



Matthew J. Bell, AIA

Principal

Matthew Bell has been a practicing architect and professor of architecture for over 20 years. His broad range of national and international architectural and urban design experience ranges from small-scale buildings and studies for existing neighborhoods to the design and implementation of new towns, campuses and cities. Creating a diverse portfolio of work has led Mr. Bell to develop unique insights into the urban-environment and design-issue challenges facing our cities, towns, and universities. As a practicing architect at Ehrenkrantz Eckstut & Kuhn Architects, he is involved in designing college towns and campuses.

As Associate Professor at the University of Maryland's School of Architecture Planning and Preservation, Mr. Bell's focus is on town planning, urban design and leading the urban design curriculum at all levels of the program. He also directs the school's efforts in the revitalization of Castellamare di Stabia, Italy, which has included projects for a new archeological park, infill development for the historic center and transit-oriented development.

HONORS & AWARDS

APA, VA Chapter, Outstanding Master Plan, Eisenhower East Small Area Plan, 2004
American Institute of Architects, Potomac Valley Chapter
Honor Award, National Cathedral Master Plan, 2000
AIA, Urban Design Honor Award, Bahcesehir, Turkey, 1999
King Farm, Rockville, MD, Congress for the New Urbanism, Charter Award, 2000

REGISTRATION

District of Columbia

EDUCATION

Cornell University, Master of Architecture in Urban Design, 1989
University of Notre Dame, Bachelor of Architecture, 1983

PROFESSIONAL ACTIVITIES

University of Maryland, School of Architecture
Associate Professor with Tenure, 1989-Present
University of Miami, Part-time & Visiting Appointments, 1992-1996
Cornell University, Department of Architecture
Lecturer, 1987-89, Visiting Critic, 1988
Congress for the New Urbanism, Charter Member
Neighborhood Design Center of Baltimore, MD, President, 1997-1998
Mayor's Institute on City Design Northeast, Director, 1994-1999
Restoring Ancient Stabia, Castellamare di Stabia, Italy
RAS Foundation Vice President, 2003-Present

RELATED EXPERIENCE

Binghamton University, Site Improvements Plan, Binghamton, NY
George Washington University, Foggy Bottom Campus Plan, Washington, DC
George Mason University Southwest Sector Plan, Fairfax, VA
Pratt Institute Historic Preservation Plan, Brooklyn, NY
University of Maryland, East Campus, Mixed-use Urban Design, College Park, MD
University of Maryland, South Gate District Plan, College Park, MD
University Woods at Catholic University, Washington, DC
Washington's Hill East Waterfront, Washington, DC
West Hyattsville Metro Station, Master Plan, Hyattsville, MD
Eisenhower East, Master Plan, Alexandria, VA

Marsha Lea, ASLA, LEED AP

Principal

Education

Bachelor of Science (Honors), Landscape Architecture, University of Wisconsin, 1976

Professional Registrations

Landscape Architecture:
MD, 1983; VA, 1994

Accreditation

LEED AP

Affiliations

American Society of Landscape Architects (ASLA)
Society for College and University Planners (SCUP)
American Association of Botanical Gardens and Arboreta (AABGA)
National Recreation and Park Association (NRPA)

Awards + Honors

Award of Honor: Landscape Architecture,
Katzen Arts Center at American University, Inform Magazine, 2009
Honor Award, Norfolk Botanical Garden Children's Garden, ASLA
Potomac/Maryland Chapter, 2008
Award of Merit for Community Properties, North Carolina Museum of Life and
Science "Explore the Wild" Exhibit, Durham City-County Appearance
Commission, 2007
Traveling Award, National Museum of the American Indian, ASLA
Potomac/Maryland Chapter, 2006
Grand Honor Award, Katzen Art Center, American University, Potomac Valley
AIA, 2005
Executive Award for Implementation, Montgomery College Facilities Master
Plan, National Capital Area Chapter, American Planning Association, 2005
Award of Merit for Outstanding Achievement in Architecture, Katzen Art
Center, American University, Washington Chapter of The American Institute of
Architects, 2005
Traveling Award, Smithsonian Mall-Wide Perimeter Security Master Plan,
Washington, DC, ASLA Potomac/Maryland Chapter, 2004

Publications + Technical Papers

Title of Article/Publication, Role (author, co-author, editor), Journal/Magazine
name or publisher, Month, Year

Presentations

Green Infrastructure, National Recreation and Park Association Conference,
2007
Security Design in 2006: The Hardened Streetscape, National ASLA
Conference, 2006
Site Security in 2005: New Guidance, Best Practices, National ASLA, 2005

Ms. Lea is a Principal with AECOM, where she has worked since 1993. She is a senior landscape architect with over 30 years of experience, contributing her expertise in the planning and design of museum, memorials, university campuses, streetscapes and parks and recreational facilities. She has extensive experience in projects requiring a sensitive approach to community and agency approvals. She has provided expert testimony before the DC zoning commission related to campus planning projects on several prior occasions.

Project Experience

Katzen Arts Center, Washington, DC

Project Manager. Provided landscape and open space design services for the new Katzen Arts Center which overlooks Glover Gate, the main campus entrance, and historic Ward Circle.

American University School of International Service, Washington, DC

Project Manager. Schematic site and landscape design for new academic building, located on top of a multi story parking garage. The project was designed to Silver LEED rating.

Howard University Undergraduate Men's Live and Learn Center, Washington, DC

Principal in Charge. Working with a team of architects, AECOM prepared the schematic design for a new undergraduate Men's Live and Learn Center to be built on a vacant site between the stadium and the student center. AECOM's proposal transforms a vehicular corridor into a dynamic pedestrian focused outdoor space reinvented as a pedestrian promenade with lighting, banners and special paving to enliven the route to stadium seating, the Blackburn Center and the proposed Live and Learn Center.

American University Schematic Design for the Campus Loop Road + McKinley Quadrangle, Washington, DC

Landscape Designer. AECOM is developing the design of a new campus loop road to relocate automobile traffic from the center corridor of American University's campus to the perimeter. Creation of the loop road will be accompanied with the removal of surface parking and the creation of a new quadrangle, linking the academic and residential core of campus with athletic and recreational areas.

University of Wisconsin Old Main Site Master Plan, Stevens Point, WI

Project Landscape Architect. This master plan for the University of Wisconsin was completed for the wooded grounds around this historic building. The Old Main site is designated for expansion, and currently houses administrative and classroom space. The site is heavily used by students as an outdoor study area, recreation space, and as a major pedestrian link to off-campus residential areas.

Montgomery College College-wide Master Plan, Montgomery County, MD

Principal. AECOM developed the master plans for three community college campuses. The master plan for the expansion of the Takoma Park campus re-oriented existing buildings around a new open space core and created three new building sites. The team's solution to the Rockville Campus was to recommend obsolete and inefficient buildings for demolition, existing buildings for renovation and new uses, construction of parking garages on existing surface parking lots and the construction of a new library and a science building organized around a new green space that will become the front entrance to the campus. The Germantown Campus plans address connectivity between the nearby Bio Tech Park and the campus and has a planned expansion.

Gallaudet University Master Plan, Washington, DC

Principal. Responsible for the development of the open space component of a master plan for the nationally-known historic, Frederick Law Olmsted-designed university campus originally designed for and always occupied by a predominantly hearing-impaired student body.

Lee Hall at University of Mary Washington, Fredericksburg, VA

Principal in Charge. AECOM was involved with the renovation of the student center at Mary Washington College which

included an outdoor café, universally accessible entrance and a new plaza.

Catholic University Master Plan, Washington, DC

Project Manager. Masterplan update for Catholic University's historic urban campus in Washington, DC, undertaken in response to the university's development of new strategic and academic plans and the ten-year cycle of approval required of academic institutions in the District of Columbia.

Azerbaijan Diplomatic Academy, Baku, Azerbaijan

Principal in Charge. Established in 2007 to train students in Western-style diplomacy, the Academy engaged AECOM to create an entirely new "green" campus inspired by several Western models and to be located in a park setting. The objective is to establish an attractive environment where people are invested in campus life and have extensive opportunities for positive interaction and the open exchange of ideas in a comfortable setting. Campus facilities include residence halls for students and faculty, a library, an academic building with underground parking, and a student center with conference facilities. Sustainable design principals are incorporated into the campus plan including the use of renewable sources of energy (geo-thermal and wind) porous paving and locally available materials, and native plantings coupled with tree preservation.

University of Wisconsin at Stevens Point Master Plan, Stevens Point, WI

Principal in Charge. AECOM teamed with Ken Saiki Design to prepare a 20-year master plan for this campus of 8,500 students. Key design principles of the master plan include creating a sustainable campus in a 24-hour a day, 7-day a week environment with a focus on wellness. Improving and updating the existing residence halls and providing additional on-campus housing was a key component of the plan.

American University Campus Plan 2000, Washington, DC

Project Manager. This series of consecutive projects included assisting the university with a 10-year master plan update and submission to The District; and the preparation of master plan and design guidelines for the renovation of key open spaces, including the Friedheim Quadrangle, the campus perimeter and related campus open spaces.



KYLE OLIVER, PE

Managing Member

YEARS OF EXPERIENCE: 18

Mr. Oliver has overseen, directed and managed more than 200 residential, mixed-use, hotel and commercial developments in the District of Columbia. HE has also overseen numerous PUD and BZA projects in the District as well. He is a licensed Professional Engineer in the District of Columbia and Virginia. Mr. Oliver's experience includes providing: complete site/civil structural engineering plans; infrastructure, master planning, roadway, pavement, sewer, water, storm drainage, and, stormwater management plans; grading plans; erosion and sediment control plans; environmental assessments; and, feasibility analyses.

AREAS OF PROFESSIONAL COMPETENCE:

- Low Impact Development (LID) design of stormwater management systems and civil and landscape site design elements
- Research, planning and design of storm drainage systems and stormwater management facilities, flood plain analysis, storm drain systems, and Hydrology analysis
- Design of sanitary sewer systems and water supply systems
- Design of soil erosion and sediment control programs, preparation of plans processing and jurisdiction approval
- Maintenance of traffic plans
- Planning and design of residential and commercial redevelopment and rehabilitation projects
- Construction administration and evaluation of infrastructure, residential, commercial and government projects

Associate Principal-in-Charge — Southeast Federal Center – The Yards, SE – PUD and Final Site Plans: Washington, DC

Provided surveying and civil engineering services for infrastructure, master planning and individual building parcels. Southeast Federal was rezoned through the PUD entitlement process. Much of this project site was added to the National Register of Historic Places and includes *six (6) historic structures* — Lumber Storage Shed (Building 173), Gun Assembly Plant (Building 202), Boiler Maker Shop (Building 167), Sentry Tower, Transportation Repair Shop (Building 74), and Pattern Joiner Shop (Building 160). The site surrounds the District of Columbia Water and Sewer Authority (DCWASA) pumping station and is bordered by the Anacostia Navy Yard. Mr. Oliver was responsible for designing all roads leading to and access points surrounding DCWASA's existing facility and all of the new public streets. Coordinated floodplain mitigation and floodwall design with the construction company, created overlaying zoning districts and coordinating with other consultants. Services included three (3) sets of infrastructure construction plans, including 320,000 square feet of roadway over approximately 40 acres. Southeast Federal Center is a huge public-private partnership that spans 40 acres and includes 1.8 million square feet of office space; 2,800 residential units; 160,000-350,000 square feet of retail space; and, a 5.5-acre riverfront park. Project included Low Impact Development (LID) bioretention tree pits for street trees in residential parcel.

Associate Principal-in-Charge — Sidwell Friends Middle School, NW - BZA and Final Site Plan: Washington, DC

- **First LEED platinum-rated K-12 school in the world**
- **First LEED platinum-rated building in Washington, DC**
- On-site constructed wetland treats wastewater for reuse in the commodes and cooling towers that reduces municipal water use
- Includes green roof and outside bioretention area that reduces stormwater runoff and improves the quality of infiltrated runoff

Provided civil engineering services for this renovation and 39,000 square foot addition project included: topographic survey; Special Exception submittal; schematic design; Board of Zoning Adjustment (BZA) Site Plan; final site plan; utility plan; LEED coordination; soil erosion and sediment control plan; special tree delineation; concept and final stormwater management plan; on-site paving and storm drainage plan; stormwater management easements; landscape plan coordination; assisted in plan approval processing through various agencies; District of Columbia Water and Sewer Authority (DCWASA) utility & water and fire coordination; and, subsurface utility investigation and mapping.



KYLE U. OLIVER, PE
Managing Member, continued

Associate Principal-in-Charge — Art Place + Shops at Fort Totten, NE - Planned Unit Development (PUD): Washington, DC

Provided PUD site plan design for this 16 acre mixed-use development. Services included: preparation of consolidated and preliminary Planned Unit Development (PUD) plans; site plans; stormwater management planning and design; sediment and erosion control design; water, sewer, and storm drain design; and, coordination with various District of Columbia agencies, that included District of Columbia Department of Transportation (DDOT), District of Columbia Office of Planning, District of Columbia Department of the Environment (DDOE), and District of Columbia Water and Sewer Authority (DCWASA).

Associate Principal-in-Charge — Village at Washington Gateway, NE - Planned Unit Development (PUD) and Final Site Plan: Washington, DC

Provided professional surveying, civil engineering and landscape architectural services related to the development of Planned Unit Development (PUD) located at Fort Lincoln Drive and Commodore Joshua Barney Drive, NE. The project includes 357-townhouse units and townhouse-style condominiums on 23-acres. Services for the development and related site improvements included: preliminary site and utility plans; PUD site plan; PUD landscape plan; preliminary subdivision and earthwork plans; bid plans; PUD and citizen meetings and processing; stormwater management waiver and concept plan; street realignment; site and utility plan; utility coordination; soil erosion and sediment control plan; landscape plan; easement documents; plat of computation; traffic control plan; public space plans; storm drain coordination; stakeout; tree locations and relocations; Low Impact Development (LID) design and coordination; and, construction administration.

Associate Principal-in-Charge — Fort Lincoln Premium Distributors, NE - PUD & Final Site Plan: Washington, DC

Services for this Planned Unit Development (PUD), located across from the Village of Washington Gateway Retail Center, included preparation of construction documents for a 164,000 square foot warehouse distribution center with 32,000 square feet of administrative offices. Responsible for: proposed and final site design; design of storm drain, water, and sanitary sewer; sediment and erosion control plan; and stormwater management pond plans. Concerns about drainage issues near pristine wetlands required meetings and coordination with National Park Service, National Capital Area Land Use Division.

Senior Associate-in-Charge — United States Secret Service, J. J. Rowley Training Center – Master Planning and Final Site Plan: Beltsville, MD

Provided complete site master planning, grading, paving, roadways, utilities and landscaping, including topographic surveys, construction drawings and specifications for 480-acre government training facility. Responsible for the civil engineering, landscape and surveying elements involved with the master plan, topographic survey and Phase 1 & 2 construction documents.

The design of this project included: 11 miles of roads; a simulated airport apron; a K-9 holding facility and training area; instinctive firing range; counter sniper range finding course; protective driver training area; sewer pump station; water storage tank and pump station; outdoor training and tactical response areas; and, two (2) stormwater storage ponds.

Senior Associate-in-Charge — Faircrest/ Centreville Farms – Infrastructure, Public Roadway Plans, and Regional Pond Site Plan: Fairfax County, VA

Served as the design engineer for 161-acre development and approximately 6,200 feet of the four (4) lane major and minor arterial roadway construction of Centreville Farms Road from the Route 29-Union Mill Road intersection north to Stringfellow Road-Route 645. The project included surveying and design to widen the existing State Route 29-211 and collector streets, to include accommodating additional through turning lanes and pavement relocation lane transitions. The two-phase site plan included culvert design at two (2) stream crossings, coordination of two (2) major floodplain



KYLE U. OLIVER, PE

Managing Member, continued

studies, and the concentrated coordination effort with the proposed development of ten (10) adjoining land bays. This project also required major utility relocations and providing a regional stormwater management pond for a 250-acre area of Fairfax County.

Services included: utility relocation; lane realignment; pavement design; dedication platting; and, assisting in all environmental permit processing and permit processing. Mr. Oliver was responsible for the coordination of additional transportation consultants, including signalization warrant studies and design.

ACADEMIC ACHIEVEMENT:

- Bachelor of Science, Civil Engineering, Virginia Military Institute

REGISTRATIONS:

- District of Columbia — Registered Professional Engineer #900770
- Virginia — Registered Professional Engineer #032744

PROFESSIONAL ACTIVITIES:

- District of Columbia Building Industry Association, Member

**JAMI L. MILANOVICH, P.E.
SENIOR ASSOCIATE**

PROFILE:

Ms. Milanovich has 14 years of experience in a wide range of traffic and transportation projects including: traffic impact studies, corridor studies, parking analyses, traffic signal design, intersection improvement design, and signing and pavement marking design. She has worked for both public and private sector clients.

EXPERIENCE:

Traffic Impact Studies. Conducted numerous traffic impact studies in support of rezoning, planned unit development, special exception, and site plan approvals for large and small residential, commercial, office, retail, and institutional developments in the mid-Atlantic region. Her work includes experience in Pennsylvania, Virginia, Maryland, and Washington, D.C. Specific Washington, D.C. projects include the following:

- ◆ 2013 H Street Transportation Impact Study (HSC Foundation)
- ◆ Connecticut Avenue Walgreens Transportation Impact Study
- ◆ Transportation Impact Study for Abdo New York Avenue Site
- ◆ Traffic Impact Study for the Fort Lincoln New Town Townhomes
- ◆ Transportation Impact Study for the Village at Washington Gateway
- ◆ City Homes at Fort Lincoln Transportation Impact Study
- ◆ Traffic Impact Study for the Emerson Street Townhouses
- ◆ Fort Totten Apartments Traffic Impact Study
- ◆ Transportation Impact Study for Square 54
- ◆ Rosemount Center Traffic and Parking Study
- ◆ Sidwell Friends School Transportation Study
- ◆ Traffic and Parking Study for the Broad Branch Market and Child Development Center
- ◆ Square 486 Traffic Impact Study
- ◆ Squares 483 and N-515 Traffic Impact Study
- ◆ Traffic Impact Study for the Tilden Street PUD
- ◆ Fannie Mae Headquarters Transportation Impact Study
- ◆ Friends of Saint Patrick's Transportation Impact Study
- ◆ Transportation Impact Study for the School without Walls
- ◆ Transportation Impact Study for the George Washington University Campus Plan: 2005-2026
- ◆ 2201 M Street, NW Transportation Impact Study

Corridor Studies. Conducted several corridor studies, which have evaluated the effects of various geometric and traffic signal system improvements on specific corridors. She has utilized Synchro and SimTraffic software to both analyze the potential improvements and make presentations for agencies and the general public.

Traffic Signal Design. Prepared numerous traffic signal designs for new installations and modifications to existing installations, including the development of coordination timings for interconnected intersections. Her work has included preparation of signal permit drawings for state agencies and construction drawings for contractors.

Intersection Improvements. Prepared many intersection improvement plans throughout Pennsylvania, often in conjunction with traffic signal designs. Design of intersection improvements typically consists of roadway widening, drainage improvements, utility coordination, maintenance and protection of traffic considerations, and signing and pavement marking plans.

Traffic Calming Studies. Investigated traffic calming measures to reduce travel speeds and "through" traffic on residential streets. Alternatives included chicanes, chokers, diverters, speed tables, and one-way street options.

Interchange Justification Studies. Prepared Point of Access Study for the completion of the partial diamond interchange for submission to the Pennsylvania Department of Transportation and the Federal Highway Administration. Study included an origin-destination study and capacity/level of service analyses at eight intersections and an inventory of existing and approved developments within the study area. Data analyses were conducted for scenarios with and without the proposed interchange.

Origin-Destination Studies. Conducted several origin-destination studies as part of larger projects to determine travel patterns through specific areas. Methods used included license plate matching, post-card surveys, personal interviews, and car-following.

Speed Limit Studies. Conducted speed limit for two-lane, rural roadways in Pennsylvania. Methodology utilized was safe running speed method in accordance with ITE guidelines.

EDUCATION: Master of Engineering, The Pennsylvania State University, University Park, Pennsylvania, December 2000

Bachelor of Science, Civil Engineering, The Pennsylvania State University, University Park, Pennsylvania, May 1995

REGISTRATIONS: Registered Professional Engineer: Pennsylvania; Virginia; Washington, D.C.

AFFILIATIONS: Institute of Transportation Engineers

EMPLOYMENT HISTORY

2003 - Present **Wells & Associates, Inc.**
McLean, Virginia
Senior Associate

1997 - 2003 **Herbert, Rowland & Grubic, Inc.**
Harrisburg, State College, and Pittsburgh, Pennsylvania
Traffic Engineer

Ms. Milanovich was a project manager responsible for the preparation of traffic engineering studies, traffic signal design, and intersection improvement designs.

1995 - 1997 **Transportation Resource Group, Inc.**
York, Pennsylvania
Traffic Engineer-in-Training

Ms. Milanovich was responsible for data collection efforts and conducting traffic engineering studies. Her duties also including overseeing technical support staff.

10 March 2010



BIO: CARL ELEFANTE, FAIA

Carl Elefante, FAIA, LEED AP, is Director of Sustainability for QUINN EVANS | ARCHITECTS, with offices in Washington DC and Ann Arbor, Michigan, and serves as design principal for a broad spectrum of projects, including architecture, historic preservation, and community revitalization.

Mr. Elefante lectures on historic preservation and sustainable design topics, including recent programs at the American Institute of Architects, United States Green Building Council, National Trust for Historic Preservation, Association for Preservation Technology International, Heritage Canada Foundation and US National Park Service.

Mr. Elefante served on the Sustainable Communities Task Force of President Clinton's Council on Sustainable Development (PCSD) in 1994 & 5. Mr. Elefante was the 2009 President of the Potomac Valley Chapter of the American Institute of Architects and a founding board member of the National Capital Region Chapter of the United States Green Building Council. Mr. Elefante served on the District of Columbia Green Building Task Force and Montgomery County, Maryland, Sustainability Working Group, and currently serves on the Montgomery County Zoning Advisory Panel. Mr. Elefante sits on the Board of Directors of the Association for Preservation Technology International where he also served as co-chair of the Sustainable Preservation Technical Committee from 2005-8.

Mr. Elefante attended Pratt Institute School of Architecture and received a Bachelor of Architecture from the University of Maryland School of Architecture, Planning, and Preservation in 1980.

Representative projects include:

Franklin Court Museum

Completion: 2011
Location: Philadelphia, Pennsylvania
Project Cost: \$ 7.5 million

Project Description: renovation of the underground museum and courtyard entry building located at the site of Benjamin Franklin's Philadelphia home. Part of Independence National Historical Park, Franklin Court is Benjamin Franklin's Monticello. For the bicentennial, Robert Venturi interpreted the site by creating his iconic "ghost house" which received the Presidential Design Award in 1984. The Franklin Court Museum provides a 21st century visitor experience about Franklin's life and legacy.

American University School of International Service

Completion: 2010
Location: Washington, DC
Project Cost: \$ 35 million

Project Description: occupying the last site on American University's central campus quadrangle, the School of International Service provides classrooms, faculty and administrative offices for AU's largest academic department. Guided by a mission for international peace and justice, the School's new building embodies sustainability's triple bottom line: environment, economy and social equity. William McDonough + Partners served as design architects for the project.

HD Cooke Elementary School

Completion: 2009
Location: Washington, DC
Project Cost: \$ 28 million

Project Description: comprehensive renovation of the historic Cooke Elementary School and addition of a gymnasium / multi-purpose wing. As one of the first public buildings designed under the DC Green Building Act, this renewal and expansion project serves as a model of sustainable stewardship, preserving an important community resource while transforming it into a 21st century educational environment for the District of Columbia Public Schools.



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Sant Ocean, National Museum of Natural History, Smithsonian Institution

Completion: 2008

Location: Washington, DC

Project Cost: \$ 17 million

Project Description: comprehensive restoration and modernization of the central galleries of the historic Natural History Building located at the heart of Washington's National Mall. The rehabilitation re-establishes the architectural power of the beaux arts building while "invisibly" inserting contemporary museum services and high-performance systems. The renovated halls house the Ocean Exhibit, the Smithsonian's most recent major permanent exhibit.

AIA Headquarters Renewal Master Plan

Completion: 2007

Location: Washington, DC

Project Cost: n/a

Project Description: to establish a framework for long-term re-investment in the American Institute of Architects Headquarters, QUINN EVANS | ARCHITECTS prepared a renewal master plan that established a program for stewardship and modernization, assessed the appropriateness of headquarters facilities for creating a healthy and collaborative workplace environment for AIA staff and partner organizations, maximized space use, and tested strategies that "walk-the-walk" on AIA environmental policies, particularly the Architecture 2030 Challenge.

Peabody Institute Renovations, Johns Hopkins University

Completion: 2004

Location: Baltimore, Maryland

Project Cost: \$ 27 million

Project Description: rehabilitation of the historic Peabody Conservatory and Library building including the addition of a network of public arcades, expanded music education and patron facilities in both newly-created and renovated spaces, and modernization of the building's systems. The project "opens" the Peabody campus to the community, integrates the elements of Peabody's urban campus, and raises the level of the music education and performance facilities to one appropriate for America's oldest music conservatory.

Dana Building, School of Natural Resources and Environment, University of Michigan

Completion: 2003

Location: Ann Arbor, Michigan

Project Cost: \$ 13 million

Project Description: rehabilitation and "greening" of the historic S.T. Dana Building located in the heart of Michigan's historic central campus. The project increased usable space by converting the central courtyard into an atrium and adding a partial floor to the top of the building. The greening agenda was comprehensive, incorporating high-performance mechanical and electrical systems, innovative water-conservation technologies, a spectrum of green materials, and many other sustainable design strategies usually associated only with new construction. The Greening of Dana project serves as a powerful sustainable preservation case study.

Downtown Revitalization Master Plan

Completion: 2003

Location: Salem, New Jersey

Project Cost: n/a

Project Description: facing challenges from significant disinvestment in the community, Salem's Downtown Revitalization Master Plan defined a framework for re-establishing a viable and livable town core. The Plan painted a vision for consolidation and growth by capturing the best qualities of traditional development patterns. Nearly \$50 million dollars has been re-invested in Salem since the adoption of the Revitalization Plan.

