. Our collaboration and focus leads to great results and we consider long-term relationships with our clients to be the hallmark of our performance and success. AECOM has been consistently ranked by national publications as a leader in design for over 30 years. In 2011 *Engineering News-Record* ranked AECOM as #1 the 'pure' designers category, as well as #1 in correctional facilities and government offices. Our justice practice has had 50 projects selected for inclusion in Excellence in Justice Architecture by the American Institute of Architects Committee for Architecture in Justice, including seven special citations. Additionally, our justice professionals have published over 100 articles in leading magazines addressing court facility planning and design, including *Justice Review*, *American City & County*, *Building Design & Construction* and *Design/Build*.

Further, our team members have been asked by national court organizations, including the National Center for State Courts; the Institute for Court Management; the Court Technology Conference; and the National Association for Court Management, to provide training courses to court officials involved with capital projects for their systems.

WYK Associates, Inc. (WYK)

WYK Associates, Inc. is a full service architectural and planning firm serving a wide variety of civic and justices clientele. The firm has worked on several courthouses and justice facilities throughout West Virginia, including the Preston County Courthouse, Bridgeport Public Safety Substation, Barbour County Courthouse, and Braxton County Courthouse. Additionally, the firm has worked on several courthouses that are on the Historic District National Register.

WYK provides thorough planning in all areas of each project to fit the individual requirements for a positive impact on both the

natural and built environments. Additionally, the firm carefully evaluates the client's program, design concerns, budget, funding sources, and other available data to provide a clear understanding of each project. They incorporate input from their client and consultants to establish the budget and schedule. These facets are updated during each stage of project development to insure their client's parameters are met.

Loudoun County Courts System Expansion Master Plan, Leesburg, VA

AECOM and DWA developed a feasibility study and provided pre-design services for the expansion of the County's courts system, which includes circuit courts and clerk's office, juvenile and domestic relations district courts, and other essential related court functions. The team studied, reviewed and provided verification of the present courts system, confirming previously identified problems, identifying policies and security issues, and noting system relationships and current and changing trends. The team's pre-planning services included addressing immediate space needs; programming of courts system space (including assessment of staffing levels, adjacencies, parking needs, and projected growth); providing a plan for maximizing use of existing facilities; relocating staff; and potential options for renovation and new construction. The team also analyzed potential sites, making recommendations for the siting of new buildings, support infrastructure and parking. The team then provided conceptual drawings and associated budgets for each alternative site. Site analysis incorporated historic preservation considerations, demonstrating the feasibility of locating court facilities on-site by means of new construction and adaptive reuse.

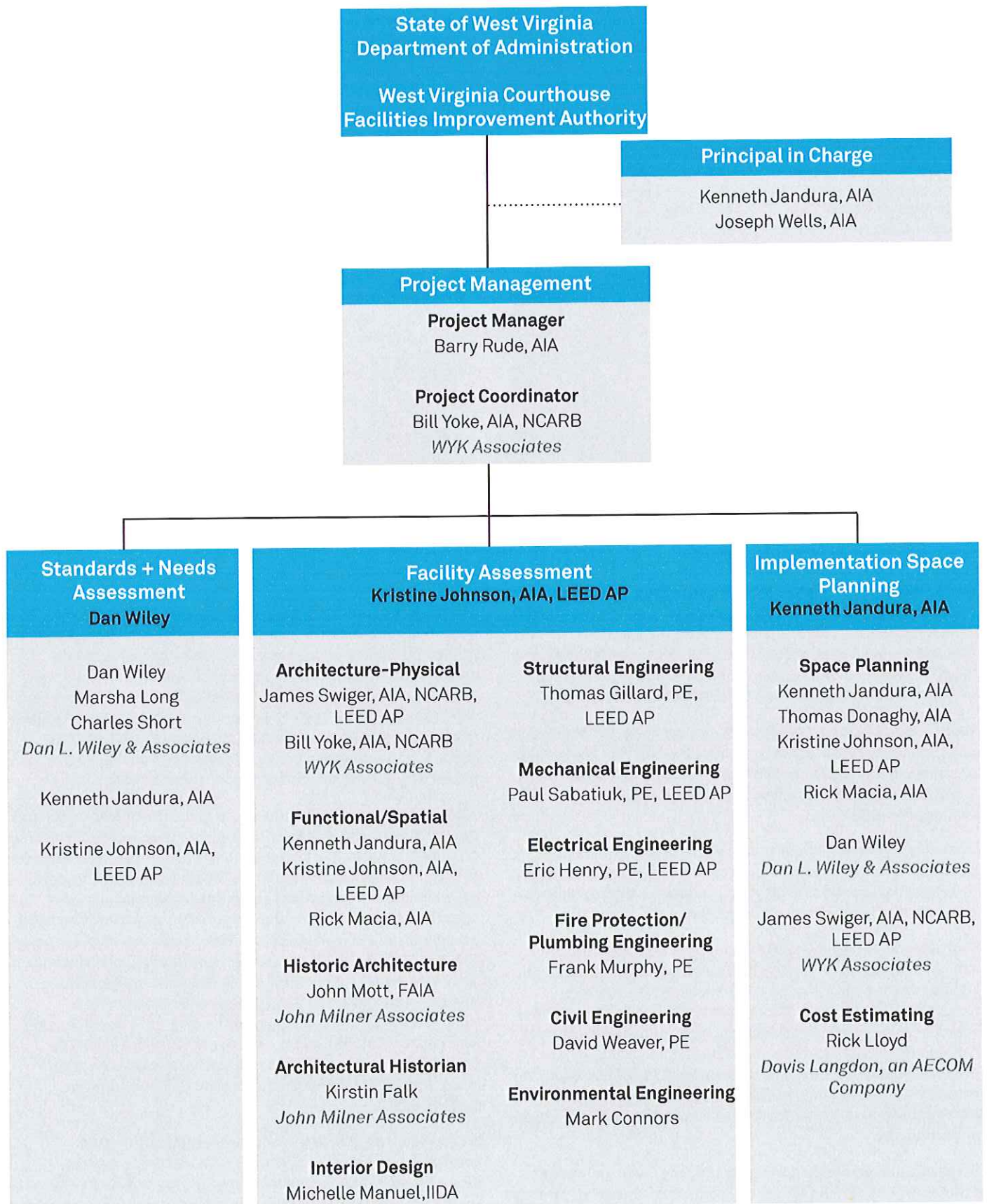


Braxton County Courthouse Addition, Sutton, WV

WYK's project began as an evaluation of alternatives for ADA compliance and handicapped accessibility both to and within the courthouse. It evolved into a three-story addition to the office wing, which provides a ramp for access to the building, an elevator with access to the three primary building levels, and a wheelchair lift to provide access to the courtroom. Also included are accessible restrooms, a County Commission Meeting Room and expanded office space for the County Commission and the Assessor. The entire building received a new roof, new windows, a fire protection system and structural repairs to the original bell tower. Courthouse activities continued throughout construction.



Team Organization Chart



All personnel are AECOM personnel unless otherwise noted.

Preston County Courthouse Renovation, Kingwood, WV

The Preston County Commission hired WYK to restore the exterior sandstone façade of this Pre-World War II Structure. WYK did extensive research to find out where the original stone was supplied from; in Ohio. Given the nature of sandstone, which is very soft and porous, much of the stones around the top had deteriorated due to the failed stone parapet allowing water penetration into the stone. WYK replaced all of the parapet stones, as well as 2/3 of the upper stone façade with new stone from the original quarry. The parapet stones were set with stainless steel pins over a waterproof flashing system. The head joints of the parapet were caulked in lieu of mortar to ensure its performance through the expansion and contraction of the extreme weather conditions prevalent in Preston County.



Dan L. Wiley & Associates, Inc. (DWA)

Dan L. Wiley & Associates, Inc. offers professional court operations and facility planning services. The firm's expertise is based upon the years of experience in trial court administration and court consulting projects of Mr. Wiley and his colleagues. DWA offers an approach to court planning projects that emphasizes the following characteristics:

Technical proficiency: Team members are skilled in the theory and techniques of forecasting, work flow analysis, and space planning. Great emphasis is placed on clear communication and the building of consensus for findings and recommendations.

Operational basis: DWA brings to each project the unique perspective of the professional court manager and the ability to combine the principles of good planning with the practical insights of actual operational experience.

Professional integrity and process: DWA is committed to ethical practices and quality performance. Clients have the right to expect truthfulness and to have their situations handled with attentiveness and sensitivity. Planning success, whether related to operational practices or facilities, is best achieved in the context of mutual trust, analytical methodology and consensus development. DWA is skilled and practiced in the management of complex issues, diverse personalities and interests, as well as project meetings, tasks and products.

Strategic perspective: DWA takes the long view. Immediate problems are best handled in the context of an overall strategy or long-range plan. A clear view of the ultimate objectives, both operational and spatial, is vital to the development of short-term initiatives.

These characteristics, coupled with a commitment to excellence and a deep personal interest in the improvement of judicial process and facilities are the client's assurance of quality service and product satisfaction.

Charlotte County Courthouse, Charlotte County, FL

DWA was retained to provide both masterplanning and programming services for the new Charlotte County Courthouse. The facility replaces an old and inadequate court facility that was built in the 1920s and had several subsequent additions. The new facility provides courtrooms and office space for eight judges and serves both the general and special jurisdiction courts in the county. Also included are support spaces for the Clerk of Courts, Court Administration, the State Attorney and Public Defender, as well as jury assembly, prisoner holding and grand jury functions. The overall area of the facility is 162,000 SF and includes an entire floor of shell space to meet future expansion requirements.



John Milner Associates, Inc. (JMA)

JMA is part of our team to provide supplemental historic preservation/restoration services. Founded in 1968, JMA is a preservation firm with a staff of 87 architects, materials conservators, landscape architects, preservation planners, architectural historians, and archeologists. For four decades JMA has dedicated itself to historic preservation and cultural resources management through the many disciplines that support and promote a holistic approach to saving and preserving our nation's irreplaceable historic resources.

JMA's offices are maintained throughout the mid-Atlantic and the northeast. The Alexandria, Virginia office will take the lead on projects under this contract. JMA specializes in all aspects of the preservation of historic buildings and sites. Projects have included restoration, renovation, rehabilitation, and adaptive reuse of historic buildings; master plans for historic properties and university campuses; feasibility studies for the reuse of historic buildings and sites; preparation of historic structure reports, tax credit applications, and National Register nominations. JMA staff members meet the requirements of the Secretary of the Interior's Guidelines for Professional Qualifications Standards (36 CFR Part 61) for professionals working in the field of historic preservation. More than half of JMA's architects are LEED accredited professionals.

We believe that JMA is the only preservation firm that combines all of the key disciplines necessary to assess, resolve, and implement recommendations for almost any issue relating to historic preservation. JMA encompasses the fields of historic architecture, architectural conservation, materials testing, archeology, landscape architecture, architectural history, and preservation planning.

The staff at JMA has extensive experience in compliance review and in working with various State Historic Preservation Officers (SHPO). Specifically, JMA has completed four recent projects in West Virginia that required review by the SHPO including the following:

- Thurmond Commercial Row Stabilization, Thurmond, WV
- Jenkins Plantation Restoration, Green Bottom, WV
- Arthurdale Schools Stabilization, Arthurdale, WV
- Taggart Hall Visitors Center, Romney, WV

Taggart Hall Visitors Center, Romney, WV

Taggart Hall is a historic eighteenth-century residence located in the heart of Romney, West Virginia. JMA was retained by the Fort Mill Ridge Foundation to renovate the historic structure into a regional visitors center and museum. Work included construction of a new addition to create an accessible entrance lobby, exhibition space, accessible toilets, and curatorial workspace. The historic residence was renovated to accommodate a reception area, exhibition space, and offices. Lighting, electrical, and mechanical systems were upgraded throughout the facility. The project also included removal of non-historic features on an adjacent vacant lot to create a downtown park for community events.



JMA's project experience includes historic courthouses and other governmental structures of all sizes and types. The degree of care provided by the JMA staff is the same regardless of the building's fame. Recent projects have included:

- Charleston City Hall, Charleston, SC
- East Feliciana Parish Courthouse Rehabilitation, Clinton, LA
- Anne Arundel County Courthouse, Annapolis, MD
- Bradford County Courthouse, Towanda, PA
- Lackawanna County Courthouse, Scranton, PA
- Charleston County Courthouse, Charleston, SC
- Clarke County Courthouse, Berryville, VA
- U.S. Marine Hospital, Louisville, KY
- OAS Building Interior Rehabilitation, Washington, DC
- Virginia State Capitol Treatment Plan, Richmond, VA
- Tredegar Ironworks Building Complex Condition Assessment, Richmond, VA

JMA is more than capable of supporting the project team through almost any preservation issue, from materials repair to design of accessibility installations.

Davis Langdon, an AECOM Company

Davis Langdon, an AECOM company, provides a comprehensive and integrated construction consultancy delivered through our cost management, risk consulting, sustainability consulting and research business units. Our multi-disciplinary teams possess a wide ranging understanding of construction, making it possible for us to plan, manage and control all aspects of your project.

Davis Langdon has provided cost planning and cost estimating services on new construction and renovation of courthouses either directly for the owner or on behalf of design teams. At the state level, we were instrumental in establishing the initial historical database of courthouse construction costs for the California Administrative Office of the Courts (AOC) in 2003. Since that time we have worked on numerous construction projects for the agency, providing us with current knowledge of superior court construction. We typically engage with the design team at the programming stage to ensure that the program is aligned with available funds. The cost impacts of issues specific to court projects, such as secure parking, secure holding pathways to courtrooms, public access to building spaces and general security criteria, and LEED performance criteria are brought into the initial budget-setting exercises. Further into design, Davis Langdon milestone estimates serve as a communication tool for the team to compare scope and adequacy of budgeting, and as a format to explore alternative systems with varying impacts on costs. Finally, we monitor cost escalation and pricing in the marketplace for courthouse construction, allowing us to suggest strategies for procurement and bid alternates.

The firm's courthouse experience extends to the federal level as well where we are currently providing cost engineering and cost estimating services on an as needed basis to the General Services Administration for US courthouses, US border stations, and Federal office buildings. We have also worked on behalf of design firms on numerous GSA Design Excellence projects including the Los Angeles Federal Courthouse, the San Diego Federal Courthouse, and the Eugene Federal Courthouse as well as the new courthouses in Austin, Texas, Salt Lake City, Utah, and Fresno, California. We have developed and continually maintain a knowledge base of cost data gleaned from this experience, which enables us to provide clients with benchmarking and other data.

Experience Working Together on Courthouse Projects

Our team members have successfully worked together on previous courthouse projects. AECOM has been collaborating with DWA on more than 10 courthouse projects for 20 years, including the King County, Washington Justice Master Plan and the Nassau County Courthouse and Miami-Dade County Family Courthouse in Florida. Additionally, AECOM and JMA have collaborated on courthouse projects for nearly 20 years, to include the Thurgood Marshall Courthouse in New York and the Anne Arundel County Courthouse in Annapolis, Maryland. DWA and WYK also have a successful relationship. The two firms have been pursuing projects together since 2005, and recently completed needs assessments and courthouse renovations for Pocahontas County, West Virginia. This experience of working together on successful courthouse projects, provides West Virginia with a seamless integrated team that fosters collaboration.

B. AECOM's Ability to Provide Services Within Project Time Frame

Our courts design team is proud of its history in meeting project schedules. Critical to this success is that all team members understand how their input impacts the overall process, and what specific tasks they are responsible for and when they are to be accomplished. Communication is also vital to maintaining schedule. Project team meetings are held weekly. Project reviews and quality assurance checklists are held to verify schedule compliance.

Our management structure, as well as our depth of personnel—350 employees in our Arlington, Virginia office—allows us to assign the appropriate personnel to your contract and to respond quickly and expediently to your needs. We have assigned a core team who will remain with your contract from inception to completion. Additionally, we have included WYK Associates on our team to provide a local presence and help conduct facility assessments, keeping your project on track. The following chart provides evidence of our ability to provide services within the scheduled time frame.

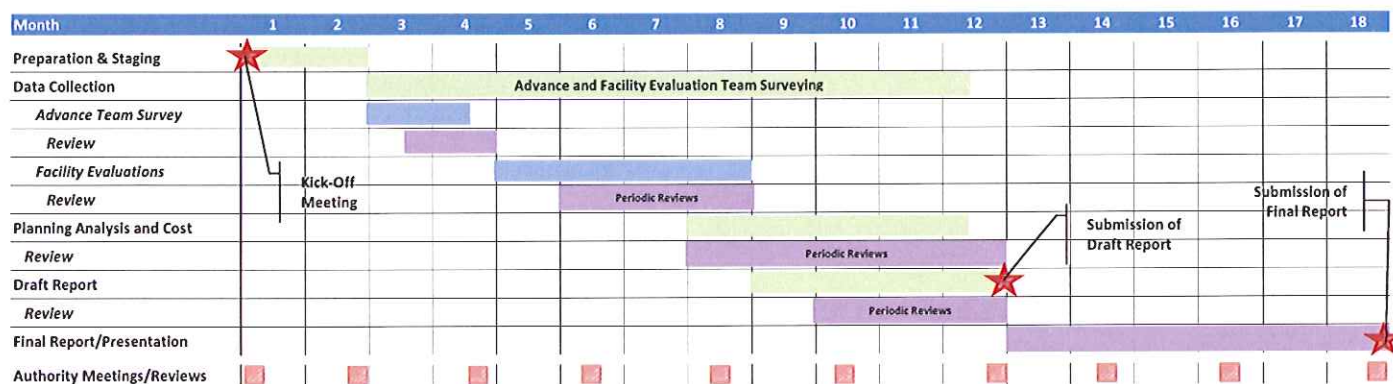
Proposed Project Schedule

The AECOM/WYK Team understands the requirement to submit a draft assessment report 12 months after contract signing and a final report 18 months after contract signing. Our team is committed to meeting your schedule requirements. The timeline we have developed below provides a general overview of the major activities proposed in our project approach. Upon selection, our project manager and coordinator will work

AECOM'S DESIGN SCHEDULE SUCCESS		
PROJECT	SCHEDULED DURATION	ACTUAL DURATION
Queen Anne's County Circuit Courthouse Study, Centreville, MD	14 months	14 months
J. Louis Boulbitz District Court Hagerstown, MD	7 months	7 months
Anne Arundel County Courthouse Annapolis, MD	24 months	24 months
Berkeley County Judicial Center Feasibility Study and Design, Martinsburg, WV	40 months	40 months
52nd District Court 3rd Division Courthouse and Oakland County Sheriff's Substation, Rochester, MI	14 months	14 months
Nassau County Courthouse Yulee, FL	15 months	15 months
Justice A.A. Birch Courthouse and Ben West Renovation, Nashville, TN	13 months	13 months
Albert V. Bryan US District Courthouse Alexandria, VA	25 months	24 months

closely with the Agency's Board of Directors to develop a more detailed schedule. Furthermore, once the Advance Team has completed their work, we will prepare and resubmit a schedule detailing the proposed visits to each of the courthouse facilities in the 55 counties of West Virginia.

West Virginia Court Needs Assessment Study
Proposed Project Schedule



Experience Completing Similar Projects

A. Relevant Projects

The following pages provide examples of our team's ability to execute projects similar to your proposed project.

B. References for the Last Two Projects of a Similar Size and Scope

Project Name: State of California Trial/Appellate Court Facility Master Plan

Contact Person Name: Robert Emerson, Assistant Division Director - Office of Court Construction and Management

Address: Administrative Office of the Courts, 455 Golden Gate Avenue, 8th Floor, San Francisco, CA 94102

Telephone Number: (415) 865-4900

Project Description: Please see the following project experience section for the project description.

Project Name: Collier County Government Center Facility Evaluations and Master Plan

Contact Person Name: Skip Camp, Director, Department of Facilities Management

Address: Collier County Government Center, 3301 East Tamiami Trail, General Service Building, Naples, FL 34112

Telephone Number: (239) 774-8380

Project Description: Please see the following project experience section for the project description.

References for the Last Three Projects with County Governments

Project Name: Berkeley County Judicial Center Assessment Study and Design

Contact Person Name: Deborah Hammond, Berkeley County Administrator

Address: 400 West Stephen Street, Suite 201, Martinsburg, WV 25401

Telephone Number: (304) 264-1923

Project Description: Please see the following project experience section for the project description.

Project Name: Pocahontas County Courthouse Renovations

Contact Person Name: Reta Griffith, Former Commissioner

Address: RR1 Box 122A, Marlinton, WV, 24954

Telephone Number: (304) 799-4523

Project Description: Please see the following project experience section for the project description.

Project Name: Montgomery County Judicial Center Annex

Contact Person Name: Hamid Omidvar, AIA

Address: 101 Monroe Street (EOB), Rockville, MD 20850

Telephone Number: (240) 777-6126

Project Description: The existing Montgomery County Circuit Court operates in the Judicial Center building, constructed in 1980, which needed renovation, and in two satellite facilities located across the street. This inefficient separation of operations was in need of consolidation. AECOM worked with the Montgomery County Department of General Services, Office of Special Projects, the Circuit Court to develop a plan that would allow them to consolidate off-site functions into one building complex, upgrade critical systems in their existing facility, provide six additional courtrooms to meet 2015 year projections, provide for greater change and flexibility in the future and enhance the image of the complex.

AECOM assisted in prioritizing spatial and upgrade needs to validate the Court's existing program and to consider re-imaging the face of the judicial complex. The team worked closely with the Court, County, and other stakeholders to establish a revised program that applied County space standards, validated space needs and provided the framework of a functional, safe, and secure modern courthouse.

As the seventh major courthouse project in the history of Montgomery County, this new complex will become the eastern anchor for a revitalized government center and a symbol of the courts' important role in the community. Sited at the intersection of East Jefferson Street and Maryland Avenue in the downtown Rockville, this project involves the design of a 191,000-SF new courts annex and renovation of the existing 327,000-SF courthouse. Juvenile court functions and other related family court functions will relocate to the annex, leaving vacant spaces in the existing judicial center available for reuse.



Client Commendations for Courthouse Projects

✓ STUDIES THAT EXCEED EXPECTATIONS

US Courthouse Spring Street & Roybal Federal Office Building Expansion Study, Los Angeles, CA

"Based on your team's professional expertise, GSA was able to develop a focused plan for housing the US Court in Los Angeles that met budgetary limitations, judiciary requirements and portfolio stewardship...[AECOM] has accomplished everything that was requested and more."

—Robert Fay, AIA, Center for Courthouse Programs, General Services Administration (GSA)

✓ RESPECT FOR STAKEHOLDERS

Anne Arundel County Courthouse, Annapolis, MD

"We were really fortunate to have a firm that could maintain its integrity of design while at the same time reacting to important suggestions made by the Historic District Commission members and their professional consultants..."

—David Simison, President, Anne Arundel County Bar Association

US Courthouse Spring Street & Roybal Federal Office Building Expansion Study, Los Angeles, CA

"Your team's understanding of court facilities and stakeholder concerns resulted in the development of some very workable creative solutions that have been well received by the users, owners, and development team constituents."

—Leslie Shepherd, Chief Architect, GSA

✓ STRONG QUALITY DESIGN

Berkeley County Judicial Center, Martinsburg, WV

"I've been here before, but every time is like a new experience here at the Judicial Center. It's especially important because this is the center for the administration of justice in this county and it speaks well for Berkeley County."

—Darrell McGraw, West Virginia Attorney General

Nassau County Courthouse, Yulee, FL

"The new judicial annex is both state-of-the-art and classical, and influences from the historic 1892 courthouse are clear from just a casual glance at the building."

—The News Leader, April 2004

Albert V. Bryan US District Courthouse, Alexandria, VA

"Your demonstrated ability to design a very high quality building within the prescribed budget under difficult site conditions, severely restrictive design guideline, and a myriad of other complex requirements is commendable."

—Frederick Carothers, Project Executive, GSA, NCR

Berkeley County Judicial Center Assessment Study and Design

Martinsburg, WV



Relevancy Points

- Courthouse project
- Needs assessment studies
- Site analysis + evaluation studies
- Space standards + design guidelines development
- Historic structure
- Award-winning design

Project Completion Date

2006

Awards

- AIA West Virginia Honor Award for Excellence in Architecture
- Cumberland Valley Chapter of Associated Builders and Contractors; Excellence in Construction Award, First Place, 2007
- Retrospective of Courthouse Design, 2001-2010

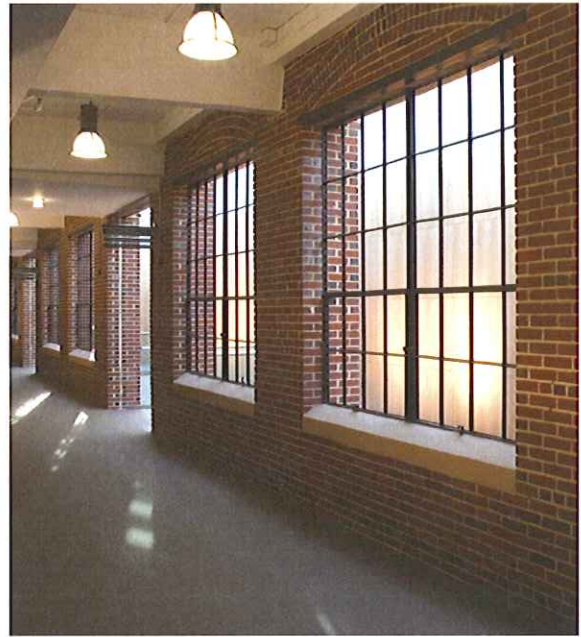
Beginning in 2001, AECOM provided the Berkeley County Commission with services ranging from feasibility studies to design to construction administration services for the consolidation of county courts and offices into a unified complex. AECOM's first task was a feasibility study to determine the location of the new judicial center complex. As a result, the Berkeley County Commission purchased a five-acre site with three buildings, originally a 1920s woolen mill. The existing building consisted of a four-story, U-shaped building (73,864 SF), a courtyard, and a two-story building inside the courtyard.

The newly renovated and upgraded 122,600-SF judicial center houses nine courtrooms and several hearing rooms for the Circuit, Magistrate, and Family Courts; Clerks of the Circuit and Magistrate Courts; prosecuting attorneys; probation; central holding facility, and court support. The judicial center was planned around courtrooms and their related spaces: judges' chambers, grand jury hearing rooms, private circulation; prisoner holding and secure circulation; public waiting areas, witness waiting rooms,

attorney/client conference rooms, and public circulation.

ASSESSMENT STUDY

AECOM prepared an assessment study to determine the future needs of their judicial system and the most suitable location for the new judicial center. The study consisted of two tasks. The first task included analysis of current operations at the various facilities, forecast of the future growth caseloads and judgeships, development of space standards and design guidelines, and preparation of space needs in five-year increments for the next 25 years. The second task focused on developing an analytical approach for the most suitable location for the judicial center. Three sites were analyzed and evaluated based on criteria prepared by AECOM and the courts and county. The sites included the existing historical courthouse, a former elementary school across the street, and a former woolen mill two blocks away. The conclusion of this task resulted in the selection of the woolen mill, based on the ability to functionally convert it into a courthouse and the cost in comparison to the other two sites.



ADAPTIVE REUSE

The Berkeley County Judicial Center design is an adaptive reuse of a 1920s woolen mill. Flexibility was one of the keystones for establishing and maintaining long-term viability for the judicial center. The entire judicial system was consolidated under one roof, making it easier to share spaces. AECOM's design celebrates the original woolen mill by emphasizing its form and materials with a contrasting new glass entrance. This approach enhanced the building's presence as a judicial facility, while maintaining the local character and scale of the city of Martinsburg. AECOM elevated the building to the stature and identity of a judicial facility by using appropriate materials and civic massing.

AECOM worked closely with the county commission and judges to develop the design.

DESIGN ADDITION

A new four-story addition infills the U-shape portion of the building, connecting the two separate wings into one large floor plate. With respect for the building's context, original exterior walls are exposed in a new three-story light well to create a grand public space that serves as a frame of reference for members of the public to orient themselves within the large floor plate. The second, third, and fourth floors are connected through this open space. Glass railing bridges serve as entrances to the courtrooms.



Pocahontas County Courthouse Renovations

Marlinton, WV



Relevancy Points

- Courthouse project
- Needs assessment studies
- Evaluation studies
- Space standards + design guidelines development
- Historic structure
- National Register of Historic Places

Project Completion Date

2010

The Pocahontas County Commission first hired WYK and DWA to provide a needs assessment and evaluation of all the county's owned and leased administrative buildings, a total of five structures.

From the assessment/evaluation process, the commission has given WYK a contract to eliminate an existing stair wheelchair lift and install an elevator within the existing courthouse, replace a roof to a 1973 annex, and install a new boiler in the old Sheriff's Residence/Jail Building. WYK will also be performing HVAC and lighting upgrades to the entire courthouse along with adding a new IT Room. WYK is currently assisting the county with an application for additional state Energy Grant funding earmarked for courthouses.

Two parts of the previously mentioned work (roof and boiler replacements) are currently under construction. WYK is working very closely with the commission to prioritize each project and provide an opinion of probable cost for each without restricting efficient services within the Courthouse. Future work will be phased as funding allows.

Harrison County Courthouse Renovations

Clarksburg, WV



Relevancy Points

- Courthouse project
- Needs assessment studies
- Evaluation studies
- Space standards + design guidelines development
- Historic structure

Project Completion Date
2001

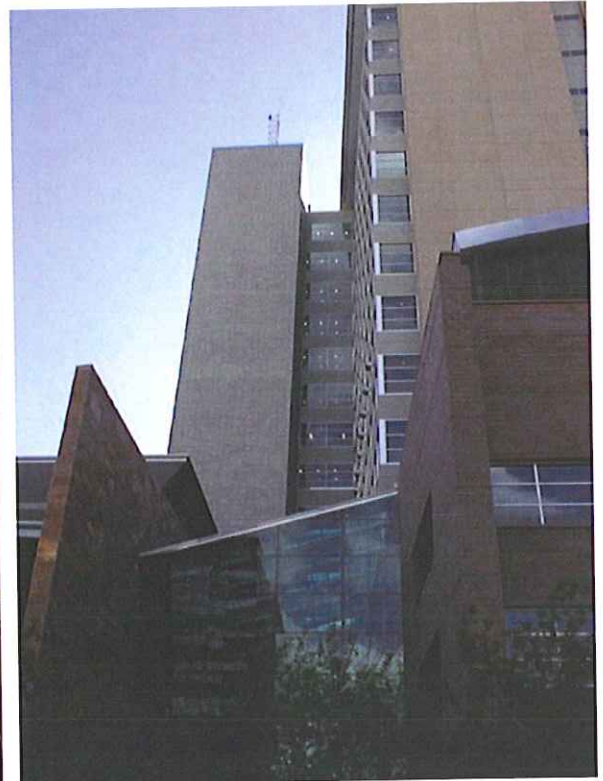
WYK completed a series of renovation projects, which began with the appointment of a Third Circuit Judge for Harrison County. A new Courtroom and Circuit Judge's Support Staff offices were created from the former County Commission offices. The Voter Registration Office was relocated to space previously used by the County Health Department.

New offices and meeting room for the County Commission were then created on another floor of the building. **All Courthouse functions continued daily operation during these projects.**

From these extensive renovations evolved a multi-phase window replacement program for the entire Harrison County Courthouse.

Clark County Facilities Masterplan (Judicial Component)

Clark County, NV



Relevancy Points

- Courthouse project
- Needs assessment studies
- Evaluation studies
- Space standards + design development

Project Completion Date

2006

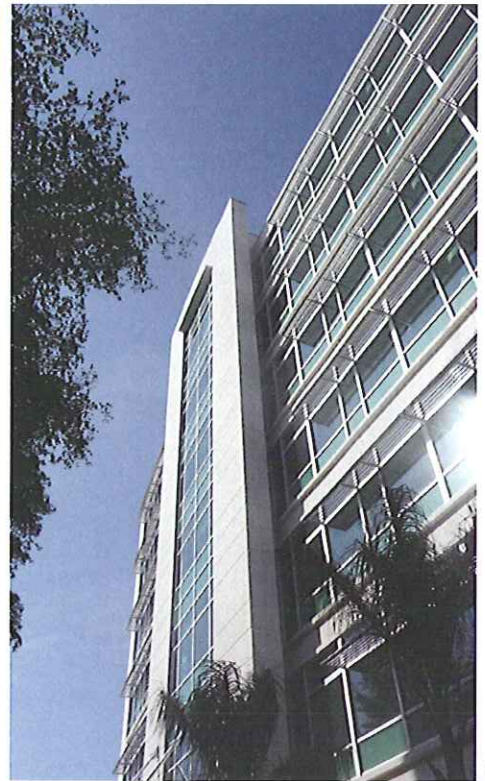
Clark County, Nevada (metropolitan Las Vegas) is one of the fastest growing urban areas in the United States. In the next 20 years, an additional 1 million population is expected, raising the total population from 1.7 million to 2.7 million. This extraordinary growth rate has produced a crisis in public facilities development. To define the challenge and recommend a comprehensive and strategic approach to its solution, Clark County secured the services of a large consulting team including specialized planning firms.

Dan L. Wiley & Associates, Inc. (DWA) was part of this team with responsibility for the entire complement of courts in the county, as well as all other judicial

system organizations, services and facilities. Over the course of one year, the firm inventoried, visited, and assessed every judicial site in Clark County for both the District Court (2) and the Justice Courts (11), prepared complete caseload projections, incorporating the impacts of newly passed legislation dramatically increasing the ratio of police officers to population, defined appropriate judicial system space standards and space allocation formulas, and developed a strategic service and facilities plan that will incrementally add nearly 1.7 million SF of space over the next 20 years in a way that improves public access and system efficiency.

Collier County Government Center Facility Evaluations and Masterplan

Naples, FL



Relevancy Points

- Courthouse project
- Needs assessment studies
- Facility evaluations
- Design development
- Masterplanning

Project Completion Date

2008 (masterplan update)

The Collier County Government Center is a 560,000-SF campus consisting of 16 county buildings, including the county courthouse, administration building, health services building, sheriff's office and jail, and other facilities. In 1997, AECOM was commissioned to prepare a comprehensive masterplan outlining the county's space and development needs for the Government Center campus through the year 2012. This study involved a thorough evaluation of the architectural, structural, mechanical, and electrical components of each existing building.

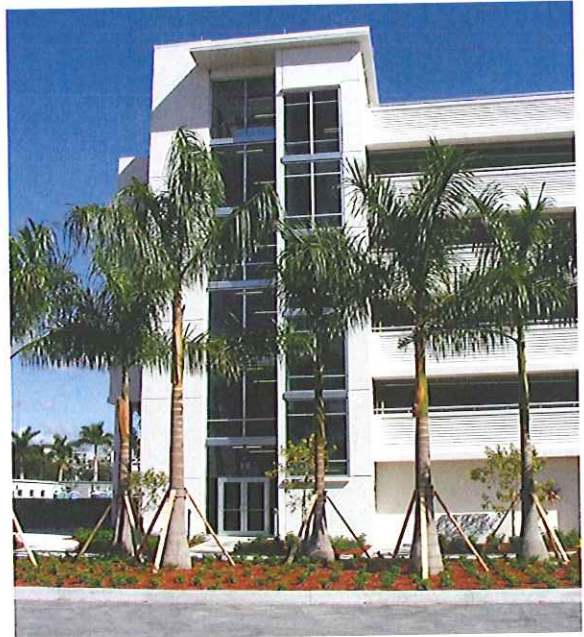
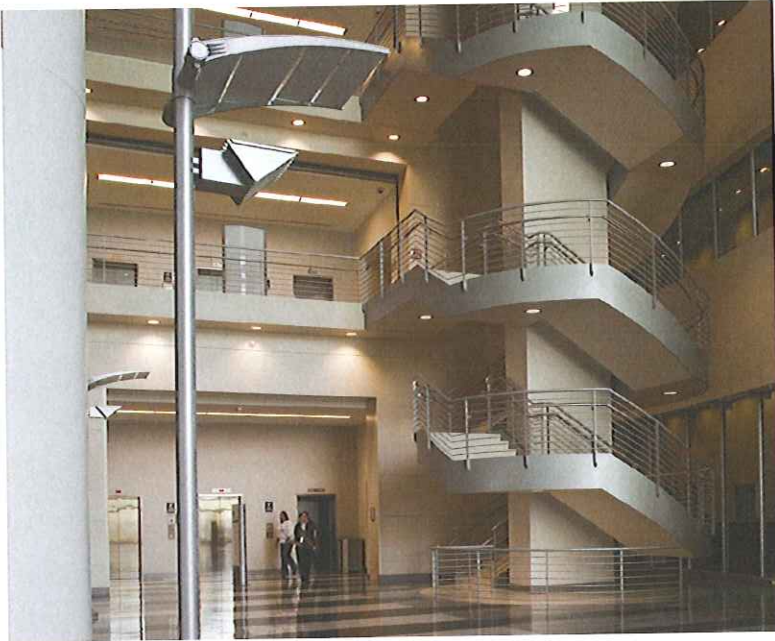
After a careful analysis, AECOM ranked each building according to current usefulness, building condition, and future potential. Staff and space needs projections were also established for each department and county agency. Using this information, the team developed a masterplan to meet projected space and building needs for the next five, 10, and 15 years. This masterplan contemplated the addition of up to 300,000 SF in phases over the next 15 years, and several structured parking garages to support the County's needs.

MASTERPLAN UPDATE

In 2008, AECOM was commissioned to prepare an update to the approved masterplan. This update addressed the existing Government Center and several off-site locations. Due to the continuing rapid growth of the county population, the masterplan update recommends that the main Government Center campus house all the justice system components, including the courts, clerk, sheriff, State Attorney, and Public Defender; all the constitutional officers, including tax collector, property appraiser, and the supervisor of elections; and the general government functions, including the Board of County Commissioners, the County Attorney, and administrative services.

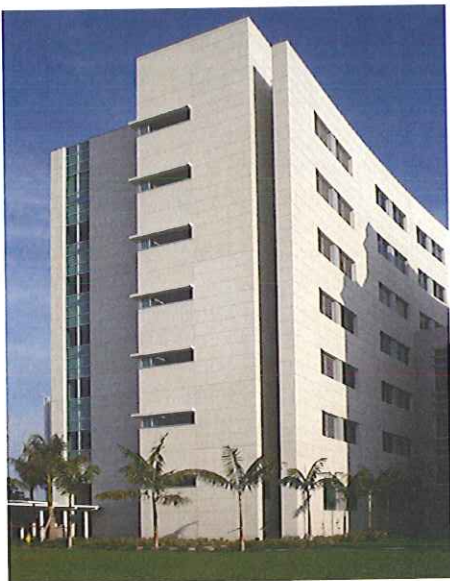
COURTHOUSE DESIGN

After completing the comprehensive masterplan, AECOM was commissioned to provide design services for a significant expansion to the courthouse, a major parking garage, and renovations to the existing courthouse. The Courthouse Annex consists of a seven-story, 137,000-SF addition linked to the existing courthouse by a new four-story atrium.



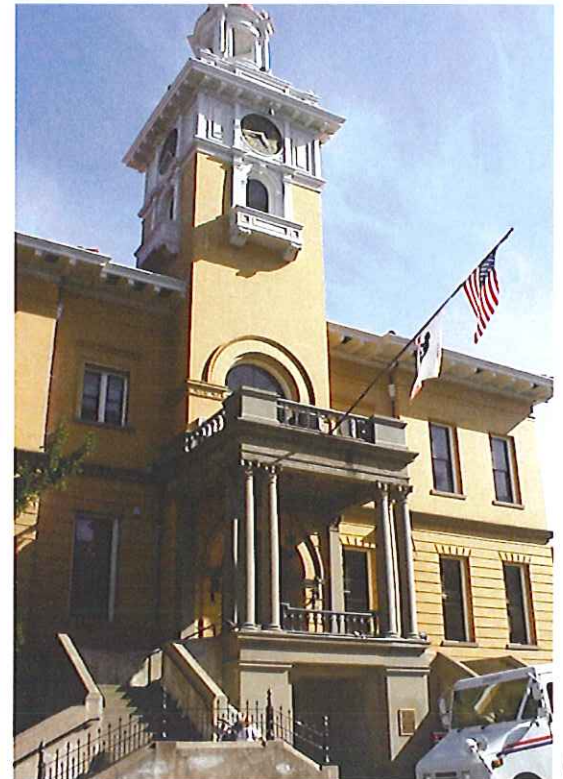
The Annex houses the offices for the Clerk of Court, State Attorney, and Public Defender. A generous four-story high atrium connects the two wings and allows for a gracious public space within the building. High volume areas, such as the traffic and Cashiering counters, are directly located off of the central atrium to facilitate access and communication.

The exterior facades of the Annex are clad in architectural pre-cast panels complemented by an aluminum and glass curtain wall, aluminum sunshades, and trim. The contemporary vocabulary of the new expansion is intended to set the tone for future construction on the large campus.



State of California Trial/Appellate Court Facility Masterplan

Statewide, California



Relevancy Points

- Courthouse project
- Needs assessment studies
- Site analysis
- Evaluation studies
 - Functional
 - Spatial
 - Physical
- Space standards + design guidelines development
- Historic structure preservation assessments

Project Completion Date

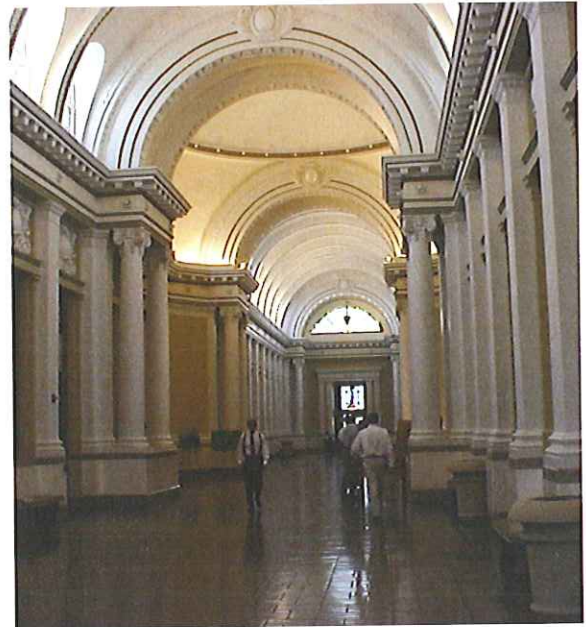
2001

AECOM, in association, was the team leader for a **comprehensive assessment of the California court facilities**. The study was a result of The Lockyer-Isenberg Trial Court Funding Act of 1997, stipulating that the State of California's Court System finance its operations entirely, ending a dual structure of county and state funding. The process required the establishment of the Task Force on Court Facilities that worked closely with AECOM during the 3-1/2 year planning process. This unique partnership between the task force, the staff of the Administrative Office of the Courts (California) and AECOM helped to spearhead a number of critical issues and decisions during the entire process.

The goals of the planning study included initiating guidelines for trial and appellate court facilities; preparing statewide uniform court space standards; preparing forecasts of future needs; completing an inventory and evaluation of the 451 existing buildings; developing planning options for each of the 58 counties; and providing recommendations regarding facility responsibility, funding, and implementation.

In addition, the Task Force evaluated the buildings and their infrastructure systems for functionality and physical condition, and then estimated improvement costs, and developed an approach for statewide capital budgeting purposes to identify the potential cost of seismic retrofitting based on building age and structure type. This functional analysis of buildings included assessing suitability for effective court operations revolving around environmental issues, including day lighting and energy conservation.

The Task Force further inventoried each facility for mediation and alternative dispute resolution accommodations. The "Trial Court Facilities Guidelines" recommend inclusion of these spaces in new projects, and provide recommendations regarding overall building security and security measures related to the holding and the moving of in-custody defendants. The Task Force established that any courtroom that required moving in-custody defendants through public areas was rated "deficient". The "Trial Court Facilities Guidelines" provide specific security endorsements developed by



a working group of the Task Force. Recommendations are in compliance with the Americans with Disabilities Act accessibility requirements.

The implementation plan consists of prioritizing facility renovation/expansion needs; providing options for funding court facility improvements; developing project cost estimates for each facility;

and determining state, county, and/or joint ownership of statewide facilities.

Upon completion of the study, AECOM (through the Task Force) distributed its findings and recommendations to the governor, the legislature, and the public before submitting the final report in 2001.



Baltimore City Circuit Courthouse Feasibility Study

Baltimore City, MD



Relevancy Points

- Courthouse project
- Needs assessment studies
- Physical evaluation
- Conceptual planning options
- Historic structure
 - Assess historic tax credits

Project Completion Date
2011

AECOM prepared a feasibility study for the future needs of the Circuit Court system for the City of Baltimore. The circuit court currently operates from two historic structures: Mitchell Courthouse circa 1898 and East Courthouse circa 1930. Both structures lack the typical functional and security requirements found in modern court facilities, particularly separating the public, judicial staff, and in-custody defendants. In addition, operations are bifurcated between both structures, resulting in staffing inefficiencies and public confusion.

Renovations through the years have focused on infilling light wells and adding floors to double-height spaces to add more space for staff and operations. Security occurs at multiple points and internal stairs are posted inaccessible to control public movement through the facility.

FEASIBILITY STUDY UPDATE

Though considered an update to a 2002 study prepared by another team, AECOM's study focused on seeking cost saving measures for the purpose of

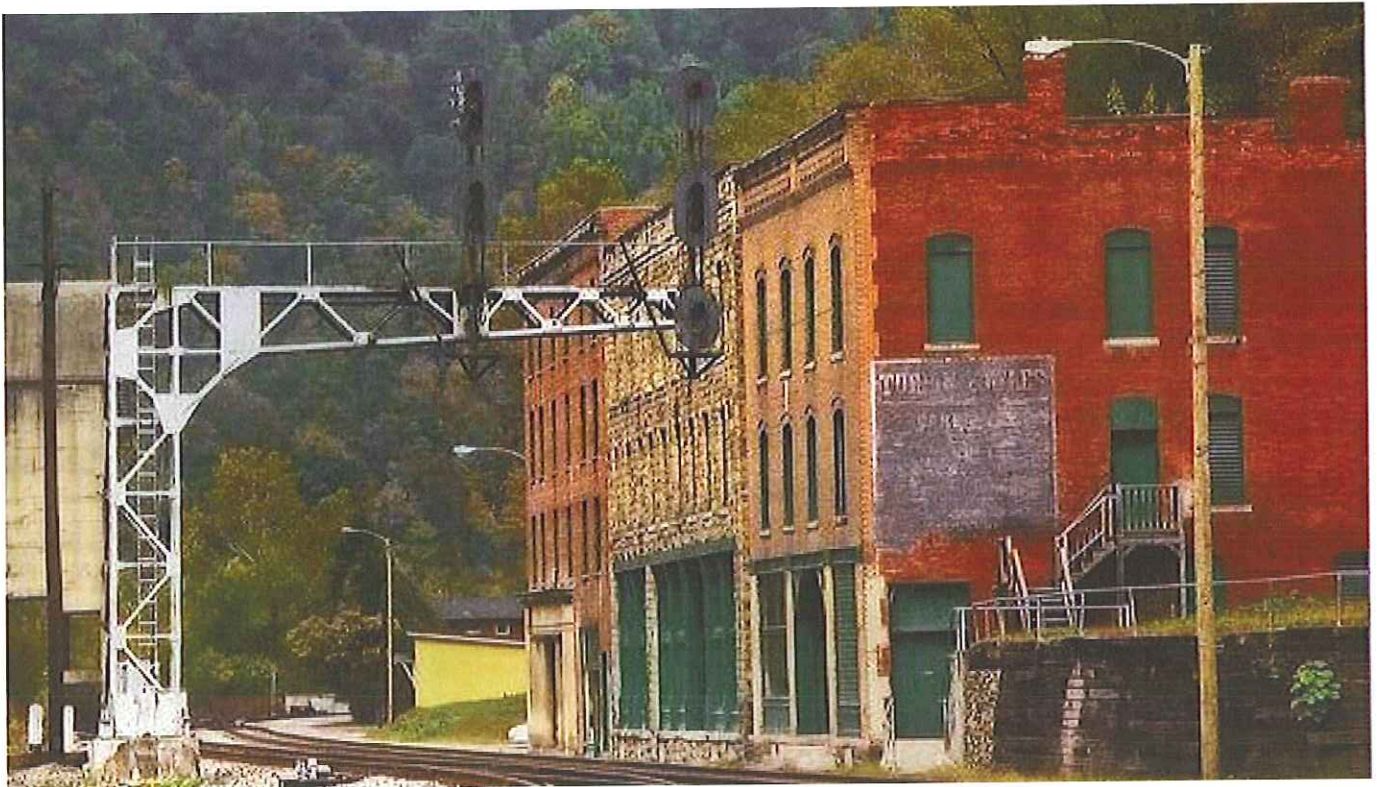
implementing the project. In addition to updating the forecast, judgeship, personnel projections, and space needs, our study also included a process improvement and visioning session to determine areas where efficiency enhancements can occur in the court system to save operational cost. Further, we held a visioning session to bring best practice ideas across the country for the circuit court to consider.

In addition to these services, AECOM assisted the client and courts in analyzing and selecting various sites for a new criminal court facility and determining options for connectivity between the two existing court structures and the new criminal courts building.

AECOM also looked at various funding options for implementing the project and determine available historic tax credits for the renovations of the existing buildings. Additionally, our team compiled the deliverables for this project.

Thurmond Commercial Row Stabilization

Thurmond, West Virginia



Relevancy Points

- Historic Structures
- Condition Assessment Studies
- Approval from West Virginia SHPO
- Stabilization Design
- Construction Documents

Project Completion Date

2002

Captain William D. Thurmond founded the town on the banks of the New River in 1873, the same year that the C&O Railroad completed the main line through the New River Gorge. A single house stood on the site in 1889, but by 1900 the town began to boom as more coal mines opened in the area.

For thirty-five years, Thurmond was inaccessible except by railroad. Yet, as the chief railroad center on the C&O Railroad serving portions of the coal fields of southern West Virginia, Thurmond handled more tonnage and produced more revenue for the railroad than Cincinnati and Richmond combined. The town had not a single street, yet boasted two banks, two hotels, and a thriving commercial block. Travelers could catch one of the twenty passenger trains that came through town each day.

With the end of World War II, Thurmond's grand days ended. With the C&O's conversion from steam to

diesel, less labor was required to dispatch and service the trains. The railroad's

shops closed and Thurmond was steadily abandoned. Many of the buildings that filled the landscape are now gone – victims of fire, decay, and salvage – and the population consists of less than 50 citizens.

The National Park Service acquired the New River Gorge, now the New River Gorge National River, in 1980 and with it the town of Thurmond. The historic depot has been rehabilitated to serve as a visitor center for the town's portion of the site.

Three buildings, the Bank of Thurmond, the Goodwin-Kincaid Building, and the Mankin-Cox Building, are all that remain of the commercial row and they were in a state of abandonment – the Goodwin-Kincaid Building stood only as a stone shell without a roof. The Bank of Thurmond and Mankin-Cox Building's interior floors were structurally unsound. Water poured into and under the foundations from the hillside to their rear.

JMA was retained by the National Park Service to assess the condition of the



▲ Goodwin-Kincaid Building before stabilization.



▲ Goodwin-Kincaid Building before stabilization.



▲ Before stabilization.

buildings and the site and to develop stabilization designs for the buildings of Commercial Row so that they could be mothballed until funds became available for restoration and reuse. The scope also called for restoration of the historic storefronts.

Work of the \$1.55 million project included brick and stone masonry restoration, restoration of window openings and the installation of ventilation louvers, structural repairs, installation of new floor and roof framing and decking in Goodwin-Kincaid, installation of new roofing on all buildings, restoration and reconstruction of the storefronts, temporary lighting, an automatic fire protection system, and construction to divert drainage from the hill behind around the rear of the buildings.

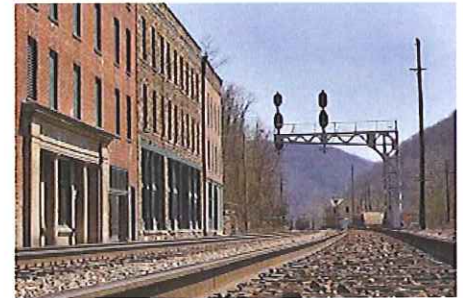
Complicating the construction were two factors. One was access to the site. All materials had to be transported in small quantities across a single lane, limited weight bridge. The other was the proximity of the very busy main line of the CSX Railroad. The railroad right-of-way begins at the exterior face of the buildings. Whenever work was going on that required workmen to be within the right-of-way flagmen had to be stationed along the tracks at some distance from the site in order to alert the work crews so they could exit the right-of-way when a train approached.



▲ Commercial Row after stabilization.



▲ After stabilization.



▲ Commercial Row after stabilization.

Jenkins Plantation Master Plan and Preservation

Green Bottom, West Virginia



Relevancy Points

- Historic Preservation
- Worked with West Virginia SHPO
- Master Plan
- Construction Documents
- Construction Administration
- House Museum

Project Completion Date

2010



▲ Albert Gallatin Jenkins
(1828-1864)

The Jenkins Plantation was established in 1825 when Captain William Jenkins, a successful shipping magnate, purchased 4395 acres of fertile floodplain along the Ohio River. By 1835, he had constructed a new house, and by 1850 the plantation was the wealthiest in the county, growing grain which was shipped from its wharf on the river. Between 80 to 100 slaves lived and worked on the plantation.

In 1859, the Captain's son, Albert Gallatin Jenkins, inherited the portion of the plantation including the house, from which he conducted his law practice. A congressman from 1856 to 1860, Albert Gallatin Jenkins resigned his seat to fight for the Confederacy. He served as a brigadier general of cavalry and became known for the disorderly and destructive conduct of the men under his command. Jenkins died from wounds received in June 1864.

The property is owned by the U.S. Army Corps of Engineers and is operated as a house museum by the West Virginia Division of Culture and History. The Museum was recently added to the Civil War Discovery Trail, which links more than 500 sites in 28 states to inspire and to teach the story of the Civil War and its enduring impact on the country.

A master plan was prepared by JMA beginning in the spring of 2004. The JMA staff worked in association with the West Virginia Division of Culture and History (SHPO), the West Virginia Division of Natural Resources, the U.S. Army Corps of Engineers, and the Greenbottom Society. The master plan featured a visitor center and museum along with restored outbuildings around the historic house.

Following acceptance of the master plan JMA was retained by the Corps of Engineers to develop construction documents and to provide construction administration for the multi-phased project for the preservation of the 2-story brick Greek Revival house as part of a wetlands mitigation process for an upstream dam.

Preservation activities included the removal of a non-historic addition at the end of the house, the removal of roof dormers that had been added at a later date, replacement of the roof and non-historic window sashes, exterior doors and hardware replacement, removal of white paint from the exterior brick which had not originally been painted, and a variety of masonry and wood repairs.



Subsequently, JMA was retained to document all preservation activities at the house including those that predated the master plan such as archeological investigations and archival research.

In addition to a technical report of findings, JMA also prepared a public history brochure that summarized the history of the property and the efforts made to preserve it.



▲ Before restoration.



▲ Before restoration.



▲ Following removal of paint.



▲ During restoration after removal of dormers.



Photograph by Michael Keller
© WW Division of Culture and History

Illinois Department of Juvenile Justice Comprehensive Master Plan

Statewide, IL



Relevancy Points

- Justice facility project
- Needs assessment studies
- Evaluation studies
- Comprehensive master plan development

Project Completion Date
2007

In moving away from the influence of an adult corrections control and discipline model, the Illinois Department of Juvenile Justice (IDJJ) required distinctive youth-centered correctional facilities that reflected its new mission:

"Understanding that youth have different needs than adults, it is the mission of the Illinois Department of Juvenile Justice to preserve public safety by reducing recidivism. Youth committed to the Department's care will receive individualized services provided by qualified staff that gives them the skills to become productive citizens."

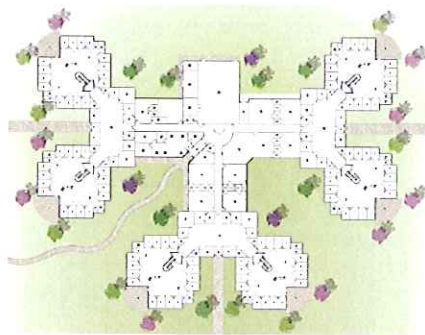
AECOM, in association, was selected to implement the IDJJ's vision by performing a statewide study of the entire juvenile justice system to create a master plan reflecting the new mission. The comprehensive study included policy review, evaluation, and planning for all eight IDJJ facilities across the state.

The master plan serves as the IDJJ's "vision of the future". This vision includes planning and design that fulfills a two-fold purpose:

- For those youth committed to IDJJ, it promotes the expansion of a continuum of community-based programs, transition centers, and adequate number of secure youth centers.
- For youth on probation, this plan advocates for the development of local interventions to reduce the future commitment of non-violent delinquent youth to state care.

AECOM's planning effort began with the desire to create an environment most appropriate to the assessed risk and needs of the youth. The new system provides a continuum of care including secure confinement, community transition centers, community programs, and aftercare.

The comprehensive master plan focuses on reducing the number of secure beds needed by providing evidence-based alternatives that provide positive results in treating youthful offenders. The plan includes the reduction of future secure bed needs by nearly 50 percent by reallocating youth to transition centers



and community-based programs based on their assessed risk and need. In doing so, potential revenues for the state are projected at over \$13 million per year by means of a federal reimbursement for placing eligible youth in transition centers and community-based programs.

Previously, most of the state's facilities were not designed for the IDJJ's new vision or even to function as youth facilities. The plan calls for new construction to mitigate the age, condition, and deferred maintenance issues of these buildings.

While the master plan focuses on a future reduction in secure capacity needs, it also addresses the needs of the youth currently living with the IDJJ system. To meet accepted constitutional standards of care, the plan outlines phases of implementation to adequately house and treat the youth currently in IDJJ's care.



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

Request for Quotation

RFQ NUMBER
CFA100611

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

RFQ COPY

TYPE NAME/ADDRESS HERE

AECOM Technical Services, Inc.
3101 Wilson Boulevard
Suite 900
Arlington, VA 22201

COURTHOUSE FACILITIES
IMPROVEMENT AUTHORITY

550 EAGAN STREET, SUITE 208
CHARLESTON, WV
25301 304-558-5000

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/19/2011				

BID OPENING DATE: 11/16/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
EXPRESSION OF INTEREST (EOI)						
THE WEST VIRGINIA PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA COURTHOUSE FACILITIES IMPROVEMENT AUTHORITY, IS SEEKING EXPRESSIONS OF INTEREST (EOI) FOR ARCHITECTURAL/ENGINEERING SERVICES TO PRODUCE A NEEDS ASSESSMENT TARGETING THE 55 COUNTY COURTHOUSE BUILDINGS PER THE ATTACHED SPECIFICATIONS.						
ALL TECHNICAL QUESTIONS MUST BE SUBMITTED IN WRITING TO FRANK WHITTAKER IN THE WV PURCHASING DIVISION VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV OR VIA FAX AT 304-558-4115. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 11/03/2011 AT 4:00 PM. ALL TECHNICAL QUESTIONS WILL BE ADDRESSED BY ADDENDUM AFTER THE DEADLINE.						
EXHIBIT 1						
LIFE OF CONTRACT: THIS CONTRACT BECOMES EFFECTIVE ON AND EXTENDS FOR A PERIOD OF ONE (1) YEAR OR UNTIL SUCH "REASONABLE TIME" THEREAFTER AS IS NECESSARY TO OBTAIN A NEW CONTRACT OR RENEW THE ORIGINAL CONTRACT. THE "REASONABLE TIME" PERIOD SHALL NOT EXCEED TWELVE (12) MONTHS. DURING THIS "REASONABLE TIME" THE VENDOR MAY TERMINATE THIS CONTRACT FOR ANY REASON UPON GIVING THE DIRECTOR OF PURCHASING 30 DAYS WRITTEN NOTICE.						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Asyl E. Webb</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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Charleston, WV 25305-0130

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PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER
304-558-2316

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TYPE NAME/ADDRESS HERE
AECOM Technical Services, Inc.
3101 Wilson Boulevard
Suite 900
Arlington, VA 22201

COURTHOUSE FACILITIES
IMPROVEMENT AUTHORITY
550 EAGAN STREET, SUITE 208
CHARLESTON, WV
25301 304-558-5000

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BID OPENING DATE: 11/16/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>UNLESS SPECIFIC PROVISIONS ARE STIPULATED ELSEWHERE IN THIS CONTRACT DOCUMENT BY THE STATE OF WEST VIRGINIA, ITS AGENCIES, OR POLITICAL SUBDIVISIONS, THE TERMS, CONDITIONS AND PRICING SET FORTH HEREIN ARE FIRM FOR THE LIFE OF THE CONTRACT.</p> <p>RENEWAL: THIS CONTRACT MAY BE RENEWED UPON THE MUTUAL WRITTEN CONSENT OF THE SPENDING UNIT AND VENDOR, SUBMITTED TO THE DIRECTOR OF PURCHASING THIRTY (30) DAYS PRIOR TO THE EXPIRATION DATE. SUCH RENEWAL SHALL BE IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE ORIGINAL CONTRACT AND SHALL BE LIMITED TO TWO (2) SUCCESSIVE ONE (1) YEAR PERIODS.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE COMMODITIES AND/OR SERVICE SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HEREIN.</p> <p>OPEN MARKET CLAUSE: THE DIRECTOR OF PURCHASING MAY AUTHORIZE A SPENDING UNIT TO PURCHASE ON THE OPEN MARKET, WITHOUT THE FILING OF A REQUISITION OR COST ESTIMATE, ITEMS SPECIFIED ON THIS CONTRACT FOR IMMEDIATE DELIVERY IN EMERGENCIES DUE TO UNFORESEEN CAUSES (INCLUDING BUT NOT LIMITED TO DELAYS IN TRANSPORTATION OR AN UNANTICIPATED INCREASE IN THE VOLUME OF WORK).</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER</p> <p>NOTICE</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph E. Ault</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
FRANK WHITTAKER 304-558-2316

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3101 Wilson Boulevard
Suite 900
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10/19/2011				

BID OPENING DATE: 11/16/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130						
THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID						
BUYER: 44						
RFQ. NO.: CFA100611						
BID OPENING DATE: 11/16/2011						
BID OPENING TIME: 1:30 PM						
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: (703) 682-4901						
CONTACT PERSON (PLEASE PRINT CLEARLY): Joseph E. Wells, AIA, Senior Vice President						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph E. Wells</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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4

ADDRESS CORRESPONDENCE TO ATTENTION OF:
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304-558-2316

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3101 Wilson Boulevard
Suite 900
Arlington, VA 22201

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25301 304-558-5000

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/19/2011				

BID OPENING DATE:	11/16/2011	BID OPENING TIME	01:30PM
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LINE	QUANTITY	UOP	CAT. NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ CFA100611 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Appl E. Webb</i>		TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE	

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



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1

ADDRESS CORRESPONDENCE TO ATTENTION OF
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VENDOR
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AECOM Technical Services, Inc.
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Suite 900
Arlington, VA 22201

SHIP TO
COURTHOUSE FACILITIES
IMPROVEMENT AUTHORITY
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25301 304-558-5000

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/27/2011				

BID OPENING DATE: 11/16/2011 BID OPENING TIME 01:30PM

BID OPENING DATE:		11/18/2011		BID OPENING TIME		10:00 AM	
LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT	
	*****	*****		ADDENDUM NO. 1	*****		
	THIS ADDENDUM IS ISSUED TO CORRECT THE INFORMATION PROVIDED IN SECTION 1.16 SCHEDULE OF EVENTS. SECTION 1.16 IS CHANGED AS FOLLOWS:						
	1.16 SCHEDULE OF EVENTS:						
	RELEASE OR EOI:			OCTOBER 18, 2011			
	FIRMS WRITTEN QUESTIONS DEADLINE:			NOVEMBER 03, 2011			
	ADDENDUM ISSUED:			TBD			
	EXPRESSION OF INTEREST OPENING DATE:			NOVEMBER 16, 2011			
	ESTIMATED DATE FOR INTERVIEWS: 2 WEEKS AFTER OPENING BID OPENING DATE.						

	*****			END ADDENDUM NO. 1	*****		

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Carol E. Webb</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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11/14/2011				

BID OPENING DATE: 11/21/2011 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 2 *****						
THIS ADDENDUM IS ISSUED TO:						
1) PROVIDE THE ATTACHED TECHNICAL QUESTIONS & ANSWERS.						
2) EXTEND THE BID OPENING DATE AND TIME.						
BID OPENING CHANGED TO 11/21/2011 AT 1:30 PM.						
***** END ADDENDUM NO. 2 *****						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>Joseph E. Wells</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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



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Suite 900
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CHARLESTON, WV
25301 304-558-5000

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
11/14/2011				

BID OPENING DATE:

11/21/2011

BID OPENING TIME

01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		906-00-00-001		
ARCHITECT/ENGINEERING SERVICES, PROFESSIONAL						
***** THIS IS THE END OF RFQ CFA100611 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>[Signature]</i>	TELEPHONE (703) 399-3988	DATE November 16, 2011
TITLE Senior Vice President	FEIN SSN: 95-2661922	ADDRESS CHANGES TO BE NOTED ABOVE

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

RFQ No. CFA100611STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT**

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

DEFINITIONS:

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

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions. "Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities. "Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

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

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

WITNESS THE FOLLOWING SIGNATUREVendor's Name: AECOM Technical Services, Inc.Authorized Signature: *David E. Webb* Date: 11/14/2011State of VirginiaCounty of Arlington, to-wit:Taken, subscribed, and sworn to before me this 14 day of November, 2011.My Commission expires March 31, 2014.

AFFIX SEAL HERE

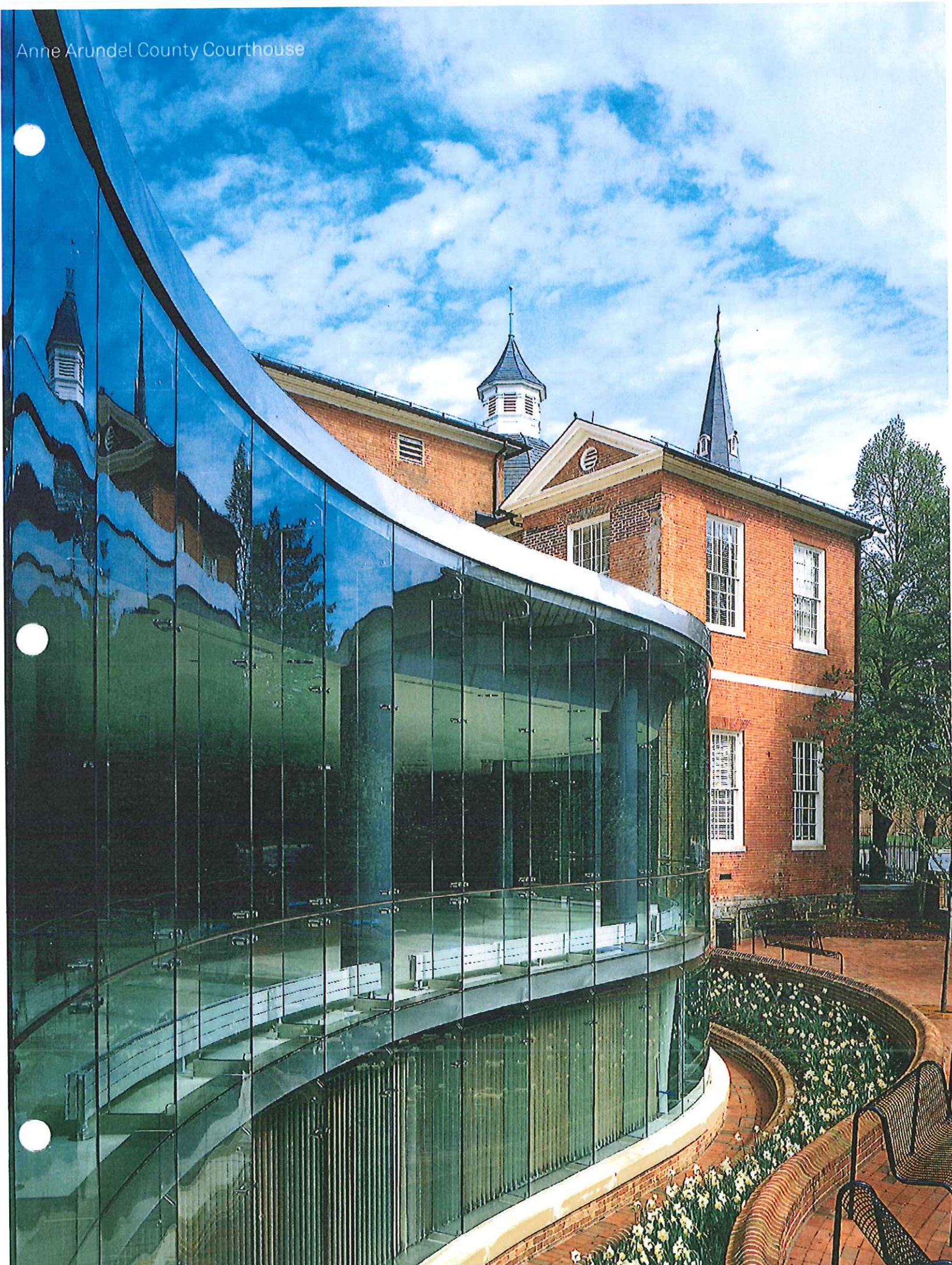
NOTARY PUBLIC

J. Mont / Jessicca Montgomery

Lynchburg Juvenile and Domestic
Relations Courthouse



Anne Arundel County Courthouse

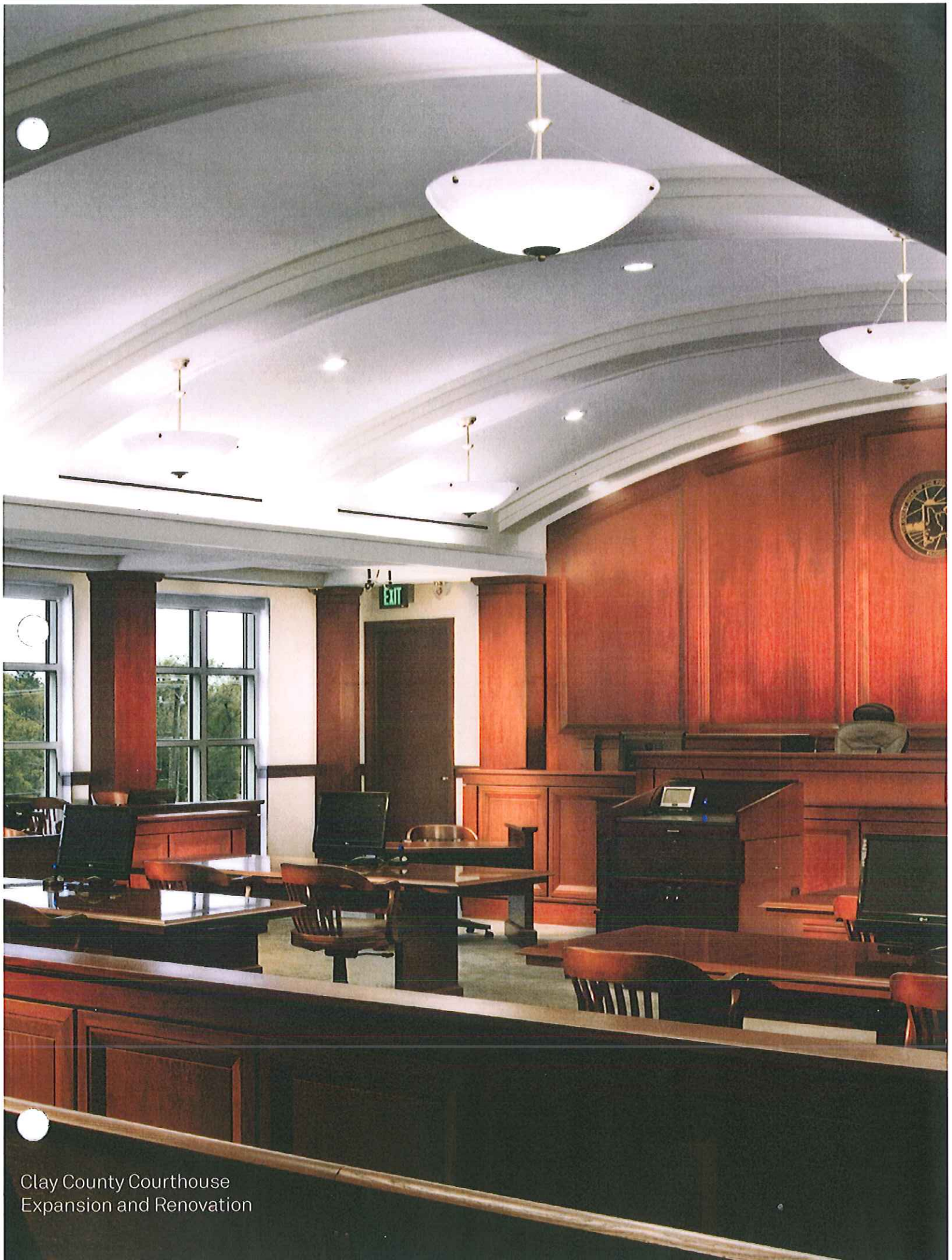


Boublitz District Courthouse





Berkeley County Judicial Center



Clay County Courthouse
Expansion and Renovation

