LAKE MONONA WATERFRONT DESIGN CHALLENGE RFQ

JAMES CORNER FIELD OPERATIONS

HIGH LINE
NEW YORK, NY

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JAMES
CORNER
FIELD
OPERATIONS

May 2, 2022

Mr. Brian Pittelli
City of Madison Purchasing Services
City-County Bldg, Room 407
210 Martin Luther King, Jr. Blvd.
Madison, WI 53703-3346

RE: Lake Monona Waterfront Design Challenge RFQ

Dear Mr. Brian Pittelli,

It is with great pleasure that James Corner Field Operations submits our qualifications for the Lake Monona Waterfront Design Challenge. This project presents an extraordinary and significant opportunity for the City of Madison to transform its waterfront into a connected, resilient, and equitable community space that authentically reflects the cultural vitality of the city. Madison's waterfront park can and should be a world-class destination that capitalizes on the city's growth, innovation, and momentum.

We are inspired by the unique nature of this project, as well as the City of Madison's primary goals to create a welcoming destination for all Madison residents and visitors, connect Downtown Madison to Lake Monona, enhance community connections, increase physical and visual access to the lake, improve Lake Monona's water quality and aquatic habitat, celebrate Frank Lloyd Wright's architectural legacy in Madison, and preserve Lake Monona's cultural history from the Ho-Chunk Nation to the present day. These goals, together with the guiding principles established to achieve them—Master Plan Vision, Racial Equity and Social Justice, Sense of Place, Community Connections, Lake Access, Sustainability, Public Space, Public Art, Education, Economic Opportunity, and Design for Philanthropy—deeply resonate with our design philosophy and previous experience. We believe this project requires creativity, focus, and commitment to get it right.

Field Operations is an internationally recognized, award-winning landscape architecture, public realm, and urban planning practice known for our experience creating leading-edge, well-crafted, and responsive design solutions that are holistic, innovative, pragmatic, and integrated. We have a special commitment to the design of vibrant and dynamic open spaces, informed by the interactive ecology between people and nature. Our extensive experience with sites of similar groundbreaking aspirations, civic significance, and technical challenges, as well as our commitment to innovative public space design, sustainability, the promotion of health and well-being, and economic revitalization make us an ideal match for the Lake Monona Waterfront project. Major relevant projects include the High Line and Brooklyn Riverfront Park in New York City, Navy Pier in Chicago, Central Waterfront in Seattle, and Shelby Farms Park in Memphis, among countless others.

These projects attract people and provide them with generous activities, exceptional views, and highly social spaces that encourage them to linger and return, creating memorable places of lasting distinction which are rooted in their site and place.

Together, Field Operations and its core team of subconsultants (MSA, Quinn Evans, Anchor QEA, Toole Design Group, and CCS), as well as a curated group of specialist advisors (Hilary Dugan, HR&A Advisors, Pentagram, ETM Associates, and LCM Architects), bring deep knowledge of Madison and its lakes. Our team brings this knowledge alongside expertise in cutting-edge solutions to sustainable urban environments, placemaking, resiliency planning, multimodal and micro transit solutions, shoreline engineering, limnology, architecture and cultural landscapes, creative engagement, programming, equitable development, revenue generation, park operations and maintenance, and universally accessible design.

We imagine the Lake Monona Waterfront as a place that prioritizes both people and the environment—one that is both functional and deeply stimulating; one that unifies the existing site, connects with the community, provides a framework for implementing future projects, and reflects the City's highest aspirations to nurture, grow, and inspire its community.

We are energized and passionate about this project and hope that we are successful in being selected to move forward with the City of Madison.

Sincerely,

James Corner, RLA
Founder and CEO, Field Operations

Sarah Astheimer
Principal, Field Operations

DOMINO PARK
BROOKLYN, NY

FORMS

Form A: Signature Affidavit

RFQ #:10082-0-2022-BP

This form must be returned with your response.

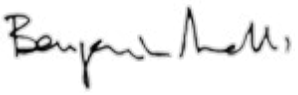
In signing Proposals, we certify that we have not, either directly or indirectly, entered into any agreement or participated in any collusion or otherwise take any action in restraint of free competition; that no attempt has been made to induce any other person or firm to submit or not to submit Proposals, that Proposals have been independently arrived at, without collusion with any other Proposers, competitor or potential competitor; that Proposals have not been knowingly disclosed prior to the opening of Proposals to any other Proposers or competitor; that the above statement is accurate under penalty of perjury.

The undersigned, submitting this Proposals, hereby agrees with all the terms, conditions, and specifications required by the City in this Request for Proposals, declares that the attached Proposals and pricing are in conformity therewith, and attests to the truthfulness of all submissions in response to this solicitation.

Proposers shall provide the information requested below. Include the legal name of the Proposers and signature of the person(s) legally authorized to bind the Proposers to a contract.

James Corner Field Operations

COMPANY NAME



SIGNATURE

May 2, 2022

DATE

Ben Nicholls

PRINT NAME OF PERSON SIGNING

Form B: Receipt of Forms and Submittal Checklist

RFP #:10082-0-2022-BP

This form must be returned with your response.

Proposers hereby acknowledge the receipt and/or submittal of the following forms:

Forms	Initial to Acknowledge SUBMITTAL	Initial to Acknowledge RECEIPT
RFQ Description of Services/Commodities	N/A	BN
Form A: Signature Affidavit	BN	BN
Form B: Receipt of Forms and Submittal Checklist	BN	BN
Form C: Proposer Profile	BN	BN
Form D: Fee Proposal	N/A	N/A
Form E: References	BN	BN
Appendix A: Standard Terms & Conditions	N/A	BN
Appendix B: Contract for Purchase of Services	N/A	BN
Addendum #	N/A	N/A
Addendum #	N/A	N/A
Addendum #	N/A	N/A
Addendum #	N/A	N/A

VENDOR NAME

James Corner Field Operations

COMPANY NAME

Form C: Proposer Profile

RFQ #:10082-0-2022-BP

This form must be returned with your response.

COMPANY INFORMATION

COMPANY NAME (Make sure to use your complete, legal company name.) James Corner Field Operations			
FEIN 20-0246128	(If FEIN is not applicable, SSN collected upon award)		
CONTACT NAME (Able to answer questions about proposal.) Ben Nicholls	TITLE Director of Business Development		
TELEPHONE NUMBER (212) 433-1450 x215	FAX NUMBER (212) 433-1451		
EMAIL bnicholls@fieldoperations.net			
ADDRESS 2400 Market Street, Suite 271	CITY Philadelphia	STATE PA	ZIP 19103

AFFIRMATIVE ACTION CONTACT

The successful Contractor, who employs more than 15 employees and whose aggregate annual business with the City for the calendar year, in which the contract takes effect, is more than twenty-five thousand dollars ($25,000), will be required to comply with the City of Madison Affirmative Action Ordinance, Section 39.02(9) within thirty (30) days of award of contract.

CONTACT NAME Geena Boscacci	TITLE Business Operations Manager		
TELEPHONE NUMBER (212) 433-1450 x302	FAX NUMBER (212) 433-1451		
EMAIL gboscacci@fieldoperations.net			
ADDRESS 475 10th Avenue, 9th Floor	CITY New York	STATE NY	ZIP 10018

ORDERS/BILLING CONTACT

Address where City purchase orders/contracts are to be mailed and person the department contacts concerning orders and billing.

CONTACT NAME Joanna Famm	TITLE Director of Finance		
TELEPHONE NUMBER (212) 433-1450 x305	FAX NUMBER (212) 433-1451		
EMAIL jfamm@fieldoperations.net			
ADDRESS 475 10th Avenue, 9th Floor	CITY New York	STATE NY	ZIP 10018

LOCAL VENDOR STATUS

The City of Madison has adopted a local preference purchasing policy granting a scoring preference to local suppliers. Only suppliers registered as of the bid's due date will receive preference. Learn more and register at the City of Madison website.

CHECK ONLY ONE:

☐ **Yes,** we are a local vendor ***and*** have registered on the City of Madison website under the following category:_____ www.cityofmadison.com/business/localPurchasing

☒ **No,** we are not a local vendor or have not registered.

Form E: Proposer References

RFQ #:10082-0-2022-BP

This form must be returned with your response.

For Proposer: Provide company name, address, contact person and information on up to five (5) or more master plan projects with scope and requirements similar to the Lake Monona Waterfront.

REFERENCE #1 – CLIENT INFORMATION			
COMPANY NAME: Friends of the High Line	CONTACT NAME: Joshua David		
ADDRESS: 820 Washington St	CITY: New York	STATE: NY	ZIP: 10014
TELEPHONE NUMBER: (917) 687-7011	FAX NUMBER:		
EMAIL: josh@thehighline.org			
CONTRACT PERIOD: 2004 - 2023	YEAR COMPLETED: 2023	TOTAL COST: $223 million	
DESCRIPTION OF THE PERFORMED WORK: prime; master planning, landscape architecture, public realm			

REFERENCE #2 – CLIENT INFORMATION			
COMPANY NAME: Navy Pier Incorporated	CONTACT NAME: Marilynn Gardner		
ADDRESS: 600 E Grand Ave	CITY: Chicago	STATE: IL	ZIP: 60611
TELEPHONE NUMBER: (312) 595-7437	FAX NUMBER:		
EMAIL: mgardner@navypier.com			
CONTRACT PERIOD: 2012 - 2017	YEAR COMPLETED: 2017	TOTAL COST: $116 million	
DESCRIPTION OF THE PERFORMED WORK: prime; landscape architecture, urban design			

James Corner Field Operations

COMPANY NAME

Form E: References

RFP #:10082-0-2022-BP

REFERENCE #3 – CLIENT INFORMATION			
COMPANY NAME: Two Trees Management	CONTACT NAME: Jed Walentas		
ADDRESS: 45 Main St 12th Floor	CITY: Brooklyn	STATE: NY	ZIP: 11201
TELEPHONE NUMBER: (718) 222-2500	FAX NUMBER:		
EMAIL: Jed@twotreesny.com			
CONTRACT PERIOD: 2018 - present	YEAR COMPLETED:	TOTAL COST: Confidential	
DESCRIPTION OF THE PERFORMED WORK: master planning, landscape architecture, public realm budget confidential			

REFERENCE #4 – CLIENT INFORMATION			
COMPANY NAME: City of Seattle	CONTACT NAME: Marshall Foster		
ADDRESS: 600 Fourth Avenue, 2nd Fl	CITY: Seattle	STATE: WA	ZIP: 98104
TELEPHONE NUMBER: (206) 685-8413	FAX NUMBER:		
EMAIL: Marshall.Foster@seattle.gov			
CONTRACT PERIOD: 2010 - present	YEAR COMPLETED:	TOTAL COST: $714 million	
DESCRIPTION OF THE PERFORMED WORK: design lead; master planning, landscape architecture, urban design, public realm			

Form E: References

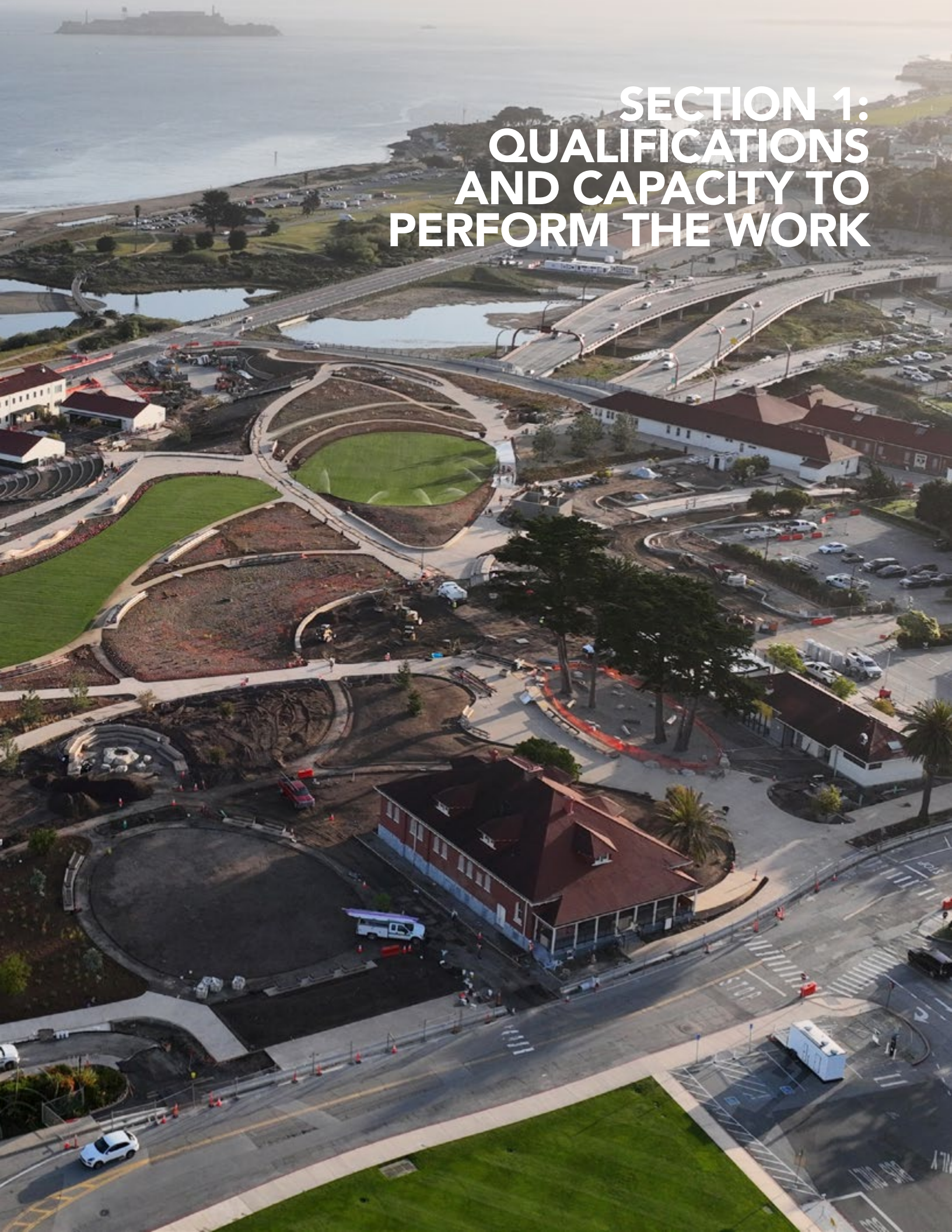
RFP #:10082-0-2022-BP

REFERENCE #5 – CLIENT INFORMATION			
COMPANY NAME: City of Baltimore	CONTACT NAME: Ethan Cohen		
ADDRESS: 7 E. Redwood Street, 6th Floor	CITY: Baltimore	STATE: MD	ZIP: 21202
TELEPHONE NUMBER: (443) 826 7063	FAX NUMBER:		
EMAIL: Ethan.Cohen@baltimorecity.gov			
CONTRACT PERIOD: 2020 - present	YEAR COMPLETED:	TOTAL COST: $400 million	
DESCRIPTION OF THE PERFORMED WORK: landscape architecture, public realm, master planning, community engagement			

James Corner Field Operations

COMPANY NAME

PRESIDIO TUNNEL TOPS
UNDER CONSTRUCTION AND OPENING JULY 17, 2022
SAN FRANCISCO, CA



SECTION 1: QUALIFICATIONS AND CAPACITY TO PERFORM THE WORK

TONGVA PARK AND KEN GENSER SQUARE
SANTA MONICA, CA

PHILOSOPHY

We design cities, public spaces, parks and living environments;

We believe in the authenticity of real cities, urban places and local culture;

We integrate soft ecological systems with infrastructure and urban places;

We design for climate, environment, resiliency and equity;

We design for people;

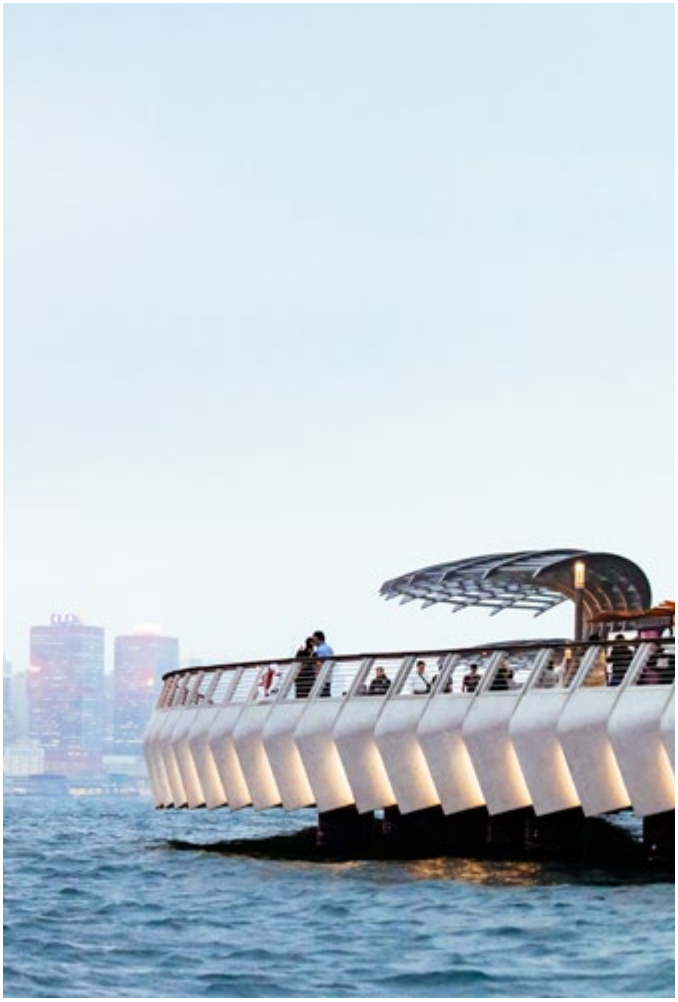
We work in cities on complex urban planning and urban design projects;

We work with people and communities in visioning their environment;

We are a global design practice with projects around the world;

We love urban life.


CENTRAL GREEN

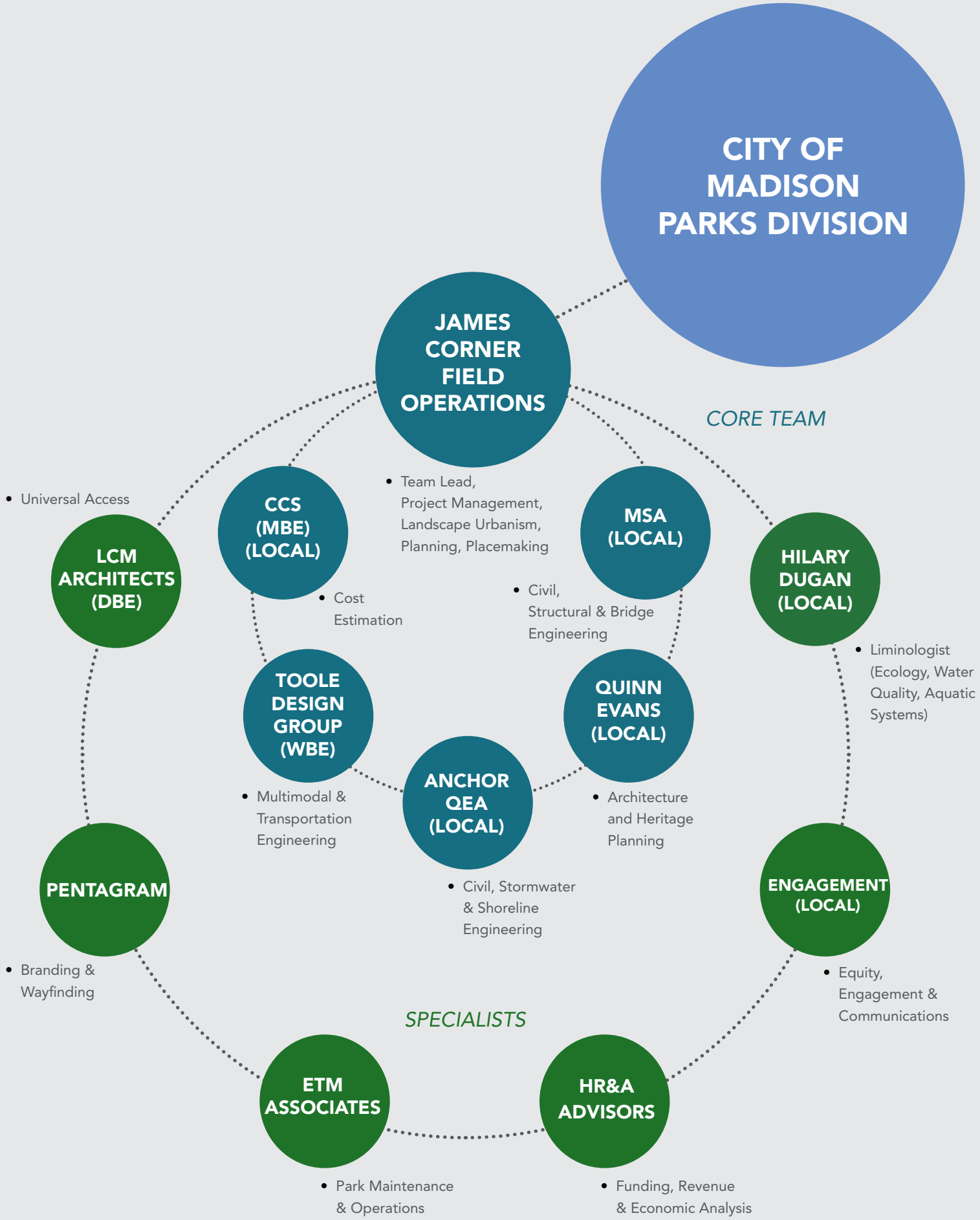


PROFILE

Field Operations is renowned for strong contemporary design across a variety of project types and scales, from large urban districts, master plans and complex planning sites, to small well-crafted, detailed design projects. Regardless of scale, there is a special commitment to the design of a vibrant and dynamic public realm, informed by the ecology of both people and nature, rooted in place and context.

The ultimate aim is to bring beauty, health and vitality to the different kinds of environments where people live and interact. Given the current day urgency of creatively addressing challenges of changing climate, diminishing resources, environmental decline, social inequity and rapid urbanization, we focus upon design that thinks and acts big, that elegantly solves real problems, and shapes a more sustainable and resilient world for everybody.

Our project types range from entire sectors of cities, to urban development districts, large ecosystems, institutional campuses, urban waterfronts, large public parks, urban squares, public places, roof terraces and intimate gardens. This range of project types exemplifies our capacity to think creatively in terms of community, ecology, economics, development and programming—embraced through bold physical design, spatial experience and the poetics of place.


CITY OF MADISON PARKS DIVISION
JAMES CORNER FIELD OPERATIONS
CORE TEAM
• Team Lead, Project Management, Landscape Urbanism, Planning, Placemaking
LCM ARCHITECTS (DBE)
• Universal Access
CCS (MBE) (LOCAL)
• Cost Estimation
MSA (LOCAL)
• Civil, Structural & Bridge Engineering
HILARY DUGAN (LOCAL)
• Liminologist (Ecology, Water Quality, Aquatic Systems)
TOOLE DESIGN GROUP (WBE)
• Multimodal & Transportation Engineering
QUINN EVANS (LOCAL)
• Architecture and Heritage Planning
ANCHOR QEA (LOCAL)
• Civil, Stormwater & Shoreline Engineering
PENTAGRAM
• Branding & Wayfinding
ENGAGEMENT (LOCAL)
• Equity, Engagement & Communications
SPECIALISTS
ETM ASSOCIATES
• Park Maintenance & Operations
HR&A ADVISORS
• Funding, Revenue & Economic Analysis

OUR TEAM

Our team of national and local innovators brings a wide range of perspectives, creativity and expertise, as well as deep personal commitments, to creating a re-imagined Lake Monona Waterfront that is visionary, sustainable and implementable.

We are excited to share our team that is recognized for excellence, innovation, and leadership. Our team possesses a multi-layered knowledge and understanding of the Lake Monona Waterfront. **Field Operations** has teamed up with **MSA** for Local Planning and Civil, Structural & Bridge Engineering, **Quinn Evans** for Architecture and Heritage Planning, **Anchor QEA** for Shoreline & Stormwater Engineering, **Toole Design Group** for Multimodal & Transportation Engineering, and **CCS** for Cost & Construction Feasibility as our "core team."

We are currently collaborating with Quinn Evans on the C&O Canal National Historical Park, another long linear waterfront project. We're also collaborating with Toole Design Group on the master plan for the Philadelphia Navy Yard and Middle Branch in Baltimore, the second of which is a new "park shed" which has 11 linear miles of shoreline and associated trail networks. We worked with Anchor QEA on the Seattle Waterfront and new salmon migratory corridor, and with CCS on the multi-phase massive transformation of Navy Pier. While we have not yet collaborated with MSA, we believe they will be an excellent partner, particularly because of their leadership on the Causeway project and their past collaboration with the other core team members. Our core team will collaborate through an iterative process to produce the project's key deliverables.

Because of the project's complexity, we brought on an additional group of advisors with specialized disciplinary knowledge. **HR&A Advisors** will advise on funding, revenue, and philanthropic funding; **ETM Associates** on park maintenance and operations; **LCM Architects** on universal access; and **Pentagram** on branding and wayfinding approach. Field Operations has frequently collaborated with these team members for parks of prominence and significance around the country. In addition, we are pleased to team up with **Hilary Dugan,** a liminologist at the University of Wisconsin-Madison, who will advise on Ecology, Water Quality, and Aquatic Systems. If we are selected to refine and develop the master plan in the final stage of the design challenge process, we look forward to collaborating with the City of Madison to identify a local engagement and outreach firm or individual(s) committed to equity with deep knowledge of Madison and its community.

MSA (LOCAL)

LOCAL PLANNING, CIVIL, STRUCTURAL & BRIDGE ENGINEERING

MSA Professional Services, Inc. specializes in the sustainable development of communities. With over 300 engineers, architects, surveyors, funding specialists, planners and environmental professionals, MSA provides a full range of planning and engineering services relevant to the Lake Monona Waterfront Design project including urban design, stormwater management, civil and structural engineering; bridge, road and highway design. MSA has tremendous local experience and knowledge working on and around the site for decades. Two relevant projects, including leadership on the John Nolen Drive causeway are described below.

John Nolen Drive
Madison, WI

John Nolen Drive is the gateway to the core of Madison for many visitors and is scheduled to be reconstructed in 2025. MSA is currently working as a subconsultant on this project providing structure design, utility and railroad coordination, environmental services, underpass storm water feasibility, and shoreline analysis along Lake Monona in partnership with Anchor QEA. MSA, in partnership with Anchor QEA, will provide a detailed coastal analysis of the western shoreline of Lake Monona adjacent to the project corridor. MSA's structural design will include replacing two of the six bridges on the John Nolen causeway.

State Street
Madison, WI

State Street is in the heart of the City of Madison, and is a main thoroughfare to the Wisconsin Memorial Union to the north, Bascom Hill to the west, East Campus Mall to the south, and the State Capitol building to the east. MSA worked with project partners to develop a project plan designed to provide a safe environment for the thousands of pedestrians and cyclists who traverse the space on a daily basis. Preliminary concept planning for this project included concept development and coordination with the State Historic Preservation Officer (SHPO) to ensure that the proposed design within the historic district including both the State Street corridor and Library Mall would not be considered to adversely impact the historic district.


JOHN NOLEN DRIVE
MADISON, WI


JOHN NOLEN DRIVE
MADISON, WI


BELLE ISLE STATE PARK
DETROIT, MI

QUINN EVANS (LOCAL)

ARCHITECT AND HERITAGE PLANNER

Quinn Evans consists of professionals who are leaders in planning and design for conservation sites, historic buildings, and cultural landscapes. Quinn Evans has extensive knowledge, experience, and expertise in addressing sites that require a combination of sustainability goals, adaptive use, and consideration of programming to produce a collective vision. Quinn Evans is currently working with Field Operations on the C&O Canal National Historical Park in Washington DC, developing a series of kiosks, public restrooms, pedestrian bridges and outdoor elevators for the topographically challenging site.

Belle Isle State Park
Detroit, MI

Several projects restore and adapt historic buildings at this 982-acre public park and attraction. Quinn Evans provided assessments of key historic buildings at the park in order to help the DNR prioritize the repair, maintenance, and rehabilitation work that would be needed to support the buildings' continued use or, in some cases, to return them to active use. Based on the building assessment reports, Quinn Evans moved forward with rehabilitations of six buildings: the Casino (1908), Police Headquarters (1893), Police Radio Station (1936), and three turn-of-the-century picnic shelters.

Indian Mounds
Saint Paul, MN

The landscape of Indian Mounds is a sacred place of burial. It is a cemetery built by ancestors of living people. The place has deep significance to the Upper Sioux Community, Lower Sioux Community, Shakopee Mdewakanton Sioux Community, Prairie Island Indian Community, Ho-Chunk Nation of Wisconsin, Iowa Tribe of Kansas and Nebraska, Sisseton-Wahpeton Oyate, and other descendants of those who are buried here. It is home to the only known remaining burial mounds within the Minneapolis-Saint Paul urban core. Quinn Evans was responsible for The Cultural Landscape Study and Messaging Plan documents for this project. This included recommendations for rehabilitating the landscape to honor the ancestors buried here, improve long-term resilience, and reveal a landscape that is aligned with Dakota values.


BELLE ISLE STATE PARK
DETROIT, MI


BELLE ISLE STATE PARK
DETROIT, MI


INDIAN MOUNDS
SAINT PAUL, MN

ANCHOR QEA (LOCAL)

SHORELINE ENGINEERING

Anchor QEA is a national environmental science and engineering firm that specializes in aquatic, shoreline, and water resource projects, including coastal engineering and flood risk management. With a strong foundation of shared values, Wisconsin-based FreshWater Engineering merged with Anchor QEA in June 2021 to expand our collective water resources, coastal engineering, and shoreline restoration work into the Great Lakes and Midwest regions.

Little Beaver Island Coastal and Habitat Improvements
Buffalo Niagra Waterkeeper, Grand Island, NY

This project covers approximately 1,000 feet of shoreline and nearshore habitat in Beaver Island State Park on Grand Island along a high-energy section of the Niagara River. Anchor QEA performed detailed wind and wave modeling analyses to design offshore breakwater structures and living shorelines to attenuate wave energy and accelerated the design and permitting schedule to meet Buffalo Niagara Waterkeeper expectations.

John Nolen Drive
Madison, WI

Anchor QEA is supporting the redesign and reconstruction of the John Nolen Causeway for the City of Madison. The causeway is a major transportation corridor that connects the Beltline Highway to the isthmus and downtown area. It was protected by an existing riprap revetment, but the City was interested in redeveloping the corridor to improve connectivity, and a shoreline analysis was included in the project.


LITTLE BEAVER
GRAND ISLAND, NY


LITTLE BEAVER
GRAND ISLAND, NY


JOHN NOLEN CAUSEWAY
MADISON, WI

TOOLE DESIGN GROUP (WBE)

MULTI-MODAL TRANSPORTATION PLANNER

Toole Design Group is the nation's leading planning, engineering, and landscape architecture firm specializing in multimodal transportation planning and design. As a firm, Toole's mission is to create livable communities where walking and bicycling are safe, convenient, and enjoyable for everyone. Toole focuses on developing cost-effective and implementable solutions that move people efficiently while also improving health, quality of life, and economic vitality.

Upper Harbor Terminal Park ConceptPlan and Phase I Improvements
Minneapolis, MN

Toole Design developed a concept plan for a new segment of the Grand Rounds Scenic Byway and riverfront trails through the Upper Harbor Terminal redevelopment site in Minneapolis. The project includes trail alignments and neighborhood connections and access points, trail/roadway crossings, and signing and pavement markings.

Madison Complete Green Streets
Madison, WI

Toole Design is leading the development of the Complete Green Streets plan for the City of Madison. Madison is a community that values walkability, bike-friendliness, transit, and sustainability. However, it also has neighborhood associations and advocacy groups that are highly involved, and significant disparities in safety and access for low-income neighborhoods. This leads to competing demands for the use of constrained rights-of-way, lengthy and involved timelines for most street projects, and lingering questions about the equity of decisions.


UPPER HARBOR TERMINAL PARK CONCEPT PLAN AND PHASE I IMPROVEMENTS


BELLE ISLE STATE PARK
DETROIT, MI


MADISON COMPLETE GREEN STREETS
MADISON, WI

SPECIALIST ADVISORS

LCM ARCHITECTS (DBE)
Universal Access

Founded in 1996, LCM Architects is a full-service architecture firm, licensed in the State of Illinois, with a specialty in accessibility and inclusive design consulting. Central to their core values is that the built environment should adapt to people rather than people having to adapt to the physical environment. LCM guide owners and architects through the development of ADA compliance plans, construction reviews, existing building assessments, and remediation implementation programs.

OBAMA PRESIDENTIAL CENTER
CHICAGO, IL

HILARY DUGAN
Limnology

Hilary Dugan is an assistant professor of aquatic biology and ecology at the University of Wisconsin-Madison. Her leading-edge research out of the Center for Limnology focuses not only on inland waters within the context of their local watershed and ecological communities, but also on terrestrial and atmospheric changes, such as warming air temperatures or land use patterns, that alter aquatic processes in lakes. Hilary will support the team in its goal to improve the overall health, resilience, and ecological functioning of Lake Monona for years to come.

CLEAN LAKES ALLIANCE WATERSHED ACADEMY
LAKE MONONA, WI

PENTAGRAM
Branding & Wayfinding

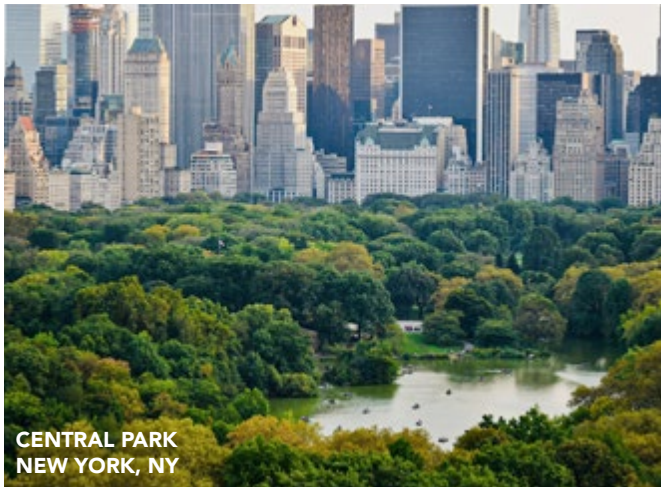
Pentagram is the world's largest independently owned design consultancy. At Pentagram, the team feels that environmental graphics and wayfinding represent an opportunity to project an organization's identity in its most potent form: in the realm of experience. Pentagram has developed environmental graphic and wayfinding programs for institutions, museums and corporations all over the world. Pentagram's approach combines close collaboration with the commissioning organizations and project architects to create complex systems that are seamlessly integrated in their surroundings. Pentagram previously collaborated with Field Operations on the High Line in New York and Navy Pier in Chicago, among other projects.

GOVERNORS ISLAND
NEW YORK, NY

ETM ASSOCIATES

Park Maintenance & Operations

Formed in 1997, ETM Associates specializes in public space design, public space management, and project management. ETM brings a wide range of professional, technical, and entrepreneurial expertise to public space issues and public/private sector involvement. ETM's work within the continuum of design, implementation, and management is a dynamic process that identifies and addresses problems through the creation and evaluation of alternative solutions that meet high design standards, management goals, and user needs.



CENTRAL PARK
NEW YORK, NY

CCS (MBE)

Cost Estimation, Construction Feasibility & Risk

CCS International, Inc., (CCS), is an independent consulting firm specializing in the preparation of construction cost estimates at all phases of design since 1979. CCS' corporate headquarters is located in Oakbrook Terrace, Illinois with branch offices in Milwaukee, Wisconsin; Indianapolis, Indiana; Bethesda, Maryland; Durham, North Carolina; Houston, Texas. CCS provides industry professionals with detailed, objective information that represents the scope, complexity and quality anticipated for their projects.

NAVY PIER
CHICAGO, ILLINOIS

HR&A ADVISORS

Funding, Revenue, and Economic Analysis

HR&A is an economic and real estate consultancy with experience planning and developing parks, plazas, streetscapes, and urban spaces, as both public amenities and catalysts of economic development. HR&A helps communities create value by making strategic connections among parks, civic assets, and privately-owned real estate; they quantify the value of these connections using robust, data-driven analysis, demonstrating how new value can be used to fund open space revitalization, programming, and maintenance.

GREAT RIVER PASSAGE MASTER PLAN DEVELOPMENT &
IMPLEMENTATION, SAINT PAUL, MN

KEY PERSONNEL

Our Key Personnel have been selected for their extensive experience with sites of similar aspirations, civic significance, and technical challenges. All have extensive leadership skills in strategic planning, research and analysis, visioning, design and construction, community engagement, and management and coordination. They are also excellent communicators and are well able to articulate intentions, offer thoughtful and pragmatic solutions, and lead discussions.

James Corner, RLA, Design Director (FO) is Founder and CEO of James Corner Field Operations. He has devoted the past 30 years to advancing the field of landscape architecture and urbanism, primarily through his leadership on high-visibility, complex urban projects around the world, as well as through teaching, public speaking, and writing. James will establish the overall design vision, collaborating with Sarah Astheimer, the Principal-in-Charge, and will be available for milestone presentations and meetings.

Sarah Weidner Astheimer, RLA, Principal-in-Charge (FO) will guide the overall project and help to the establish design principles, and will be responsible for design oversight and coordination. She will participate in design sessions, workshops, meetings, discussions, public engagement meetings, and client and stakeholder presentations. From innovative community workshops, to design and construction administration, Sarah has successfully led projects that reflect strong contemporary design and a commitment to sustainable best management practices and ideals.

Megan Born, RLA, Project Manager (FO) will be responsible for ensuring that the overall vision is realized and reinforced in all day-to-day tasks and deliverables, and for coordinating directly with the Client and consultant team to ensure that the design tenets and strategies are implemented throughout all disciplines in order to achieve a consistent and highly effective master plan. Megan is currently leading multiple projects in Philadelphia, including a new major waterfront redevelopment and a central urban plaza, and the office's contributions to the Tidal Basin Ideas Lab in Washington, D.C.

Karli Molter, RA, Project Designer (FO) Karli is a landscape and urban designer at Field Operations, where she is currently managing the project team for Amazon's HQ2 corporate headquarters' roof terraces and park in Arlington. She previously managed the team for the Lincoln Yards North project in Chicago. Prior to joining Field Operations, Karli was an Assistant Professor in the Landscape Architecture Department at the Rhode Island School of Design, teaching with a focus on public space design and representation.

Daniel Williams, PLA, ASLA, AHLP, Project Manager (MSA) will lead the team's engineering scope. He collaborates across disciplines to achieve the integration and consensus needed to address some of engineering's most urgent issues. In more than 30 years leading projects in Madison, he has been involved in projects that remain deeply rooted to place and culture. He works on concurrent projects while providing design leadership and ensuring the highest quality of design and delivery for each client.

Leah Rhodes, PE, Bridge Team Lead (MSA) will lead provide project management and bridge design services. She has extensive knowledge of and experience complying with the WisDOT design and PS&E process, and she frequently coordinates with the WisDOT Bureau of Structures. Leah also participates in the Bridge Technical Meetings hosted by BOS in order to stay current on upcoming changes in the industry. She has successfully managed WisDOT projects to meet milestones and provide quality deliverables.

Jaime Kurten, PE, Senior Project Engineer (MSA) will support the project management and design engineering for transportation and bridge design scope of the project. She has been involved in all aspects of such projects including geometrics, grading, storm sewer, erosion control and right of way. Jaime has also worked on various reports and permitting throughout all stages of a project including those for federally funded and local projects.

Eric Thompson, PE, Water Resources Team Lead (MSA) will lead the team's approach to water resources He has over 27 years of experience in stormwater management planning and design, including projects ranging from small site design through comprehensive municipal stormwater master plans and large-scale watershed studies, which has earned him statewide recognition as an expert in his field.

Alyson Steele, FAIA, LEED AP, Visitor Experience Architect (Quinn Evans) will provide design leadership and facilitation for public visitation facilities serving natural and cultural heritage projects. Through working with a variety of client, user, and community groups, Alyson seeks to generate and inclusive understanding of a project's goals and programmatic needs. Alyson is the Principal in Charge for a series of inclusive interventions defined by Field Operations masterplan to improve access along the canal for both pedestrians and bicyclists.

Laura Rozumalski, PE, Project Manager, Principal-in-Charge, Principal Engineer (Anchor QEA) will lead the team's approach to shoreline protection. Laura is a principal engineer with 18 years of experience in project management. She is a technical expert in multidimensional hydrodynamic modeling, waterways restoration, fluvial geomorphology, coastal processes, sediment transport, and hydrologic and hydraulic modeling and performed the coastal analysis for John Nolen Drive.

Alex Koumoutsos, Multimodal Design Lead (Toole Design Group) will guide the Team's multimodal transportation efforts. His engineering background encompasses bicycle, pedestrian, highway, and roundabout design; green street projects; project management and permitting; traffic mitigation; stormwater management; erosion control; maintenance and protection of traffic; utility coordination; and construction oversight. Alex provides infrastructure engineering for multiple modes of transportation, including motor vehicles, mass transit, pedestrians, and cyclists.

Hilary Dugan, Limnology (University of Wisconsin-Madison) will advise on Ecology, Water Quality, Aquatic Systems. Hilary is an assistant professor of aquatic biology and ecology at the University of Wisconsin-Madison. Her leading-edge research out of the Center for Limnology focuses not only on inland waters within the context of their local watershed and ecological communities, but also on terrestrial and atmospheric changes, such as warming air temperatures or land use patterns, that alter aquatic processes in lakes.

Kemba Braynon, AIA, Noma, Preservation Architect & Project Manager (Quinn Evans) Kemba will guide the teams approach to architectural preservation. Kemba brings a deep interest in history and sense of place to her work as an architect and historic preservation specialist. With skills as both an architect and writer, she crafts the stories of historic buildings to ensure they survive and thrive for future generations. Applying her many creative strengths, she supports clients with innovative ways of structuring and financing projects in pursuit of their fullest potential.

Matthew Henderson, Coastal Engineering Lead, Principal Engineer (Anchor QEA) will be the Team's Coastal Engineering lead. Matt has more than 25 years of experience as a coastal and environmental engineer, focusing on evaluating coastal conditions and developing sustainable approaches and designs to ensure stability of shorelines, coastal infrastructure, and natural resources.

Kevin Luecke, Multimodal Design Lead (Toole Design Group) will be responsible for leading the project's transportation initiatives. Kevin is Toole Design's Madison Office Director. He is a multimodal transportation planner with a broad background in active transportation planning and policy, and he has worked with communities large and small, as well as state departments of transportation and federal agencies, to improve bicycling and walking plans and policies.

Marvin Fitzwater, II, CPE, Senior Cost Manager (CCS) Marvin will serve as Senior Cost Manager for the project. He provides detailed cost estimates at all phases of design, including conceptual, schematic, design development, working drawing and construction document. A Certified Professional Estimator, Mr. Fitzwater is an active member of the American Society of Professional Estimators (ASPE) and currently serves on the Board of the Chicago chapter.

HIGH LINE
NEW YORK, NY

SECTION 2: PREVIOUS RELATED EXPERIENCE


JAMES
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OPERATIONS

HIGH LINE
NEW YORK, NEW YORK

As the project lead for the High Line, James Corner Field Operations led the design and construction of this elevated railway reclaimed as an extraordinary public space in the heart of Manhattan's West Side. Since its opening in 2009, the High Line is lauded as an icon for innovative design, a defining feature in its neighborhood, a powerful catalyst for investment, and an inspiration to cities worldwide.

The design is characterized by an intimate choreography of movement, with alternating vistas and experiences. Distinctive paving, planting, furnishing, lighting, and social spaces create an authentic and memorable New York City experience. The High Line is widely recognized as a huge success and demonstrates the value in creating new and fresh public spaces in the city. The design is a collaboration between Field Operations (Project Lead), Diller Scofidio + Renfro, and Piet Oudolf.

RELEVANCE TO LAKE MONONA WATERFRONT:

- Reimagining existing infrastructure;
- Constructed entirely on an elevated structure;
- Linear, narrow site;
- Creates habitat and increases biodiversity within the city;
- Offers new views and connections within the city.

year	June 2009 (Sec 1), June 2011 (Sec 2), September 2014 (Sec 3, Phase 1), June 2019 (Sec 3, Phase 2)
size	7.43 acres (1.45 miles long)
role	prime; master planning, landscape architecture, public realm
budget	confidential
client	City of New York and Friends of the High Line


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NAVY PIER
CHICAGO, ILLINOIS

Navy Pier has been transformed into a more authentic and culturally significant destination—a place to celebrate the vibrancy of urban life in Chicago. As the first SITES Gold-certified project in the world, Field Operations has taken radical steps to combat issues of inaccessibility, aging infrastructure, and commercialism to create a contemporary, sustainable "Pierscape" that has renewed the popular destination's experience and connection to Lake Michigan.

Re-imagined in an initial award-winning Master Plan, as a green spine that extends from the lake back into the city, the Pier's South Dock anchors a series of thematic rooms filled with engaging social spaces, new platforms for performance and celebration, shade trees, and articulated edges, which allow new engagement with the water. The new South Dock and adjoining Polk Bros Park have transformed Navy Pier into a center of activity, sustainability, and culture that is resonant with the local community and Chicago's contemporary identity.

RELEVANCE TO LAKE MONONA WATERFRONT:

- Lakefront project;
- New pedestrian-priority entrance, re-routing of traffic and roads;
- Designed to improve circulation, connection, and accessibility;
- SITES Gold Certification and innovative response to aging infrastructure;
- FO as prime with over 18 subconsultants.

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year	2012–17; summer 2016 (Phase 1), spring 2017 (Phase 2)
size	24 acres
role	prime; landscape architecture, urban design
budget	Phase 1: $91.5M, Phase 2: $24.5M
client	Navy Pier Incorporated

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BROOKLYN RIVERFRONT PARK
BROOKLYN, NEW YORK

Field Operations designed the Brooklyn Riverfront Park, which will enhance connectivity of the public waterfront, reinstate natural habitats, elevate the standard for urban waterfront resiliency, and transform the way New Yorkers interact with the East River. The waterfront park features a circular esplanade that extends into the East River, connecting a series of nature trails, amphitheater, boating cove, children's natural play area, and sandy beach, all promoting access in and around the river. Waterfront infrastructure and open space will feature breakwaters, marshes, wetlands, and a tidal basin that will dissipate wave action to increase resilience and create calmer waters for safe in-water recreation. The master plan has already received an Honor Award from ASLA-NY and an Urban Design Citation Award from AIANY.

Domino Park, the first phase of the project, opened in 2018 and has been embraced by the diverse community it serves with over 4 million visitors since opening.

RELEVANCE TO LAKE MONONA WATERFRONT:
- Lakefront project;
- Mixed-use development with quality of life amenities;
- Extensive community outreach and engagement;
- Equity and inclusion with design and programming;
- Community integration in new development;
- New view-sheds and waterfront connections;
- Pilot WEDG project with certification.

year	2012–present; first phase (Domino Park) completed in 2018
size	1st phase: 11 acres, 1/4 mile long (5 acres open space); 2nd phase: 3 acres (6 acres of open space including protected in-water access)
role	master planning, landscape architecture, public realm
budget	confidential
client	Two Trees Management


Domino
SUGAR


WEST BREAKWATER
NATURE TRAIL
OUTPOST 2
PICNIC / HAMMOCK GROVE
OUTPOST 3
BIRD HIDE
VIEWING STEPS
OUTPOST 1
OUTDOOR TIDAL CLASSROOM
THE RING
NATURE TRAIL
SOUTH BREAKWATER
OVERLOOK
SALT MARSH
/TIDAL POOLS
NORTH BREAKWATER
AMPHITHEATER
N3RD BEACH WALK
NATURE PLAY AREA
BEACH+LAUNCH
COMMUNITY
KIOSKS
BOAT CROSSING
WETLAND WALK
TIDAL TRAIL
RIVER LAWN
BEACH
BOARDWALK
GRAND FERRY PARK
RIVER STREET
N. 1ST STREET
N. 3RD STREET
0
200 FT
METROPOLITAN ENTRANCE
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CENTRAL WATERFRONT
SEATTLE, WASHINGTON

Seattle's long-term vision for reclaiming 1.5 miles of industrial waterfront began with a master plan led by Field Operations that charted the course for new infrastructure, an enhanced public realm, stronger connectivity to the downtown, and a healthier environment—reclaiming the waterfront and reconnecting the City with Elliott Bay.

A generous pedestrian promenade and seawall forms the core of the project, and includes integrated stormwater management, native-based gardens, kiosks and wayfinding, historic railings, new and redesigned piers, and redesigned pedestrian connections back into the city fabric.

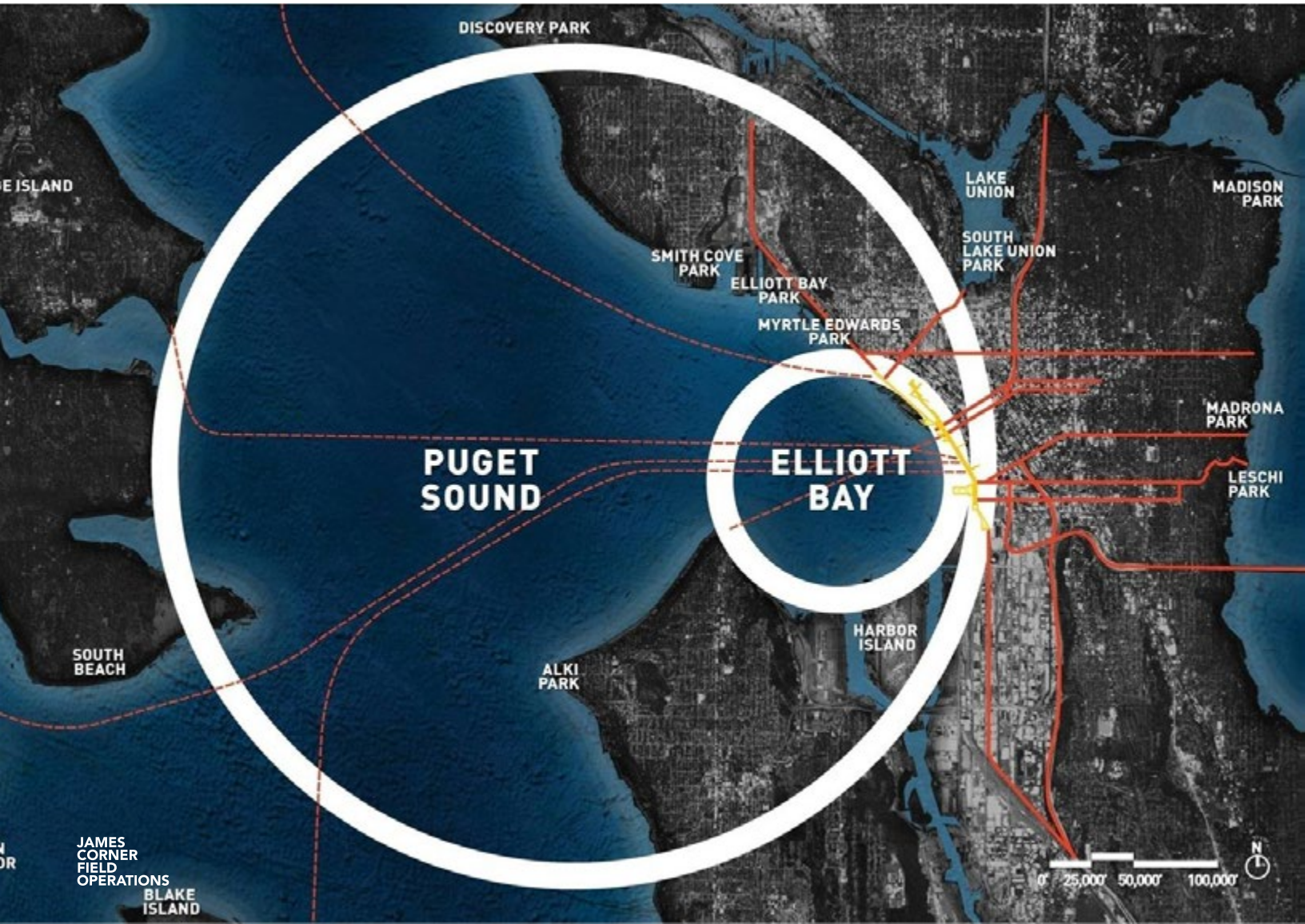
Innovative habitat creation is paired with integrated public realm design, which both contribute to the health of marine life while positively engaging the public in understading all issues at stake. The result is a new model for infrastructure investment that benefits the city, the public, and the ecosystem.

RELEVANCE TO LAKE MONONA WATERFRONT:

- Reconnects the city to the waterfront through highway removal;
- Multi-modal connections that create safer experiences for pedestrians and cyclists;
- Design for major topographic change from city to waterfront;
- Extensive community outreach and engagement;
- Habitat creation within the water through salmon migration corridor and habitat beach.

year	2010–present
size	26 blocks
role	design lead; master planning, landscape architecture, urban design, public realm
budget	$500–600 million public realm / $1.7 billion total (est.)
client	City of Seattle Office of the Waterfront & Civic Projects

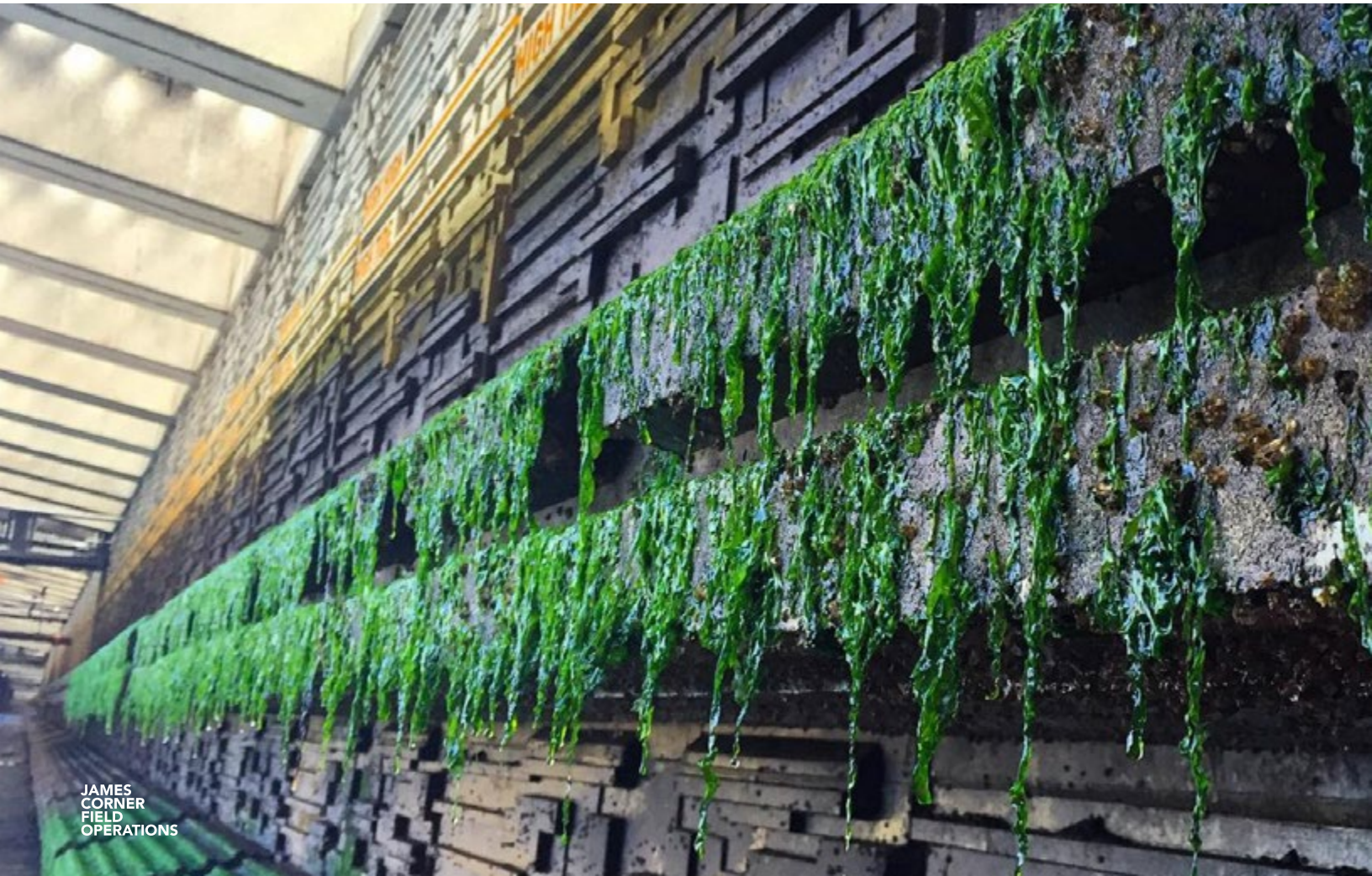

WATERFRONT SCALE
THE FRAMEWORK PLAN
Port of Seattle
Amphitheater
Festival Pier
Concession
Stadium Plaza
Railroad Way
ALASKAN WAY
Tideline Promenade
Washington St. Boat Landing
Pioneer Square
CenturyLink Field
1ST AVE. S.
OCCIDENTAL AVE. S.
Occidental Park
S. KING ST.
S. JACKSON ST.
S. MAIN ST.
S. WASHINGTON ST.
YESLER WAY
JAMES ST.
CHERRY ST.
COLUMBIA ST.
MARION ST.
MADISON ST.
SPRING ST.
SENECA ST.
UNIVERSITY ST.
UNION ST.
1ST AVE.
2ND AVE.
King Street Station
Smith Tower
Seattle Art Museum
Benaroya Hall
ELLIOTT BAY
Colman Dock Ferry Terminal
Ferry Deck
Firehouse Slip
Pier 54 Walk
Pier 56 Walk
Great Wheel
Argosy Tours
Union St. Pier
Pier 57 Slips
Tideline Promenade
Colman Retail Gallery
Columbia St. Transit Plaza
Marion St. Pedestrian Bridge
ALASKAN WAY
Seneca St. Walk
WESTERN AVE.
Union St. Escalator + Elevator
Seneca St. Escalator + Elevator

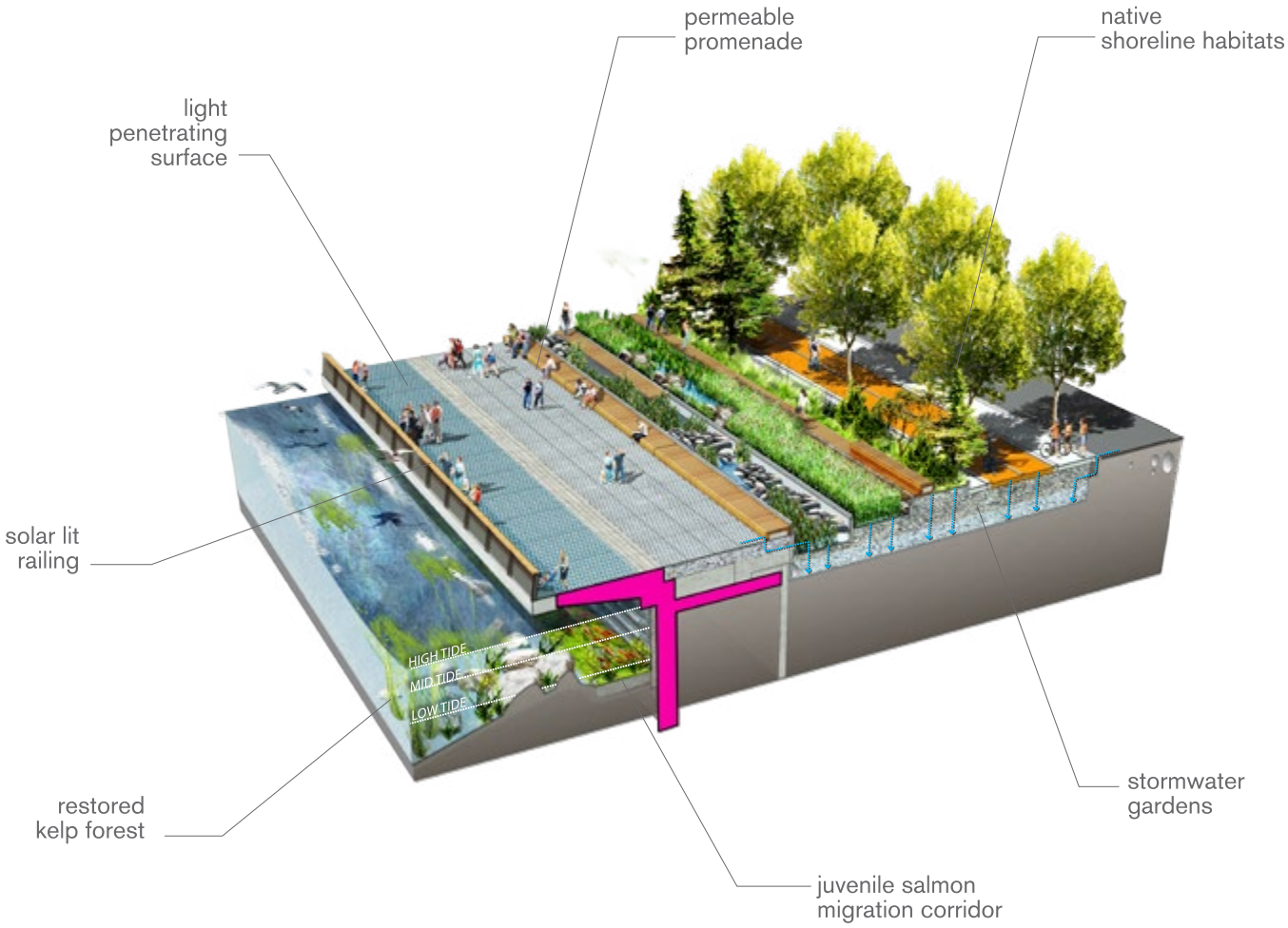

DISCOVERY PARK
E ISLAND
LAKE UNION
MADISON PARK
SMITH COVE PARK
SOUTH LAKE UNION PARK
ELLIOTT BAY PARK
MYRTLE EDWARDS PARK
MADRONA PARK
PUGET SOUND
ELLIOTT BAY
LESCHI PARK
HARBOR ISLAND
SOUTH BEACH
ALKI PARK
JAMES CORNER FIELD OPERATIONS
BLAKE ISLAND
0' 25,000' 50,000' 100,000'
N


Lake-to-Bay Square
Myrtle Edwards Park
Pier Slip
Olympic Sculpture Park
The North End
ALASKAN WAY
Cruise Ship Terminal
Pier Slip
Pier Slip
Bell Harbor
Bell Harbor Roof
Bell St. Bridge
Hall-Mile Promenade
Vine St. Bridge
ELLIOTT AVE
WESTERN AVE
Barge Post
Pier 62/63
Bell Harbor Boardwalk
ALASKAN WAY
Aquarium Expansion Area
Seattle Aquarium
Bell St. Park Extension
Blanchard Overlook
Lenora St. Bridge
Development Opportunities
Belltown Balcony
Aquarium Plaza
ELLIOTT WAY
Overlook Walk
BNSF Overlook
Blanchard Square
WESTERN AVE
Victor Steinbrueck Park
Pike St. Hillclimb
Pike Place Market
1ST AVE
ELLIOTT AVE
WESTERN AVE
BELL ST.
BATTERY ST.
WALL ST.
VINE ST.
CEDAR ST.
CLAY ST.
BROAD ST.
1ST AVE
2ND AVE
Bell St. Park
LENORA ST.
2ND AVE
PIKE ST.
PINE ST.
STEWART ST.
DENNY WAY
Seattle Center
Projects and Destinations
Core Project Area
Long-term Project Area
Seawall Project Area
Partner Project Area
0.25 MILE


W. QUEEN ANNE PLAY FIELD
DAVID ROGERS PARK
GAS WORKS PARK
VOLUNTEER PK.
INTERLAKEN PK.
WASHINGTON PARK ARBORETUM
MADISON PK.
BROADMOOR GOLF COURSE
LAKEVIEW PK.
KINNEAR PARK
SMITH COVE PK.
MYRTLE EDWARDS PK.
OLYMPIC SCULPTURE PK.
LAKE UNION
BELL HARBOR
PIER 62/63
SEATTLE AQUARIUM
COMMERCIAL PIERS
COLMAN DOCK
PIER 48
CONTAINER TERMINAL
DUWAMISH MOUTH\ SALMON RUN
HARBOR ISLAND
ELLIOTT BAY
DUWAMISH HEAD
KAYAK TOURS
SEACREST MARINA
WATERFRONT DINING
JACK BLOCK PK.
DUWAMISH MOUTH\ SALMON RUN
ALKI BEACH PK.
SCHMITZ PK.
CHARLES RICHEY SR. VIEWPOINT
ME-KWA-MOOKS PK.
CAMP LONG PK.
JEFFERSON PK.
MAPLEWOOD PLAYFIELD
MADRONA PK.
LESCHI PK.
FRINK PK.
COLMAN PK.
MT. BAKER PK.
LAKE WASHI
JAMES CORNER OLD ERATIONS


HIGH HIGH
HIGH TIDE


JAMES
CORNER
FIELD
OPERATIONS


permeable promenade
native shoreline habitats
light penetrating surface
solar lit railing
HIGH TIDE
MID TIDE
LOW TIDE
restored kelp forest
stormwater gardens
juvenile salmon migration corridor


MINERS LANDING
RESTAURANT & BAR
JAMES CORNER FIELD OPERATIONS


JAMES
CORNER
FIELD
OPERATIONS

SHELBY FARMS PARK
MEMPHIS, TENNESSEE

Shelby Farms Park is one of the largest urban parks in the U.S. and one of the most unique spaces that Memphis has to offer, described as a lynchpin for the greening of the City. At 4,500 acres, it is more than five times the size of Central Park, with a mission to showcase Tennessee's ecology and Memphis' vibrant arts, food, and music culture; to be a gathering place for all; and to create an active, nature-based hub for recreation, health, and well-being.

Today, Shelby Farms Park has transformed into a contemporary park that defines and shapes Memphis. Phase 1 is now complete, including the 195-acre "Heart of the Park," defined by a massive new lake. The design significantly improves connectivity and accessibility and offers exposure to nature and greenery, particularly for the underserved parts of the City. The park is an economic engine for the region, is financially sustainable in its operations, and has re-established a relationship with natural systems, improving the surrounding environment and ecology for everyone to enjoy.

RELEVANCE TO LAKE MONONA WATERFRONT:

- Major lake expansion and construction with new aquatic habitat;
- Pavilions to support water-based recreation;
- Project includes water as part of territory;
- Planning for equity and justice on a 4,000-acre site that was once a penal farm;
- Extensive community outreach and engagement;
- Trail network and multi-modal planning.

year	2010 (Wolf River Pedestrian Bridge); 2011 (Woodland Discovery Playground); 2016 (Hyde Lake)
size	4,500 acres
role	prime; landscape architecture, public realm
budget	$57.75 million
client	Shelby Farms Park Conservancy


JAMES
CORNER
FIELD
OPERATIONS


JAMES
CORNER
FIELD
OPERATIONS

TAOPU CENTRAL PARK
SHANGHAI, CHINA

SECTION 3: EXPERIENCE WITH AND UNDERSTANDING OF, RELATED TECHNICAL ISSUES

Lake Monona Waterfront
Madison, WI
31.8 Acres

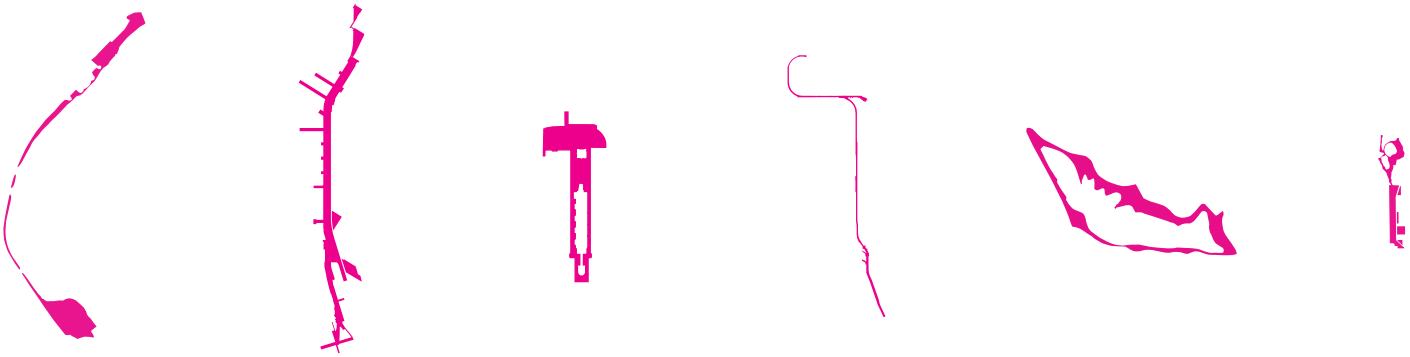
Central Waterfront & Seawall
Seattle, WA
39.0 Acres

Chicago Navy Pier
Chicago, IL
30.0 Acres

The High Line
Manhattan, NY
1.4 Miles

Shelby Farms Park Masterplan
Memphis, TN
46.0 Acres

Domino Sugar Factory Waterfront
Brooklyn, NY
8.8 Acres



	Project master planning	Equitable & inclusive planning	Community engagement	Multi-modal transportation engineering	Pedestrian/ bicycle bridge structure	Lake water quality/ imnology	Storm water manage -ment	Aquatic habitate restoration	Sustainable design & shoreline protection	Structure decking	Waterfront structures & amenities	ADA design
Central Waterfront Seattle, WA	■	■	■	■	■	■	■	■	■	■	■	■
Shelby Farms Park Memphis, TN	■	■	■	■	■	■	■	■	■		■	■
Domino Park New York, NY	■	■	■	■	■	■	■	■	■	■	■	■
Presidio San Francisco, CA	■	■	■	■	■		■			■		■
Middle Branch, Baltimore, MD	■	■	■	■	■	■	■	■	■	■	■	■
Navy Pier Chicago, IL	■	■	■	■			■		■	■	■	■
The High Line New York, NY	■	■	■		■		■			■		■
Guiwan Park Shenzhen, China	■	■			■	■	■	■	■		■	
Navy Yard Masterplan Philadelphia, PA	■	■	■	■			■		■		■	■
South Bay Sponge Santa Clara+San Mateo, CA	■	■	■	■	■		■	■	■		■	■

EXPERIENCE WITH AND UNDERSTANDING OF TECHNICAL ISSUES

Field Operations' strength is leadership on projects with complex sites and situations—it is this complexity (the place, the environment, the history, the constituents, the local nuances, the technical issues, and so on) that allows for the creation of a unique and bold design solution that is meaningfully grounded in its context.

In the Lake Monona Waterfront RFQ, the City of Madison Parks Division calls out twelve items specific to technical competency and experience, which are of primary importance to the planning and design of the Lake Monona Waterfront. Field Operations has extensive experience and a proven track record of delivery on projects that address each. A matrix which identifies this broad range of experience is on the page to the left, as is a scale comparison that highlights the size and scale of the Lake Monona Waterfront relative to the five projects we featured in Section 2: Previous Related Experience.

In addition to our own experience, for the Lake Monona Waterfront Challenge we will be collaborating with an extraordinary team of subconsultants that bring local and national technical experience to collectively address the site's greatest challenges.

TECHNICAL COMPETENCY & EXPERIENCE

PROJECT MASTER PLANNING

Field Operations has wide-ranging experience developing complex and long-range master plans for both public and private clients, as well as public-private partnerships. This allows us to adeptly help clients as they envision new possibilities; set project parameters; establish key goals and design strategies; build consensus within the client group, stakeholders, and the public; and implement design at a world-class level of quality.

Of the five projects featured in Section 2 of this RFP, four (High Line, Navy Pier, Shelby Farms Park, and Seattle Central Waterfront) began with a national design competition, which segued into comprehensive, public master plans inspired by our winning scheme. These plans have translated into astonishing and transformational built projects.

Two other significant examples include our plan for the Presidio in San Francisco, now under construction, which includes a park built over a highway; and the Middle Branch in Baltimore, where we are about to complete a two-year planning process that has addressed equity and justice for disenfranchised black and brown South Baltimore communities.

MIDDLE BRANCH MASTER PLAN
BALTIMORE, MD

EQUITABLE AND INCLUSIVE PLANNING

Master Plans are powerful tools that allow a diverse set of experts and creative talents to channel the energy and imagination of cities and communities to meaningfully shape, re-imagine, and plan for more resilient and equitable futures.

Section 4 of this RFP addresses, in depth, our approach and commitment to equitable and inclusive design, in which procedural equity is of central importance to the planning process. For the Middle Branch, our work began with a communal mapping of "assets" and "inequities" and has been defined by partnerships, communication, and meaningful creative engagement.

We believe the equity and inclusiveness of the Lake Monona Waterfront Plan will define its success. To that end, we envision a robust and participatory engagement process which can benefit from Field Operations' extensive experience throughout the country, but ultimately will be defined in collaboration with the City of Madison Parks Division alongside a local equity and engagement team.

COMMUNITY ENGAGEMENT

We believe that a project cannot be successful without the active engagement and sense of ownership from the people who will use the places we make, as well as from as broad and inclusive of a community of voices as possible.

Engagement is about building relationships and we are committed to outreach and engagement processes

SOUTH BAY SPONGE HUB
SAN FRANCISCO, CA

SEATTLE CENTRAL WATERFRONT
PUBLIC MEETINGS

that build a strong coalition of supporters and include a wide range of people, voices, ideas and communities, equitably representing the diversity and character of Madison and the site's surrounding communities.

Our most successful engagement goes far beyond the typical model of public meetings and stakeholder workshops. We prefer a multi-layered and multi-pronged approach that is conversational, celebratory, and eventful. Engagement happens on the site itself and in neighborhood and community centers where people feel welcome. A few examples of our team's experience with community engagement follows:

- A significant emphasis of our **Shelby Farms Park** project was bringing together diverse communities and healing the deep wounds of racism that were embedded in the site's history as a Penal Farm. With a reinvigorated visitor-ship that has increased in diversity and tripled to over 3 million annually, the park's current success is in large part due to its ambitious engagement process. More than two dozen organized user groups were engaged in monthly sessions to provide iterative and detailed input on park design. Children were engaged in scavenger hunts, lecture series were organized, and community members participated alongside the client and design team in early activation planting and trail projects.
- Positive and wide-spread engagement has been critical to community and political support as well as the overall equity of our long-term and complex project for the **Seattle Central Waterfront**. Field Operations has successfully engaged diverse components of Seattle's community—from neighboring young families, to the business community, to First Nations tribes—through a process of interactive public meetings attended by thousands, one-on-one sessions with key stakeholders, and an innovative "early win" and "construction experience" initiative that foregrounded a new graphic identity and wayfinding system for the waterfront.
- As a means to translate a complicated issue and to spread the concept of "sponges" as a natural form of flood protection, Field Operations created a mobile hub of information, dubbed the 'Sponge Hub' for our 20-mile-long **South Bay Shoreline Resiliency** project. An Airstream wrapped in lime green traveled into communities with cotton candy, educational materials, and games with real sponges and water. The program's success was in the way it engaged community members whose voices were rarely heard—with over 1,000 people over the course of three months—by actively engaging them in their own neighborhoods and Spanish language.
- With over 30 years of experience in successfully guiding culturally sensitive projects, Quinn Evans has honed a process to amplify connections between unique resources and communities. Quinn Evans will bring this experience to the historic and culturally significant aspects of the Lake Monona Waterfront. Working with American Indian groups at the ASLA award-winning **Iowa Blood Run National Historic Landmark** project, Quinn Evans facilitated a highly collaborative process to guide the development of a nascent state park on the largest and most complex American Indian site associated with the Oneota cultural tradition.

SHELBY FARMS PARK
SCAVENGER HUNT ENGAGEMENT

TECHNICAL COMPETENCY & EXPERIENCE, CONT.

MULTI-MODAL TRANSPORTATION ENGINEERING

As the team's Multi-modal Transportation Designer, Toole Design brings significant experience in planning and design for shared use paths, multi use trails, and wayfinding sign systems for commuters and recreational users. Toole's past work includes individual trail plans, statewide trail master plans, feasibility studies, and detailed development of construction documents. They are the lead author of national trail design guidance documents, including the AASHTO Guide for the Development of Bicycle Facilities. With Toole's national leadership, local presence and experience on the John Nolen Drive Causeway project, there is no better consultant to address issues of multi-modal transportation along the Lake Monona Waterfront.

Field Operations and Toole are repeat collaborators, sharing the same values about accessible and connected cities. They are actively working on two large scale Master Plans.

- At the Philadelphia Navy Yard we are collaborating to integrate a multi-modal trail network, autonomous vehicle shuttle routes and bus rapid transit as a means to lend cohesion and connectivity throughout this 1,400 acre waterfront site.
- At the Middle Branch in Baltimore we are collaborating on complete streets, trail networks and a new pedestrian bridge, which is slated to be the longest the country once constructed.

SHELBY FARMS PARK, WOLF RIVER BRIDGE
MEMPHIS, TN

GUIWAN PARK
SHENZHEN, CHINA

TOOLE DESIGN
COLUMBIA, MD

PEDESTRIAN / BICYCLE STRUCTURES

From overlook walks to pedestrian bridges spanning rivers and canals, tree canopy walks and extensive boardwalks through mangroves; Field Operations has extensive experience designing and documenting pedestrian and bicycle bridge structures that are function, accessible and beautifully crafted. For the Lake Monona Challenge, MSA's bridge professionals will support the team to confirm overall feasibility of designs appropriate for a Master Plan level of development. Pedestrian and bicycle bridge structures often consist of prefabricated wood or steel truss superstructures. MSA's bridge team is currently part of the group working on the John Nolen Drive causeway structure replacements, including consideration for prefabricated steel truss structures along the Capital City Trail.

LAKE WATER QUALITY / LIMNOLOGY

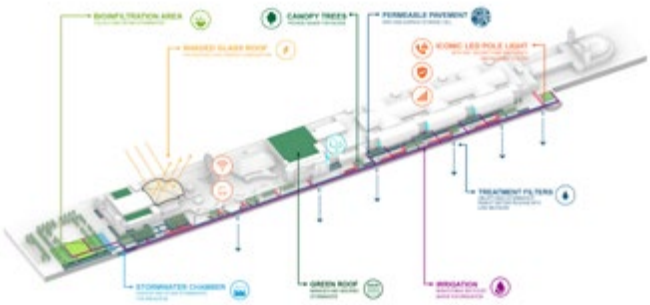
While the water quality of Lake Monona is a watershed issue that extends far beyond the Waterfront Challenge site, the team is committed to doing as much as possible to improve water quality within its scope, while simultaneously advocating for system-wide strategies to fully address the challenges of water quality. Project-scale solutions might include addressing stormwater runoff with vegetative buffers and naturalized shoreline, salt reduction in winter, and the creation of floating wetlands. Hillary Dugan from the Center for Limnology and Anchor QEA will collaborate with Field Operations to champion the team's water quality strategies.

Anchor QEA provides water quality services for freshwater, estuarine, and marine systems in a variety of regulatory frameworks. They design real-time and long-term water quality monitoring systems, model water quality under a variety of scenarios (working on sites that range from relatively pristine watersheds to developed, industrialized, and urban areas), and participate in major water quality studies throughout the United States.

Anchor QEA staff have expertise in developing and evaluating total maximum daily loads (TMDLs) to effectively restore impaired waters that allow for achievement of water quality standards for a range of constituents including dissolved oxygen, nutrients, fecal coliform, toxics, and sediments. They are also actively engaged in understanding how to monitor and manage the occurrence of harmful algal blooms.

STORMWATER MANAGEMENT

Stormwater management is critical in protecting our environment, reducing flooding, reducing demand on public stormwater drainage systems, and supporting healthy lakes, rivers, and streams. Field Operations has developed many stormwater solutions that exemplify best practices and utilize green infrastructure for multiple benefits including habitat creation, environmental restoration, and quality of life amenities. At Chicago's Navy Pier, Field Operations replaced aging stormwater infrastructure with a comprehensive and innovative systems approach to capturing, infiltrating and reusing stormwater water on site for irrigation, with biofiltration, permeable pavements, vegetative buffers and cisterns. These efforts contributed to the project's achievement of SITES Gold (the first in the world) in recognition for its unprecedented achievement of sustainable landscape metrics.



NAVY PIER SYSTEMS
CHICAGO, IL

In collaboration with Field Operations, MSA will support the development of stormwater solutions for the Lake Monona Waterfront by identifying opportunities and redflags as well as potential permitting strategies that are responsive to local regulatory frameworks. MSA offers in-depth regulatory understanding with technical expertise to plan, design, and permit improvements that manage stormwater effectively and efficiently while protecting receiving water bodies.

AQUATIC WATER HABITAT

Field Operations is committed to restoring, conserving, and regenerating natural systems and has unique experience with Aquatic Water Habitat restoration relevant to the Lake Monona waterfront's urban condition.

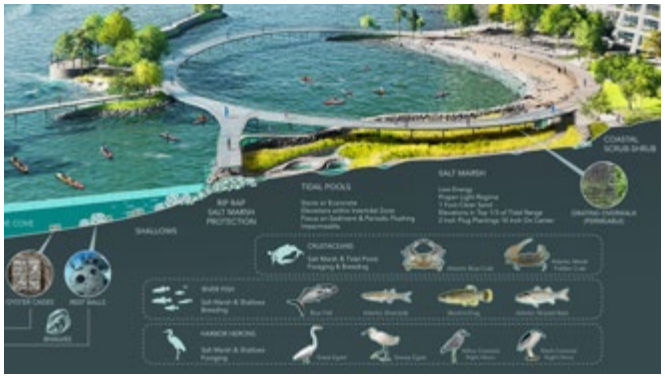
- At the Middle Branch in Baltimore beneficial dredge from the port authority is being used to reshape and regenerate miles of new "living shoreline," dramatically increasing shallow water habitat that has all but disappeared from the city's forgotten industrial harbor.

PEDESTRIAN / BICYCLE BRIDGE & LIVING SHORELINE
MIDDLE BRANCH PARK
BALTIMORE, MD

TECHNICAL COMPETENCY & EXPERIENCE, CONT.

- Along the Brooklyn Waterfront, a dramatic "River Ring" expands and protects the shoreline in one of the most challenged urban riverine environments in the country: the East River. Wave breaks create calmer waters to promote in-water access and nurture habitat. The project calls for the restoration of salt marshes, wetlands, oyster beds and tidal flats, enriching wildlife and habitat while creating protected areas that support ecological education and new recreational opportunities for the surrounding community.
- For Seattle's Central Waterfront, Field Operations collaborated with a multi-disciplinary engineering team including Anchor QEA to repair and reconnect a long interrupted salmon migratory run under a new light-penetrating waterfront promenade.

One of Anchor QEA's greatest areas of technical expertise is habitat restoration. They have designed and constructed restoration projects in small forest streams, urban channels, and large meandering alluvial rivers. Anchor QEA alongside other team members is poised to support pioneering concepts for restoring and enhancing aquatic water habitat along Lake Monona's shoreline.



SEATTLE SEAWALL
SEATTLE, WA

SHORELINE RESILIENCE

Field Operations and Anchor QEA's national experience with shoreline resiliency projects will allow for an innovative approach to protecting and connecting the Lake Monona shoreline for both ecological and human benefit. In addition to the three examples noted above, significant is Field Operations work for San Francisco's South Bay, which offered an unprecedented model for how to adapt our urban coastal areas in the face of climate change. While natural solutions that enhance water quality and aquatic water habitat will be prioritized, the team is adept with many forms of shoreline protection and stabilization.

In particular, Anchor QEA has extensive technical capabilities to evaluate and model nearshore marine environments and develop and implement shoreline protection projects. They combine practical field-based evidence with sophisticated coastal models to predict the vulnerability of the shorelines.

As part of the team who is supporting the redesign and reconstruction of the John Nolen Causeway, Anchor QEA used a wind-fetch analysis to determine wave heights along the edge of Lake Monona. GIS measurements of open water distances provide fetch information, and wind data was analyzed from the airport on Madison's east side. This analysis is embedded within our team and will help identify both specific opportunities to expand the causeway and provide new lake access as well as to shape the overall Design Challenge response for a more resilient shoreline.

STRUCTURAL DECKING

A significant aspect of the Lake Monona Design Challenge scope is the airspace and capping of John Nolen Drive near Law Park. Many of Field Operations'

PRESIDIO TUNNEL TOPS,
SAN FRANCISCO, CA

signature projects including the High Line and Chicago Navy Pier are built on structure and several more have included the new capping or burial of major highways.

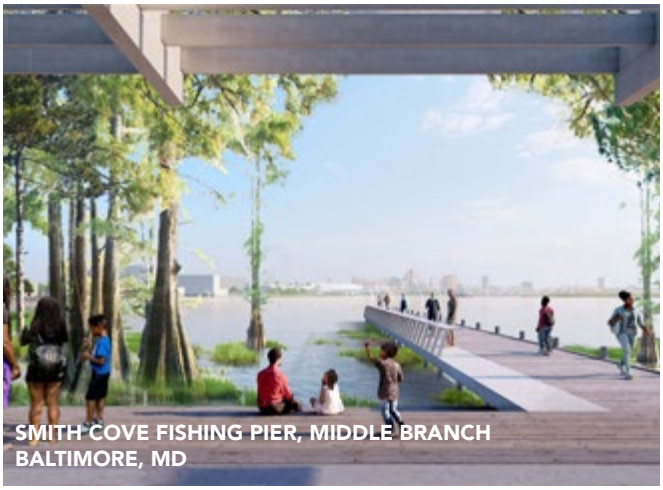
- The Seattle Central Waterfront project was catalyzed by an earthquake, which caused the structural failure and requisite demolition of the Alaskan Way Viaduct. An underground tunneled highway, at-grade streets, pedestrian bridges and new crossings are part of Field Operations' comprehensive solutions to reconnect the city with its waterfront . One of the most dramatic and significant features is the decked "Overlook Walk," which will connect Pike Place Market to the Aquarium and waterfront for the first time.
- At the Presidio in San Francisco, Field Operations has worked with CalTrans to design a significant pedestrian land bridge over a major Freeway, which previously served the historic Presidio from the lower Presidio Waterfront. While accommodating strict structural and other technical restrictions put in place by the bridge structure, our new design - "The Tunnel Tops" includes places for large gatherings, stunning views of the Golden Gate Bridge, and meandering paths down to the learning landscape below. In short, we have turned a pedestrian connection into a wholly integrated part of the park and a destination in itself.

Supporting the team with technical guidance will be MSA's group of structural engineers who specialize in the design of customized, site-specific bridge solutions. From concrete slab and prestressed girder bridges, to buried concrete arches and a wide array of retaining wall solutions, MSA has been designing both highway and waterway structures to WisDOT standards for over 40 years, providing a comprehensive understanding of the design requirements for bridge decks and substructures adjacent to traffic. MSA has further experience with unique deck configurations that require non-standard expansion joint placement to accommodate thermal movements in multiple directions. Their bridge team excels at developing solutions for the challenges posed by tight, urban corridors.

WATERFRONT STRUCTURES & AMENITIES

From fishing piers to boathouses, playgrounds to snack shacks, world-class promenades to civic stages; Field Operations has developed numerous waterfront structures and amenities to support access, recreation,


TSIM SHA TSUI WATERFRONT
HONG KONG, CHINA


SMITH COVE FISHING PIER, MIDDLE BRANCH
BALTIMORE, MD


NAVY PIER
CHICAGO, IL

TECHNICAL COMPETENCY & EXPERIENCE, CONT.

cultural programming, and engagement in and alongside the water. In all of Field Operations work, there is a special commitment to the design of vibrant and dynamic public spaces that are social and active, rooted in place and context, and in response to the communities these places will serve. For the Lake Monona Waterfront Challenge, a suite of new structures and amenities will be developed to share a design vocabulary that is both cohesive and distinctive, responsive to the site's context and architectural history. The number and range of amenities will be responsive to the preliminary feedback inventoried in the Lake Monona Waterfront Preliminary Report and are anticipated to include spaces for families and community events, non-motorized boat launches, piers, overlooks, multi-modal hubs, etc.

ADA & ACCESSIBLE DESIGN

Universal or inclusive design suggests that awareness of the differing ways that people move through, perceive, or react to an environment can be the primary informant of a design solution. Design details that truly follow a universal design approach should be inconspicuous, of the highest aesthetic standards, and should allow independent use by people of all abilities. Like the Lake Monona Waterfront site, many of Field Operations' projects address challenging site and topographic conditions that demand innovative approaches to ADA design and universal access. At Navy Pier, Field Operations collaborated closely with LCM Architects to develop a universally accessible outdoor amphitheater and seamless integration of a two-story public space. LCM's role as an advisor on the Lake Monona Waterfront challenge will assure the design team foreground issues of access from the earliest phase of the design process and throughout the design execution. This approach of integrating universal design principles aims for a design that welcomes visitors with the widest range of abilities, supporting the City of Madison's pursuit of excellence through diversity and inclusion.

NAVY PIER
CHICAGO, IL

GUIWAN PARK
SHENZHEN, CHINA

HIGH LINE
NEW YORK, NY

SECTION 4: EXPERIENCE AND IMPLEMENTATION OF EQUITABLE AND INCLUSIVE DESIGN


FIGHT FOR
FREEDOM
STAND WITH
HONG KONG


BLACK
LIVES
MATTER


EAST PALO ALTO

EQUITABLE AND INCLUSIVE DESIGN

Equitable and inclusive design is integrated with our process as a whole—from project visioning through design, implementation, and realization. We evaluate the equity of our projects through four lenses:

- Procedural equity: Is the planning and development processes transparent and collaborative?
- Distributional equity: Are the range and type of public amenities, services and programs evenly distributed within neighborhoods and do they meet the needs of the community? Dpes our project mitigate against the negative impacts of gentrification?
- Structural equity: Are public spaces welcoming and connected without barriers or gates? Are the means of connection free and universally accessible?
- Transgenerational equity: Do our projects address historic advantages and disadvantages? For instance, do they support the physical, mental and economic health of historically disenfranchised communities with a healthy environment, entrepreneurship, and education?

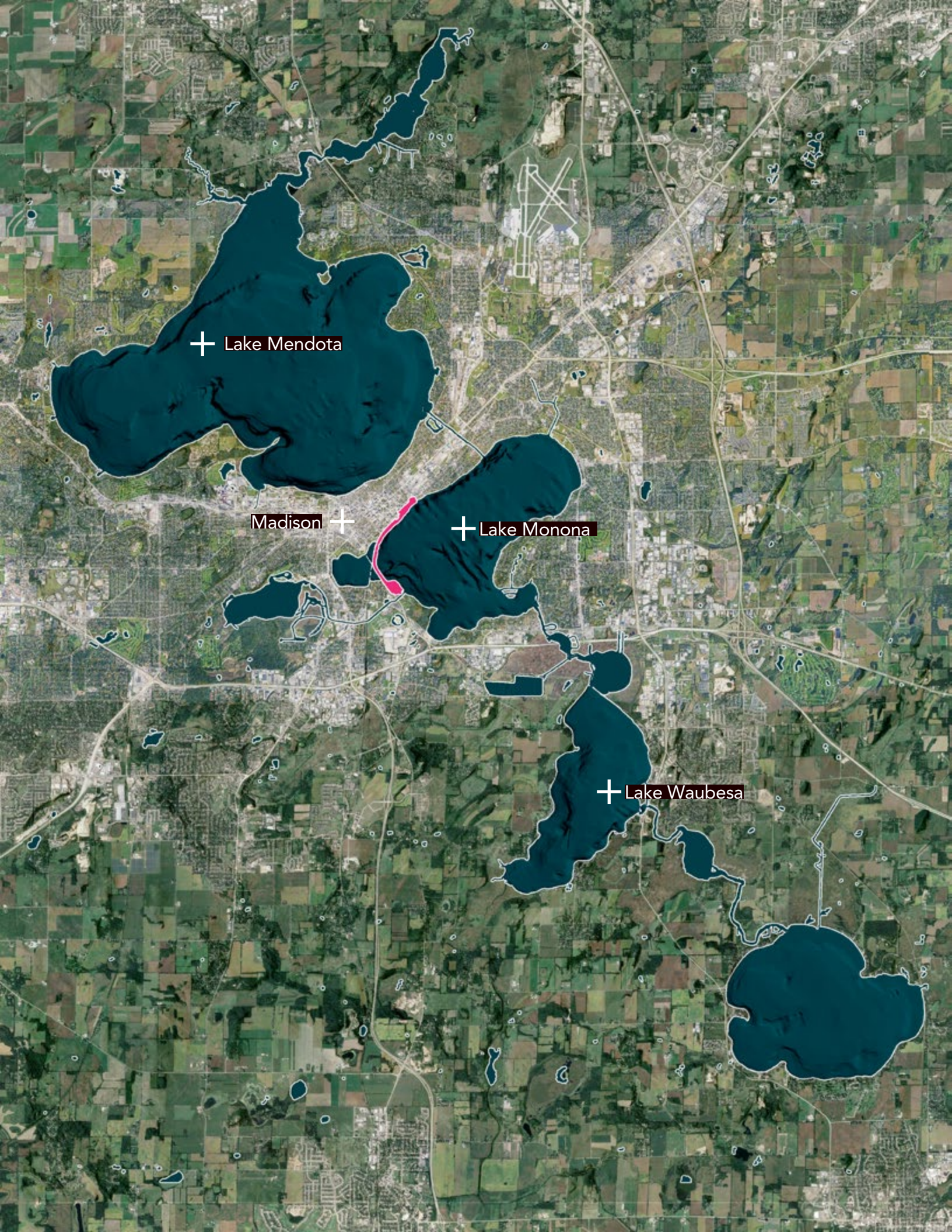
Measurable criteria helps to address systemic inequities through planning and design and allows us to realize the full potential of public open spaces to achieve more equitable and resilient cities.

One incredible example is our project for the Middle Branch in Baltimore: like many other cities, environment, health, and equity are intertwined. Historically disenfranchised black and brown communities are surrounded by one of the Chesapeake Bay's most derelict shorelines, severed from the waterfront by transportation infrastructure and vacant post-industrial land. Field Operations' process began with asset and inequity mapping, informed by community feedback. Working with the City of Baltimore and local non-profit South Baltimore Gateway Partnership, we set up a JEDI (Justice, Equity, Inclusion, and Diversity) committee to specifically review and evaluate whether or not design and planning decisions are addressing inequities.

In addition, the team is engaging, educating, and impacting the community throughout the planning process in unprecedented ways. Field Operations launched a design fellowships with the Baltimore HSBCU Morgan State, a high school design lab with students in South Baltimore, community festivals like "Splash!," and a trail demonstration project, a mobile project cart, as well as a story-telling initiative called "Voices of the Middle Branch," which exists on social media. The result is an unprecedented project and process that builds connections, relationships and a connected community even before the physical transformation of place has begun.

Field Operations' projects offer radical welcome and in Santa Monica's Tongva Park, Brooklyn's Domino Park, and Hong Kong's Tsim Sha Tsui Waterfront, these have become places for discourse, protest, and expression for expanded equity and freedom.

SECTION 5: UNDERSTANDING OF PROJECT SCOPE AND CHALLENGES


Lake Mendota
Madison
Lake Monona
Lake Waubesa

PROJECT APPROACH

For a project of this significance and transformative potential, one can't overstate the importance of vision, imagination, and creativity that are specific to place and Madison culture.

Accordingly, the Lake Monona Waterfront master plan must reflect the goals and values of the community. It is also important that the master plan is technicallly feasible and intelligent—it needs to be implementable, buildable, flexible, and resilient. With these ends in mind, we will draw inspiration from Madison's layered cultural and ecological histories, incorporate community input and feedback, and respond to the challenges presented by the site to develop a vision for Madison's future. In doing so, the resultant project will garner enthusiasm and support, transforming the Lake Monona Waterfront into a beloved destination for years to come.

We are excited by the opportunity to collaborate with the City of Madison to deliver a world-class park design and understand the project scope and challenges through the lens of five core values:

- Great parks define great cities.
- The shoreline is vital to the health of people and the environment.
- A significant challenge is waterfront access.
- Active and welcoming public spaces bring communities together.
- An extraordinary place will reflect history as it looks forward to the future.

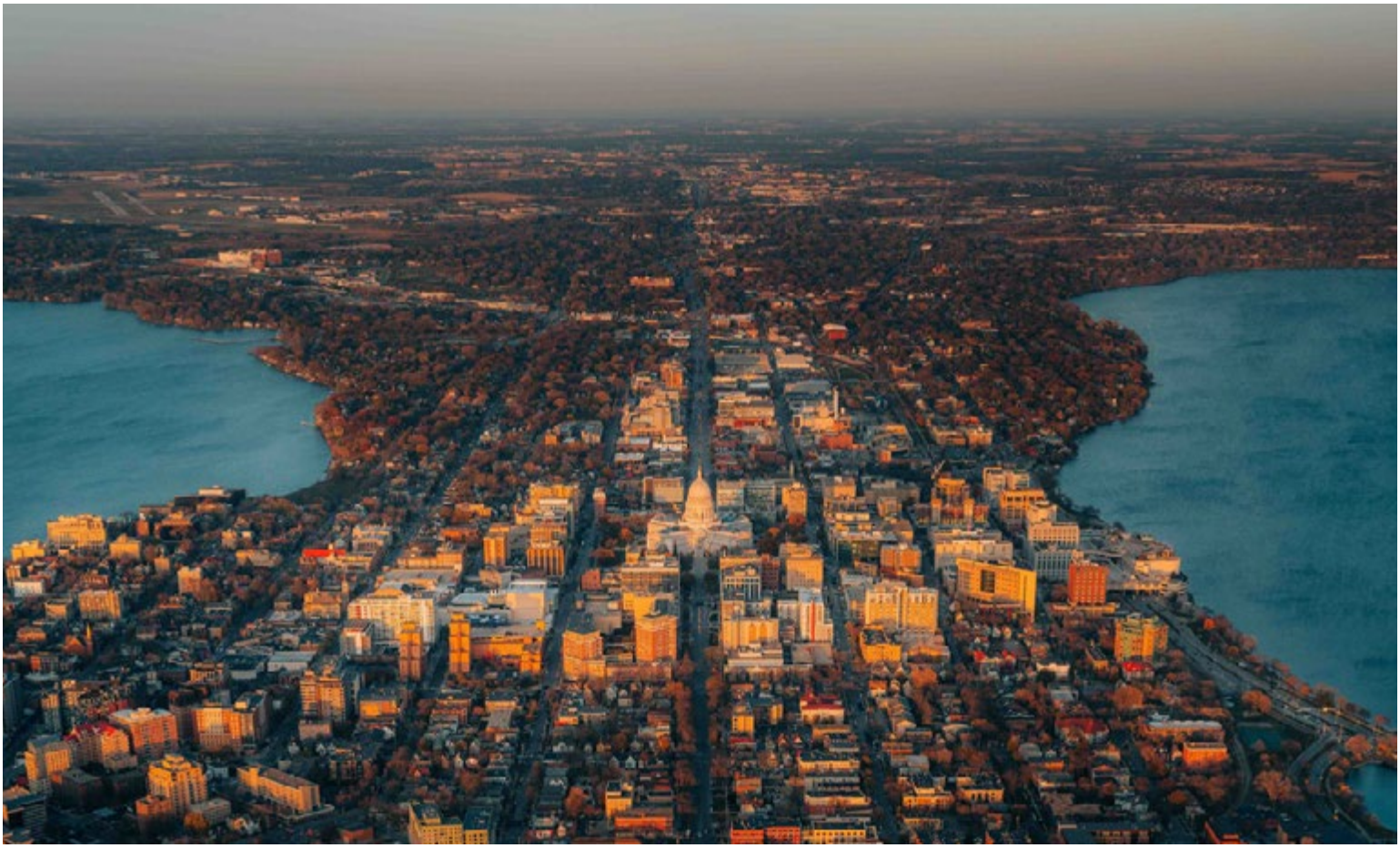
GREAT PARKS DEFINE GREAT CITIES

Through design we aim to create an extraordinary lakefront park with a unique and cohesive identity, capturing the very essence of Madison and supporting its continued growth.

Situated on a narrow isthmus, the identity and image of Wisconsin's capital city is inexorably linked to its surrounding lakes. Despite this proximity, the Lake Monona shoreline feels like a place apart. The Master Plan for Lake Monona Park offers an unprecedented opportunity for Madison to redefine its relationship to the lake, transforming its shoreline into one of the most extraordinary public parks in the country. Its unique site offers incredible potential for city and lake life to co-mingle—to be a leading-edge open space that combines quality of life amenities with a resilient and ecologically rich environment—unleashing a whole new sense of identity for Madison.

The park should also aspire to capture Madison's growth and changing momentum—by inventing, innovating, and testing new possibilities, from social uses and programming, to geometrical and formal expression, and from material craft and detail, to ecological function and performance. With plans to attract more people to Downtown Madison through the Alliant Energy Center and Destination District, attaching the Town of Madison, and other projects, a new waterfront park will help manage Madison's unprecedented growth as it lends cohesion and contemporary identity to the city.


Lake Mendota
Madison
Lake Monona



A SHORELINE IS VITAL TO THE HEALTH OF PEOPLE AND ENVIRONMENT

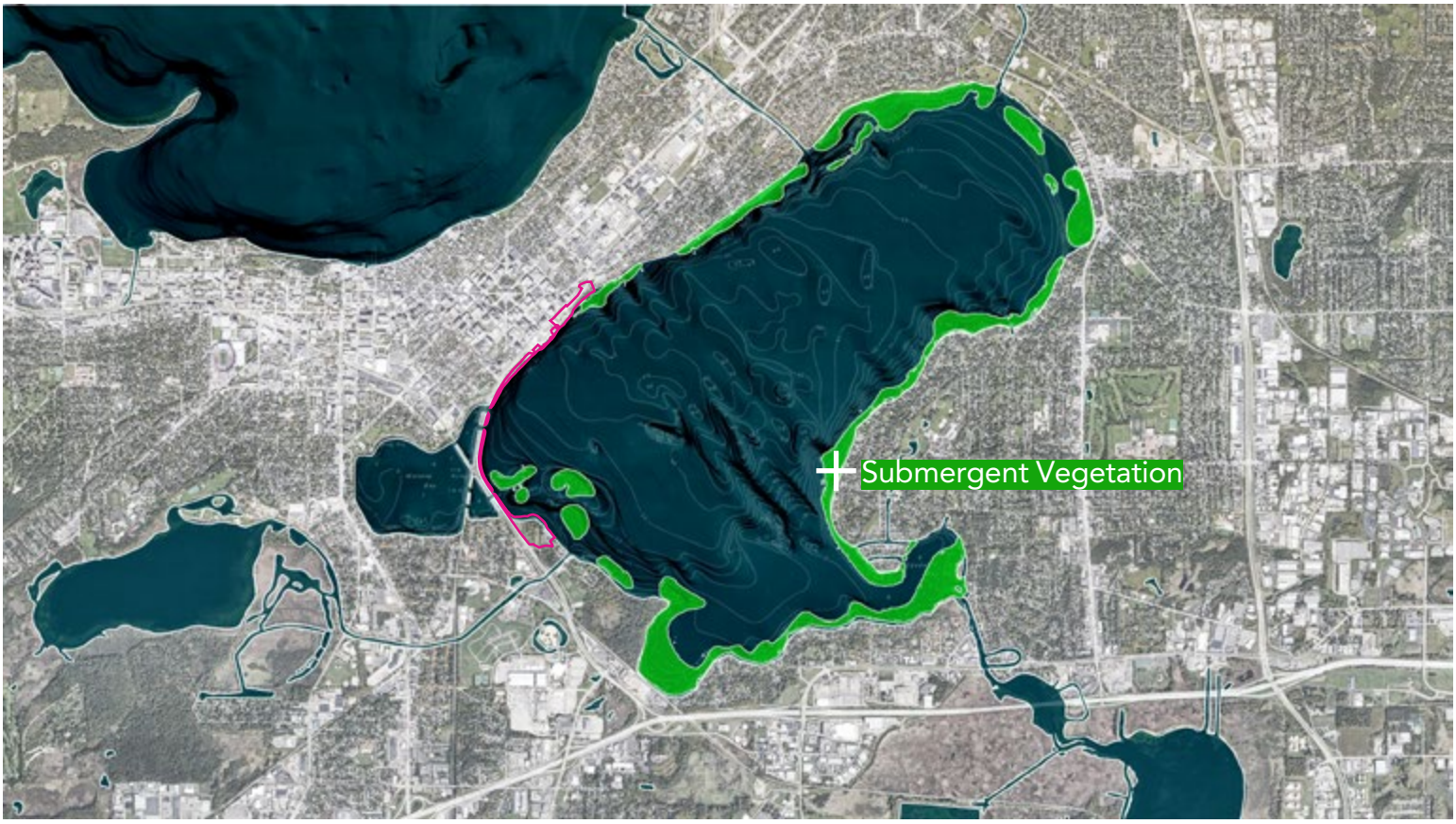
By protecting, reshaping, and enriching the edge of the lake, Lake Monona's shoreline can be a model for urban livability that improves human and environmental health alike.

As identified in the Lake Monona Waterfront preliminary report, the health of the lake is significantly compromised by Yahara watershed agricultural and urban runoff, salt from adjacent roads, large geese populations and debris. In fact, the lake can become so green with algae during summer months that it prevents activities such as swimming, boating, paddling, and fishing that should be an essential part of summertime life in Madison.

The hardest, most compromised, and environmentally "thin" edge of the lake is along the Lake Monona Park site boundary, making the opportunity to naturalize and "thicken" the edge of primary importance. An improved shoreline should be exemplary in its achievements: enhanced full-life fish habitats, stormwater management by way of new green infrastructure, and protection from the negative impacts of severe storms and floods due to climate change. Field Operations and Anchor QEA's national experience with innovative shoreline resiliency projects and aquatic habitat restoration, combined with local expertise out of the Center for Limnology at the University of Wisconsin-Madison will allow for an innovative approach to protecting and connecting the shoreline for both ecological and human benefit.

In addition to improved environmental health, the introduction of a more natural waterfront will greatly increase the health of Madisonians. In the post-Covid world where human health is paramount and weakened mental health threatens our collective well-being, the fact that nature is scientifically proven to have calming effects on our psyche is significant. Oliver Sacks, Professor of Neurology, NYC School of Medicine says, "I cannot say exactly how nature exerts its calming and organizing effects on our brains, but I have seen its restorative and healing powers of nature, even for those who are deeply disabled neurologically. In many cases, nature is more powerful than any medication."

The Lake Monona Waterfront Park presents an opportunity to address human health in terms of physical, mental, and social well-being. We envision a park that invites Madisonians and visitors alike to pause and reflect; exercise and play; and socialize. We envision a place that inspires imagination, restores health and well-being, and delights the soul.


+ Submergent Vegetation

A SIGNIFICANT CHALLENGE IS WATERFRONT ACCESS

With universally accessible connections and multi-modal trails, Lake Monona's Waterfront will become a vital connective tissue within Madison, unifying disparate neighborhoods and providing a new gateway into the city.

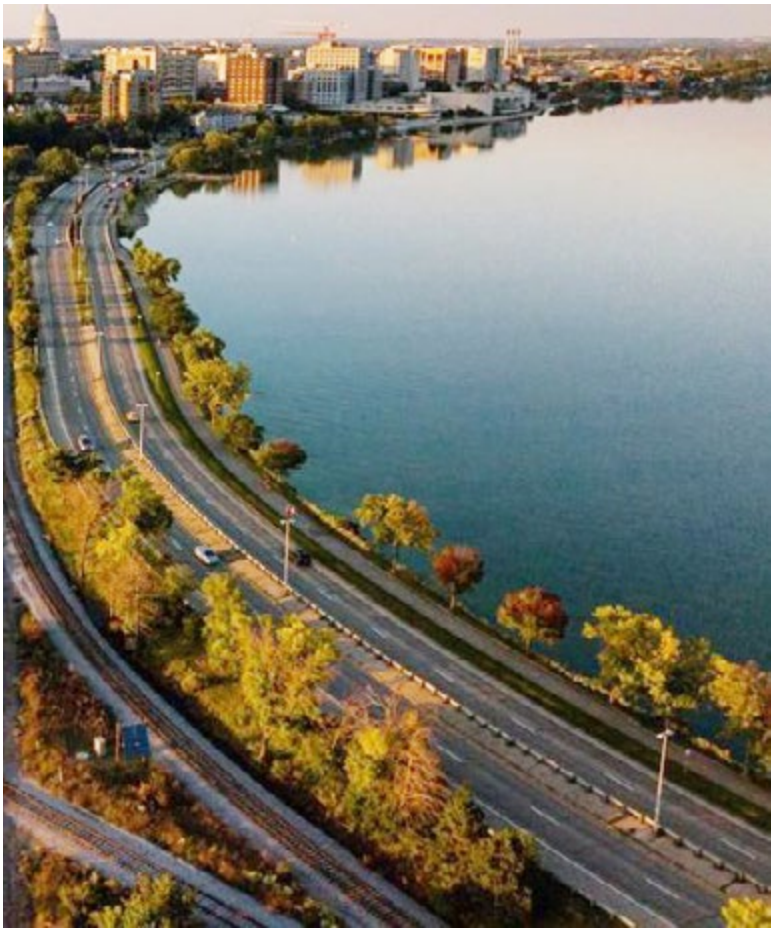
The site's topography, narrow width, and adjacent highway and rail infrastructure together present the biggest challenge facing the planning, development and design of the Lake Monona Waterfront: access. It is critical that we develop a strong set of physical and visual connections that tie and link all parts of the waterfront to the city in a way that is seamless and inviting.

The scope of the project includes air space over the northern side of John Nolen Drive and suggests opportunities for new pedestrian bridges, openings, and other universally accessible connections between downtown Madison and the lakefront. This is not an unusual challenge for us at Field Operations, as many of our past projects have had similar hurdles. Seattle Central Waterfront and Presidio Tunnel Tops are both significant, nationally-recognized precedents that include newly constructed streets and pedestrian land-bridges on top of large waterfront highways. They address the challenge of access and topography as a site asset with meadow balconies for views and connective pedestrian infrastructure that doubles as a civic space and expanded parkland.

Equally important to the John Nolen air space are connections to the south. The John Nolen Drive Causeway is a vital connective corridor, but limited in width, uncomfortable for pedestrians and cyclists, and a far cry from the linear park it could be. Cities throughout the country are transforming themselves by emphasizing new green and multimodal networks that accommodate transit, e-bikes and autonomous shuttles, de-emphasizing a reliance on private vehicles. The Causeway has the potential to foreshadow this future in Madison and, in doing so, become a significant gateway destination—a place to get to rather than one to pass through.

The Lake Monona Waterfront has the potential to not only create multiple connections within the city, but to strategically elevate some of those connections. Designed as fully integrated components of the park, these can become features and destinations unto themselves.


Lake Monona
Lake View
Capital View
John Nolen Dr
Blocked Captial View
Rail



ACTIVE, OPEN AND WELCOMING PUBLIC SPACES BRING COMMUNITIES TOGETHER

Community speaks to a sense of belonging and to the unique energy found in an exposure to social and cultural diversity. This exposure is catalyzed by a wide range of inviting experiences, episodes and events throughout the site and the year.

While parks and open spaces are often recognized for their environmental, aesthetic and recreational benefits, they also support expressions of diversity, equity, and inclusion. They build community. The Lake Monona Waterfront should be a community gathering space where people from all walks of life feel welcome and come together.

Feedback and collaboration with stakeholders is of the utmost importance in this regard. While Lake Monona's waterfront is already active and eventful with events such as the Ironman Competition, ice boat races, and Ride the Drive, stakeholders want to see it even more so, with opportunities to celebrate diverse cultural heritages, multi-generational events, family space for picnics, food carts, and youth activities and programs. There is also a desire to amplify more equitable access to the activities tied to the lake itself such as boating and water skiing.

Day-to-day passive areas are also essential, with pathways and trails for strolling, jogging, cycling, roller blading and sitting, all setting the stage for serendipitous exchange. The waterfront should be active, alive, and vibrant at all times of the day throughout the year. Eventfulness and people are key to its success.

The design of the waterfront should set the stage for these activities and events, positioning it as a place to celebrate life in the city for years to come.


University of Wisconsin-Madison
Wisconsin State Capital
Bettty Lou Cruise
Beach
Lawn Park
Ski Jump
Ski Team Docks
Monona Terrace
Boat & Kayak Launch
Ironman Competition Transition Pt
Lawn Park
Fishing Pier
Lake Monona
Capital City Trail
Monona Sailing Club
Ice Hiking Entrance Pt
Olin Park
Ice Boating Race Launch Pt

AN EXTRAORDINARY PLACE WILL REFLECT HISTORY AS IT LOOKS FORWARD TO THE FUTURE

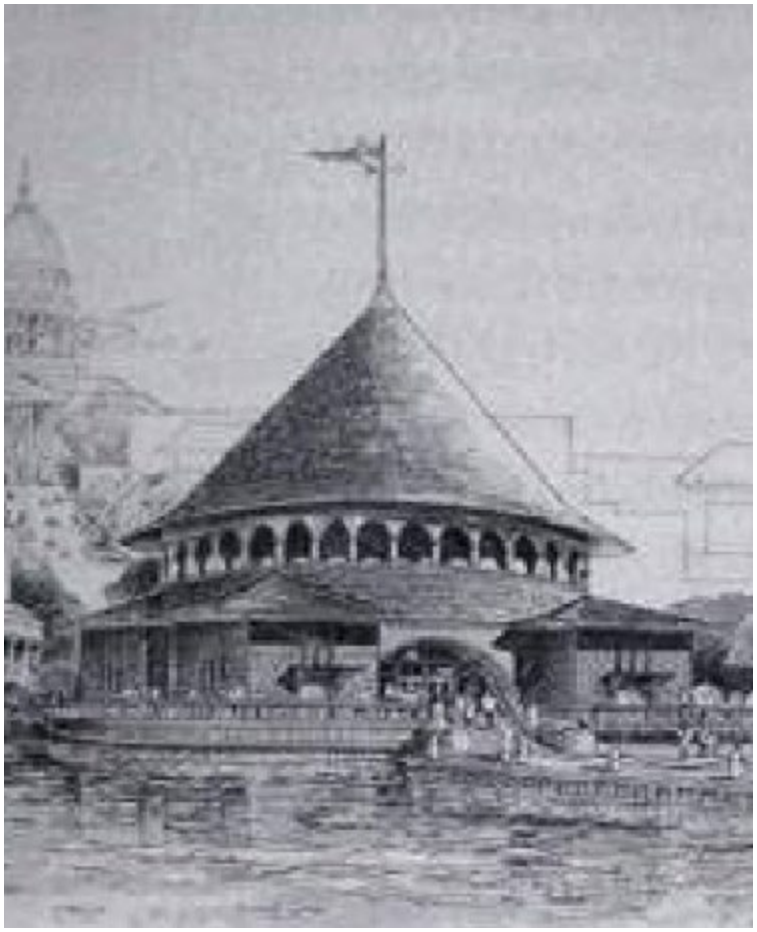
Lake Monona Park can and should celebrate the drama and power of the site's layered history as it brings forward new narratives while also reflecting the growth and momentum of Madison today.

A strong sense of place is always bound into the specific qualities of location, geography, ecology, history, culture and time. Lake Monona is already an inspiring landscape, layered with history—from the Ho-Chunk Nation who stewarded the land before European settlement to John Nolen who imagined an extraordinary lakefront park system at the turn of the 19th century, to Frank Lloyd Wright whose Madison roots must have inspired his architecture that is so deeply connected with the natural environment.

Indeed, the creation of a new park can be the means by which these many narratives intersect, rediscovering and reshaping one another and providing fruitful territory for exploring the meanings, histories, and uses of the park.


LAKE


DOTA
LAKE MONONA
LAKE
WAUBESA



TAOPU CENTRAL PARK
SHANGHAI, CHINA

RESUMES

JAMES CORNER, RLA, FASLA

Design Director

James Corner is Founder and CEO of James Corner Field Operations. He has devoted the past 30 years to advancing the field of landscape architecture and urbanism, primarily through his leadership on high-visibility, complex urban projects around the world, as well as through teaching, public speaking, and writing.

Important public realm design projects include New York's highly-acclaimed High Line; London's South Park at Queen Elizabeth Olympic Park; Santa Monica's Tongva Park; Chicago's Navy Pier; Cleveland's Public Square; Seattle's Central Waterfront; San Francisco's Presidio Tunnel Tops; Hong Kong's Salisbury Garden and Avenue of the Stars; Doha's new Arts and Cultural District; and Shenzhen's Master Plan for the City of Qianhai.

James has been recognized with the Cooper Hewitt National Design Award, the American Academy of Arts and Letters Award in Architecture, the Daimler-Chrysler Design Excellence Award, and the AA&D Black Pencil Award. His work has been published broadly and exhibited at the New York Museum of Modern Art, the Cooper Hewitt Design Museum, the National Building Museum, the Royal Academy of Art in London, and the Venice Biennale.

His books include *The High Line: Foreseen/Unforeseen* (Phaidon, 2015), *The Landscape Imagination* (Princeton, 2014); *Recovering Landscape* (Princeton, 1999), and *Taking Measures Across the American Landscape* (Yale, 1996). He was named by *TIME* as one of "Ten Most Influential Designers;" by *Fast Company* as one of the "Top 50 Innovators;" and has been featured in many prominent publications.

James received a B.A. (First Hons) from Manchester Metropolitan University; an M.L.A./U.Des. from the University of Pennsylvania School of Design; an Honorary Doctorate in Architecture and Engineering (Dr.-Ing. E.h.) from the Technical University of Munich; and a Doctor of Design (*honoris causa*) from Manchester Metropolitan University.

He is emeritus Professor of Landscape Architecture and Urbanism at the University of Pennsylvania School of Design, where he has served on the faculty since 1989, and as Professor and Chairman 2000–2013. He is emeritus Board Member of the Urban Design Forum, sits on the Board of the Government Advisory Board of Shenzhen, and is an Elected Member of the American Academy of Arts and Letters.

education
University of Pennsylvania, School of Design, Philadelphia, PA
Master of Landscape Architecture and Urban Design

Manchester Metropolitan University School of Architecture, Manchester, UK
Bachelor of Arts in Architecture and Landscape Architecture, First Honors

professional
James Corner Field Operations, New York, NY, 1995–present
Wallace Roberts and Todd, Philadelphia, PA, 1986–89
Robert Fleming Associates, Philadelphia, PA, 1984–86
Richard Rogers and Partners, London, UK, 1983–84
Gillespies, Liverpool, UK, 1982–83

professional affiliations
Urban Design Forum, Board Member, 2018–22; Emeritus Member 2022–present
Government Advisory Board of Shenzhen

academic
Professor of Landscape Architecture, University of Pennsylvania School of Design, 1990–2016
Chairman of the Department of Landscape Architecture, 2000–13
Visiting Professor, Royal Technical University (KTH) School of Architecture, Stockholm, Sweden, 2000
Visiting Professor, Graduate School of Architecture, Planning, and Preservation, Columbia University, 1998
Visiting Professor, Royal Danish Academy of Art, Copenhagen, 1997
Jens Jensen Professor of Landscape and Urbanism, University of Illinois at Chicago, 1996
Visiting Professor, University of Norway, 1993

awards
Numerous national and international awards, including:
American Academy of Arts and Letters Member, 2021
ASLA Landscape Architecture Firm Award, 2020
Doctor of Design (*honoris causa*), Manchester Metropolitan University, 2019
Honorary Doctorate in Architecture and Engineering (Dr.-Ing. E.h.), Technical University of Munich, 2018
Cooper Hewitt National Design Award, 2010
ASLA Honor Award and AIA Urban Design Honor Award for The High Line, 2010
D&AD Black Pencil Award, 2010
Wallpaper Life-Enhancer of the Year Award, 2010

Time "Ten Most Influential Designers", 2007
American Academy of Arts and Letters, Academy Award in Architecture, 2004
Esquire Best and Brightest Award, 2002
Daimler-Chrysler Design Award for Innovation in Design, 2000
Architectural League of New York Design Award, 2000
International Book of the Year Award, American Institute of Architects for *Taking Measures Across the American Landscape*, 1997
George Holmes-Perkins Award, Graduate School of Fine Arts, University of Pennsylvania for Distinguished Teaching and Innovation in Methods of Instruction, 1995

publications

Numerous books, essays and articles, including:
The High Line, Phaidon, 2015
The Landscape Imagination, Princeton, 2014
Taking Measures Across the American Landscape, Yale, 1996
Recovering Landscape: Essays in Contemporary Landscape Architecture, Princeton, 1999
"The Long View," *Metropolis*, 2008
"Foreword," *Large Parks*, 2007
"Terra Fluxus," *The Landscape Urbanism Reader*, 2006
"The Aerial American Landscape," 2002

practice

High Line, New York, NY
High Line Moynihan Connector, New York, NY
Presidio Tunnel Tops, San Francisco, CA
Camden Highline, London, UK
Georgetown Canal Plan, Washington, D.C.
Kennedy Center – Memorial Interpretation Master Plan, Washington, D.C.
Northeast False Creek, Vancouver, BC, Canada
Tsim Sha Tsui Waterfront – Avenue of Stars + Salisbury Garden, Hong Kong, China
Dubai Waterfront Promenade, Dubai, United Arab Emirates
Pier 70, San Francisco, CA
Navy Pier, Chicago, IL
South Park Plaza at Queen Elizabeth Olympic Park South, London, UK
Central Waterfront, Seattle, WA
Tongva Park and Ken Genser Square, Santa Monica, CA
Public Square, Cleveland, OH
IABR, Urban Metabolism, Rotterdam, The Netherlands
Qianhai Water City, Shenzhen, China
Shum Yip Upper Hills Development, Shenzhen, China
Dachong Village Mixed-Use Development, Shenzhen, China
OCT Pedestrian Landscape, Shenzhen, China
MGM Mirage City Center, Las Vegas, NV
Race Street Pier and Connector, Philadelphia, PA
South Street Seaport, New York, NY
Shelby Farms Park, Memphis, TN
Knight Plaza, Miami, FL
Greenpoint Landing Waterfront, Brooklyn, NY
Halletts Point, Queens, NY
Domino Park, Brooklyn, NY
Manhattan West, New York, NY
Samsung Campus Master Plan, South Korea
Cornell Tech Campus, Roosevelt Island, NY
Navy Yard Central Green, Philadelphia, PA
MOCAD Plaza, Detroit, MI
Millennium Hollywood Development, Los Angeles, CA
Knowledge Corridor, San Juan, Puerto Rico
Lake Ontario Park, Toronto, Canada
Columbia University Open Space & Square, New York, NY
Heng-Chun Tropical Botanical Gardens, Heng-Chun, Taiwan
Freshkills Park, Staten Island, NY
University of Puerto Rico, Rio Piedras Campus, San Juan, Puerto Rico
Puerto Rico Botanical Garden, San Juan, Puerto Rico

SARAH WEIDNER ASTHEIMER, RLA, ASLA

Principal-in-Charge

From innovative community workshops to design and construction administration, Sarah has successfully led projects that reflect strong contemporary design and a commitment to sustainable best management practices and ideals.

With over 15 years at Field Operations, Sarah leads the office's Philadelphia studio and is the Principal-in-Charge of several significant public realm projects, including Baltimore's Middle Branch with over 11 linear miles of new waterfront parkland; the Master Plan for Philadelphia's Navy Yard; Amazon HQ2 's Met Park in Arlington, VA; and the Georgetown Canal Plan in Washington, D.C. Sarah was the Principal-in-Charge for a multi-phase, massive transformation of Chicago's Navy Pier. She was also the project manager and lead designer for the award-winning Tongva Park in downtown Santa Monica, Central Green at the Philadelphia Navy Yard, and the Woodland Discovery Playground in Memphis. Sarah's strong leadership and impeccable organizational skills translated into on-time and on-budget delivery of these highly-complex projects.

Sarah works to promote the advancement of sustainability within the field of Landscape Architecture and was significantly involved with the development of SITES®, the most comprehensive international system for developing and evaluating sustainable landscapes. Chicago's Navy Pier was the first gold-certified SITES® project and the Woodland Discovery Playground was the first certified pilot project.

As a respected professional within her field, Sarah has lectured at the University of Pennsylvania, Pratt University, Chicago Ideas Week, and at national and state AIA, ASLA, Greenbuild, and NeoCon conferences. She was also a lecturer in the Department of Landscape Architecture at the University of Pennsylvania School of Design for five years.

Sarah earned her Master of Landscape Architecture degree from the University of Pennsylvania, where she won the Ian L. McHarg Prize for Excellence, and her Bachelor of Arts in the Growth and Structure of Cities from Haverford and Bryn Mawr Colleges, where she received the Bolton Foundation Award. Sarah is a registered landscape architect in Pennsylvania and California, and is on the board for Friends of the Wissahickon Park and the Dean's Council at PennDesign.

education
University of Pennsylvania, School of Design, Philadelphia, PA
Master of Landscape Architecture

Haverford and Bryn Mawr Colleges, Bryn Mawr, PA
Bachelor of Arts in Growth and Structure of Cities

licensure
Pennsylvania
California

professional
James Corner Field Operations, New York, NY
Martha Schwartz Partners, London, UK
Voith and Mactavish Architects, Philadelphia, PA
OLIN, Philadelphia, PA

academic
Media Instructor and Lecturer, University of Pennsylvania, School of Design

awards
PA-DE ASLA Merit Award: Navy Pier, 2019
AIA Regional & Urban Design Award: Shelby Farms Park, 2019
ASLA Honor Award: Tongva Park and Ken Genser Square, 2018
PCI Design Award: Knight Plaza, 2016
ULI Philadelphia's Annual Willard G. Rouse III Award for Excellence: Central Green at the Navy Yard, 2016
ASLA-NY, Merit Award: Philadelphia Navy Yard Central Green, 2016
ArchDaily, 100 Most Important Works of Architecture: Philadelphia Navy Yard Central Green, 2016
Architizer A+ Awards, People's Choice Award | Public Park: Philadelphia Navy Yard Central Green, 2016
ULI Open Space Award, Finalist: Tongva Park and Ken Genser Square, 2015
APA National Planning Achievement Award: Tongva Park and Ken Genser Square, 2015
Architizer A+ Awards, Jury's Choice Award | Public Park: Tongva Park and Ken Genser Square, 2015
ASLA-NY Merit Award: Tongva Park and Ken Genser Square, 2014
AIALA Award: Tongva Park and Ken Genser Square, 2014
AIACC Urban Design Award: Tongva Park and Ken Genser Square, 2014
Westside Urban Forum's "Westside Prize" Design Award: Tongva Park, 2014
PA-DE ASLA Merit Award: Navy Pier, 2019
AIA Regional & Urban Design Award: Shelby Farms Park, 2019
ASLA Honor Award: Tongva Park and Ken Genser Square, 2018
PCI Design Award: Knight Plaza, 2016

select projects

Tongva Park, Santa Monica, CA
Sarah was the Project Manager and Project Designer for Tongva Park, in Santa Monica, CA. Through this project, Field Operations transformed a former parking lot into a dynamic topography and lush landscape of rolling hills, meadows, and gardens that is now celebrated as an important destination and center for the community. The design was shaped by an extensive community engagement process and is inspired by the Southern California arroyo landscape, where topographic washes and ravines once defined the site. The park is enormously successful and popular with both residents and visitors to Santa Monica, and has received numerous national design awards.

Navy Pier, Chicago, IL
At Navy Pier, in Chicago, IL, the first SITES Gold-certified project in the world, Sarah guided innovative interdisciplinary solutions to addressing the Navy Pier's aging infrastructure, a massive over-hall of the Pier's public spaces for universal accessibility, and retrofitted entrance featuring new roads, curbless streets, and several new outdoor performance venues. From local residents, preservation advocates, accessibility stakeholders, non-profit arts groups, to Mayor Emanuel, Sarah built enthusiasm for the project with her exception communication skills. In addition, Sarah has been the Principal-in-charge of over seven active projects in and around Culver City.

Tidal Basin Ideas Lab, Washington, D.C.
Sarah was the Principal-in-Charge of the Field Operations team participating in the Tidal Basin Ideas Lab. The Tidal Basin itself is a cultural touchstone and a prominent attraction along the National Mall, and faces many issues today due to years of delayed maintenance and climate change. These include rising water levels that lead to daily inundation of the paths and cherry trees and increasingly intense and frequent storms. These issues represent a microcosm of the broader impact of climate change on our cities, parks, historic sites, and cultural resources. Field Operations proposed three scenarios in the Ideas Lab, which together construct an argument about the significance of these problems and how to best solve them.

Kennedy Center for the Performing Arts, Public Space Master Plan, Washington, D.C.
Sarah was also the Principal-in-Charge for the Public Space Masterplan for the Kennedy Center for the Performing Arts in Washington, D.C. The masterplan's framework elevates the Center's role as a living memorial while creating a richly diverse experience that attracts new visitors and encourages existing patrons to come back again and again, and supports Kennedy's belief that the arts should be available to everyone. The master plan, which was completed in April 2019, breathes new life into the Center's public space while paying special attention to visitors' approach to the campus.

Navy Yard Central Green & Master Plan Update, Philadelphia, PA
Sarah was the Project Manager for the 5-acre Central Green designed by Field Operations at the heart of the Philadelphia Navy Yard Corporate Center. While the park functions incredibly well as a center for activity and programming within the Corporate Campus, the more unexpected and perhaps more exiting result of the project is that it has become an attraction for young families and a draw for South Philadelphia residents. It is a destination for learning to ride a bike, playing bocce, sunbathing, and swinging in a hammock—a place to experience joy and delight in the city. Field Operations will now be leading the Navy Yard Master Plan Update, uniting corporate uses, manufacturing, and new residents with Philadelphia's newest and most innovative neighborhood.

Middle Branch Waterfront Vision & Implementation Plan, Baltimore, MD
Sarah is the Principal-in-Charge of the new Middle Branch Waterfront, which is a project to develop a new "park-shed" around 11 miles of shoreline in of the most contaminated areas of Baltimore. Surrounded by historically red-lined communities who have been subjected to environmental inequities for decades, the project is an unprecedented opportunity to bring dramatic improvement to health and quality of life in South Baltimore. Field Operations is the prime consultant for the Master Plan, with a diverse consultant that is motivated to bring justice, equity and inclusion to both the place and the planning process.

Georgetown Canal, Washington, D.C.
Sarah is the Principal-in-Charge for the Georgetown Canal Plan, which reimagines the one-mile section of the Chesapeake & Ohio Canal National Historical Park that runs through Washington, D.C.'s Georgetown neighborhood. The new design highlights the Canal's national significance by reshaping this southernmost section into a dynamic, urban national park while at the same time respecting and honoring its historic character, providing a memorable and enriching experience for all who live in or visit the nation's capital.

years with firm since 2005

MEGAN BORN, RLA

Project Manager

Megan is a registered landscape architect and urban designer at James Corner Field Operations. Megan is currently leading multiple projects in Philadelphia, including a new major waterfront redevelopment and a central urban plaza, and the office's contributions to the Tidal Basin Ideas Lab in Washington, D.C. Previously Megan was the project manager for a number of Field Operations' high-profile public realm projects over the years, including the redesign of Minneapolis' Nicollet Mall, a 1-mile-long, 14-acre streetscape project in downtown Minneapolis, from the winning design competition entry through construction. She was the lead designer of the winning competition entry for the Presidio Parklands project in San Francisco as well as Seattle's Central Waterfront Framework Plan and Concept Design, and led early concept studies for the High Line Spur in New York.

As a lecturer in the Department of Landscape Architecture at the University of Pennsylvania School of Design, she teaches graduate design studios and courses in media and representation. She is also the co-editor of *Via Dirt* (MIT Press, 2012), which critically explores landscape's role in contemporary design practice.

Megan earned her Master of Landscape Architecture and Master of Architecture degrees from the University of Pennsylvania, where she was awarded the prestigious Ian L. McHarg Prize for Excellence in Ecological Design, and her Bachelor of Arts degree from Fordham University. Megan is a registered landscape architect in Pennsylvania.

education

University of Pennsylvania, School of Design, Philadelphia, PA
Master of Landscape Architecture
Master of Architecture

Fordham University, New York, NY
Bachelor of Arts in Political Science and Government, cum laude

registrations

Licensed landscape architect: PA

professional

James Corner Field Operations, Philadelphia, PA
PORT Urbanism, Philadelphia, PA
Ruy Klein, New York, NY
Weiss/Manfredi Architects, New York, NY

academic

Lecturer (Dept of Landscape Architecture, Dept of Architecture), University of Pennsylvania, School of Design
Lecturer, Yale University, School of Architecture
Guest Critic, Pratt Institute, University of Michigan, University of Illinois, and the University of Minnesota

select projects

Middle Branch Waterfront, Baltimore, MD
Megan is the Project Manager for the Middle Branch Waterfront Master Plan, working with the City of Baltimore, South Baltimore Gateway Partnership, Parks & People Foundation, community partners, and a local and national design team. At its heart an environmental justice project, Reimagine Middle Branch creates a new park system for South Baltimore that supports health, vitality, and catalyzes local economic growth. Guided by equity frameworks, these organize a series of projects to be implemented over the next two decades.

Presidio Tunnel Tops, San Francisco, CA
Megan was the Project Manager and Lead Designer of Field Operations' winning entry in the international design competition in 2014, to develop a 14-acre "tunnel top" parkland for San Francisco's historic Presidio. Megan was instrumental in defining the design strategy, which amplifies the extraordinary site and setting on the San Francisco Bay, honors the history of the Presidio landscape, and celebrates the social life of the park through a series of connective pathways, bluff landscapes, dynamic overlooks, and social gathering places. Carefully calibrated towards technical feasibility, the park design bridges over the newly tunneled Presidio Parkway.

Central Waterfront, Seattle, WA
Megan was the Project Manager and Lead Designer for Field Operations' Master Plan and Concept Design for 1.5 miles of Seattle's Central Waterfront. Developed in close coordination with large-scale infrastructural projects, including the construction of a new seawall, a deep-bore tunnel, and the demolition of the Alaskan Way viaduct, the master plan re-centers Seattle on Elliott Bay with an enhanced public realm connecting downtown to Elliott Bay, and a greener and more sustainable waterfront. Megan worked closely with the team's large engineering team to develop a pedestrian promenade and fully integrated complete streets design that includes integrated stormwater management, native-based gardens, kiosks and wayfinding, historic railings, new and redesigned piers, and redesigned pedestrian connections back into the city fabric.

years with firm

2008–16, since 2019

KARLI MOLTER, RA, AIA

Project Designer

Karli is a landscape and urban designer at James Corner Field Operations, where she is currently managing the project team for Amazon's HQ2 corporate headquarters' roof terraces and park in Arlington. She previously managed the team for the Lincoln Yards North project in Chicago.

Prior to joining Field Operations, Karli was an Assistant Professor in the Landscape Architecture Department at the Rhode Island School of Design, teaching with a focus on public space design, visualization, and representation. She has also taught design studios at the University of Pennsylvania and Cornell University in their landscape architecture and architecture departments, respectively.

Karli was previously an architect and landscape designer for Snøhetta in New York City, working on a wide range of significant public projects. She was a core team member for the Temple University Library project in Philadelphia, Harvard House Zero project (a net zero research lab for the Harvard Center for Green Buildings and Cities) in Cambridge, and the proposal for the Golden State Warriors Complex and Waterfront Park in San Francisco.

Karli holds Master of Landscape Architecture and Master of Architecture degrees from the University of Pennsylvania School of Design. She is a licensed architect in the state of New York.

education

University of Pennsylvania, School of Design, Philadelphia, PA
Master of Landscape Architecture
Master of Architecture

Ball State University, College of Architecture and Planning, Muncie, IN
Bachelor of Architecture
Minor in Landscape Architecture

registrations

Licensed architect: NY

professional

James Corner Field Operations, Philadelphia, PA
Snøhetta, New York, NY
Topotek1, Berlin, Germany
SCAPE, New York, NY
Onion Flats, Philadelphia, PA
Ehrlich Yanai Rhee Chaney Architects, Culver City, CA

academic

Assistant Professor, Department of Landscape Architecture, Rhode Island School of Design
Visiting Critic, Landscape Architecture Department, University of Pennsylvania
Visiting Critic, Architecture Department New York City Studio, Cornell University

select projects

Met Park & Terraces, Amazon HQ2, Arlington, VA
Karli is the Project Manager for Met Park & Terraces, Amazon HQ2, in Arlington, VA, which is currently nearing the final stages of Construction Documentation. The park is at the center of Amazon's new Virginia headquarters and will play an important role in the D.C. metro area, where green and pedestrian networks are defining the region's growth and development.

Kennedy Center for the Performing Arts, Public Space Master Plan, Washington, D.C.
Karli was also the Project Manager for the Public Space Masterplan for the Kennedy Center for the Performing Arts in Washington, DC in collaboration with Kieran Timberlake Architects. The masterplan's framework elevates the Center's role as a living memorial while creating a richly diverse experience that attracts new visitors, encourages existing patrons to return, and supports Kennedy's belief that the arts should be available to everyone.

Lincoln Yards North, Chicago, IL
Karli was the Project Manager for Field Operations' work on Lincoln Yards North's open spaces and public realm. An important nexus and connector along the Chicago River, Lincoln Yards North features an extension of The 606, Central Park, and a Riverwalk that follows the entire waterfront. Karli led the creation of design guidelines for the Riverwalk.

years with firm

since 2018

Daniel Williams, PLA, ASLA, AHLP

PROJECT MANAGER | SENIOR LANDSCAPE ARCHITECT

With 30 years of landscape architectural experience, Dan takes pride in his ability to make every project, large or small, something special. He is energized by the challenges offered by each new site. Dan's design philosophy is uncomplicated and based on two foundational factors: understanding and vision. Understanding involves developing a solid comprehension of the environmental, social, and economic factors related to a project. This knowledge provides a framework for building an inspiring vision for the landscape. Dan enjoys the energy of collaborating with others to create special places. Dan thrives on the progression of thought process. He has managed and directed design for over 30 award-winning projects including five national recipients.

EDUCATION

B.S., Landscape Architect
University of Kentucky

REGISTRATIONS

Professional Landscape Architect, WI, CO, IA

AFFILIATIONS

- American Society of Landscape Architects
- Alliance for Historic Landscape Preservation

AREAS OF EXPERTISE

- Project Management
- Marina/Waterfront Planning and Design
- Park Master Plans
- Park Planning

PRESENTATIONS

- Guest Lecturer: International Marinas and Boatyards Conference - 2012-2020
- Monthly Water Mark Article Author - Marina Dock Age Magazine 2022

SELECTED PROJECT EXPERTISE

Vilas Park Master Plan, Madison, WI (ongoing)

Lead landscape architect and park planner designing this urban park through significant public engagement between many stakeholder groups and the City of Madison Parks Division.

Blood Run National Historic Landmark, Larchwood, IA*

Lead park master planning service for this NHL and potentially new state park facility located along the Iowa - South Dakota border. The future of the NHL site may include transition to a National Monument interpreting the rich Native American history of the site while providing park amenities to visitors. ***ASLA National Honor Award and WIASLA Merit Award***

Ellen Kort Peace Park, Appleton, WI

Project Manager and Lead Designer for the Master Plan of a new 8-acre park dedicated to Wisconsin's first Poet Laureate, Ellen Kort. Prepared a Master Plan for the park in downtown Appleton along the Fox River. The planning effort included four stakeholder meetings, one park staff meeting and one public open house. A Master Plan Report was developed that included park improvements descriptions, cost of implementation, and project phasing. Stakeholder and presentation meeting minutes were also included as attachments to the Master Plan Report. ***WIASLA Honor Award***

Lakeshore State Park, Milwaukee, WI

Lead Designer for the creation of Wisconsin's first urban state park. Located on a 17-acre island the park includes cruise ship terminal, boaters beach, transient slips, fishing pier, nature trails and a signature national award winning pedestrian bridge. Project role included creating master plan, graphics, bridge design, and site details for implementation of the park.

- Carson Park Master Plan. Eau Claire, WI
- Monroe Riverfront, Monroe, LA
- Fairport Harbor Marina, Fairport Harbor, OH
- Owensboro Riverfront and Transient Marina, Owensboro, KY
- Dillon Town Core and Waterfront, Dillon, CO
- Pelican Bay Marina/Cherry Creek State Park, Denver, CO
- Iron Horse/Great Sauk Trail Bridge, Sauk City, WI
- Liberty Park, Clarksville, TN*
- Sand Island Recreation Area, Honolulu, HI*
- Chicago Harborfront Master Plan, Chicago, IL*
- Liberty Park - Clarksville, TN*

*Denotes experience prior to MSA.

Leah Rhodes, PE

BRIDGE TEAM LEAD

Leah leads our Bridge Design team at MSA. She provides project management and bridge design services for transportation projects involving the replacement and rehabilitation of bridges, road approach reconstruction and realignment, public involvement, construction staging, utility and agency coordination, and right-of-way plats. Her structural expertise includes the design and analysis of steel and prestressed concrete girder bridges, slab structures, retaining walls, and box culverts. She has extensive knowledge of and experience complying with the WisDOT design and PS&E process, and she frequently coordinates with the WisDOT Bureau of Structures. Leah also participates in the Bridge Technical Meetings hosted by BOS in order to stay current on upcoming changes in the industry. She has excellent communication skills and has successfully managed WisDOT projects to meet milestones and provide quality deliverables.

EDUCATION

M.S., Structural Engineering
Washington University (St. Louis)

B.S., Civil Engineering
Washington University (St. Louis)

REGISTRATIONS

Professional Engineer, WI, IA, MI, MN

AREAS OF EXPERTISE

- Project Management
- Bridge Rehabilitation
- Bridge Replacement Design
- Highway/Roadway Design
- Miscellaneous Structures and Retaining Walls
- WisDOT Design Standards and Procedures

SELECTED PROJECT EXPERTISE

State Street, Madison, WI
Designed all retaining walls and sidewalk slab spans for the most recently completed 700 & 800 blocks of State Street.

CTH M, Cross Country Road – Prairie Hill Road, Madison, WI
Preliminary layout and design of three pedestrian underpass structures, one three-span flat concrete slab bridge, and numerous cast-in-place retaining walls. The project contains significant aesthetic treatments, including architectural surface treatment on the retaining walls, staining, and custom decorative railings.

McPike Park, Madison, WI
Designed preliminary retaining walls for a proposed skate park.

Trail over Starkweather Creek, Madison, WI
Structural engineer for a new single-span steel truss trail bridge crossing over Starkweather Creek at the mouth of Lake Monona in Olbrich Park. The design is complete and the project is awaiting funding for construction. The bridge is a small part of a larger improvement project. Cost: $685,000 (design) Professional Services 2016-2020.

Milwaukee Street Bridge over East Branch Starkweather Creek, Madison, WI
Reviewed superstructure design and plans for a single span flat concrete slab bridge. Worked closely with the WisDOT Bureau of Structures to obtain approvals on a non-standard vertical face decorative parapet. Project aesthetics included architectural surface treatment, staining, and cut-stone boulders. The project was delivered on an expedited schedule due to the deteriorating condition of the existing bridge.

Riverside Park Boardwalk, Mauston, WI
Oversaw structural design team for a 180-foot-span pedestrian bridge over the Lemonwier River.

North 2nd Street Bridge, Watertown, WI
Designed a three-span prestressed concrete girder bridge with an urban typical section and a pile-supported, cast-in-place, cantilever retaining wall.

Jaime Kurten, PE

SENIOR PROJECT ENGINEER

Jaime has 17 years of experience in project management and design engineering for transportation and bridge design projects. She has been involved in all aspects of such projects including geometrics, grading, storm sewer, erosion control and right of way. Jaime has also worked on various reports and permitting throughout all stages of a project including those for federally funded and local projects.

EDUCATION

B.S., Civil Engineering
University of Wisconsin-Madison

REGISTRATIONS

Professional Engineer, WI

AREAS OF EXPERTISE

- Project Management
- Lead Highway Design Engineer
- Reports, Plans and Specifications
- Public and Stakeholder Involvement
- Business Coordination
- Utility and Agency Coordination

SELECTED PROJECT EXPERTISE

State Street, Madison, WI

State Street is an iconic street within the heart of Madison and the UW-Madison campus. The project scope included developing a concept and design for space where State Street meets East Campus Mall, and the historical Bascom Hill Historic District including Library Mall. Preliminary concepts were developed for the area as a cohesive space and final design was completed for the 700 & 800 blocks. As the lead designer, responsibilities included site grading, utility design and coordination, and public involvement. Coordinated public and stakeholder involvement as well as coordinated items necessary for various review boards and agencies.

McPike Park, Madison, WI

McPike Park (Formerly Central Park) started as an underutilized vacant space located on the east isthmus of Downtown Madison. The project includes a new restroom facility, multi-use path, plaza space, an entry plaza, at-grade crossing of WSOR railroad, and a skate park. Serving as the project manager and design lead for the new neighborhood park, tasks included preparation of documentation for grant funding pathway and roadway design and geometrics, utility design and coordination, environmental documentation, hazardous materials investigation, public and stakeholder involvement, and railroad coordination

Atwood Avenue, Madison, WI

Served as the project manager including design concept development, client meeting coordination, public engagement, and overall project coordination.

Emerald Grove Road and Bridge Reconstruction Rock County, WI

Developed preliminary and final design plans and specifications for the reconstruction of the Emerald Grove Road bridge. Other tasks included utility and railroad coordination, public involvement, quantity computations, and coordination with the Local Program Project Manager.

John Nolen Drive Reconstruction, Madison, WI

Subconsultant project manager for the reconstruction of the causeway including John Nolen Drive, bike path, bridges and shoreline stabilization.

Milwaukee Street Bridge and Approaches, Watertown, WI

Served as design lead for the bridge in the East Isthmus area of Downtown Madison. Prepared environmental document, design study report, quantities and PS&E. Expedited schedule due to deteriorating structure.

Eric Thompson, PE

WATER RESOURCES TEAM LEAD

Eric leads MSA's water resources team of nine professionals. He has over 27 years of experience in stormwater management planning and design, including projects ranging from small site design through comprehensive municipal stormwater master plans and large-scale watershed studies. Eric is highly trained and passionate about his water resources engineering career. This passion has earned him statewide recognition as an expert in is field. Early in the MS4 planning process, Eric was invited by WDNR to present WinSLAMM and P8 water quality modeling tips to WDNR water management specialists in order to facilitate their review of WPDES water quality plans. More recently, he was invited to several consultant/WDNR roundtables to discuss implementation of new research and modeling protocols, and he also served on the WDNR's urban stormwater TMDL Implementation Team, working to develop protocols for creating compliance plans for MS4s within TMDL watersheds.

EDUCATION

M.S., Civil Engineering University of Minnesota

B.S., Civil Engineering University of Minnesota

REGISTRATIONS

Professional Engineer, WI, IA, MN, IL

AREAS OF EXPERTISE

- Hydrology/Hydraulics/Water Quality
- Numerical Computer Modeling
- BMP Evaluation/Selection/ Design
- Watershed Management
- Stormwater Management Planning
- Surface Water Management Planning
- Watershed Management Planning
- Wetlands Management
- Floodplain Management
- Lake Restoration
- Stream Restoration
- Dams
- Stormwater Utilities
- NPDES Permitting

SELECTED PROJECT EXPERTISE

Cannonball Path and Military Ridge Trail Culvert Design, Fitchburg, WI

Performed hydraulic design of two (2) culverts under the Cannon Ball Path at Dunn's Marsh and one (1) culvert on Military Ridge path just west of the Badger State Trail high bridge.

Nine Springs Creek Watershed Study, Fitchburg, WI

Served as project manager and project engineer for a watershed study that included development of an XP-SWMM model of Nine Springs Creek beginning upstream of Dunn's Marsh

Maple Drive Flood Study, Mauston, WI

Developed a 1D/2D XP-SWMM model of a watershed that originates outside the City and causes chronic flooding in an established neighborhood in the City. Modeling was used for root cause analysis, alternatives analysis and improvement design.

McKenna Green Tree Watershed Study, Madison, WI

Serving as project manager for a large watershed study for the City of Madison. The watershed study is being completed using a 1D/2D XP-SWMM model. At the time of this proposal, the existing conditions model has been constructed and calibrated and MSA is moving on to problem identification and solution development.

Pheasant Branch Creek Repair at Park Street, Middleton, WI

Provided quality assurance review for this project to design repair and stabilization of a massive stream bank failure caused by the historic flood event of August, 2018. Project included analysis of both "hard" and "soft" stabilization options.

Hawks Landing Flood Reduction Project, Madison, WI

Developed a 2D SWMM model for use in study and design of flood reduction alternatives. Completed evaluation of 11 alternatives in 26 combinations of solutions to address flooding. Have subsequently completed designs for four improvements addressing flooding and drainage related problems in the watershed, three of which have been constructed.

Alyson Steele

FAIA, LEED AP \\ VISITOR EXPERIENCE ARCHITECT

Alyson Steele provides design leadership and facilitation for public visitation facilities serving natural and cultural heritage projects. Through working with a variety of client, user, and community groups, Alyson seeks to generate and inclusive understanding of a project's goals and programmatic needs that sets the stage for a holistic and integrated design response.

National Native American Veterans Memorial, National Museum of the Native American
Smithsonian Institution \\ Washington, DC

Principal in Charge for a new memorial on the National Mall. As Architect of Record, QE realized the vision of Native artist and veteran Harvey Pratt for a Warriors' Circle of Honor. Our team successfully navigated a tight design schedule and multiple agency review processes to create a memorial that meets the intent of its enabling legislation as well as the principles established by a tribal advisory committee at the beginning of the process.

C&O Canal National Historical Park Vertical Access
Washington, DC

Principal in Charge for a series of inclusive interventions defined by Field Operations master plan to improve access along the canal for both pedestrians and bicyclists. The projects include a new kiosk with comfort facilities and an outdoor elevator that ties access from Georgetown down to the tow path. Each intervention is designed to be sustainable, easily maintainable, historically sensitive, and accessible for all visitors.

Frontier Culture Mseum of Virginia
Washington, DC

Principal in Charge for a pre-planning study for an interpretive and educational facility to support the outdoor exhibits offered by this living history museum in the Sheandoah Valley. Strategic views to the outdoors as well as an adjacent outdoor learning space will encourage visitors to connect information gleaned from the indoor exhibits to the surrounding site and its living history interpretation.

Visitor and Education Center, Coastal Maine Botanical Garden
Boothbay, Maine

QE designed a new visitor and education center that reflects the area's coastal heritage. The building provides a point of welcome and orientation for visitors, with adaptable gallery spaces and immersive views that draw visitors out to the surrounding site.

Registration & Certification

Registered Architect

NCARB Certified

LEED Accredited Professional

Education

Master of Architecture, University of Virginia, 1994

Bachelor of Arts in Urban Studies, Stanford University, 1989

Professional Affiliations

American Institute of Architects, College of Fellows

Association for Preservation Technology, DC

George Washington's Ferry Farm
Fredericksburg, Virginia

Principal in Charge for the creation of a new visitor's center for this historic 77-acre-site that was George Washington's boyhood home. Ms. Steele was also the project manager for a long-term master plan for the site, which addresses site infrastructure, landscape design, an interpretational plan, and creation of a new visitor center.

North Carolina History Center
New Bern, North Carolina

Project Architect for master plan of 22-acre site to address the 15-year goals for visitorship, historic interpretation and research. Ms. Steele's responsibilities included onsite facility evaluation, programming research, analysis, formulation, and composition of the final report. She also assisted in the design, consultation coordination and review process for a new 50,000 square-foot history education center and development of a 6,000 square-foot cafe.

Kemba Braynon

AIA, NOMA \\ PRESERVATION ARCHITECT & PROJECT MANAGER

Kemba brings a deep interest in history and sense of place to her work as an architect and historic preservation specialist. With skills as both an architect and writer, she crafts the stories of historic buildings to ensure they survive and thrive for future generations. Applying her many creative strengths, she supports clients with innovative ways of structuring and financing projects in pursuit of their fullest potential. Kemba excels at stewarding projects all the way through the design process, from initial assessment for complete understanding to translation of existing conditions and recommendations into a construction-ready plan.

Belle Isle State Park Building Assessment and Restoration
Detroit, Michigan

Project Architect for the 2015 preservation assessment & restoration of Detroit's historic state park. The project provided a thorough review of key buildings on Belle Isle, resulting in the renovation of fourteen historic structures throughout the park.

Belle Isle Beachfront
Detroit, Michigan

Contract Manager of the multidisciplinary team renewing the Belle Isle beachfront to provide a low-maintenance, environmentally-friendly community amenity that is accessible to people of all ages and abilities. As part of the project, water access will be expanded, a splash play area will create new recreational opportunities, and a multi-use terrace will replace the waterslide park at the revitalized Bath House.

Belle Isle Sawmill Assessment
Detroit, Michigan

Contract Manager for the conditions assessment report, providing comprehensive evaluation and strategies for restoring active use of Belle Isle's historic sawmill, an abandoned brick building located in the park's main service yard. This project will determine the building's needed repairs and associated costs for the existing sawmill as part of the Michigan DNR's broader efforts to prioritize funding for rehabilitation efforts throughout Belle Isle Park.

Selma to Montgomery Interpretive Center
Selma, Alabama

Project Manager and Contract Manager for transforming the existing visitor center into a modern immersive experience, enabling visitors to better understand the significance of the historic Selma to Montgomery Voting Rights March of 1965. This project will increase visitor attendance and satisfaction by providing larger enhanced facilities, furnishings, artifacts, and media for interpretation of this historic event's role in the over-arching national civil rights movement.

Registration & Certification

Registered Architect

Education

College of Architecture and Urban Planning, University of Michigan, Master of Architecture, 1997

College of Architecture and Urban Planning, University of Michigan, Bachelor of Science, 1995

Bachelor of Arts, English Literature, University of Michigan, 1995

Professional Affiliations

American Institute of Architects

National Organization of Minority Architects

Michigan State Historic Preservation Review Board

Ford Piquette Plant Facade Restoration
Detroit, Michigan

Project Architect for the facade and interior restoration for the historic Ford Model T Plant on Piquette Avenue. As the birthplace of the Model T and assembly line, the building houses a museum and interpretive center. Other potential uses include offices and a visitor center for the National Automobile Heritage Center.

Islandview Greater Villages
Detroit, Michigan

Contract Manager working with the City of Detroit's Planning & Development Department to create innovative strategies and an overall framework to revitalize Detroit's lower east side. Identified and examined over 100 existing properties for their development potential based on their proximity to local services, schools, commercial corridors, ownership, and adjacency to public parks and recreation.

Brenda Williams

FASLA \\ CULTURAL LANDSCAPE ARCHITECT

Brenda Williams is a landscape architect with over 30 years of professional experience. Her career has focused on the conservation of cultural landscapes through interventions that preserve historic character, enhance visitor learning and enjoyment, and provide sustainability. Her work includes planning and design for a wide range of sites, from small-scale recreational and interpretive to cultural landscape reports for properties over 3,000 acres. She facilitates a collaborative approach to planning for places of cultural significance and is highly effective in building common ground among stakeholders to develop inspirational visions.

Cultural Landscape Plan, University of Wisconsin
Madison, Wisconsin

Led the QE team in a comprehensive effort to identify, document, evaluate, and develop design and management recommendations for eight significant historic landscapes at the 933 acre Madison campus. Also worked with University planners to develop a public education and outreach program including lectures, posters, and brochures highlighting the historic landscapes. Project funded by a J. Paul Getty Trust Campus Heritage Grant.

Indian Mounds
St. Paul, Minnesota

Cultural Landscape Architect and Principal in Charge for the Interpretation Planning scope of work for the 111-acre Indian Mounds. This place is sacred to Minnesota Dakota communities, as well as other Indigenous groups in the region. The site is listed in the National Register of Historic Places for its continued association with Traditional Cultural Values, its direct association with a prominent setting and significant community members, and as the type-site for mounds in Minnesota.

Historic Fort Snelling
St. Paul, Minnesota

Project manager and historical landscape architect for the preparation of a Cultural Landscape Report for a 21 acre portion of Fort Snelling, located at the confluence of the Minnesota and Mississippi Rivers outside St. Paul. The cultural landscape report will help inform a larger master plan process for the Fort, including documentation and analysis of the historic landscape and recommendations for appropriate treatments.

Blood Run Cultural Landscape Master Plan
Lyon County, Iowa

Project manager and historical landscape architect for the Cultural Landscape Master Plan of the Blood Run National Historic Landmark and associated landscape. The highly collaborative project process emphasized extensive public, tribal, and stakeholder involvement to develop a vision, goals, interpretive themes, and master plan to guide the long-term use and education of visitors to the site.

Registration & Certification

Professional Landscape Architect

Education

Master of Arts in Landscape Architecture, University of Wisconsin-Madison, 1995

Bachelor of Science, Landscape Architecture, University of Kentucky, 1988

Professional Affiliations

American Society of Landscape Architects, College of Fellows

Historic Preservation Professional Practice Network Leadership Group

Alliance for Historic Landscape Preservation

Taliesin Preservation, Inc., Preservation Committee

Honors

Wisconsin ASLA Lifetime Achievement Award, 2020

ASLA National Honor Award for Analysis & Planning, Blood Run Cultural Landscape Master Plan, 2018

Michigan Chapter ASLA Analysis & Planning Merit Award; Split Rock Lighthouse Cultural Landscape Report; Two Harbors, Minnesota, 2018

Matthew Henderson

Coastal Engineering Lead | Principal Engineer, Anchor QEA

Matt Henderson has more than 25 years of experience as a coastal and environmental engineer, focusing on evaluating coastal conditions and developing sustainable approaches and designs to ensure stability of shorelines, coastal infrastructure, and natural resources. Matt has expertise in developing multidimensional models of the Great Lakes and modeling hurricane storm surges for bays and estuaries on the Gulf of Mexico and the Atlantic Coast. His expertise includes hydraulics and hydrodynamics, coastal engineering, living shoreline designs, beneficial use of dredged material, hurricane surge modeling, wave modeling, riverine flood modeling, and sediment erodibility and stability assessments. He has performed shoreline erosion and protection designs for waterfront and restoration projects in the Great Lakes. Matt has served as the lead coastal engineer on some of the largest living shoreline projects in the United States. He is currently serving as the lead coastal engineer for several coastal resiliency projects that are part of Lake Ontario Resiliency and Economic Development Initiative (REDI).

Education

MS, Coastal and Oceanographic Engineering, University of Florida, 1999

BS, Civil Engineering, Worcester Polytechnic Institute, 1991

Licenses/Registrations

Professional Engineer: New York, No. 083603-1; Maryland, No. 51652; Delaware, No. 21544

Memberships

American Society of Civil Engineers; American Shore and Beach Preservation Association; Great Lakes Shore and Beach Preservation Association

Relevant Project Experience

Buffalo Niagara Waterkeeper, Ohio Street Boat Launch

Matt was the senior coastal engineer for the Ohio Street Boat Launch and Fishing Pier Project on the Buffalo River. The designs included a Americans with Disability Act (ADA)-compliant cantilevered curvilinear fishing pier, ADA-complaint non-motorized boat launch, and riparian and in-water habitat improvements. Matt led the evaluation of coastal and shoreline conditions and forces along the project area.

Clayton, New York, Clayton Resiliency and Economic Development Projects

Matt was the lead coastal engineer and modeler supporting the design of Mary Street Boat Launch and Village Street Dock Improvements. The Village of Clayton, located along the shore of the St. Lawrence River, sustained significant damages to public infrastructure due to unprecedented high water events and wave action during a major storm event. Anchor QEA evaluated wave conditions, overtopping, and hydrodynamic and ice loads for structural repairs and improvements along the River. Matt led the site specific hindcasting studies to develop design parameters for engineering analysis. Anchor QEA is currently designing a wave attenuator system to reduce wave energy along the Village Street Dock.

Buffalo Niagara Waterkeeper, Little Beaver Island Shoreline Habitat Improvement

Matt was the lead coastal engineer and modeler for the creation of a living shoreline to protect a severely eroding shoreline and create nearshore habitat in Beaver Island State Park. The design included creating and restoring riparian and coastal habitat to improve ecological conditions for resting, feeding, and spawning for numerous fish and wildlife species and enhancing shoreline stability to prevent future property loss by addressing erosive forces and improving coastal resiliency.

Great Lakes Healthy Port Futures, Lorain, Ohio, and Illinois Beach State Park

As part of the Great Lakes Healthy Port Futures Project, the use of passive sediment management techniques to identify dredged material placement areas, protect nearshore coastal habitats, and reduce erosion along the Great Lakes shorelines are being evaluated. Matt led the development of multidimensional wave models for the two projects to estimate the effect of various nearshore structures on wind-generated wave events and associated nearshore sediment erosion, transport, and deposition characteristics.

Laura Rozumalski, PE

Project Manager, Principal-in-Charge | Principal Engineer, Anchor QEA

Laura Rozumalski is a principal engineer with 18 years of experience in project management and execution. Laura is a technical expert in multidimensional hydrodynamic modeling, waterways restoration, fluvial geomorphology, coastal processes, sediment transport, and hydrologic and hydraulic modeling. Laura founded FreshWater Engineering in 2014 and has since merged Anchor QEA in June 2021 with the goal of providing engineering design services that conform to the most stringent of standards while being innovative and tailored to clients' unique project requirements. During her project career, Laura has managed dozens of coastal restoration and stabilization projects, ranging from rehabilitation and reconstruction design to addressing erosion and failing infrastructure issues. She has successfully managed projects with contract values upwards of $4 million for NGOs, municipalities, and the U.S. Army Corps of Engineers (USACE).

Education

MS, Civil and Environmental Engineering, University of Wisconsin, 2007

MS, Water Resources Management, University of Wisconsin, 2007

BS, Geology and Geophysics, University of Wisconsin, 2004

Licenses

Professional Engineer: Wisconsin, No. 42230-6

Relevant Project Experience

City of Madison, John Nolen Drive Coastal Analysis

Laura performed a coastal analysis for John Nolen Drive in Madison. The analysis included evaluating the nearshore wave climate and providing design recommendations for a riprap revetment to protect the Drive and nearby shoreline in support of a project with MSA Professional Services for the City of Madison.

Village of Fox Point, Fox Point Coastal Resiliency

Laura is currently managing coastal protection design team for a project in the Village of Fox Point, Wisconsin with MSA Professional Services. The work includes evaluations of nearshore wave climates, armor dimensions, and stone sizing for various options. Additional analyses will include modeling of the site using Deflt3D, evaluation of sediment transport patterns, and assessment of the impacts of armoring on nearby shorelines.

Milwaukee County, North Point Coastal Analysis

Laura oversaw coastal wave analyses to aid in design of a shore protection strategy for the North Point parking lot in Milwaukee. She directed the coastal team using linear wave theory to convert offshore wave parameters contained in the USACE Wave Information Studies (WIS) dataset. Under her guidance, the team evaluated bathymetry and wave data to project wave heights at a range of expected recurrence intervals at the site.

Milwaukee County, Menomonee River Bank Stabilization

Laura was project manager and principal in charge for the hydrologic and hydraulic modeling and design team working on a badly eroded streambank on the urban Menomonee River. She served as the primary communication point between the engineering team and the County, coordinated meetings, site inspections, and permitting. The final design included conventional and bioengineered stabilization measures for resilience to extreme flood events.

U.S. Geological Survey, U.S. Geological Survey Water Quality and Combined Sewer Overflow Sampling

Laura managed ongoing water quality monitoring and sampling for numerous projects in the Great Lakes Region. This work involved river sampling in areas of concern containing contaminated sediments, combined sewer overflow outfall sampling in the Milwaukee region and mercury sampling throughout Wisconsin.

Wisconsin Department of Natural Resources, Assessment of Southeastern Wisconsin's Lake Michigan Shoreline

Laura oversaw efforts to document historic and current shoreline erosion and coastal morphology in southern Kenosha County to understand mitigation options for a failing revetment in Kenosha Dunes State Natural Area. Investigations included GIS analysis, beach and nearshore surveys, beach grain size analysis, and ground-penetrating radar surveys. Maps were made publicly available to improve understanding of erosion along Wisconsin's coasts.

Hilary A Dugan

Curriculum Vitae
April 2022

680 N. Park St. Madison, WI 53706
Center for Limnology,
University of Wisconsin-Madison.
dugan.limnology.wisc.edu
hdugan@wisc.edu
@hildug
hdugan

Research interests

Lakes; landscape limnology; salt; polar environments; carbon cycling; watershed modeling; lake ice; geophysical surveys; long-term changes in lake function; high-frequency sensor data; data science/machine learning

Employment and education

Professional appointments

2018–	**Assistant Professor**	Department of Integrative Biology, Center for Limnology University of Wisconsin-Madison
2014–2017	**Postdoctoral Researcher**	Center for Limnology, University of Wisconsin-Madison
2014–2016	**Postdoctoral Researcher**	Cary Institute of Ecosystem Studies

Education

2008	B.Sc.(Hons)	Queen's University	Geography/Biology
2010	M.Sc	Queen's University	Geography
2014	Ph.D.	University of Illinois at Chicago	Earth and Environmental Sciences

Grants as lead principal investigator

2022–2027 " CAREER: Expanding Our Understanding of Freshwater Salinization Through Data-Driven Limnology ". *Funding from NSF Division Of Environmental Biology* .

2021–2023 " Climate, Storms, and the Drivers of Cyanobacteria Blooms in Lake Superior ". *Funding from USGS Midwest Climate Adaptation Science Center* .

2019–2021 " The ecosystem ecology of lake ice loss in north-temperate lakes ". *Funding from NSF Division Of Environmental Biology* .

2019–2021 " Full season science in the northwoods ". *Funding from University of Wisconsin-Madison, UW2020* .

2018–2021 " ABI Development: Building advanced numerical simulation technology for the lake ecology community ". *Funding from NSF Advances in Biological Informatics, Division of Biological Infrastructure* .

Teaching

University of Wisconsin-Madison

- Zoology 101: Animal Biology (Ecology and Evolution: 3 weeks)
- Zoology 315: Conservation of Aquatic Resources Zoology and Environmental Studies
- Zoology 400: Ecological Data
- Zoology 955:
  - Introduction to spatial analysis and GIS in R
  - An introduction to lake modeling
  - Aquatic sensor technology and implementation

Professional service and other appointments

Service

- 2018 - Present: Water@UW executive committee member
- 2019 - Present: Wisconsin Salt Wise member
- 2019 - Present: University of Wisconsin-Madison Faculty Senate representative
- 2019 - Present: WICCI (Wisconsin Initiative on Climate Change Impact) Science

KEVIN LUECKE

SENIOR PLANNER

PROFESSIONAL HIGHLIGHTS

Years of Experience: 13

Toole Design: 2012-Present

Bicycle Federation of Wisconsin: 2009-2012

EDUCATION/ CERTIFICATION

Master of Public Administration, and Master of Science, Urban and Regional Planning, Certificate in Transportation Management and Policy, University of Wisconsin: 2009

Bachelor of Arts, History and Political Science, Northwestern University: 1998

AWARDS

Best Practice Award (Wisconsin Chapter of the American Planning Association) for the Milwaukee (WI) Pedestrian Plan: 2019

Planning Excellence Award (Wisconsin Chapter of the American Planning Association) for the Winnebago County Bicycle and Pedestrian Plan: 2017

Planning Excellence Award (Wisconsin Chapter of the American Planning Association) for the Dane County Bicycle Wayfinding Manual: 2017

APPOINTMENTS/ AFFILIATIONS

Association of Bicycle and Pedestrian Professionals

Kevin is Toole Design's Madison Office Director. He is a multimodal transportation planner with a broad background in active transportation planning and policy, and he has worked with communities large and small, as well as state departments of transportation and federal agencies, to improve bicycling and walking plans and policies. Kevin is adept at facilitating community engagement and developing solutions that are tailored to and appropriate for each community or region he works with. Kevin has managed projects that have recommended hundreds of miles of bicycle and pedestrian facilities, researched pedestrian and bicycle issues for the Federal Highway Administration, produced Pedestrian Safety Action Plans, and conducted numerous public outreach events to engage citizens in various planning activities.

SELECTED PROJECT EXPERIENCE

Madison Complete Green Streets, Madison, WI
Kevin is the Principal-in-Charge for this interdisciplinary effort to examine and reframe the transportation planning and street design paradigm in Madison. This project integrates Complete Streets, distributed green infrastructure, and Vision Zero concepts to develop strategies for better street design and right-of-way allocation. Kevin is providing project oversight and review, assisting with the development of modal priority networks, and providing quality review of all project deliverables.

UW Madison Lakeshore Path Concepts, Madison, WI
Kevin served as a Senior Planner to develop a safer and more intuitive entrance to the Howard Temin Lakeshore Path on the University of Wisconsin-Madison campus. The project recommended alternatives to redesign the eastern end of the path at the Hasler Laboratory of Limnology. Kevin assisted with an assessment of existing conditions and developed conceptual alternatives based on those conditions. Kevin provided detailed design guidance and best practices for incorporation into the final three design alternatives.

La Crosse Highway 53 Corridor Plan, La Crosse, WI
The La Crosse Highway 53 Corridor Plan assessed existing conditions and made recommendations for transportation and redevelopment along a broad corridor along Highway 53 in north La Crosse. The Plan addresses multimodal connectivity, economic development, land use, redevelopment opportunities, and other areas. As Toole Design's Project Manager, Kevin assessed the existing transportation network in the corridor for all travel modes, and provided recommendations for improving traffic operations, transit, bicycling, and walking in the corridor.

OTHER RELEVANT EXPERIENCE

Wisconsin Department of Transportation Bicycle and Pedestrian Consulting
Superior Active Transportation Plan, Superior, WI
Wauwatosa Bicycle and Pedestrian Facilities Plan, Wauwatosa, WI

ALEX KOUMOUTSOS, PLA

SENIOR LANDSCAPE ARCHITECT

PROFESSIONAL HIGHLIGHTS

Years of Experience: 14

Toole Design, 2021-Present

Coen+Partners: 2018-2021

Sasaki Associates: 2008-2018

EDUCATION/ CERTIFICATION

Bachelor of Science, Landscape Architecture, Purdue University: 2008

Professional Landscape Architect: CT

Alex is a senior landscape architect with both public and private sector experience on projects of all program types and scale. He specializes in the design, coordination, and documentation efforts required to build successful projects. Alex places a high value on understanding each projects unique context including local history, plants and materials, construction means and methods, and programming. He has served clients around the world by leading and contributing to teams working on master plans, public realm improvements, mixed use developments, and urban redevelopment.

SELECTED PROJECT EXPERIENCE

Upper Harbor Terminal Park Concept Plan and Improvements, Minneapolis, MN
In collaboration with The City of Minneapolis Park and Recreation Board, Toole Design Group is leading the development and design of pedestrian and bicycle trails along the Mississippi River. The trail system is part of a larger development that includes a public park, mixed-use development, stormwater BMP's, and river's edge restoration. Alex is assisting the team in developing the best route and details for the pedestrian and bicycle trails. Given the projects close proximity to the Mississippi River, attention to the trails horizontal and vertical alignment is critical to ensure the design naturally fits into the existing grades. Alex uses his vast experience in design, development, and construction observation to accomplish this goal.

Moorhead Comprehensive Plan, Moorhead, MN
The city of Moorhead is reducing the ROW width for approximately a 1.5 mile segment of US-10, a main road directly through the heart of the city. Currently, the eastbound and westbound lanes are separated by a large, unusable median - by removing the median and consolidating traffic lanes, more development and open space opportunities are available. Alex is assisting the team by studying new alignments for US-10, making recommendations for the larger street grid, development parcels, open space, and pedestrian and bicycle circulation networks

Designing Downtown Denison, Denison, TX
The city of Denison is improving Main Street's streetscape by reducing the width of the vehicular right-of-way, ultimately providing more space for pedestrians and bicyclists; installing new paving, plantings, site furniture, and a number of water features. Alex is assisting the team in construction administration for the Phase 1 project as well as preparing graphics necessary to convey preliminary designs for Phase 2. Alex's ability to work on project from conception to completion allow him to fit in seamlessly at any phase of a project.

OTHER RELEVANT EXPERIENCE

Heart of the City, Rochester, MN
Smale Riverfront Park - Carol Ann's Carousel, Cincinnati, OH
Marriott International Headquarters and Hotel, Bethesda, MD
The Blairs, Silver Spring, MD

Marvin Fitzwater, II, CPE

Senior Cost Manager

Project Role: Project Manager / Senior Cost Manager

Mr. Fitzwater is a Senior Cost Manager in the architectural, structural and civil disciplines. He provides detailed cost estimates at all phases of design, including conceptual, schematic, design development, working drawing and construction document. In addition to providing cost estimates, Mr. Fitzwater's responsibilities also include quantity take-offs, and obtaining unit and labor/material pricing. In addition to Cost Management, he has Project Management training in Primavera P6.

Mr. Fitzwater has over 30 years of industry experience. Prior to joining CCS, he held positions including Estimator and Construction Supervisor where he was responsible for managing individual client projects from inception to completion. He has reviewed architectural drawings, coordinated subcontractor bids, and is proficient in various estimating software.

A Certified Professional Estimator, Mr. Fitzwater is an active member of the American Society of Professional Estimators (ASPE) and currently serves on the Board of the Chicago chapter. He has been involved in over 375 projects of all types and sizes nationwide since joining CCS.

Experience
18 years with firm
35 years in industry

Education
B.S. / Advanced Technical Studies
Southern Illinois University Carbondale, IL

Certifications
Certified Professional Estimator
2007

Select Project Experience

- Bruce Meisner Park - Phase 1 River Walk – Hickory, NC
- Buetter Park - Ironworks Plaza – Mishawaka, IN
- Chicago Park District - Transition Plan Access Improvements
- Kedvale Triangle Park – Chicago, IL
- Martens Center, Human Kinetics Park – Champaign, IL
- Navy Pier - Pierscape Project – Chicago, IL
- Nicollet Pedestrian Mall - Redesign Project – Minneapolis, MN
- Pioneer Park Redevelopment – Salt Lake City, UT
- Town Point Park – Norfolk, VA
- Wheaton Downtown Streetscape – Wheaton, IL
- Wisconsin Co-Located Laboratories – Madison, WI

Robert Svoboda, Jr., CPE

Technical Services Director

Project Role: Senior Cost Manager

As CCS' National Director of Technical Services, Mr. Svoboda is responsible for the compilation of complete project estimates at all phases of design including conceptual, schematic, design development, working drawing, and construction document. He manages the workload of CCS' cost estimating teams, conducts peer reviews on all cost estimates, and ensures that internal estimating processes are followed and documented.

A Senior Cost Manager in the architectural, structural and civil disciplines, Mr. Svoboda routinely conducts quantity take offs, obtains market pricing, reviews plans and specifications, conducts change order reviews, and participates in value engineering exercises. With a broad knowledge of estimating practices and extensive knowledge of market pricing and pricing sources, he has a strong knowledge base for handling complex projects of all types and sizes nationwide. Mr. Svoboda is often asked to prepare comparative cost estimates of alternative construction methods and materials, making suggestions for the most effective course of action.

A Certified Professional Estimator, Mr. Svoboda is an active member of the Association for the Advancement of Cost Engineering (AACE) and is the current Treasurer and former President of the American Society of Professional Estimators (ASPE), Chicago Chapter. He has been involved in over 750 projects of all types and sizes nationwide since joining CCS.

Experience

21 years with firm
34 years in industry

Education

B.S. / Business Administration
St. Norbert College
DePere, WI

Certifications

Certified Professional Estimator
2008

Select Project Experience

- The 606 ("The Bloomingdale Trail") – Chicago, IL
- Bruce Meisner Park - Phase 1 River Walk – Hickory, NC
- Chicago Park District - Transition Plan Access Improvements
- Martens Center, Human Kinetics Park – Champaign, IL
- Madison Crime Lab – Madison, WI
- Navy Pier - Family Pavilion and South Arcade Renovation –Chicago, IL
- Rend Lake Resort Facilities – Whittington, IL
- Tower Grove Park – St. Louis, MO
- UW-Madison – Madison, WI
  - Biotechnology / Genetics Center
  - Camp Randall Stadium
  - Crew House Expansion
- Wheaton Downtown Streetscape – Wheaton, IL
- William S. Middleton Memorial Veterans Hospital - Community Living Center – Madison, WI

John H. Catlin FAIA

Partner

Role: Senior Accessibility Advisor

EDUCATION

University of Illinois at Chicago, Master of Architecture

Southern Illinois University, Bachelor of Arts

LICENSES & AFFILIATIONS

Licensed Architect, IL

American Institute of Architects

U.S. Access Board 1994 to 2002, Chair 1995 to 1996

Chicago Building Code Subcommittee on Accessibility, 2011 to present

National Association of ADA Coordinators, Board of Directors 2014 to 2017

Metropolitan Planning Council, Board of Governors 2019 to 2019

Chicago Transit Authority, Board of Directors 2002 to 2004; Chair of Strategic Planning Committee 2003 to 2004; ADA Advisory Committee 2005 to 2012, Chair 2005 to 2007; Community Advisory Board 2006 to 2012
Texas Registered Accessibility Specialist

PROFESSIONAL EXPERIENCE

A founding partner of LCM Architects, Jack draws on his professional and personal experience to promote and realize changes in the built environment that advance a more inclusive, sustainable society. He guides clients on accessibility and inclusive design issues that have significant implications for the design and building industries as well as for people of all abilities. Jack was the first practicing architect to be elected Chair of the U.S. Access Board. During his tenure he served on the Executive Committee and chaired the committee responsible for revising the 1991 ADA Accessibility Guidelines resulting in the 2010 ADA Standards.

RELEVANT PROJECTS

City of Milwaukee, ADA Title II Transition Plan, Verify infrastructure compliance, reports with recommended remediation measures, 400+ sites, municipal buildings, 63 public parks, recreation facilities, curb ramps, WI

Polk Brothers Park,Navy Pier, Inclusive design consulting for James Corner Field Operations to integrate accessibility and universal design features into plans for park performance amphitheater and lawns at one of the city's most frequented waterfront attractions, Chicago, IL

Chicago Park District, ADA Title II Transition Plan and Self-Evaluation Consulting, Program analysis of 280 parks to determine which require modifications to provide overall access to citywide programs and services; Accessibility Audits of 39 parks, including facilities, amenities, features, exterior routes, IL

Kennedy Center for the Performing Arts REACH Expansion, Accessibility and inclusive design consulting for vertical circulation elements, exterior public spaces, gardens, Washington, DC

Prince William County Parks and Recreation, ADA Title II compliance consulting, assessed 35 parks and facilities, nature trails, pavilions, golf courses, indoor/outdoor pools, marinas, sports fields/courts, VA

Glynn County, ADA compliance investigations and reports for 48 sites in coastal county, including parks, courthouse, administrative buildings, health services facilities, parking GA

Clinton Presidential Center and Park< Accessible plan and construction reviews, new building, arboretum, amphitheater, gardens, play areas in surrounding park, Little Rock, AK

The Presidio National Park, Accessibility consultant for historic building dwelling unites, accessibility requirements for outdoor developed areas, San Francisco, CA

Obama Presidential Center, Accessibility consulting, inclusive design guidelines, plan reviews for new 275,000 sf complex on 20 acres in urban park, Chicago, IL

Elizabeth Zaverdas Associate AIA

Associate

Role: Senior Project Manager

"Access matters. Let's work together to expand awareness, promote inclusivity, and create usable and transformative spaces."

EDUCATION

University of Illinois at Urbana Champaign, Bachelor of Science in Architectural Studies

REGISTRATIONS | AFFILIATIONS

ADA Coordinator (Training Certification Program requirements fulfilled)

American Institute of Architects, Associate

PROFESSIONAL EXPERIENCE

Liz leads LCM's government accessibility consulting practice. Throughout her 30 year architectural career, Liz has focused on inclusive sustainable spaces. Her successful track record developing accessibility planning initiatives includes working with public entities to manage the ADA Title II Transition Plan process, performing plan reviews and accessibility evaluations, and prioritizing modification recommendations. Liz provides universal design guidance to clients wishing to create more inclusive environments by exceeding minimum ADA Standards. Effective communication, attention to details, and positive relationships with clients and team members form the foundation of Liz's project management approach. She coordinates client/project team interface, secures client approvals, and delivers work products within the agreed upon budget and schedule.

RELEVANT PROJECTS

County & City of Denver ADA Title II Transition Plan and Self Evaluation, Independent Licensed Architect; Inspection of over 35 agencies and 400 facilities, including parks and recreation; prioritized remediation plan; staff training, CO

Obama Presidential Center, Consulting to develop and refine universal design strategies and ADA compliant solutions for entrances, interior/exterior spaces and routes for 275,000 sf complex on 20 acres of urban park, Chicago, IL

Ohio University ADA Title II Transition Plan, Collect and analyze existing data and reports; survey buildings and exterior routes to identify barriers to program accessibility; recommend remediations and cost estimates; develop criteria for prioritizing accessibility projects; coordinate with CIP; recommend additions to the University's design standards; train University staff, Athens, OH

Emory University ADA Transition Study, Accessibility compliance assessment of exterior routes in first phase of an initiative to address connectivity and inclusivity on the 631-acre university campus as part of the campus master plan, Atlanta, GA

Northwestern University ADA Compliance and Implementation Plan, Survey 200 buildings and exterior routes for ADA compliance; compile findings in reports with recommendations for prioritized remediation, Chicago and Evanston, IL

University of Notre Dame, Architectural plan and site reviews for new construction projects; accessibility consulting and training seminars, South Bend, IN

Chicago Public Schools Polling Places Accessibility, As-needed advisory to LCM's in-house strategy team for the evaluation of pedestrian routes to accessible polling place entrances at 350 public schools, IL

O'Hare International Airport Global Terminal (Terminal 2, Consolidated Tunnel, Satellites 1 and 2), Managing and performing accessibility plan and site reviews for new construction and renovation, Chicago, IL

Illinois Institute of Technology, Accessibility Assessments, Field reviews and updated reports for three academic buildings, Chicago, IL

Alice Voigt

Role: Senior Recreation Access Specialist

Alice's work at the National Center on Accessibility focused on enhancing accessibility at local, state, and national parks.

EDUCATION

Edinboro University of Pennsylvania, Master of Arts, Counseling

Allegheny College, PA, Bachelor of Arts, Communication Arts

SELECT PRESENTATIONS

Presenter, Tennessee State Parks Accessibility Training, 'Waterfronts: Beaches, Boating, and Fishing', Burns, TN

Presenter, Leadership Exchange in Arts and Disability National Conference, 'Basics: Physical Access', Pittsburgh

Presenter, Indiana Parks and Recreation Association Annual Conference, 'An ADA Overview for the Parks and Recreation Professional', Bloomington, IN

Co-Presenter, National Recreation and Park Association Annual Conference, 'The Art and Science of Accessibility Assessments', Atlanta, GA

PROFESSIONAL EXPERIENCE

Alice has spent her career improving access to recreation and leisure opportunities for people with disabilities. Her projects range from local park districts and county forest preserves to national parks, including assessments of historic sites. At LCM she has conducted reviews of facilities and outdoor recreation areas - including waterfronts, golf courses, nature areas, and pools - for entities nationwide. In addition to her extensive field and document review experience, Alic has been an instructor at national trainings and webinars on topics such as accessibility legislation, standards and guidelines, and common errors and omissions in new construction and alterations. Also, she has engaged in direct service for people with disabilities, assisting them in maintaining their independence at work, in school, or in the community.

RELEVANT PROJECTS

City of Denver, ADA Title II Self Evaluation and Transition Plan for over 35 agencies and 400 facilities, including parks are recreation areas, CO

Ohio University ADA Title II Transition Plan, Accessibility surveys, remediation recommendations and priorities, Athens, OH

*Forest Preserve District of Will County, ADA Survey, Self-Evaluation and Report of employee and visitor use areas, IL

*Illinois Park Districts: Buffalo Grove, Cary, Crystal Lake, Hampshire, Hoffman Estates, Wauconda, ADA surveys and reports

*National Park Services Targeted Accessibility Improvements, Accessibility plan and construction reviews and universal design suggestions for Steamtown, Saratoga, Devils Tower, and Independence National Parks, Nationwide

*National Park Service, Accessibility audits, surveys of visitor use areas, administrative facilities, exterior routes, parking; 60+ national parks, including Petrified Forest, Everglades, Rocky Mountain National Park, Grand Canyon, Golden National Recreation Area, Mount Rushmore Memorial, eight monuments/memorials at the National Mall and Memorial Parks in Washington, DC

*National Historical Site Accessibility Assessments, including: Martin Luther King Jr. National Historic Site, Atlanta, GA; Marsh-Billings-Rockefeller National Historical Park, Woodstock, VT; Saint-Gaudens National Historical Park, Cornish, NH; Jimmy Carter National Historic Site, Plains, GA; Harry S. Truman National Historic Site, Grandview, MO

*Instructor, National trainings and webinars on accessibility legislation, standards and guidelines, common errors and omissions in new construction and alteration

* (Worked on project before joining LCM Architects)

Team Bio

Paula Scher, Partner

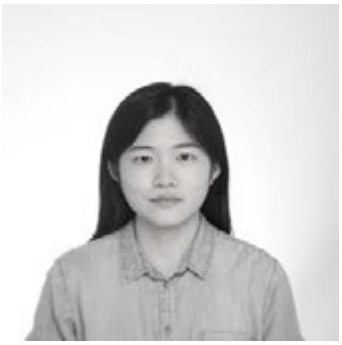
For four decades Paula Scher has been at the forefront of graphic design. Described as the "master conjurer of the instantly familiar," Scher straddles the line between pop culture and fine art in her work. Iconic, smart, and accessible, her images have entered into the American vernacular. Scher has been a principal in the New York office of the distinguished international consultancy since 1991, where she has developed identity and branding systems, promotional materials, environmental graphics, packaging and publication designs for a wide range of clients, that includes, among others, Bloomberg, Microsoft, Bausch + Lomb, Coca-Cola, the Museum of Modern Art, the Sundance Institute, the High Line, the Public Theater, the Metropolitan Opera, the New York City Ballet, the New York Philharmonic and Jazz at Lincoln Center.

Education

BFA, Tyler School of Art, Honorary Doctorates from the Corcoran College of Art and Design, the Maryland Institute College of Art and Moore College of Art and Design

Experience	Project Type
The Philadelphia Museum of Art	Identity, Signage
The High Line	Identity, Signage
MoMa	Identity
National Women's History Museum	Identity
Brooklyn Children's Museum	Identity
The Public Theater	Identity, Signage, Ad Campaigns
Shake Shack	Identity, Signage
Citibank	Identity
Windows 8	Identity

Team Bio **Continued**



JungIn You, Designer

JungIn You is a Korean Graphic Designer at Pentagram. She studied Graphic Design at the School of Visual Arts in New York City. Before joining Pentagram, she worked as both an in-house and freelance designer with clients in industries including product design, exhibition design, marketing, and technology.

Education

BFA in Graphic Design, School of Visual Arts

Experience	Project Type
The High Line	Signage, Environmental Graphics
Ola	Signage, Environmental Graphics
The Public Theater	Signage, Environmental Graphics
Virginia Commonwealth University	Signage, Environmental Graphics
Brooklyn Children's Museum	Identity, Signage
295 Fifth Avenue	Signage

TIM MARSHALL, PLA, FASLA

PRINCIPAL

EDUCATION

1983
Rutgers University
BS of Landscape Architecture

PROFESSIONAL EXPERIENCE

1997 - present
ETM Associates, LLC

1983 - 1997
Central Park Conservancy

LICENSURE

NY, MD, NJ (AS00087200)

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects, Fellow

City Parks Alliance, Board of Directors (former)

Department of Landscape Architecture, Rutgers University, Co-Chair of Alumni Advisory Committee

Timothy Marshall has extensive hands-on experience with park management and operations, with over 30 years in the field. Mr. Marshall was formerly the Vice President for the Central Park Conservancy and Deputy Administrator of Central Park for more than 13 years with direct responsibility for the daily management of the Park. He has extensive knowledge on the challenges grounds maintenance staff encounter and provides creative problem solving for park management and operations, funding and public/private involvement. Mr. Marshall has been a registered Landscape Architect since 1989 and was elevated to the ASLA Council of Fellows in 2016.

SELECTED PROJECTS

Waterfront Parks:

2015-Ongoing	Waterfront Seattle; Seattle, WA
2014-Ongoing	Waterloo Greenway; Austin, TX
2018-21	Missouri Riverfront Revitalization; Omaha, NE & Council Bluffs, IA
2018-Ongoing	Portlands Flood Protection Enabling Infrastructure; Toronto, ON
2017-19	C&O Canal; Georgetown, MD
2017-18	Grand River Corridor Master Plan; Grand Rapids, MI
2017	Willamette Falls Riverwalk; Oregon City, OR
2016-17, 21	Wayzata Lake Effect; Wayzata, MN
2014-15	Port Masterplan; Chula Vista, CA
2013-14	Houston Bayou Greenways; Houston, TX
2013	RiverFirst Park; Minneapolis, MN
2013	San Diego CAC Waterfront Park; San Diego, CA
2011	Cumberland Park; Nashville, TN
2010-12, 17	Buffalo Bayou Park; Houston, TX
2008	Sir Bani Yas Island; Abu Dhabi, UAE
2008	Art Park; Abu Dhabi, UAE
2006-11	Governors Island O+M Plans (Masterplan to CD); New York, NY
2006-11	East River Waterfront Park; New York, NY

Notable Projects:

2021-Ongoing	Overton Park Master Plan; Memphis, TN
2020-Ongoing	Dorothea Dix Plaza & Play; Raleigh, NC
2014-Ongoing	Bella Abzug Park (Hudson Park and Boulevard); New York, NY
2014-Ongoing	Waterloo Greenway; Austin, TX
2016-18	Buckhead Park; Atlanta, GA
2016-17	Jones Plaza; Houston, TX
2013-17	Houston Arboretum and Nature Center; Houston, TX
2014-17	Grand Junction; Westfield, IN
2014-15	Hemisfair Civic Park and Play Escape; San Antonio, TX
2013-15	Franklin Park; Washington DC
2013	606/ Bloomingdale Trail; Chicago, IL
2013	Maggie Daley Park; Chicago, IL
2012-17	Republic Square Park; Austin, TX
2011-15	The Gathering Place; Tulsa, OK
2008-13	Hudson Park and Boulevard; New York, NY
2008-12	Canal Park; Washington, DC

HR&A Analyze. Advise. Act.

CANDACE DAMON

VICE CHAIRMAN

EDUCATION

Harvard University
Law School
Juris Doctor
1986

Amherst College
Bachelor of Arts
American Studies
1981

WORK EXPERIENCE

HR&A Advisors, Inc.
(Formerly Hamilton, Rabinovitz & Alschuler, Inc.)
Vice Chairman
1988 – Present

G. Works
Founding Partner
2009 – Present

Webster & Sheffield
Real Estate Associate
1986 – 1988

Lincoln Institute of Land Policy
Research Associate
1985 – 1986

Massachusetts Bar Association
Committee on Alternative Dispute Resolution
Research Associate
1984 – 1985

New York City
Office of Management and Budget
(Office of Community Board Relations)
Analyst
1981 – 1983

Candace is Vice Chairman of HR&A Advisors, Inc. and has over 35 years of experience in the management of complex, public-private real estate and economic development activity. Candace has devoted her career to crafting sustainable urban redevelopment strategies in cities across North America. Her specific areas of expertise include supporting master planning efforts for large-scale revitalizations, ensuring the long-term viability of urban open space, leading organizational planning for non-profits and institutions, and addressing the financial challenges of making commercial and multifamily residential buildings energy efficient. Candace also engineers successful strategies for downtown and waterfront redevelopment across the country.

Great River Passage Master Plan Implementation, St. Paul, MN
Analyzed of opportunities and challenges of funding the Great River Passage in Saint Paul, Minnesota. Assessed best practices for programming, operations, maintenance, management and funding of comparable efforts. Recommended a strategy for master plan implementation and management and funding stewardship.

Mississippi River Learning Center Program Design and Feasibility, Saint Paul, MN
On behalf of the City of St. Paul, National Parks Service, Wilderness Inquiry, and the Capital Region Watershed District, advised the Great River Passage Initiative on programming, governance, and potential partnerships for the proposed River Learning Center to be located along the Mississippi River. Refined vision and program for site and assessed local and regional market demand for the proposed programming opportunities. Estimated an operating budget based on programming and operation costs and revenue potential and develop a governance and partnership strategy and laid out next steps for implementation of the project.

Seattle Waterfront Park Operations and Maintenance Strategy
Created a funding and management strategy for the operations, management, and maintenance of a new waterfront park in Seattle, Washington. For the City of Seattle, evaluated the economic benefits of expected public and private investment, including increments in real estate value and visitor spending. The planned park, designed by award-winning landscape architect James Corner Field Operations, will stretch two miles along the city's downtown waterfront.

Economic and Policy Analysis for Green Line Parks & Commons Initiative in Minnesota
Advised the Trust for Public Land on the economic and policy elements of the Green Line Parks and Commons Initiative, a vision for open space and economic development along the new Central Corridor Light Rail transit corridor, which runs between Minneapolis and St. Paul, Minnesota. To encourage private development of publicly-accessible open space along the transit corridor, identified key nodes for development and conducted a financial gap analysis to determine development feasibility of publicly accessible open space at three prototypical sites. Evaluated the impact of a range of open space development incentives at each site, focusing on developer returns and public costs. Recommended policy interventions to incentivize private investment in open space development along the corridor.

Funding Strategy for Minneapolis Riverfront Development Initiative
Created a funding strategy to implement the Minneapolis Riverfront Development Initiative development initiative in Minneapolis, Minnesota, which included the approved RiverFIRST initiative to redevelop five miles of the downtown waterfront with new environmental restoration projects, real estate developments, and the completion of critical links in the city's famous Grand Rounds bicycle network. Assessed revenue generating potential of real estate

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ERIN LONOFF, AICP

PRINCIPAL

Erin leverages her experience with urban planning, economic analysis, and real estate to support public and private sector clients. Based in Minneapolis, Erin has worked throughout the Midwest, creating open space programming and revenue generation strategies, leveraging transit investment for equitable economic growth and dense, sustainable real estate development, and developing large-scale master plans that create economic and fiscal benefits for cities and their surrounding regions.

Mississippi River Learning Center Program Design and Feasibility, Saint Paul, MN

On behalf of the City of St. Paul, National Parks Service, Wilderness Inquiry, and the Capital Region Watershed District, advised the Great River Passage Initiative on programming, governance, and potential partnerships for the proposed River Learning Center to be located along the Mississippi River. Refined vision and program for site and assessed local and regional market demand for the proposed programming opportunities. Estimated an operating budget based on programming and operation costs and revenue potential and develop a governance and partnership strategy and laid out next steps for implementation of the project.

St. Paul Central Station Block Feasibility Analysis, MN

For Metro Transit and City of Saint Paul, prepared a market and financial feasibility analysis for the Central Station Block (CSB) to support these public agencies' plans to solicit a private development partner for the CSB. Assessed market for residential, retail, and offices uses for the site and identified competitive opportunities and challenges for redevelopment in the Twin Cities market context. Prepared two conceptual development program scenarios for the site that were responsive to market conditions and public-sector goals for the site's redevelopment and assessed the financial feasibility for these scenarios.

Equitable Downtown Placemaking, Indianapolis, IN

Currently advising City of Indianapolis on an equitable placemaking strategy of four public spaces in Downtown Indianapolis: Monument Circle, Georgia Street, Canal Walk, and Lugar Plaza. Creating programming vision that identifies and seeks to expand potential audiences. Developing long-term, sustainable operating budget, aligning costs and revenues with equity and inclusion goals. Developing governance framework that delivers equitable programming vision and operating budget, increases accountability and efficiencies, and distributes power to those who historically have not had a voice.

Commons Park Design and Programming Analysis, Minneapolis, MN

Estimated earned income potential from program and design elements in Commons Park, a new signature park in downtown Minneapolis, Minnesota. Evaluated revenue potential of an ice rink, food and beverage facilities, festivals, public events, private event rentals, and seasonal retail. Concluded that the park could cover 18% to 33% of its operating costs through an earned income program, which would also aid in park activation and provide multiple community benefits. Commons Park opened in July 2016.

Planning for Catalytic Riverfront Open Space, Minneapolis, MN

Supported early planning stages for innovative, catalytic open space design along Mississippi River in Minneapolis. Developed memorandum guiding key steps for coalition building, preliminary branding, implementation planning, and fundraising for the design.

EDUCATION

University of Pennsylvania
Master in City Planning
2012 – 2014

Carleton College
B.A. Political Science, *cum laude*
2005 – 2009

WORK EXPERIENCE

HR&A Advisors, Inc.
Principal
2018 – Present

HR&A Advisors, Inc.
Director
2016 – 2018

HR&A Advisors, Inc.
Senior Analyst
2015 – 2016

HR&A Advisors, Inc.
Analyst
2014 – 2015

HR&A Advisors, Inc.
Summer Analyst Fellow
2013

Federal Trade Commission, Bureau of Consumer Protection, Division of Financial Practices
Investigative Assistant
2010 – 2012

Covington and Burling, LLC
Litigation Paralegal
2009 – 2010

AFFILIATIONS

ULI MN Housing Council
2020 - Present

Urban Design Forum
Forefront Fellow
2016 – 2017

New York Women Executives in Real Estate, Scholarship Recipient
2013 – 2014

Carleton College Alumni Annual Fund Board of Directors
Director
2010 – 2013

TONGVA PARK
SANTA MONICA, CA

CLIENTS

Public Sector
City of New York
City of Seattle
City of Santa Monica
City of Minneapolis
City of Miami Beach
City of Vancouver
Municipality of Shenzhen

Institutional
Princeton University
Columbia University
Cornell University
Qatar Museums
National Trust for Historic Preservation

Development
Brookfield Properties
Lendlease
Two Trees Management
PIDC Philadelphia
WS Development
Able Company
New World Development
Godrej Properties

Corporate
Comcast NBCUniversal
MGM
Oakland Athletics
Citigroup

Parks Groups
Friends of the High Line
Hudson River Park Trust
Delaware River Waterfront Corporation
Friends of The Underline
Parks for Downtown Dallas
Shelby Farms Park Conservancy
Golden Gate National Parks Conservancy
The Presidio Trust
National Park Service
Georgetown Heritage

NAVY PIER
CHICAGO, IL

JAMES CORNER FIELD OPERATIONS