



Expression of Interest

WV Capitol Campus Monument Restoration

June 14, 2016

Prepared for The State of West Virginia

Solicitation No: CEOI GS&1600000008

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June 14, 2016

Linda Harper
The State of West Virginia
Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130

Re: Expression of Interest for the WV Capitol Campus Monument Restoration

Dear Ms. Harper,

Thank you for the opportunity to submit on this expression of interest for the West Virginia Capitol Campus Monument Restoration. Having worked on your State Capitol Master Plan, the Gilded Copper Dome Assessment, and focused renovation projects in the Capitol and on the grounds; we are excited by the opportunity for our team members to continue our involvement with your campus.

Beyer Blinder Belle Architects & Planner LLP (BBB) and Conservation Solutions, Inc. (CSI) are excited to have the opportunity to continue working as a team for you. Our companies and the specific individuals proposed for this team have worked closely on many monuments as standalone projects as well as in combination with landscape and building renovations.

BBB has been entrusted with the preservation of many of America's iconic monuments, structures, and landscapes. The scale and location of these projects is only important to our team as it informs the technical approach and restoration process. We are dedicated to projects of all sizes and durations at locations around the world. We pride ourselves on our commitment to being stewards of historic properties, sites and monuments. Equally important to our past experience is the acknowledgement that each new project has its own challenges and opportunities, and that each client has a particular mission, program, budget, and priorities. These particularities are what make each project different and exciting to us. The parameters of existing conditions do not hinder our creativity; rather, they inspire us to do more with what we are given.

CSI is a leading international historic preservation firm focusing on restoration and conservation of significant examples of art, artifacts, and architecture. The firm's comprehensive range of services includes: surveys and condition assessments, testing, analysis, preparation of specifications and contract documents, quality control, oversight and treatment implementation. CSI has provided services to a wide range of public and private sector clients in North America and abroad. During the first 15 years in business they have successfully completed over 1,000 projects and have served clients as diverse as: NASA, The Metropolitan Museum of Art, National Park Service, General Services Administration, Architect of the Capitol, the Smithsonian Institute, Public Works and Government Services Canada, and many others. CSI Senior Conservators are Fellows or Professional Associates of the American Institute for Conservation (AIC) and offer a combined 100+ years of experience in the field of historic conservation.



CSI has a long history of working with BBB on relevant projects. ICA is currently working with BBB on the high profile restoration of the Washington DC Old Post Office for the restoration of the Lincoln Statue. ICA is also supporting BBB on the new US Department of State Diplomacy Center, wherein CSI assessed and prepared protection and treatment recommendations for the Berlin Wall Memorial. CSI also worked for BBB on the Historic DC Courthouse restoration and addition project where we they assessed and prepared stabilization, protection and treatment recommendations and specifications for all of the statuary at the site.

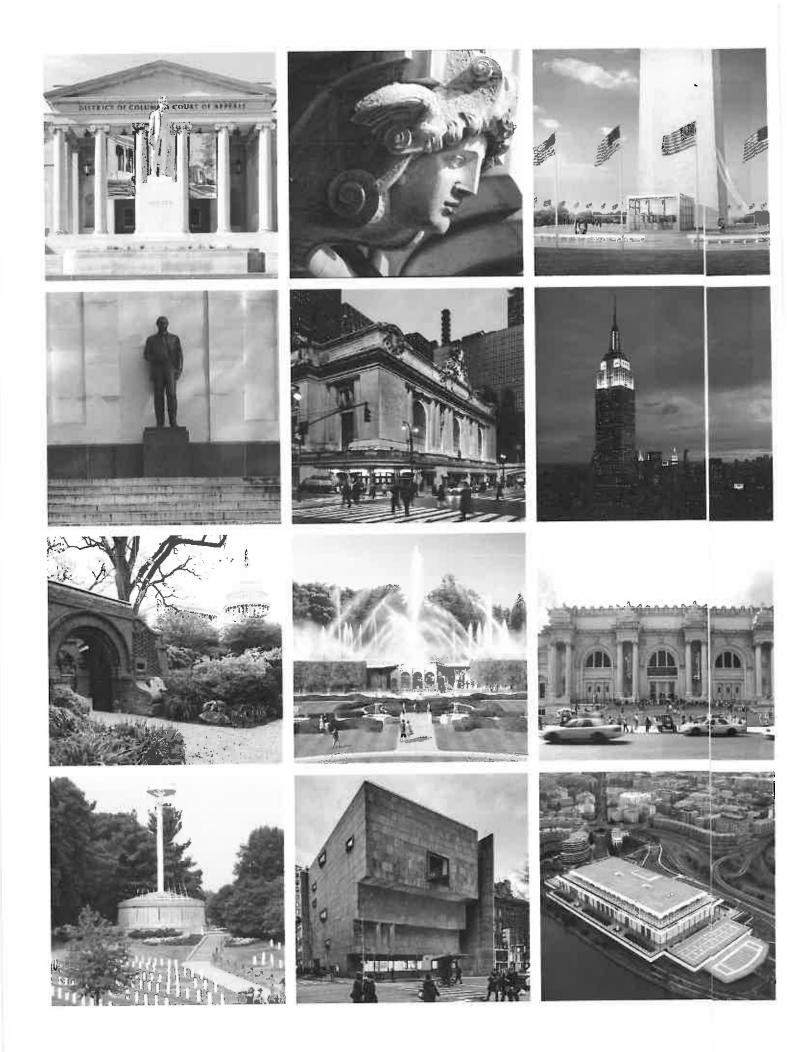
We are aware of some of the issues related to the Statues, Memorials, and Public Art that may be considered from our work with you on the State Capitol Master Plan as well as the Capitol Building Commission document, "Guidelines for the Placement of Art, Monuments, Memorials, Objects, Memorial Planters and Plantings at the West Virginia State Capitol," November 7, 1990.

We will certainly review any and all existing materials as a starting point knowing that the issues have been under consideration for some time and we are to provide direction and technical information relative to meeting the different needs for each of the 14 monuments included in this solicitation. We are looking forward to achieving all 5 Goal Objectives at the schedule and scope determined with the West Virginia Department of General Services to survey and document the conditions for communication to the required constituencies, provide technical bidding documents for the restoration with concise and accurate estimates, and ensure that the solutions are maintainable and sustainable solutions for the facilities team.

We look forward to working with you on this important and exciting project.

Sincerely,

Hany Hassan, FAIA Partner-In-Charge





Beyer Blinder Belle (BBB)

Role: Project Management, Architecture, Historic Preservation

BBB was founded in 1968, in the wake of the urban renewal movement in the United States, when the social fabric of cities, communities, and buildings was compromised by the prevailing attitudes about planning and architecture. We pioneered and defined a different approach to the design of the built environment that focused on architecture empowering people - their interaction with each other on streets and in neighborhoods, their pleasure in moving through the city, and their connection to their physical surroundings.

This mission has guided the firm for more than four decades and has shaped a broad and award-winning practice — now 195 professionals in New York City and Washington, DC - providing comprehensive services, including programming, architecture, historic preservation and adaptive reuse, interiors, campus planning, urban design, and graphic design throughout a project's evolution. Many of our projects involve the stewardship of historic buildings in sensitive urban sites — the work for which we have become best recognized. Our deep sense of identity and evolving perspectives on design have guided our practice in new construction as well as master planning and urban design.

Our areas of specialization include: Historic Preservation, Civic, Cultural, Commercial, Education, Interiors, Planning & Urban Design and Residential.

Historic DC Courthouse, Washington, DC Ellis Island, NY Washington Monument Visitor Center, Washington, DC Robert A. Taft Memorial, Washington DC Grand Central Terminal, New York, NY Empire State Building, New York, NY National Park Service Summerhouse, Washington, DC Longwood Gardens, Kennett Square, PA The Metropolitan Museum of Art, New York, NY U.S. Mast of Maine, Arlington Cemetery, VA The Met Bruer, New York, NY John F. Kennedy Center for the Performing Arts Washington, DC

Left to right, top to bottom

Historic Rehabilitation and Preservation

BBB has been entrusted with the preservation of many of America's iconic structures, including Grand Central Terminal, Ellis Island Immigration Museum, Empire State Building, Historic DC Courthouse, US Diplomacy Center, Old Post Office, and Washington Monument, and many others. In addition to these landmarks, we have also led historic preservation and renovation of lesser known properties, buildings with historically sensitive interiors or within historic districts. The firm has developed a diverse portfolio of restored historic structures and buildings and creative contemporary additions.

We pride ourselves on our commitment to being stewards of historic properties, sites, and landscapes. Many of these projects began with a comprehensive preservation plan, including Grand Central Terminal and Hoboken Ferry Terminal, at which BBB Excels. Equally important to our past experience is the acknowledgement that each new project has its own challenges and opportunities, and that each client has a particular mission, program, budget, and priorities. These particularities are what make each project different and exciting to us. The parameters of existing conditions do not hinder our creativity; rather, they inspire us to do more with what we are given.

Expertise with Restoring Historic Structures, Sites, Monuments, and Landscapes

When considering interventions to monumental, historic landmarks, it is crucial that the design proceed methodically, collecting essential data not only on the project's objectives, but also on the existing use, configuration, and character-defining features. Therefore, most of our projects begin with documentation and recording of original and existing conditions, including the assemblage of archival material, and testing and probing. This preliminary research forms the basis for evaluating changes in use and condition over time, and identifying the extent of work to be undertaken to reverse structural deterioration, preserve historic elements, and restore missing or decayed aspects of the original design. Assessment and recommendations are also made in regard to code compliance requirements and other life safety issues, considerations which often are not part of the original design. The intention is to fully comply with the pertinent regulations while unobtrusively incorporating these requirements in the restoration or re-use design.

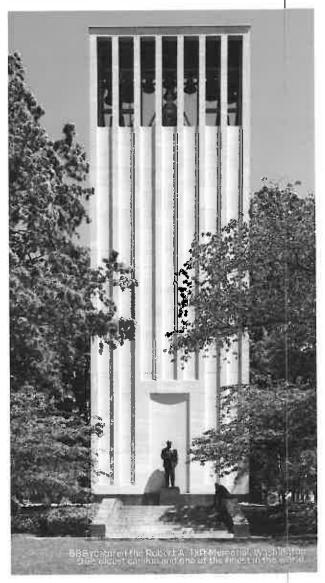
Government Experience

The BBB team is committed to public and civic projects. We approach these projects with the intent not only to develop design, but also to develop long term relationships with government agencies at the state, local, and federal levels. We view our public sector work as an integral part

of our mission to create design that balances existing resources and tradition with innovation, while addressing the client's needs. Our extensive work with government agencies, including the State of West Virginia, the State of Maryland, District of Columbia Government, National Park Service, US General Services Administration, and the Architect of the Capitol, has familiarized us with many unique operational, policy, schedule and mission-critical parameters.

Awards

Our work has been recognized with hundreds of awards, including the American Institute of Architects Firm Award, the highest honor given annually to a practicing firm. We have also received three Presidential Design Awards; two TIME Magazine Design of the Year Awards; and many national and local awards for design excellence, including the Preservation League of New York's most prestigious commendation, the Pillar Award.



SOLUTIONS inc

CONSERVATION Conservation Solutions, Inc.

Role: Conservator

CSI is a leading international historic preservation firm focusing on restoration and conservation of significant examples of art, artifacts, and architecture. The firm's comprehensive range of services includes: surveys and condition assessments, testing, analysis, preparation of specifications and contract documents, quality control, oversight and treatment implementation.

CSI has provided services to a wide range of public and private sector clients in North America and abroad. During the first 15 years in business they have successfully completed over 1,000 projects and have served clients as diverse as: NASA, The Metropolitan Museum of Art. National Park Service, General Services Administration, Architect of the Capitol, the Smithsonian Institute, Public Works and Government Services Canada, and many others.

CSI Senior Conservators are Fellows or Professional Associates of the American Institute for Conservation (AIC) and offer a combined 100+ years of experience in the field of historic conservation.

Sculpture & Monument Conservation

Sculpture conservation almost always faces remediating environmental effects, such as exposure to weather and pollution, on both traditional and modern materials. Stone crumbles, metals corrode, wood rots, and paint peels or fades. While conservators have a wide choice of conservation treatment options for stabilizing and restoring outdoor sculpture, protection and prevention of future damage remains the main challenge. Ongoing maintenance is usually necessary when is comes to the conservation of outdoor monuments, statuary and sculpture.

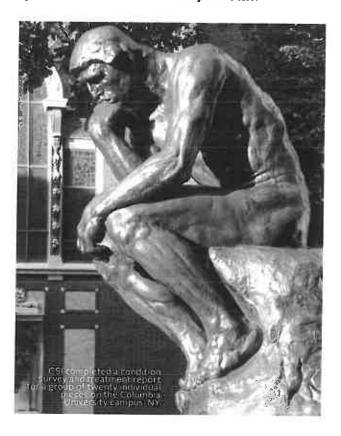


Project Prioritization Expertise

CSI has assessed and treated hundreds of monuments and outdoor sculptures throughout North America over a period of more than 3 decades. The firm has extensive knowledge about the materials and fabrication methods of these monuments that infuses CSI's understanding of their preservation needs. As a result, CSI can forecast likely treatment requirements, when they will be needed, and to prioritize the treatments to align with budgetary planning. CSI has done this for the State of Minnesota, the cities of Asheville, NC, Miami Beach, FL, Alexandria, VA and the New York City Department of Parks. CSI has also performed similar surveys for private collections with extensive outdoor sculpture holding including Columbia University, Biltmore Estate, Vizcaya Museum & Gardens, Kykuit (a National Trust property) and others.

Experience with BBB

CSI has a long history of working with BBB on relevant projects. ICA is currently working with BBB on the high profile restoration of the Washington DC Old Post Office. ICA is also supporting BBB on the new US Department of Sate Diplomacy Center, wherein CSI assessed and prepared protection and treatment recommendations for the Berlin Wall Memorial. CSI also worked for BBB on the Historic DC Courthouse restoration and addition project where we they assessed and prepared stabilization, protection and treatment recommendations and specifications for all of the statuary at the site.





Staffing & Management

Beyer Blinder Belle (BBB) and our prime consultant Conservation Solutions, Inc. (CSI) begin each project with a staffing plan to ensure continuity and consistency of staff to workload regularly. The team we are proposing is the team that will be dedicated to the completion of these projects. The current staffing projection in our companies indicates availability of staff in the months ahead. We anticipate, as always, that our current workload will change to some degree, and that we will achieve new commissions during this time period. However, we are committed to the needs of the WV General Services Division, assuring the prompt delivery of work products and sufficient involvement from key staff members throughout the duration of the contract.

Organizational Structure

As the prime consultant for design and project management, it is BBB's responsibility to communicate functional and aesthetic goals consistently throughout the project and adjust for correction during the duration of the contract and to respond to any changes. The management plan we develop with you at the start of the project and maintain during the progression provides a clear roadmap to ensure consistent coordination across the multi-disciplined design team, to maintain the fast-track project schedule, and most importantly, to implement directives from the client and end-users. The BBB Team Structure is shown on the organizational chart on the opposite page and detailed resumes for each team member are provided in Section 4. Staff Qualifications.

Management

Our management approach is based on an integrated project delivery and is structured to ensure that the comprehensive team will provide the highest level of design excellence and technical expertise for the successful execution of each stand. We understand that a successful management plan involves appropriate leadership, clear lines of communication, frequent and detailed communication and scheduling protocols, involving our client in every stage of the process, and implementing project management tools to ensure the project objectives and schedule are clear to everyone. We offer a Management Plan structured to ensure clear methodology for decision making, effective personnel/resource management, and a streamlined team approach. BBB is the prime and the managing firm of our proposed team. All work, inclusive of any portion performed by our consultants will be delivered in strict accordance with our management plan. For each of the fourteen (14) monuments, the team will develop a clear work program with clear goals, needs we may have of the WV General Services Division or the Capitol Complex, and a clear list of deliverables.

Integrated Approach to Project Development & Delivery

Good communication and collaboration are essential, but this approach must be established and managed at the beginning of the project where the most value can be created. The close collaboration within the BBB team and with WV General Services Division project management will convey transparently the project objectives and eliminate wasted time, increasing productivity and maintaining the no-fail project schedule and budget. These plans will also include the communications needed to your constituents and the media if needed. This ensures that you have the appropriately vetted content and images to meet deadlines and garner continued support and funding.

West Virginia General Services Division

PRINCIPAL
Hany Hassan

Beyer Blinder Belle PROJECT MANAGER
Gretchen Pfaehler
AIA

PROJECT ARCHITECT

Jennie Gwin

Conservation Solutions, Inc.

CONSERVATOR
Mark Rabinowitz









STAFF QUALIFICATIONS



Hany Hassan Principal-In-Charge

Director of BBB's Washington, DC office, Hany Hassan's career spans more than 30 years. His design and technical knowledge extends to planning, urban design, and architectural design for new construction, renovation and additions for major governmental, commercial, corporate and institutional clients. Hany's projects have been awarded numerous honors nationally and internationally including the Traveling Award for Design Excellence for the Smithsonian Mall-Wide Perimeter Security Master Plan. AIA Justice Facilities Review Certificate of Merit for the Old District of Columbia Courthouse and two GSA Design Excellence Programs including the Historic DC Courthouse and the US Diplomacy Center. Most recently, Mr. Hassan's design of an urban design project envisioning Washington DC in 100 years was awarded first place by the History Channel in the City of the Future Competition.

Education

BArch, Cairo University, Cairo, Egypt

Registration

Registered Architect in West Virginia, Virginia, Washington DC, Maryland, Delaware, New York, New Jersey, and North Carolina.

NCARB Certified and Member of the American Institute of Architects

USS Maine Memorial Restoration, Arlington Cemetery, VA

Principal. The scope of the project was to conduct investigations and testing to evaluate and assess the existing conditions of the USS Maine Memorial in Arlington National Cemetery. BBB completed existing conditions drawings, drawings and specifications for hazardous material remediation and abatem ent. and the evaluation of interior structural reinforcement requirements and options associated with removal of the granite roofing panels. Work included a conditions assessment of the main mast and shrouds, including a material and structural analysis, determination of the sources of water infiltration into the interior of the Memorial and recommended treatments to prevent future water infiltration and halt further deterioration. Investigations and a site survey were completed to determine work recommendations for the conservation and restoration.

Historic DC Courthouse, Washington, DC

Design Partner for the Modernization of an existing historic building and the design of a new addition as part of the General Services Administration's Design Excellence Program. The concept phase included an assessment of the existing historic interior and exterior that identified historic components to be featured in the restoration. As an important feature of the historic complex the team developed an approach to temporarily relocate the Abraham Lincoln statue from its current position during construction so that the extensive site work could be completed and the statue could be restored and then placed in its historic position on the site. The project looked to have the statue restored and place(1 in its historic location as a contributing feature to the site.

National Trust for Historic Preservation, Headquarters Building, Washington, DC

Partner-in-Charge for an existing conditions and facilities assessment report for the headquarters building of the National Trust for Historic Preservation. BBB created a ten-year work plan for facility improvements with a focus on preserving the exterior envelope, improving building systems, correcting non-compliant circulation/accessibility and repair issues, and making recommendations for renovations. One of the client's primary goals is to incorporate innovative energy conservation opportunities into the recommended improvements so that the building symbolizes the Trust's mission and serves as a model for sustainability in preservation

Carter G. Woodson House, Washington, DC

Partner-in-Charge. The first task under a NPS contract was an Historic Structures Report for the Carter G. Woodson National Historic Site. This three-story Victorian Row House served as the home of Dr. Carter G. Woodson and as the center for the Association for the Study of Negro Life and History. Other services include design, preservation and planning services and HABS survey work.

Mary McLeod Bethune Council House, Washington, DC

Partner-in-Charge. BBB propduced a Historic Structures Report to document this 1875 row house. This National Historic Site is significant as the residence of Mary McLeod Bethune, a renowned educator, national political leader, President of the National Association of Colored Women's Clubs, and founder of the National Council of Negro Women. The HSR identified issues with the existing building fabric and systems and made recommendations for modernizing the facility in a way that allows an ongoing ability to receive visitors and researchers.

Hany Hassan FAIA Principal-In-Charge

Baltimore Basilica, Baltimore, MD

Design Partner for a comprehensive historic survey, facilities assessment and long-range, phased facilities master plan for the oldest Roman Catholic cathedral in the United States, designed by Benjamin Henry Latrobe. The Master Plan helped the Basilica's Trustees to achieve their restoration goals for this important landmark building, and in doing so, positively impacted the Parish, the historic Mount Vernon neighborhood, and the city of Baltimore at large.

Cardinal's Residence, Baltimore, MD

Design Partner for the design of a complete renovation for the Cardinal's Residence, located adjacent to the historic Baltimore Basilica on North Charles Street. The plan for exterior work was to return the structure to its historic appearance, rather than mimicking the Basilica's exterior stonework. The design for the interior renovation included the introduction of a new stair connection, a new elevator to serve the basement through third floors, a new mechanical room, ADA compliance, and the underpinning of existing basement walls.

John Shaw House, Maryland Department of General Services Term Contract, Annapolis, MD

Text Partner-in-Charge for the preservation and rehabilitation of historic properties for the Maryland Department of General Services on an as needed basis. The first task order assigned to BBB has been to prepare construction documents for the exterior restoration and existing conditions documentation of the John Shaw House, a 10,600SF facility built in 1720.

Old Post Office, Washington, DC

Partner-in-Charge for the design of the historic Old Post Office Building renovation in Washington DC from an office building into a luxury hotel and Ballroom. BBB is the Design Architect working in collaboration with the developer and the General Services Administration to transform this National Historic Landmark for new use while preserving its grandeur and significance. BBB is responsible for the regulatory design approvals with Section 106 of the National Historic Preservation Act, NCPC, CFA, DCSHPO, and ACHP for all aspects of the design.

Sully Historic Site, Chantilly, VA

Principal. BBB provided programming and design services for the future of the Sully Plantation site in Fairfax, Virginia. The site includes a main house that was completed in 1794 and served as the country residence for Richard B. Lee and Elizabeth C. Lee, Richard Lee was Northern Virginia's first Representative to Congress and uncle to General Robert E. Lee. The house combines aspects of Georgian and Federal architecture, and sits on what once was a 3,111-acre tract between Cub and Flatlick Runs. Listed on the National Register for Historic Places, Sully Plantation is maintained by the Division of Historic Preservation, and the Fairfax County Park Authority, and is accredited by the American Association of Museums.



Gretchen Pfaehler Project Manager

Gretchen Pfaehler has over two decades of experience in the preservation, restoration, and renovation of historic buildings and landscapes across the United States. She is knowledgeable on the issues of preservation project delivery methods, technical building documentation and assessments, building material treatments, preservation laws, review processes and regulations applied to historic preservation projects. She is experienced with review, approvals and documentation with many federal state regulatory and review commissions. Gretchen's experience with existing buildings provides a solid understanding of the requirements for determination of significant building elements and developing design solutions integrating new uses that maintain the historic character of the building. Her professional qualifications greatly exceed the minimum requirements of the Secretary of the Interior Standards and Guidelines' **Professional Qualifications Standards** for Architecture and Historic Architecture.

BS, Architecture, University of Wisconsin-Milwaukee

Registration

Registered Architect in Wisconsin

Architect of the Capitol, Indefinite Quantities Contracts, Washington DC

Project Manager and Preservation Architect for two sequential 10-year, \$20 million fee capacity for a broad range of project scope and construction cost. The Architect of the Capitol is responsible to the United States Congress for the maintenance, operation, development, and preservation of the United States Capitol Complex, which includes the Capitol, the Congressional office buildings, the Library of Congress buildings, the Supreme Court building, the US Botanic Garden, the Capitol Power Plant, and other facilities. Today, in addition to the Capitol, The Architect is responsible for the upkeep of all the congressional office buildings, the Library of Congress buildings, the United States Supreme Court building, the Federal Judiciary Building, the Capitol Power Plant, the Capitol Police Headquarters, and the Robert A. Taft Memorial.

State of Wisconsin, Forward Statue, State Historical Society, Madison, WI

Project Manager. Forward Statue Installation and Pedestal – Digital imagery to facilitate site selection in State Capitol Park of replica bronze statue from Colombian Exposition; design of pedestal for original statue installation at historical society; construction documents, construction administration; assisting in planning opening event.

Architect of the Capitol, US Supreme Court Exterior Façade Cleaning and Restoration, Washington, DC

Project Manager. The project scope included providing a design review and quality assurance for the restoration and cleaning of Cass Gilbert's US Supreme Court Building.

Perry's Victory New Visitor Center, Put-in-Bay, OH

Job captain of a new visitor's center at this national monument. Using materials associated with other structures on the island, the new structure echoes the classic style of the monument on the site that commemorates Commodore Oliver Hazard Perry's victory in the Battle of Lake Erie, General Harrison's Northwestern Campaign in the War of 1812, and peaceful relations between the United States and Great Britain following the Treaty of Gent. The scope of work included design and documentation of the visitor's center, landscape treatments to the building site, site design that connects the visitor's center with points of contact between visitors and the park boundaries, new exhibit design within the center, and the integration of visitor services.

West Virginia State Capitol Restroom Renovations, State of WV General Services Division

Preservation Architect and Technical Reviewer Services. The project scope included the review of disciplines for constructability and preservation compliance. Baker led the phased renovation of 31 restrooms in this National Landmark legislative building to ensure viability for the state. The design of the State Capitol and grounds began with the 1922 selection of Cass Gilbert as architect for new Capitol. After considering several locations, the Duffy Street site was chosen in 1923 and design of the building along the Kanawha River began in earnest. Gilbert was known for monumental civic buildings such as the U.S. Supreme Court. He developed a Beaux-Arts master plan for the site that is organized along an axis through the central building dome, extending across the river and up the north hillside. While the elements of this plan were not

Gretichen Pfaehler AIA I Project Manager

fully implemented, an axial organization was used. Starting in 1925, the phased construction of the three parts of the Capitol and wings was completed by 1932, shortly before Gilbert's death.

West Virginia State Capitol Master Plan, State of WV General Services Division

Preservation Architect and Technical Reviewer Services. The project included a review of the master plan developed as guidelines to approach restoring the Capitol campus. The State of West Virginia, seeing the need for a comprehensive and forward looking building and site development plan for the West Virginia State Capitol Campus, commissioned this master planning effort. The Capitol was designed by renowned architect Cass Gilbert beginning in 1922 and constructed by 1932. The campus expanded over time to accommodate increases in executive, legislative and judicial staff and State Government department staff. The development of a more cohesive and efficient campus for the people of West Virginia and the governmental staff is a useful and important objective. To shape a comprehensive West Virginia State Capitol Campus Master Plan, a talented, interdisciplinary team collaborated with State Government, focusing on research, interviews, meetings, alternatives, and preliminary schematic design in order to resolve issues and assimilate the diverse needs of this living heart of the State. These West Virginia State Capitol Campus Master Plan recommendations are logical, functional, and visionary. The master plan envisions an identifiable, cohesive campus, provides a clear image, functions effectively, and incorporates current best practices to serve the needs of West Virginians.

State of Wisconsin, Wisconsin State Capitol Renovation, Madison, Wisconsin. Rotunda Restoration and Preservation

Lead and Project Manager developing survey and writing for historic structures report; created schematic, design and construction documents; specification writing; drafting; conservator selection; managing consultants; construction administration; built close productive relationship with contractor team; development and maintenance of logs and budget; coordination of publicity and video documentary development.

State of Wisconsin, Wisconsin State Capitol Renovation, Madison, Wisconsin, West and South Wing Restoration and Renovation

Developed restored furniture specification and document development; new and replica furniture package development; historic structure report text and chapter development; field measurement; building survey; historic hardware survey; development of decorative finish exposures.

Ada County, Courthouse and Idaho State Capitol Mali Plan, Boise, ID

Preservation consultant with responsibilities including survey of existing conditions and analysis of a 1930's Moderne courthouse as a component of the Idaho State Capitol Mall Planning project. The survey included assessment of significance and feasibility of re-use of the existing building configurations, original artwork, plaster, stone and terrazzo finishes, as well as steel windows. Public hearing presentation for recommendations.

Charles Allis Art Museum, Interior and Exterior Renovations, Milwaukee,

Reviewed the exterior and roofing documentation. Directed the repair and restoration of the brick and sandstone cleaning and re-roofing project in a manner that was sensitive to the original design of the 1909 Eschweiler home built for Milwaukee Industrialist Charles Allis.

Gretchen Pfaehler AIA Project Manager

Veterans Memorial Art Museum, Mosaic Restoration, Milwaukee,

Documented, developed a scope of work and located contractors able to conserve the 1957 glass tiled mosaic designed to commemorate the years of World War II and the Korean War.

Plume House, Newark, NJ

Principal-in-Charge and Lead Historic Preservation Architect. Prepared Historic Structure Report (HSR) for the house, an eighteenth century structure. The project included research of the house history, evaluation of the house's significance and integrity, assessment of the existing conditions, and recommendations for treatment of all the features and materials. The HSR was prepared following a Section 106 review process and it is reviewed by the New Jersey Historic Preservation Office.

Washington Club Master Plan for the Patterson House, Washington DC

Patterson House Preservation Foundation. Preservation Architect. Performed condition assessment and developed recommendations for rehabilitating the 1993 historic house designed by Stanford White, from McKim, Mead and White, and it. 1950s addition.

Potomac Boat Club Master Plan, Washington DC

Preservation Architect. Performed condition assessment and developed recommendations for rehabilitating the Potomac Boat House, built in 1908, is one of two remaining early 20th century boathouses along the Potomac River representing recreational pursuits that were an important part of Washington life. Founded in 1869, Potomac Boat Club is the oldest and one of the best known rowing clubs in the Washington, D.C. area. It is home to some 300 senior members, from recreational rowers to Olympic athletes and several successful competitive programs for scullers and sweep rowers. It is also home to Washington-Lee High School crew under a cooperative agreement going back more than 50 years. Located in the shadow of Key Bridge along the waterfront. the historic PBC boathouse has survived floods, hurricanes, and the catastrophic fire that destroyed the Washington Aqueduct. The boathouse also survives as the only building in the District of Columbia promoting competitive rowing. In the 19th century rowing was a major sport similar in popularity to our 20th century versions of boxing or football.

The National Trust for Historic Preservation, Lincoln Cottage, Washington D^C Project Manager for the master plan for the museum and visitor center renov;ation and the exterior restoration of the Lincoln cottage. Lincoln Cottage is located on the campus of the United States Soldiers' and Airmen's Home in Washingt on DC. The scope of the exterior renovation included stucco analysis, replacement, window, wood trim, and masonry repairs.

The National Trust for Historic Preservation, Decatur House, Washington DC: Project Manager for the museum renovation and preservation Decatur House; located on Lafayette Square across from the White House, is last residence that Latrobe designed before his death in 1820 and is one of only three of his dome;stic buildings that still survives.



Jennie Gwin Project Architect

Jennie Gwin is a Project Architect and member of BBB's Washington DC office. She has ten years of experience in historic preservation and adaptive re-use, with particular expertise in building repositioning and historic rehabilitation tax credit projects. Her clients include the National Park Service, Architect of the Capitol, US State Department, **Peebles Corporation, and First** Potomac. She holds a Bachelor of Arts in Architectural History and **Bachelor of Science in Architectural** Design from the University of Virginia, a Master of Science in Historic Preservation from the University of Pennsylvania, and a Master of Architecture from Virginia Polytechnic Institute and State University.

Education

March, Virginia Polytechnic Institute & State University

MS, Historic Preservation, University of Pennsylvania

BS, Architecture Design, University of Virginia

BA, Architectural History, University of Virginia

Registration

Registered Architect In Washington, DC

Department of State, Chief of Mission Residence and Garden Historic Structures/Cultural Landscape Report and Conceptual Garden Design, Tokyo,

Historic Architect for the Historic Structures Report and Cultural Landscape Report for the Chief of Mission Residence and Garden in Tokyo, Japan. The historic building is a three story masonry, purpose-built structure with basement, designed and built between 1926 and 1931. It is located in 1.47 acre plot with an intensive landscape garden.

National Park Service, National Capital Region, Hains Point Master Plan, Washington, DC

Project Architect for the preservation and renovation of this historic Mission 66 building complex on Hains Point in Washington DC. The existing buildings serve as the headquarters for the National Park Service National Capital Region and will be renovated to accommodate consolidated functions currently located in disparate areas of the region, including the headquarters for the National Mall and Memorial Parks and US Park Police with shared classroom, training spaces and public meeting rooms. The scope of work includes programming and full design services for the interior renovation and exterior restoration. BBB is also coordinating the completion of the project with complex phasing to accommodate the NPS Energy Savings Performance Contract (ESPC) with the Department of Defense.

1401 K Street, Washington, DC

Project Architect for the design and renovation of this historic building. The primary goal of the renovation is to create sustainable Class-A office space with unique shared amenities that enhance the historic character of the building to create an iconic presence while minimizing disruption to existing tenants. BBB's design includes exterior improvements and restoration, interior renovation of public and shared spaces, signage and graphic design, and MEP and life safet.y upgrades.

1801 Vine Street, Philadelphia, PA

Project Architect for this project that will transform the historic property at 1801 Vine Street in Philadelphia into a luxury hotel with 199 guest rooms, a 3,500 square-foot (sf) ballroom, 16,000 sf of spa and fitness space, 14,000 sf of meeting and event space, and 5,800 sf restaurant and bar. The existing building is approximately 250,000 sf and is listed on the Philadelphia Register of Historic Places and the National Register of Historic Places. As the former Philadelphila Family Court Building, this Beaux Arts style building was constructed between 1938 and 1941. BBB is the Architect responsible for the design of the hotel and associated functions as well as the Historic Tax Credit process and coordinat ion with the Philadelphia's public-private economic development corporation. The project is pursuing LEED silver.

U.S. Supreme Court Building

Staff Architect for a carefully crafted and choreographed design to renovate the National Historic Landmark without compromising the historic integrity of the building. The \$140M modernization of 440,000 SF of new and existing space includes new building systems, extensive security upgrades, and the creation1 of new space efficiencies to accommodate increased occupancy. Important new

Jennie Gwin ΑΙΑ Project Architect

features of the project include the Visitor Screening Area, a blast protected visitor entrance for increased security inserted within the existing structure, and a multi-media visitor's theater. This project was completed in 2010.

Cannon House Office Building, Washington, DC

Staff Architect during the study and design phases for the phased renovation of a 1908 building listed on the National Register of Historic Places that includes the removal of non-original alterations, restoration of historically significant interior and exterior spaces, and the addition of new program space. The 770,000 SF project includes the integration of all new building systems, extensive security upgrades, and workplace efficiencies to accommodate the changing needs of the Members of the House of Representatives and their staffs. The project transforms a previously inaccessible rooftop into an occupiable garden space with a fountain and terrace. A primary goal of the LEED registered project is increased energy efficiency. This project is currently under construction with an expected completion in 2024.

The Old Post Office Building, Washington DC

Architectural review and construction administration for the redevelopment of the Old Post Office as a mixed use luxury hotel and conference facility. The facility would provide a total of 502,000 gross square feet, with approximately 267 hotel rooms and suites and approximately 63,300 SF of museum space, restaurants, retail spaces, a bar/ lounge, an exhibition gallery, a library/seating area, a spa and health club, a gift shop, a ballroom, and conference space. Jennie is overseeing the historic rehabilitation tax credit process.

655 New York Ave, NW, Washington, DC

Staff Architect for an urban mixed-use development integrating new construction and historic buildings in the Mount Vernon Square historic district. A new eleven story Class-A office tower with retail at the street level and outdoor terraces at the upper levels is carefully inserted within the vacant lots of the half block development. The early 1900's historic mercantile buildings are rehabilitated and connected to the office tower at multiple levels creating dynamic interior spaces that transcend the visual appeal of the varied facades.

CONSERVATION SOLUTIONS inc



Mark Rabinowitz

Conservator

Mark is an owner and part of the management team for the firm. He has decades of experience in the preparation of condition assessments, testing and analysis, contract documents including specifications and drawings, and implementation of conservation treatments of major historic and artistic works in the US. Canada and the Caribbean. First trained as a sculptor, he has worked on preservation of monuments, sculptures, historic structures, fountains, industrial artifacts. historic sites and collections.

Education

Bachelor of Fine Arts, Sculpture, Rhode Island School of Design, Providence, R!

Affiliations

American Academy In Rome, Fellow

American Institute for Conservation (AIC), Professional Associate

Major recent significant projects include the decommissioning of the Atlantis Space Shuttle, the assessment of the Egyptian Obelisk in New York City, treatments of bronze and marble at the US Capitol US, Dept of Commerce and US Supreme Court buildings, treatments of iron and aluminum at the US Dept. of Justice building, treatment of stone of the West Block of the Canadian Houses of Parliament, assessments and treatments of the Grant, Lincoln, and WWI Memorials on the National Mall, conservation of monuments in Arlington and other National Cemeteries around the country, restoration of major elements of Louis Comfort Tiffany's Laurelton Hall, conservation of works for the Brooklyn, Metropolitan Museums in NYC the Smithsonian Institute and National Gallery of Art in Washington, DC, Crystal Bridges Museum, Morse Museum, the Biltmore Estate, Rockefeller's Kykuit, Doris Duke's Rough Point, Vizcaya Museum & Gardens and hundreds of other Federal, State and Local sites throughout North America.

Gilded Copper Dome Assessment, West Virginia Capitol, WV

Project Manager. CSI was contracted to perform the following tasks on the gilded lead-coated copper Capitol dome: 1) determine the original finishes and techniques used in its creation; 2) determine the techniques and materials that were used in the most recent gilding campaign; 3) examine the present condition of the copper substrate to determine the extent of wear and any damage that may have occurred due to manmade or natural occurrences; 4) determine the stability of the attached decorative elements and the means that were used to support them and connect them to the dome; 5) understand the local climate and the environment of Charleston; 6) evaluate the logistics of the site to assist SHC in the generation of performance specifications; 7) determine a temporary, short-term, means of improving the aesthetic appearance of the dome; and 8) perform mockup samples of cleaning techniques that are candidates for the future restoration of the dome.

27 State Monuments Assessment, Various Locations, MN

Project Manager. CSI was contracted by the Minnesota Historical Society to perform a condition survey of twenty-seven different monuments installed throughout the state of Minnesota. The goal was to document the materials, installation details and conditions of the zinc, bronze, iron and stone monuments and prepare treatment recommendations for each. Each was surveyed, measured, photographed and mapped (several were in obscure locations in abandoned cemeteries). Conditions and their likely causes were noted and recommendations made for treatment. A list was developed with priorities and cost estimates for the recommended work.

Statuary Collection Conservation, Central Park, NY

Beginning in Central Park and then expanding to the city at large, senior conservator Mark Rabinowitz, established innovative means to survey, assess, treat and maintain the entire collection. Over more than ten years, each work was brought to maintenance standards through careful conservation treatments as well as kept in excellent condition through comprehensive on-going annual assessment and maintenance. As Director of Historic Preservation for Central Park and the Chief Consulting Conservator for the entire Parks Department, Rabinowitz was also involved in the review of new monument and public art installations. He collaborated with architects and sculptors on the design and

Mark Rabinowitz Conservator

fabrication of the Duke Ellington Memorial and the Jose de San Martin statues, as well as numerous temporary installations.

Outdoor Art Collection Assessment and Recommendations, Columbia University,

Project Manager. CSI was contracted to do a complete condition survey and treatment report for a group of twenty individual pieces on the Columbia campus. The sculptures ranged in age from constructions dating back as far as 1884 (the bronze and granite figure, Le Marteleur) and as recently as 1998 (the bronze sculpture, Life Force). They were constructed of a wide range of materials, including bronze, limestone, marble, granite, steel and concrete. As well as the condition reports, each piece was given a priority ranking based on the investigation's findings. Several of the works have been treated by CSI conservators during the University's on-going commitment to its collection's care.

Miami Beach Public Art Collection Assessment, Miami Beach, FL

Project Manager. CSI was contracted to assess the condition of each and prepare treatment recommendations for the collection. Working with Douglas Wood Assoc. Engineers, each monument was documented and assessed. Conditions requiring treatment were noted and prioritized. Recommendations for treatment and budgetary cost estimates were prepared.

Public Art Collection, City of Asheville, NC

Project Manager. As part of their commitment to preservation, the City of Asheville commissioned CSI to survey the entire collection, catalog its component elements and materials, and provide guidance for preserving it. All works were inspected, documented, and a catalog of the existing conditions was developed. Areas of loss or deterioration were documented. The mountings and sites were studied and recommendations were made for improvements to reduce the potential for theft or further vandalism. The severity of conditions was ranked and prioritized. Recommendations for treatment and budgetary costs were included with the report.

Cast Stone Obelisk Assessment and Conservation, Flagler Memorial Monument, Miami Beach, FL

Project Manager. CSI was contracted to assess the monument, evaluate test results and engineering reports, and prepare a range of treatment recommendations for its restoration. Following the assessments, CSI implemented conservation treatment based on the previous assessment and the architect's and engineer's recommendations.

Lead Sculptures Conservation - Vizcaya Museum and Gardens

Project Manager. CSI was engaged in a multi-year contract to preserve the outdoor sculpture collection of Vizcaya Museum and Gardens, which included the three sculptures featured above. They depict the Commedia dell'arte figures of Pulchinello and Harlequin, and Narcissus (a popular image from Greek mythology depicted here with a shepherd's crook). Like other lead sculptures at the site, the hollow castings were vulnerable to damage in the sub-tropical environment.

The West Virginia Board of Architects

certifies that

HANY A. HASSAN

is registered and authorized to practice Architecture in the State of West Virginia.

In testimony whereof this certificate has been issued by the authority of this board.

Certificate Number



The registration is in good standing until June 30, 2016.



Board Administrator

Lepa C. Lewis

atulations!

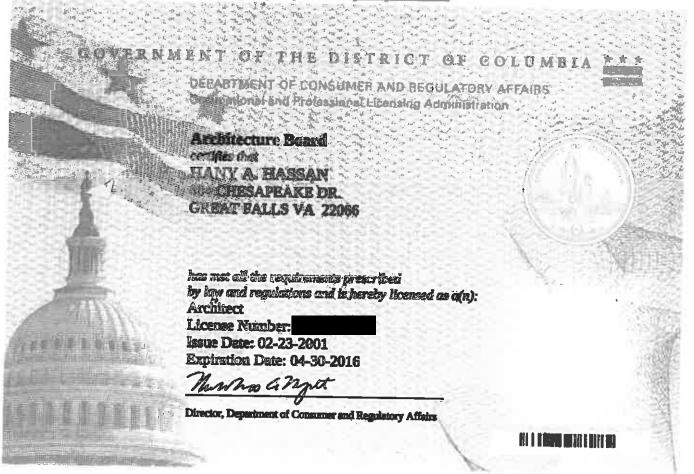
s your wall license and pocket identification card. If your initial license, your wall certificate will arrive separate cover. If this is your renewal license, this is ly document you will receive. You must display the cense below with your original wall certificate to hat your status is current.



In order to be sure that your renewal notice is sent to your correct address, please notify Pearson VUE on behalf of the Board of Architecture if your address changes by going to www.pulseportal.com or if your name changes by writing to:

Pearson VUE
Dept. DC-AR
Metro-Piex I
8401 Corporate Drive, Suite 250
Landover, MD 20785

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21 04 12458 MESSAGE (S):

HANY A. HASSAN

6249 03-06-2014



LICENSE * REGISTRATION * CERTIFICATION * PERMIT STATE OF MARYLAND

Martin O'Malley Anthony G. Brown

DEPARTMENT OF LABOR, LICENSING AND REGULATION

Leonard J. Howie, Ill

STATE BOARD OF ARCHITECTS CERTIFIES THAT:

HANY A. HASSAN

IS AN AUTHORIZED:

04 - ARCHITECT

LIC/REG/CERT

EXPIRATION

04-25-2016

EFFECTIVE

N/A

CONTROL NO 4525513

Signature of Bearer

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STATE BOARD OF ARCHITECTS 500 M. CALVERT STREET BALTI HORE, HD 21202-3651

HANY A. HASSAN

SE * REGISTRATION * CERTIFICATION * PERMIT STATE OF MARYLAND

STATE BOARD OF ARCHITECTS CERTIFIES THAT: HANY A. HASSAN

IS AN AUTHORIZED: 04 - ARCHITECT

LIC/REG/CERT EXPIRATION EFFECTIVE

CONTROL NO 4525513

Signature of Bearer

Secretary DLLR



30083265 Hany Hassan FAIA

THE STATE OF WISCONSIN

EXAMINING BOARD OF ARCHITECTS, LANDSCAPE ARCHITECTS, PROFESSIONAL ENGINEERS, DESIGNERS, AND PROFESSIONAL LAND SURVEYORS

Hereby certifies that

GRETCHEN K PFAEHLER

was granted a certificate of registration as an

ARCHITECT

in the State of Wisconsin in accordance with Wisconsin Law on the 4th day of September in the year 2007.

The authority granted herein must be renewed each biennium by the granting authority.

In witness thereof, the State of Wisconsin

Examining Board of Architects, Landscape Architects, Professional Engineers, Designers, and Professional Land Surveyors

has caused this certificate to be issued under

the seal of the Department of Safety and Professional Services

Dave Ross, Secretary

Scott/Walker, Governor

This certificate was printed on the 2nd day of June in the year 2016











Historic DC Courthouse, Lincoln Statue

Washington, DC

RELEVANCY

- BBB Project Management
- Statue Evaluation
- Complex Statue Restoration & Coordination
- Located on Campus Setting

BBB's restoration of the historic DC Courthouse revives the original grandeur of the 1820's structure and provides additional space and enhanced facilities for The Court of Appeals.

Originally designed by George Hadfield in 1820 to serve as Washington's City Hall, the historic DC Courthouse is a National Historic Landmark and a prominent structure on Judiciary Square. BBB's restoration and expansion prepares the building for 21st-century use. Enhanced facilities, including a ceremonial courtroom, reception spaces, and attorney conference rooms are located below grade to minimize impact on the historic interiors and facade. The addition of a new ceremonial courtroom beneath the grand front portico presented complex engineering challenges. Crews constructed a steel frame onto which the weight of the portico was temporarily transferred using hydraulic jacks. BBB's design features a new, modern pavilion that is oriented toward Judiciary Square on the north and serves as the main entrance. The entire building is now ADA-compliant with "invisibly" modernized mechanical systems and sustainable design features, such as permeable surfaces and efficient wastewater management, to reduce energy consumption.

As an important feature of the historic complex the team developed an approach to temporarily relocate the Abraham Lincoln statue from its current position during construction so that the extensive site work could be completed and the statue could be restored and then placed in its historic position on the site. The project looked to have the statue restored and placed in its historic location as a contributing feature to the site.

The statue is one of the nation's oldest existing memorials to the legendary president. It was rededicated at its historic location on one hundred forty-one years to the day after it was originally installed and just one day before DC Emancipation Day. In preparation for the upcoming reopening of the courthouse, the statue was meticulously cleaned and restored, and will be re-erected in this bicentennial year of Lincoln's birth. The first public monument to the fallen President, the statue was created with funds contributed immediately after the assassination through popular subscription. John T. Ford made the largest donation of about \$1,800, which he raised through proceeds from a benefit performance at his theater.

The original unveiling of the statue on April 15, 1868, three years after Lincoln's death, was attended by about 20,000 people (over 20% of Washington's residents), as well as by such dignitaries as President Andrew Johnson and Generals Ulysses S. Grant and William T. Sherman.

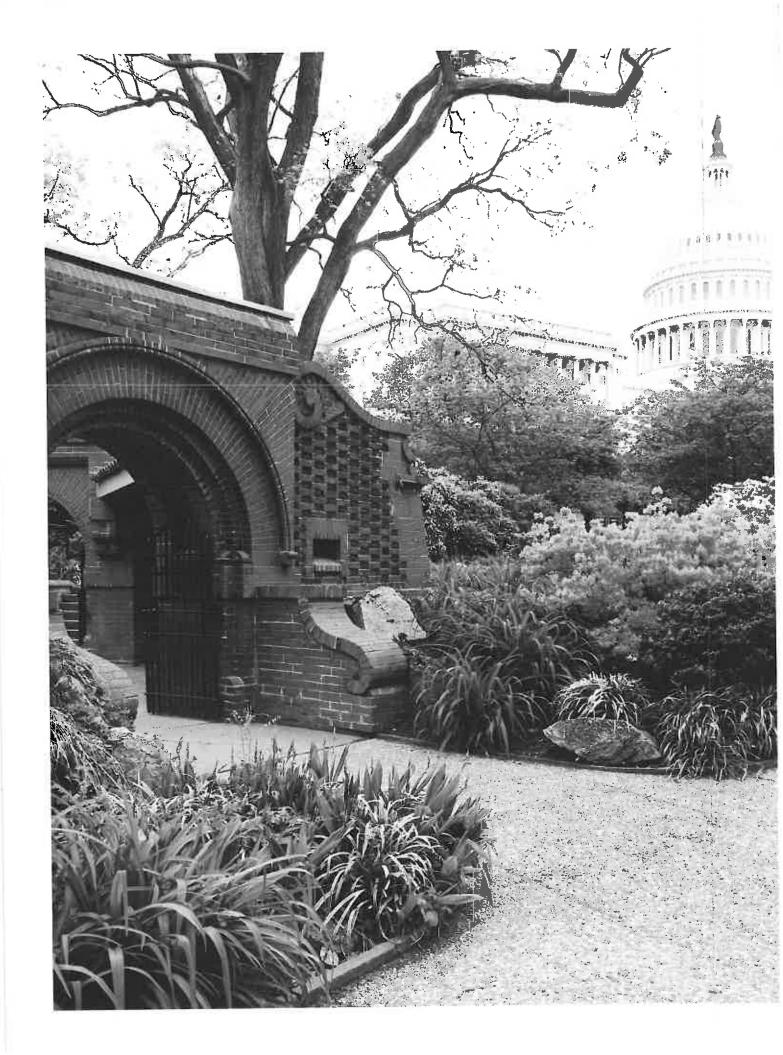
The marble statue was sculpted by Lot Flannery, an Irish immigrant who was not an artist by profession. Together with his brother, he owned one of the city's largest stone-carving companies that specialized in tombstones. Flannery's design was unanimously selected by the monument committee, who praised it as the "most spirited" and "an excellent likeness" of Lincoln.

In the life-like statue, Lincoln is depicted as if about to speak, his left hand resting on a Roman fasces, symbolic of the Union. Though the statue was originally set atop a marble column over 30 feet high, the sharp features and deep-set eyes make him recognizable even from a distance.

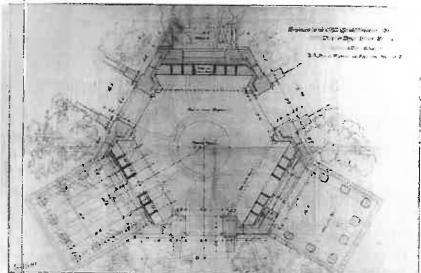
In 1919, when the courthouse (formerly the District of Columbia City Hall) underwent a renovation, the statue and column were dismantled and put into storage. The statue was then re-erected on April 15, 1923, this time on a low pedestal. Once placed within easy reach to vandals, Lincoln's fingers were repeatedly broken off and eventually his right hand was recarved, though at too large a scale.

CLIENT

District of Columbia Courts
Joseph E. Sanchez Jr.
Director, Capital Projects/Contracting
Officer
District of Columbia Courts
616 H St., NW 6th Floor
Washington, DC 20001-2131
202.879.2801
Joseph.Sanchez@dcsc.gov









Architect of the Capitol, Summerhouse Restoration

Washington, DC

RELEVANCY

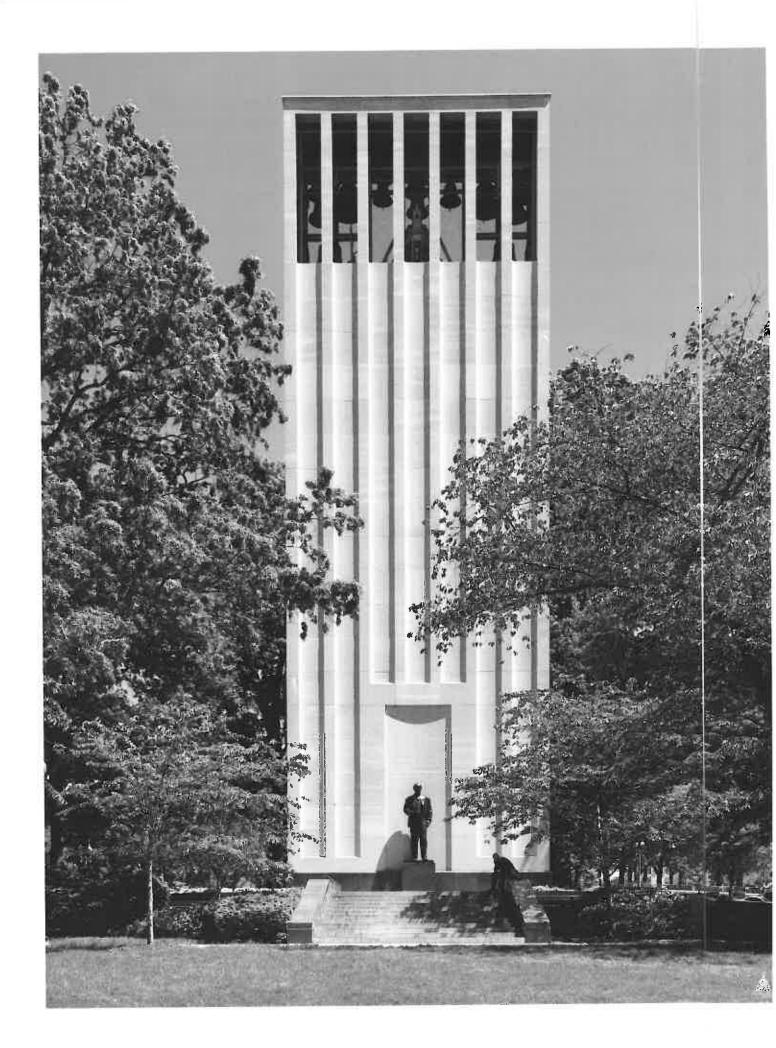
- **BBB** Project Management
- Historic Monument Restoration
- Survey-Condition Assessment
- Testing-Analysis
- Located on Campus Setting

BBB restored the Summerhouse, a historic hexagon-shaped jewel of a monument on the west front lawn of the US Capitol, built as a resting place for visitors.

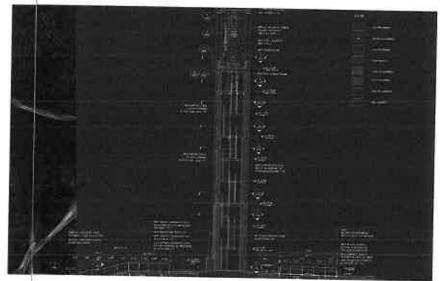
BBB provided architectural services for the restoration of the Summerhouse which is located on the northwest section of the U.S. Capitol Grounds. Designed by Thomas Wisedell under the direction of the landscape architect Frederick Law Olmsted, the Summerhouse was constructed from 1879 to 1880. The open air structure is constructed of red brick in the form of an open hexagon with a fountain located in the middle. The restoration included: full restoration of the plantings and landscape that date to Olmsted's original design, restoration of the terra cotta roof, recreation of a historic paving pattern, upgrades to the fountain system, cleaning and re-pointing of historic brick, upgrades that address accessibility.

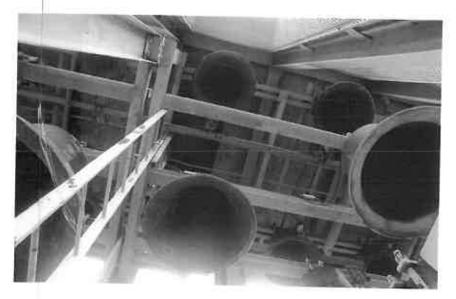
CLIENT

Architect of the Capitol Mary Oehrlein Historic Preservation Officer Ford House Office Building 3rd and D Sts, SW Room 542 Washington, DC 20515 202.226,4714 moehrlein@aoc.gov









Architect of the Capitol, Taft **Memorial Restoration**

Washington, DC

RELEVANCY

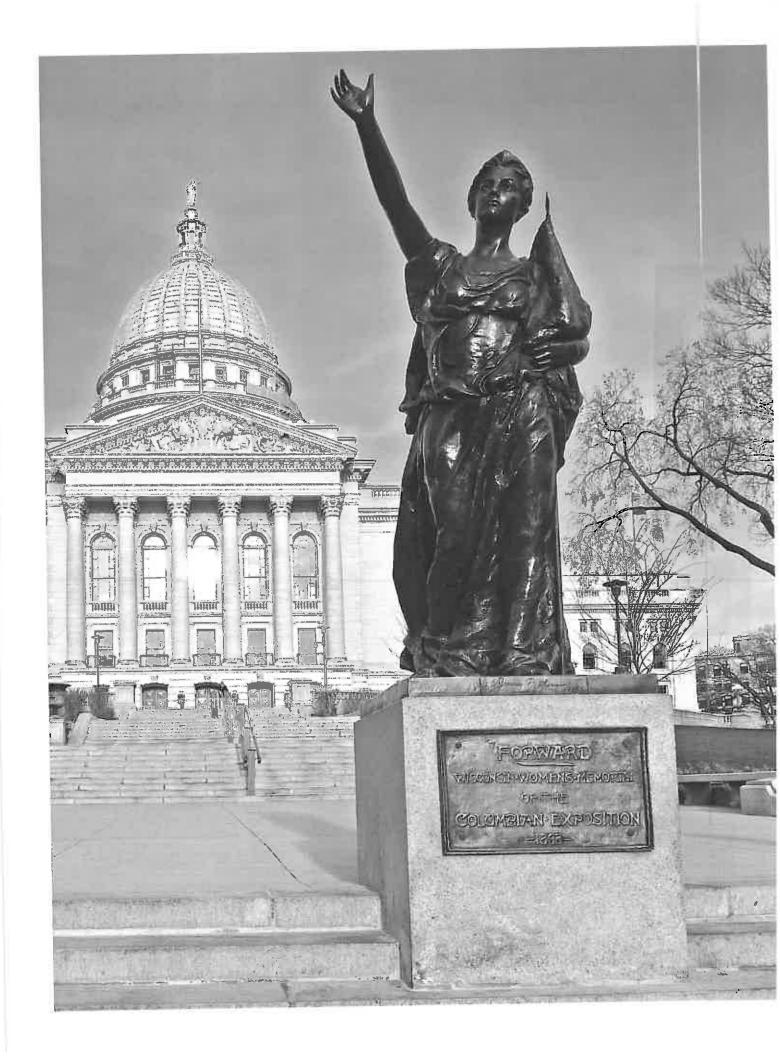
- **BBB Project Management**
- Historic Monument Restoration
- Survey-Condition Assessment
- Testing-Analysis

BBB restored the Robert A. Taft Memorial, Washington DC's oldest carillon and one of the finest in the world.

The Robert A. Taft Memorial and Carillon, located north of the US Capitol, honors the Ohio Senator who served form 1938-1953. The memorial plaza is encircled by a moat and contains a ten foot bronze statue of the Senator as well as a 100 foot tower clad in Tennessee pink marble. The carillon in the upper part of the tower is Washington DC's oldest and contains 27 cast bronze bells, the largest of which weighs 7 tons. BBB designed a service stair for safe access to the carillon. BBB's restoration also includes repair and restoration of the marble; upgrades to the electrical and mechanical systems; upgrades to the fountain system; OSHA and accessibility compliance upgrades; and new lighting.

CLIENT

Architect of the Capitol Mary Oehrlein Historic Preservation Officer Ford House Office Building 3rd and D Sts, SW Room 542 Washington, DC 20515 202.226.4714 moehrlein@aoc.gov







wisconsin State Capitol

_{Madi}son, WI

RELEVANCY

- **BBB Staff Project Management**
- Survey-Condition Assessment
- Testing-Analysis
- Historic Statue Restoration

In 1895 sculptress Jean Pond Miner received an unusual honor for a woman of her day: her seven-foot tall illegorical statue "Forward" was given a prominent position at the Wisconsin State Capitol. Miner completed her statue in 1893 at the World's Columbian Exposition in Chicago, fulfilling a commission to create art representative of her native state. "Forward" is an allegory of devotion and progress, qualities Min er felt Wisconsin embodied. In 1893, both Taft and the Janesville Ladi es Afternoon Club recommended her f or an artist-in-residence position at the Columbian Exposition. Miner creal ted "Forward" after the fire in her situdio went out one night and the completely dest royed another statue she was just

about to cast. Later, though she had originally planned to cast "Forward" in copper, her funds ran out and the statue remained in its bronze form. In 1895 the statue was placed at the east entrance of the State Capitol, In 1916, the State rededicated "Forward" and moved it to the North Hamilton Street Entrance where it remained until 1995. Unfortunately, the delicate bronze had suffered in its 100 years of outdoor exposure. Despite major conservation treatment in 1990, the prognosis for preservation of the statue out-of-doors was not favorable. Led by Wisconsin's first lady Sue Ann Thompson and Camille Haney, women from across the state funded the creation of a bronze replica of "Forward", now displayed at the west entrance to Capitol Square at the end of State Street, and the conservation and relocation of the original work to an indoor location at the Wisconsin Historical Society's Headquarters building, where it was installed just before 2000.

After restoration and treatments were determined to be of limited use and purpose due to the composition of the original bronze, the Wisconsin Department of General Services and Historical Society recommended a replica statue be fabricated and the

original placed in the lobby of the Historical Society. The team worked with the Wisconsin Capitol executive committee and the Wisconsin Department of General Services on the selection for the placement of the statue and the design of the pedestal for the replica statue. The statue was scanned and photographed to document the detail for replica fabrication and to create images for the site selection for the replica statue in the State Capitol Park. The team provided design, contract documents, and construction services for both the replica and original installations.

CLIENT

State of Wisconsin Daniel Stephans, AIA State Architect 101 East Wilson St., Madison, WI 53702 607.266,1417 Dan.Stephans@Wisconsin.gov







Virginia Sate Capitol

Richmond, VA

RELEVANCY

- BBB Staff Project Management
- Historic Monument Restoration
- Survey-Condition Assessment
- Testing-Analysis

In Richmond stands a marble statue of George Washington that is among the most notable pieces of eighteenth-century art, one of the most important works in the nation, and, some think, the truest likeness of perhaps the first American to become himself an icon. A life-sized representation sculpted by France's Jean-Antoine Houdon between 1785 and 1791 on a commission from Virginia's legislature, it was raised in the capitol rotunda in 1796, the year Washington published his Farewell Address. The commonwealth's records detail its creation and its initial reception by the public, but the object has been the subject of little scholarly or scientific attention. The work's existence after it left Houdon's studio and arrived in America has been largely undocumented, and the statue's relationships to its artistic and historical contexts have not been examined. In 2000, the year the Virginia General Assembly and the Library of Virginia approached Colonial Williamsburg Foundation conservators to clean the statue, came an opportunity for study. The team provided survey and documentation to protect the statue during the entire renovation of the Virginia Statehouse. Upon removal the team worked with conservators on the restoration of the stature and cast iron fence within the Rotunda.

CLIENT

Commonwealth of VA Shirley McNutt, VCCO, VCO 203 Governor St, Richmond VA 23219 804.786.4538 Shirley.McNutt@dgs.virginia.gov









National Park Service, Arlington Cemetery, U.S.S. Maine Memorial

Arlington, VA

RELEVANCY

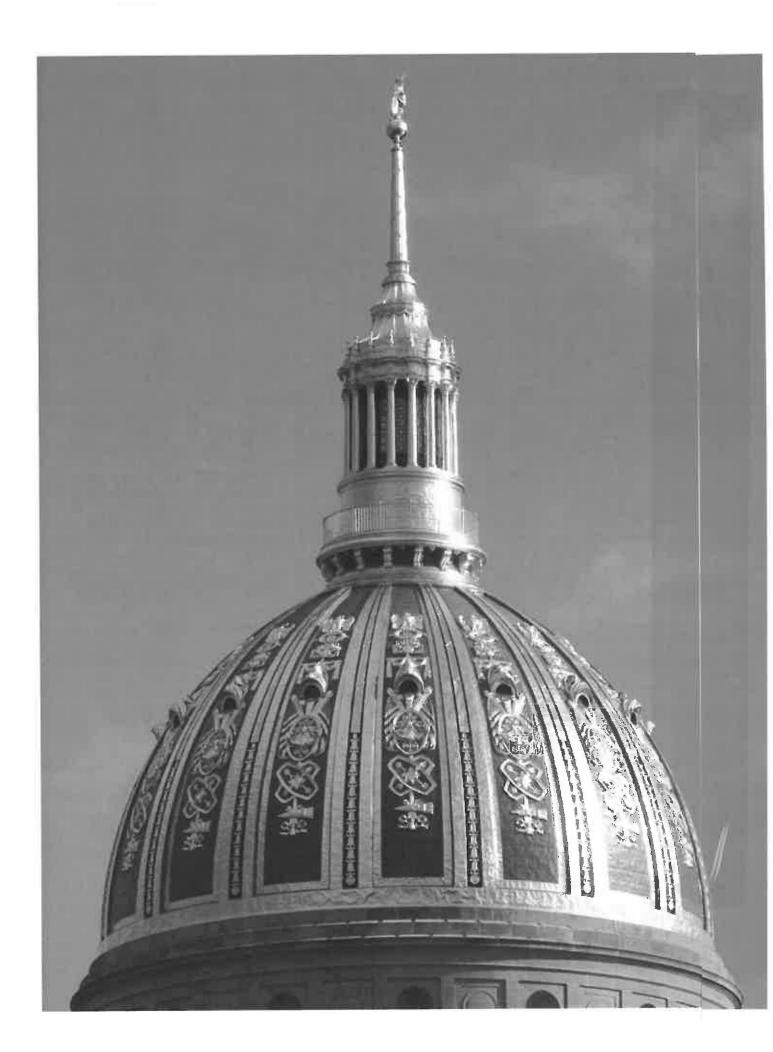
- **BBB Project Management**
- Historic Monument Restoration
- Survey-Condition Assessment
- **Testing-Analysis**

The scope of the project was to conduct investigations and testing to evaluate and assess the existing conditions of the USS Maine Memorial in Arlington National Cemetery. The mast is the salvaged main mast from the USS Maine, which sunk in Havana Harbor, Cuba on February 15, 1898. Nathan C. Wyeth was commissioned to design the Memorial, which is in the form of a circular stylized turret that serves as a base for the original recovered main mast.

BBB completed existing conditions drawings, drawings and specifications for hazardous material remediation and abatement, and the evaluation of interior structural reinforcement requirements and options associated with removal of the granite roofing panels. Work included a conditions assessment of the main mast and shrouds, including a material and structural analysis, determination of the sources of water infiltration into the interior of the Memorial and recommended treatments to prevent future water infiltration and halt further deterioration. Investigations and a site survey were completed to determine work recommendations for the conservation and restoration.

CLIENT

National Park Service Kari Grabinski, Exhibits Specialist 1849 C Street Nw, Washington, DC 301.663.8206 X118 kari_grabinski@nps.gov





West Virginia Capitol, Gilded Copper Dome Assessment

Charleston, WV

RELEVANCY

- CSi Conservation Project
- West Virginia, DGS
- Surveys-Condition Assessment
- Testing-Analysis
- Research-Documentation

A Capitol Building Commission, created by the Legislature in 1921, authorized construction of the present capitol. Architect Cass Gilbert designed the buff limestone structure that was to have a final cost of just under \$10 million. After the three stages of construction were completed, Governor William G. Conley dedicated the capitol on June 20, 1932.

Conservation Solutions, Inc. (CSI) was contracted to perform the following tasks on the gilded lead-coated copper Capitol dome: 1) determine the original finishes and techniques used in its creation; 2) determine the techniques and materials that were used in the most recent gilding campaign; 3) examine the present condition of the copper substrate to determine the extent of wear and any damage that may have occurred due to manmade or natural occurrences; 4) determine the stability of the attached decorative elements and the means that were used to support them and connect them to the dome: 5) understand the local climate and the environment of Charleston: 6) evaluate the logistics of the site to assist SHC in the generation of performance specifications; 7) determine a temporary, short-term, means of improving the aesthetic appearance of the dome; and 8) perform mock-up samples of cleaning techniques that are candidates for the future restoration of the dome.

Additionally, CSI generated a testing report that evaluated the effectiveness of two different coating systems to be used on the dome. The testing evaluated the coatings': 1) adhesion to the copper substrate; 2) abrasion resistance; 3) chemical resistance; 4) flexibility in relation to the coefficient of expansion of copper; 5) heat and UV resistance; 6) impact resistance; 7) moisture resistance; and 8) their compatibility with different sizing and gold leafing materials. Each of the proposed coating materials were tested initially and then again after accelerated weathering exposure.

CLIENT

Mills+Schnoering Architects LLC Anne Weber, FAIA 200 Forrestal Road, Suite 3A, Princeton, NJ 08540 609.681.2480 annew@msarchitectslic.com







27 Monuments Assessment

Various Locations, MN

RELEVANCY

- **CSI Conservation Project**
- 27 State Monuments
- Surveys-Condition Assessment
- Materials: Granite, Marble, Limestone, Concrete, Zinc, Bronze,

Across the state of Minnesota, there are a number of monuments dedicated to people, places and events significant to its history. Among these monuments, pictured above, are the Colonel William Colvill Monument [left], the Fort Ridgely State Monument [center], and the Count Beltrami Monument [right]. The Colvili Monument commemorates the leader of the First Minnesota

Volunteers, who were instrumental in the Civil War Battle of Gettsysburg. The monument marks the grave site of both he and his wife. The Fort Ridgely was dedicated in 1896 and marks the anniversary of the 1862 US-Dakota conflict, and commemorates the soldiers who died during that conflict. The Count Beltrami Monument was dedicated to the Italian explorer, Giacomo Beltrami, who established Lake Julia, at the time thought to be the source of the Mississippi River.

In 2004, Conservation Solutions, Inc. (CSI) was contracted by the Minnesota Historical Society to perform a condition survey of twentyseven different monuments installed throughout the state of Minnesota. The goal was to document the materials, installation details and conditions of the zinc, bronze, iron and stone monuments and prepare

treatment recommendations for each. Each was surveyed, measured, photographed and mapped (several were in obscure locations in abandoned cemeteries). Conditions and their likely causes were noted and recommendations made for treatment. A list was developed with priorities and cost estimates for the recommended work.

CLIENT

Minnesota Historical Society Kathryn Ludwig Contracting Officer 345 Kellogg Boulevard, West St. Paul, MN 55102 651.259.3000









Statuary Collection Conservation

Central Park, New York, NY

RELEVANCY

- CSI Conservation Project
- **Outdoor Sculptures and Monuments**
- Surveys-Condition Assessment
- Conservation Treatment
- Materials: Bronze, Granite, Marble, Limestone

New York City Parks collectively house one of the world's finest collections of outdoor sculptures and monuments (Central Park's collection is managed separately by a dedicated not-forprofit organization). The broadly dispersed collection represents a major challenge for curatorial and conservation management. Beginning in Central Park and then expanding to the city at large,

senior conservator Mark Rabinowitz, established innovative means to survey, assess, treat and maintain the entire collection. Over more than ten years, each work was brought to maintenance standards through careful conservation treatments as well as kept in excellent condition through comprehensive on-going annual assessment and maintenance.

As Director of Historic Preservation for Central Park and the Chief Consulting Conservator for the entire Parks Department, Rabinowitz was also involved in the review of new monument and public art installations. He collaborated with architects and sculptors on the design and fabrication of the Duke Ellington Memorial and the Jose de San Martin statues, as well as numerous temporary installations. He is co-author of "Today for Tomorrow:

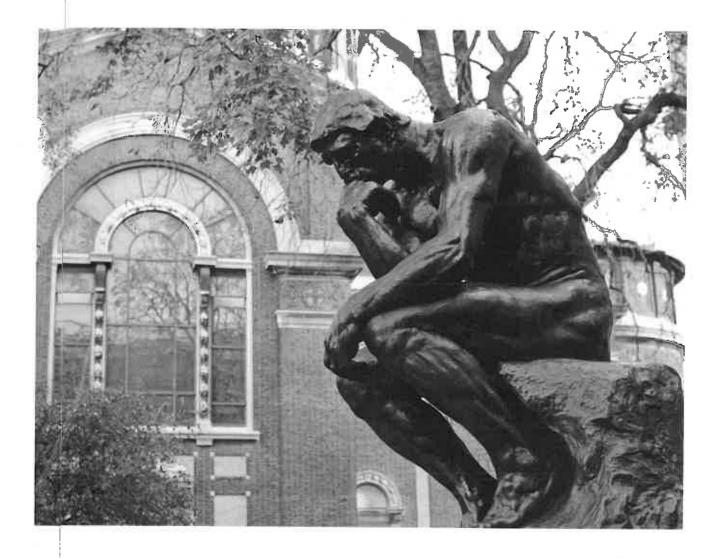
Designing Outdoor Sculpture".

More than 60 student interns from graduate programs in North America, South America and Europe were trained in conservation procedures through these programs. Contributions from major corporate and foundation supporters have maintained these long term efforts. The program's achievements have been recognized by awards from the New York City Art Commission, New York Preservation League, and Heritage Preservation/Save Outdoor Sculpture for both the programs as a whole and for individual treatments.

CLIENT

Jonathan Kuhn, Director of Arts and Antiquities, New York City Department of Parks, The Arsenal, Central Park, New York, NY 10003 jonathan.kuhn@parks.nyc.gov 212,360,3410





Columbia **University Outdoor Art Collection** Assessment & Recommendations

Central Park, New York, NY

RELEVANCY

- CSI Conservation Project
- Outdoor Sculptures and Monuments
- Surveys-Condition Assessment
- Materials: Bronze, Granite, Marble, Limestone, Steel, Concrete

Columbia University's Morningside Heights campus is recognized as one of the great urban public spaces in America. In addition to its buildings, the beautiful McKim, Mead and

White campus has been the proud home to numbers of significant sculptural works. As a result of the inevitable corrosion factors that come with placement in an urban setting. especially one in the Northeast prone to unfavorable weather conditions. many of these pieces have suffered varying degrees of deterioration, some faring better owing to their construction or to earlier conservation treatments.

Conservation Solutions, Inc. (CSI) was contracted to do a complete condition survey and treatment report for a group of twenty individual pieces on the Columbia campus. The sculptures ranged in age from constructions dating back as far as 1884 (the bronze and granite figure, Le Marteleur) and as recently as 1998 (the bronze sculpture, Life Force).

They were constructed of a wide range of materials, including bronze, limestone, marble, granite, steel and concrete.

As well as the condition reports, each piece was given a priority ranking based on the investigation's findings. Several of the works have been treated by CSI conservators during the University's on-going commitment to its collection's care.

CLIENT

Avery Architectural & Fine Art Library Roberto Ferrari, PhD, Curator 1172 Amsterdam Ave MCo301 New York NY 10027 212.854.8907 rcf2123@columbia.edu







Miami Beach Public **Art Collection** Assessment

Miami Beach, FL

RELEVANCY

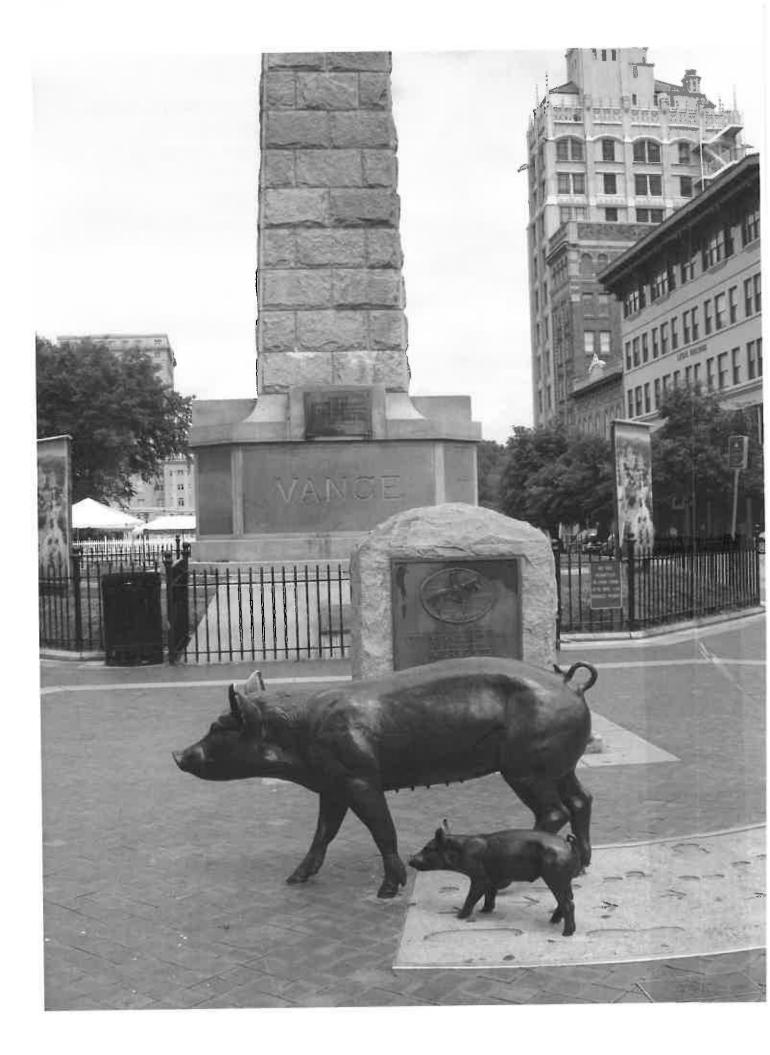
- CSI Conservation Project
- Outdoor Sculptures and Fountains
- Surveys-Condition Assessment
- Research-Documentation
- Materials: Cast Stone, Concrete, Tereazzo, Metals, Glass

The developers of the City of Miami Beach incorporated fountains and monuments into the streetscapes of the city that they built on the barrier island off South Florida. Constructed entirely of concrete. the Mediterranean Revival and Art Deco features continue to enliven the vibrant seaside community. The collection includes several sculptures as well as fountains, towers, and memorials installed throughout the city. Dating from the early to mid-20th century, these elements suffered from wear, insufficient past repairs, and exposure to the elements (including extreme events of hurricanes and automobile accidents).

Conservation Solutions, Inc. (CSI) was contracted to assess the condition of each and prepare treatment recommendations for the collection. Working with Douglas Wood Assoc. Engineers, each monument was documented and assessed. Conditions requiring treatment were noted and prioritized. Recommendations for treatment and budgetary cost estimates were prepared.

CLIENT

Wood & Associates Doug Wood 299 Alhambra Circle, Suite 210 Coral Gables, FL 33134 305.461,3450 inbox@douglaswood.biz





Public Art Collection Assessment

Ash eville, NC

RELEVANCY

- CSI Conservation Project
- Outdoor Sculptures
- Surveys-Condition Assessment
- Materials: Wood, Stine, Metals, Painted Surfaces, Mosaics

Traditional center for the arts and crafts movement in western North Carolina, the City of Asheville has made a serious effort to enrich its public spaces with commissioned works of art that tell of the city's history and culture. Although the city has several traditional monuments to military and political leaders, much of the more recently installed works

are light-hearted and idiosyncratic. They include a series of stops on an urban trail that winds through downtown with markers illustrating many aspects unique to this lovely mountain site. Set into pavements or building facades, with arrows directing the visitor and a guidebook, the works of art provide a lively decorative addition to the cityscapes.

Although mostly of recent construction, some deterioration of the collection had been noted. Acts of vandalism also led to damage and loss of elements. As part of their commitment to preservation, the city commissioned Conservation Solutions, Inc. (CSI) to survey the entire collection, catalog its component elements and materials, and provide guidance for preserving it.

All works were inspected, documented, and a catalog of the existing conditions was developed. Areas of loss or deterioration were documented. The mountings and sites were studied and recommendations were made for improvements to reduce the potential for theft or further vandalism. The severity of conditions was ranked and prioritized. Recommendations for treatment and budgetary costs were included with the report.

CLIENT

Office of the Arts City of Alexandria Diane Ruggiero, Deputy Director -Recreation, Parks & Cultural Activities Department Director 1108 Jefferson Street Alexandria, VA 22314 703.746.5590 diane.ruggiero@alexandriava.gov



Understanding

Beyer Blinder Belle Architects & Planners LLP (BBB) understands the mission of this project is to evaluate a total of fourteen (14) monuments on the WV Capitol Campus, prioritize the monuments for restoration, design and produce contract documents for such restoration efforts and produce a comprehensive Operations and Maintenance Guide for routine maintenance of each monument. Specifically, the BBB team will evaluate the current condition, provide a report detailing the condition of each monument, prepare a prioritized list for addressing restoration needs, and if the owner decides to proceed; prepare design and construction documents to effect the restoration. BBB will provide a comprehensive Operations and Maintenance (O&M) manual detailing routine care and maintenance of each monument. Evaluations, prioritizations and restorations along with the O&M manual will be fully informed by the most current Secretary of the Interior's Standards for Rehabilitation.

Project Approach

Overall Management Philosophy and Intent

Each project is unique in its combination of challenges, conditions and solutions.

Orchestrating assessments to provide valuable and clearly articulated options, accurate cost and scheduling information requires a time and project-tested team methodology. Our Consultant Team understands that conservation, preservation and rehabilitation of historic monuments requires an integrated understanding of material technology and engineering to ensure maintainability and longevity of solutions.

Our team will balance a common-sense assessment approach with scale-able, forensic analysis to determine the viability and best options that are readily achievable.

This methodology provides a proven process to achieve all five goals/objectives as it integrates our experience with similar materials and conditions, the use of a variety of non-destructive techniques, and, as a last resort, controlled and limited sampling and strategic removals.

Timing, budgets, conditions, and other drivers may change the course of the project. We anticipate that the schedule and work plan may change for these needs and will update the plan twice monthly or as needed based on the frequency of needed adjustments.

Goal /Objective 1: Evaluations and Condition Assessment

Evaluate all fourteen monuments on the WV Capitol Campus using nondestructive techniques (unless previously approved by owner) to determine current condition and restoration/maintenance needs.

The work will begin with the question "What are the root causes of the issues?"

Working with all available existing information and our survey assessment, we will come to a full understanding of the physical conditions onsite so that the problems can be addressed in a comprehensive manner. We do not want to treat the symptoms without attending to the sources of the problems as this would constitute a poor use of scarce fiscal resources. Plainly stated our team will assess and gather the existing information, perform a physical survey, and make recommendations to provide solutions to the issues related to the conditions found on each of the fourteen monuments.

Our quality assurance plan begins here and is realized through each of the five goals/objectives through established quality control means. This can include reviews, technical checking, value engineering discussions, and interim submissions and presentations. Quality control will begin with planning and quality assurance as a part of the maintained project plan. At the core of our team's approach to quality, we provide independent checks and reviews on all work and submissions. These quality

checks will be included within the work plan and scheduled to ensure adequate time is allocated. Our process ensures an integrated review that provides full coordination and detail between all disciplines.

At the onset of the project our team in conjunction with the Owner will have a clear communication structure and schedule established providing an opportunity to share the sequence of work, activities being completed and needs for any protection can be accommodated and shared with the facilities groups, the police, and the public. This regular meeting schedule continues through all all five goals/objectives. We will coordinate the access and schedule to ensure continuity of operations and maintain critical safety conditions around the perimeter of each monument as we survey and document the conditions. Should any "unsafe" conditions be found the team will appropriately develop a solution to stabilize the condition. If the issue is of a nature that will involve immediate repairs we will provide a solution and revised plan for approval and communication.

Quality Control Plan

Senior Staff Involvement – These senior members which include partners of the firm, will not just be acting as managers, but have an active involvement in the design and production of the documents and site reviews of the project, underlining our commitment to the project.

Regular Client / Consultant Meetings – Communication between all members of the design team and the client is critical to achieving quality. We have therefore proposed consultant meetings on a regular basis throughout the design phases of the project on a bi-weekly basis.

Client Involvement – We believe in close involvement of the client throughout the project from project start-up through to post construction activities. We propose:

- Client attendance at consultant meetings keeps the client apprised of issues and progress and allow quick response to issues;
- Regular formal reporting formal reporting including costs for information and review. Reports will be provided monthly and at the completion of milestones;
- A formal process for client sign-off-to ensure no confusion exists in regards to design or budget prior to proceeding to subsequent phase.

Peer Review of Drawings – Having a second pair of eyes helps to ensure coordination between ourselves and our subconsultants, such that potential design conflicts on the drawing are minimized. Any issues that the peer team identifies can be researched by our team and incorporated into the drawings as appropriate, ensuring that design discrepancies are minimized.

 $\label{lem:classical} \textbf{Clarity of the Contract Documents} - \textbf{We believe that a clear understandable and comprehensive set of Contract Documents is a key plank in our Quality Control platform.}$

RFI Process to Management of Scope Creep – We have effectively managed scope creep on complex projects, using an 'RFI Scope List' in which – on an ongoing basis over the life of the project (and particularly through SD, DD and CD) whereby we record all questions and requests that fall outside of the terms of the agreed upon scope. We will have a demonstrable record of information that empowers the Owner to understand where 'scope creep' may be starting and – more importantly – empowers the Owner to manage the expectations of its user groups / stakeholders.

Goal/Objective 2: Report and Communicate Summary of **Findings**

Provide a report in sufficient detail to document all findings of the evaluation. Structure and format of the report to be agreed between owner and successful bidder. Minimum elements of the report will include: 5 hard copies and one comprehensive electronic copy, photographic (full color) evidence, structural analysis (as applicable), utilities evaluation (as applicable), historic research, current condition narrative with specific comparison against applicable consensus standard and Secretary of Interior Standards for Rehabilitation

It is rarely the case that there is one solution to a condition. More often there are a range of solutions to be considered based on the durability, maintainability, and budget needs for a project. Each monument has varied conditions and solutions to evaluate. Throughout the design and construction process open and regular communication is included with established stakeholders via regular in-house reviews and comparisons of key project elements. These can comprise the conditions found on site, research determinations, budgets, schedules, and regulatory approvals; all of which must be considered with a view to producing a sensitive rehabilitation that sustains and supports the permanence and dignity of each monument.

Formats and documents will be outlined in advance with the team validating that the proposed format will meet the required communication needs for funding and technical documentation. We make use of site survey images, drawn details, specifications and narratives to provide technical direction for the proposed solutions. The team will review these options with the pros and cons of each to reach a concurrence on the approach to be used for each monument. This conversation will include technical commentary, estimates, maintenance needs, and other potential impacts.

Goal/Objective 3: Establish Prioritization Including Cost and Treatment

Develop a prioritized list of which monuments should be considered for restoration, a logical sequencing of restorations and an itemized estimate of restoration costs. Areas to consider in the prioritization include, but are not restricted to: current state of monument in general, structural stability, current state of the art technology to address existing issues of the monuments.

The result of the previous phase will provide recommended approaches and option to be carried forward into contract documents. It may also identify any additional testing either as a standalone effort or work to be done as a phased construction process.

Our approach is with experience and common sense to understand the potential and character of the monument and site. Our team is familiar and uses judiciously high tech diagnostic tool technologies such as thermal imagine to understand moisture migration and infiltration issues, impulse radar to identify construction types, 3D laser scanning to transition into computer documentation drawing and presentation files. The results from these are only as good as the information that is entered into them and as interpreted by our professionals. We have and will use these capabilities if needed however we will begin with an initial "general physical" for the building before proceeding into detailed testing

Goal/Objective 4: Construction Administration Services & Operations and Maintenance

If owner decides to proceed to contractual restoration/rehabilitation of any/all monuments, successful firm will, as a change order to the contract awarded as a result of this solicitation, design and produce contract documents sufficient to process through the WV Purchasing Division's current rules and regulations for competitive bidding of such restoration/rehabilitation. Firm would be most likely required to include Construction Administration services in their change order proposal. Optionally, the Owner may request that the firm prepare a solicitation package for routine Operation and Maintenance of the fourteen monuments.

Close communication on schedule and scope is critical in this phase regardless of whether our team is providing design oversight, review, and observation as construction administration or if we are providing maintenance services. Each monument project will have its detailed schedule that includes the initial kick off to share the planned schedule and activities, the submittals needed for review and approvals, any site coordination needed for events or security. We will maintain our team members to ensure consistency of intent and understanding with the project.

We are aware that external communication is often required to meet a range of needs from regulatory technical reviews to public communications and media needs. Our plan includes the development of these statements as a part of the project coordinate with the Owner.

Typically we include training for onsite facilities employees to understand the methods used whether it may be that they will perform them on an interval basis, or they will supervise the completion of the work, or they will be maintaining aspects of the work themselves. Training and orientation begins at the onset of the project with the schedule and budget. Sessions are integrated into the contractor schedule to ensure that all needed staff are included.

Goal/Objective 5: Operations and Maintenance Manual

Produce a comprehensive Operations and Maintenance Manual addressing all fourteen monuments and routine care and maintenance required of each. Areas to consider in the O&M Manual include but are not limited to: specific tasks, specific frequencies (considering carefully the need to not conduct excessive actions leading to deterioration over time), specific materials, specify which consensus standard is relied upon in each case or designate as recommended best practice (where this is relied upon, document basis for this best practice).

We will work with you at the onset of the project to set the intended format of this document. This ensures that the information collected and the decisions made are included in the manual so that a best practices methodology can be maintained. This means that options not selected can be included and the rational and evaluation that led to their elimination is there for any future discussion. We have found that it is as important to include the decided upon solution as it is to include a summary of options not used with the rational for their elimination.

The selected processes and requirements are organized in a consistent manner that works with the State standards and format for documentation. Drawings, specifications, submittals, product data, cut sheets, OHSA, and hazardous materials information are all included within the Manual. A schedule for recommended treatments keyed to the methodologies is used to provide assistance to maintenance schedules for the entire Capitol Campus and to aid in budgeting and staffing. A separate appendix is included for each monument to provide visual and narrative of typical condition issues found before the intimal project so that repetitive conditions and their treatments can be easily recognized and completed.

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References

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ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.: GSD1600000008

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum	Numbers	Received:
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(Check the box next to each addendum received)

[]	X]	Addendum No. 1	[]	Addendum No. 6
[J	Addendum No. 2	[]	Addendum No. 7
[]	Addendum No. 3	[J	Addendum No. 8
[J	Addendum No. 4	[]	Addendum No. 9
Γ	1	Addendum No. 5	ſ	1	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

06-13-16

Date

NOTE This addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Centralized Expression of Interest 02 — Architect/Engr

Proc Folder: 204522

Doc Description: Addendum 1 - EOI WV Capitol Campus Monument Restoration

Proc Type: Central Contract - Fixed Amt

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PURCHASING DIVISION

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u# 01-3002436

DATE 6-13-16

offers subject to all terms and conditions contained in this solicitation

Page: 1

FORM ID: WV-PRC-CEOI-001

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Addendum 1 - Issued for the following reasons:

- 1. To modify the bid opening date and time to 06/14/2016, 1:30 p.m. EST.
- 2. To modify Section 3, Subsection 4.4 (Goal Objective 4) and Section 4, Subsection 3.4 (Vendor Ranking) of the Specifications, copy attached
- 3. To publish a copy of the vendor questions with responses.

No other changes.

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1	EOI WV Capitol Campus M Restoration	lonument		
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Extended Description:

EOI WV Capitol Campus Monument Restoration, Online Responses Prohibited

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
	Question Submission Deadline 5:00 p.m.	2016-05-26

	Document Phase	Document Description	Page 3
GSD1600000008	Final	Addendum 1 - EOI WV Capitol Campus	of 3
		Monument Restoration	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions