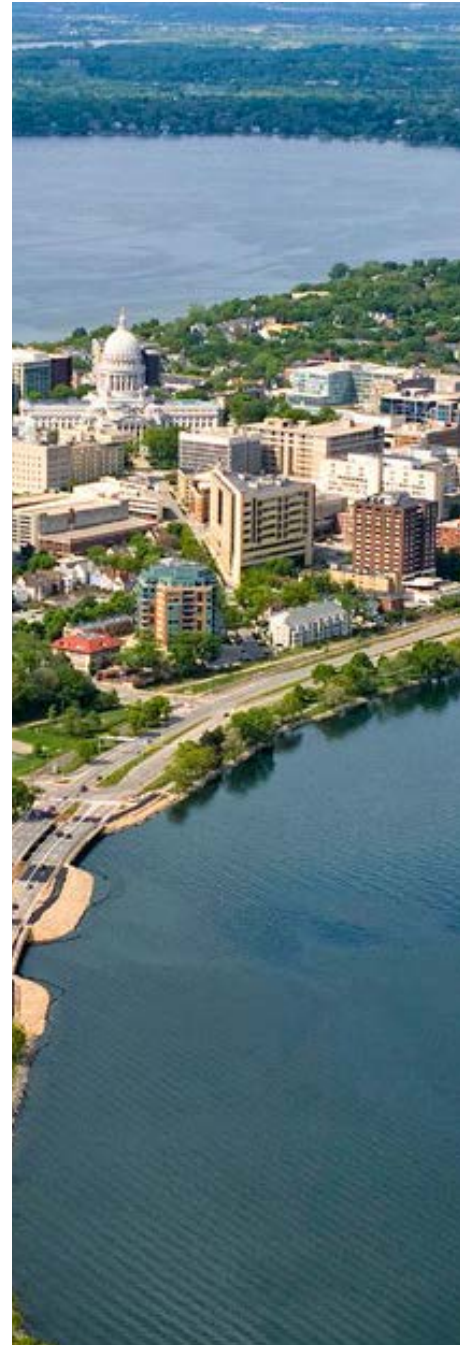


Lake Monona Waterfront Design Challenge

RESPONSE TO REQUEST FOR QUALIFICATIONS
RFQ #10082-0-2022-BP

MAY 2, 2022

SASAKI





SMALE RIVERFRONT PARK | CINCINNATI, OHIO



May 2, 2022

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

Dear Mr. Pittelli,

Thank you and we are honored to submit our team's qualifications to the selection committee for the Lake Monona Waterfront Design Challenge.

Madison is a thriving capital city, the county seat, and home to the University of Wisconsin. The city offers notable cultural resources from the Ho-Chunk people to Frank Lloyd Wright's architectural legacy, and an abundance of natural, ecological and recreational resources. However, all too often cities manage to become disconnected from cultural and natural resources due to many factors – we assure you Madison is not alone. Our team has experienced similar challenges in many other urban waterfront cities. We are excited to help Madison craft a master plan vision that inspires the community and visitors by reconnecting the city to Lake Monona in a safe, obvious, and purposeful manner.

We believe the Sasaki team is uniquely qualified – bringing an unparalleled portfolio of national projects and experience that has not only touched but also transformed the cities in which we have worked. Our approach integrating urban design, landscape architecture, planning, engineering, and ecology combined with our experience throughout the Midwest will inform our strategy for Lake Monona. This interdisciplinary and highly collaborative process will result in a vision that is fully responsive to the broader goals and framework outlined in your Request for Qualifications. We are joined in this endeavor by GRAEF for civil and transportation engineering and local landscape architecture, Moffatt & Nichol providing marine and coastal engineering, and Applied Ecological Institute specializing in ecological and habitat restoration.

We are a process driven, inclusive, and iterative design practice that brings the best minds to the table to help solve your challenges. We look forward to synthesizing the extensive public outreach that the City has conducted previously to inform the vision for the Lake Monona Waterfront.

We are confident that with this team of experts and our deep knowledge of planning and building award-winning projects, we can hit the ground running to deliver a world-class project to support a world-class downtown. Thank you for your consideration. We look forward to an opportunity to expand the conversation and deepen our understanding of how we can assist.

Sincerely,

Mark Dawson | FASLA, PLA
Principal in Charge
617.923.7225
mdawson@sasaki.com

Anna Cawrse | ASLA, PLA
Design Principal
720.776.4676
acawrse@sasaki.com

Lake Monona Waterfront Design Challenge

RESPONSE TO REQUEST FOR QUALIFICATIONS
MAY 2, 2022

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SCOPE & CHALLENGES 97



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.

Sasaki Associates, Inc.

COMPANY NAME

SIGNATURE

April 13, 2022

DATE

Mark Dawson

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	
Form A: Signature Affidavit	MD	
Form B: Receipt of Forms and Submittal Checklist	MD	MD
Form C: Proposer Profile	MD	
Form D: Fee Proposal	N/A	N/A
Form E: References	MD	
Appendix A: Standard Terms & Conditions	N/A	
Appendix B: Contract for Purchase of Services	N/A	
Addendum # 1	N/A	MD
Addendum # 2	N/A	MD
Addendum #	N/A	
Addendum #	N/A	

Sasaki Associates, Inc.

VENDOR NAME

Sasaki Associates, Inc.

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.) Sasaki Associates, Inc.			
FEIN 04-2230445	(If FEIN is not applicable, SSN collected upon award)		
CONTACT NAME (Able to answer questions about proposal.) Anna Cawrse	TITLE Design Lead Associate Principal		
TELEPHONE NUMBER 617.923.7274	FAX NUMBER 617.924.2748		
EMAIL acawrse@sasaki.com			
ADDRESS 414 14th Street, Suite 250	CITY Denver	STATE CO	ZIP 80204

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 Anna Cawrse	TITLE Design Lead Associate Principal		
TELEPHONE NUMBER 617.923.7274	FAX NUMBER 617.924.2748		
EMAIL acawrse@sasaki.com			
ADDRESS 414 14th Street, Suite 250	CITY Denver	STATE CO	ZIP 80204

ORDERS/BILLING CONTACT

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

CONTACT NAME Steven Roscoe	TITLE Chief Financial Officer Principal		
TELEPHONE NUMBER 617.923.7191	FAX NUMBER 617.924.2748		
EMAIL sroscoe@sasaki.com			
ADDRESS 64 Pleasant Street	CITY Watertown	STATE MA	ZIP 02472

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:	
<input type="checkbox"/>	Yes, we are a local vendor and have registered on the City of Madison website under the following category: _____ www.cityofmadison.com/business/localPurchasing
<input checked="" type="checkbox"/>	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 LSU Foundation		CONTACT NAME Leu Anne Greco	
ADDRESS 3796 Nicholson Drive		CITY Baton Rouge	STATE LA
TELEPHONE NUMBER 225.578.0525		ZIP 70802	
FAX NUMBER		FAX NUMBER	
EMAIL lgreco@lsufoundation.org			
CONTRACT PERIOD 3/2021-11/2021		YEAR COMPLETED 2021	TOTAL COST \$899,438
DESCRIPTION OF THE PERFORMED WORK Plan for the Restoration of University Lakes: In Baton Rouge, Louisiana, Sasaki is leading the design and implementation of an ambitious project to set the University Lakes on a more ecologically sustainable and recreationally rich future. In collaboration with the community of Baton Rouge, University Lakes LLC, Louisiana State University, East Baton Rouge Parish, the State of Louisiana, BREC, Stantec, and CSRS, Sasaki is working to make the lakes safer, more beautiful, and a more welcoming place for people and nature. Sasaki is setting a long-term framework for the full reconstruction of the lake system which will consist of dredging the lake bottom and reshaping the banks to create a more robust and sustainable ecological condition. Additionally, Sasaki will weave in recreational amenities that support a diverse cross section of people, resulting in a dynamic public realm amenity for Baton Rouge.			

REFERENCE #2 – CLIENT INFORMATION			
COMPANY NAME Parks & Recreation Commission for the Parish of East Baton Rouge		CONTACT NAME Reed Richard	
ADDRESS 6201 Florida Blvd.		CITY Baton Rouge	STATE LA
TELEPHONE NUMBER 225.250.9947		ZIP 70806	
FAX NUMBER		FAX NUMBER	
EMAIL rrichard@brec.org			
CONTRACT PERIOD 11/2018 - 09/2019		YEAR COMPLETED 2019	TOTAL COST \$500,000
DESCRIPTION OF THE PERFORMED WORK Greenwood Community Park Master Plan: Sasaki was hired to develop a long-term master plan and implementation strategy for the new and reinvigorated 'Signature Park' for East Baton Rouge's Parks and Recreation system. This master planning process included bringing together stakeholders on both sides of the table to find common ground around a future for this amazing ecological site in the heart of the parish. The goal was to deliver a much needed community asset for the adjacent neighborhoods as well as developing a vision for a larger regional destination which could host major community events. The design team was responsible for integrating multi-modal connections in and around the park, as well as ensuring flood resilience and stormwater protections for this frequently flooded area. The master plan will include provisions for revenue generating programs specifically tailored to the community needs and desires and supported by economic analysis.			

Sasaki Associates, Inc.

COMPANY NAME

Rev. 07/20/2015-RFQ 10082 FormE-References.doc

	<p>Form E: References</p> <p>RFP #:10082-0-2022-BP</p>
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	<p>Form E: References</p> <p>RFP #:10082-0-2022-BP</p>
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REFERENCE #3 – CLIENT INFORMATION			
COMPANY NAME City of Chicago		CONTACT NAME Michelle Woods	
ADDRESS 30 North LaSalle St, Suite 300	CITY Chicago	STATE IL	ZIP 60602
TELEPHONE NUMBER 312.744.4834	FAX NUMBER		
EMAIL michelle.woods@cityofchicago.org			
CONTRACT PERIOD 8/2011-7/2013	YEAR COMPLETED 2013	TOTAL COST \$927,755	
DESCRIPTION OF THE PERFORMED WORK <p>Chicago Riverwalk: As a new connected path system, the Chicago Riverwalk design provides both continuity and variety for a park visitor. The distinct programs and forms of each typological space allow for diverse experiences on the river ranging from dining opportunities to expansive public event programming to new amenities for human-powered craft. To accommodate the river's annual flood dynamics of nearly seven vertical feet, all elements of the project—planting, lighting, paving, etc.—were designed to be resilient to annual inundation.</p>			

REFERENCE #5 – CLIENT INFORMATION			
COMPANY NAME Cincinnati Park Board		CONTACT NAME Dave Prather	
ADDRESS 950 Eden Park Drive	CITY Cincinnati	STATE OH	ZIP 45202
TELEPHONE NUMBER 312.744.4834	FAX NUMBER		
EMAIL dave.prather@cincinnati-oh.gov			
CONTRACT PERIOD 5/2002-8/2002	YEAR COMPLETED 2002	TOTAL COST \$538,379	
DESCRIPTION OF THE PERFORMED WORK <p>Smale Riverfront Park: The John G. and Phyllis W. Smale Riverfront Park is a 32-acre park along the banks of the Ohio River in downtown Cincinnati. The largest in a series of public parks along the high banks of the river, the park is framed by great city landmarks including the Roebling Bridge, the National Underground Railroad Freedom Center, the Paul Brown Stadium, and the Great American Ball Park.</p> <p>The riverfront park completes a necklace of open spaces on the river, links statewide recreation trail and bike systems, and reconnects the heart of downtown Cincinnati to the great Ohio River. Sasaki's design for the park creates an appropriate setting for the Roebling Bridge—a historically significant architectural icon—along with areas for large gatherings, passive recreation, and programmed events.</p>			

REFERENCE #4 – CLIENT INFORMATION			
COMPANY NAME Bonnet Springs Park, Inc.		CONTACT NAME Bill Tinsley	
ADDRESS 400 Bonnet Springs Blvd.	CITY Lakeland	STATE FL	ZIP 33815
TELEPHONE NUMBER 863.860.2176	FAX NUMBER		
EMAIL bill@bonnetspringspark.com			
CONTRACT PERIOD 6/2017-3/2018	YEAR COMPLETED 2018	TOTAL COST \$290,634	
DESCRIPTION OF THE PERFORMED WORK <p>Bonnet Springs Park: Sasaki is leading the design effort to transform a 180 acre former industrial and agricultural brownfield in Lakeland, FL into Bonnet Springs Park—Central Florida's next great park. In 2017 the Bonnet Springs Park board hired Sasaki to create a master plan for the park. Sasaki took input from the public during a six-month outreach period and incorporated ideas and desires into an approved design and park mission: to become an ecological jewel, a cultural magnet, and connected community asset.</p> <p>Sasaki's park design includes heritage gardens, a canopy walk, boating activities, sculpture gardens, playgrounds, and an event lawn. New walking and biking paths connect major park spaces with new buildings designed by Sasaki: Welcome Center, Nature Center, Event Center, and Children's Museum and Cafe.</p>			

Sasaki Associates, Inc.

 COMPANY NAME

Sasaki Associates, Inc.

 COMPANY NAME



Section 1 — Qualifications & Capacity to Perform Work

About Sasaki

Since our firm’s inception more than 65 years ago, Sasaki planners and designers have been reinterpreting public space for ongoing economic contribution, civic amenity, ecological and environmental sustainability, and creative programming.

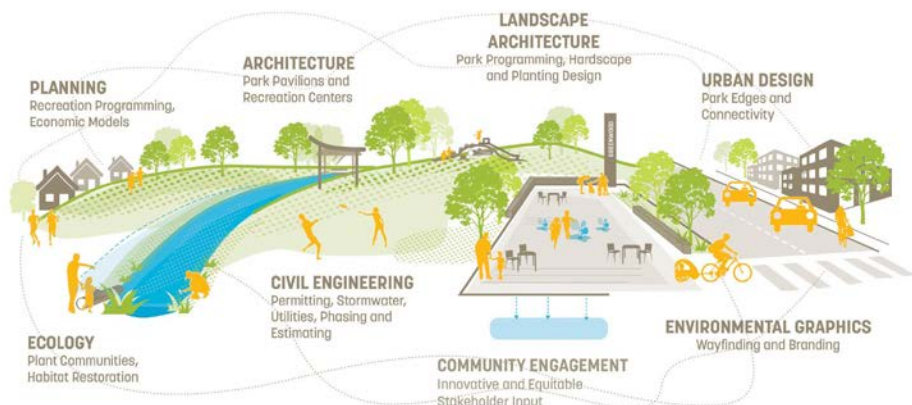
Today, our practice is an interdisciplinary collaborative of 300 professionals, comprising landscape architecture, planning, urban design, architecture, interior design, civil engineering, graphic design, place branding, community engagement, and data science. Our headquarters are located in Boston, Massachusetts, with offices in Denver, Colorado and Shanghai, China.

A dedicated core team of individuals at Sasaki, including this proposed project team, focuses on civic work—especially projects at the intersection of resilience, placemaking, and open space. In partnership with our clients, we focus on improving the quality of life in urban centers.

The core tenets of our work are partnerships with our clients toward shared outcomes, meaningful and memorable community outreach, data-driven analysis, transformation through visionary planning and design, and well-defined implementation strategies to see projects realized.

For this project, Sasaki has assembled a world-class team that is familiar with guiding complex and highly technical projects to fruition under the constraints of time, budget, and public process. This team has national recognition but is grounded in local expertise and experience. Our collaborative approach ensures innovative design solutions that are rooted in effective public engagement strategies.

OUR PARKS PRACTICE



WILMINGTON WATERFRONT PARK | LOS ANGELES, CALIFORNIA

We Know Waterfront Planning

Sasaki's legacy and ongoing evolution is closely tied to America's waterfronts. Our landscape team has led the master planning through implementation of some of the country's most iconic waterfronts including the Chicago Riverwalk in Chicago, IL, Smale Riverfront Park in Cincinnati, OH, and Tom Hanafan Park in Council Bluffs, IA.

Our team understands that waterfront projects have their own complexity that requires specialized expertise, tools, and creativity. Sasaki brings a national and international portfolio of planning, urban design, and landscape-scale waterfront projects. The public realm is an important framework element to help create a sense of place even for projects with implementation phased over time. A compelling, creative, and sustainable landscape strategy for the water's edge, new streets, and other internal landscapes help to define new and expanded districts.

Our approach to resilient waterfront planning adapts to the unique site, needs, and stakeholder/community input of each project. Through our many years of planning complex, urban waterfront projects, our firm has acquired the expertise needed to envision and realize transformative and contextually-sensitive waterfront redevelopment such as the Lake Monona Waterfront.



CHICAGO RIVERWALK | CHICAGO, ILLINOIS

We Know Lake Monona & Madison

We know that our approach to Lake Monona will be tailored to the site's challenges and opportunities. We will look for creative opportunities to enhance the public realm, tackle infrastructural challenges and respect the history of the site and city. Our team brings rich experience working in Madison and Lake Monona.

Moffatt & Nichol has collaborated with Sasaki on numerous challenging waterfront projects, including the Wilmington Waterfront in Los Angeles and the Seaport in Boston. Margaret Boshek, who will lead the Moffatt & Nichol team for this project, has extensive knowledge of Lake Monona, having completed coastal modeling for the lake while at Smith Group. She also was a member of the Madison Design Professionals, a pro bono workgroup of diverse planning and design professionals with the goal of developing a transformative vision for Law Park and the Lake Monona Waterfront.

GRAEF, located approximately three minutes from the project site, will provide multidisciplinary support to the Sasaki led Lakefront design team. Many of the GRAEF staff assigned to the Monona Lakefront project consider Lake Monona an integral part of their lives both professionally and personally. With over three decades of professional service to the Madison Community, GRAEF understands the local concerns, the historic context, the health of its Lakes, the fabric and role of neighborhoods, the City's approval process, a working relationship with City Staff / City Committees / City Commissions and an intimate understanding of the unique challenges of access and connectivity throughout the downtown isthmus.



Multibenefit, Resilient Waterfronts

The Sasaki team’s approach to resilient waterfront design adapts to the unique site, needs, and stakeholder/ community input of each project. We have experience designing diverse resilient urban waterfronts—from plazas with floating constructed wetlands to green parks and nature-based resilient strategies. Through this experience, we understand how to design public spaces that balance flood protection, community recreation and access, and environmental systems—while also navigating the complex realities of waterfront permitting.

"UNCHOKE THE THROAT" DESIGN CONCEPTS FOR THE CHARLES RIVER | BOSTON, MASSACHUSETTS



Diverse Waterfront Experiences

From hard to soft, our designs respond to their context and identify ways to integrate green space even in areas with tight regulatory constraints. In Chicago, Sasaki designed floating wetlands and underwater fish habitat that did not conflict with shipping channel regulations. In **Smale Riverfront Park**, which sits along the banks of the Ohio River in downtown Cincinnati, Sasaki designed key features to be disconnected and removed easily (including removable restroom pods and specimen roses in the rose garden that could be evacuated in a flood). Everything else was made of durable materials that could be cleaned easily. Last spring, the park experienced a record flood. All strategies worked as planned, and the park reopened within a week.



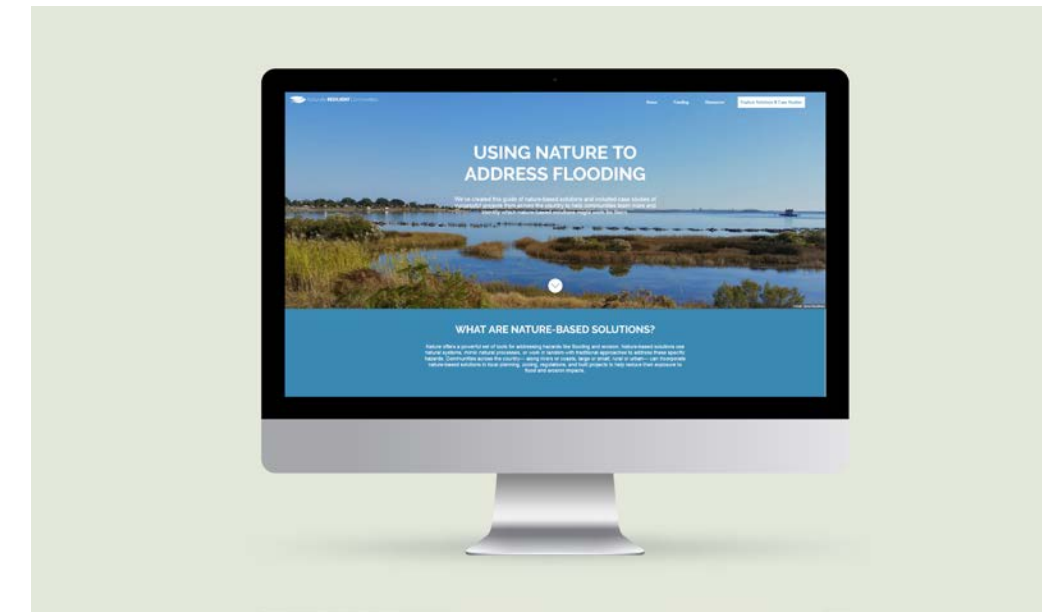
SMALE RIVERFRONT PARK, BEFORE AND AFTER FLOODING | CINCINNATI, OHIO

Nature-based Resilience

With in-house ecologists, our resilient approach always looks for opportunities to integrate nature-based resilience and green infrastructure into projects. For the past four years, we have been working with the non-profit Hoosic River Revival and the Massachusetts Department of Ecological Restoration on the **Hoosic River Flood Chute Naturalization** to rethink existing flood protection strategies (currently 15 foot-high concrete channels) and give more room to the river—restoring it to once-again be the economic, ecological, and visual heart of North Adams. In partnership with the Nature Conservancy—along with APA and ASCE—Sasaki also developed the **NRC Solutions Web Tool** which serves as a national resource to promote nature-based solutions to flooding.

Integrating Access

Sasaki has been working with the Charles River Conservancy and Walk Boston on the "Unchoke the Throat" initiative to advocate for expanded pedestrian access as part of the I-90 reconstruction project along the narrowest part of the Charles River. Sasaki’s design shows options for widening the open space by adding raised boardwalks or carefully adding fill to select places along the Charles River trail. When the US Army Corps of Engineers raised a flood protection levee along the Susquehanna River, the community of Wilkes-Barre was effectively cut off from the river. Luzerne County enlisted Sasaki to design park spaces, waterfront access points, and pedestrian routes that would reconnect the community to the riverfront.



NRC SOLUTIONS WEB TOOL (TOP); HOOSIC RIVER RESTORATION | NORTH ADAMS, MASSACHUSETTS (BOTTOM)

We Know Public Space Design

Public spaces build a sense of community, engender civic identity, and catalyze culture. They facilitate social capital, economic development, and community revitalization. They are at the very heart of successful cities. In some cities, finding new spaces awaiting transformation can be challenging, making the reuse of existing open space an attractive alternative. In others, parks and gardens that were part of an original urban plan have become outdated or dilapidated. When municipalities struggle economically, investment in public spaces may be seen as non-essential. But even a small investment in quality public space delivers enormous return to the cities with the foresight to recognize the potential value.

As an interdisciplinary team of landscape architects, planners, architects, engineers, ecologists, and engagement specialists, we understand that 21st-century park design is a balancing act. Our process carefully orchestrates the complex overlay of many different systems and priorities to deliver a park that defines excellence by a diversity of metrics.



FORT POINT 100 ACRES OPEN SPACE SYSTEM | BOSTON, MASSACHUSETTS



LAWN ON D | BOSTON, MASSACHUSETTS



DUMKE ARTS PLAZA | OGDEN, UTAH

Public Art

The arts are an inseparable part of urban vitality. Successful urban parks can create platforms for expression, helping to make places come alive each and every day and at special times of the year. We believe that public art is part of our history, part of our evolving culture, and part of our collective memory. Our mission is based on the belief that the cultural vitality of our communities benefits from a more active role for the arts in shaping the physical environment.

We look for ways to invite visual and performing artists, musicians, chefs, and other cultural contributors to use the project site as a platform for creative expression. This kind of active programming is quickly becoming the new standard of a successful place, defined by year-round activities that engage people of all ages, abilities, and backgrounds. Though animation strategies can range in scale from massive spectacles to intimate gatherings, they share a common goal of connecting people to place.

The process by which we engage public artists is incredibly varied. We have worked within existing art master plans, collaborated with existing artist/client relationships, assisted clients with the initial artist selection, worked with art consultants, and developed art master plans. We welcome any opportunity to expand our horizons and engage artists with whom we have never collaborated.

We Build Cultural Playgrounds that Push the Boundaries of Play

At Sasaki, we are serious about play and integrating it into all of our projects. Our think tank on urban playscapes is helping to shape a national conversation about the relationship between childhood development and the design of children's outdoor environments. We integrate research into all parts of our design process, using developmental psychology as inspiration for innovative and adventurous elements and following up on implemented playscape projects with post-occupancy evaluations. Planning for innovative, adventurous, and contextual play comes naturally for us. In our design for the Lake Monona Waterfront, we will use our knowledge and cultural understanding to create a playful space unlike any other in the country. We will balance the loud active spaces for adventurous kids with quiet spaces that are necessary for all levels of sensory sensitivity and abilities.



GREENWOOD COMMUNITY PARK | BATON ROUGE, LOUISIANA

Sasaki's research initiative on urban playscapes and the developmental needs of urban youth formed the foundation for an exciting, diverse, and adventure-rich mix of play features within Smale Riverfront Park, including culturally relevant climbing features, collaborative moving parts, and the opportunity to manipulate and experiment with water. Our work at Smale has grown into a robust portfolio of built play projects across the country including in Los Angeles, CA; Wheaton, IL; and Raleigh, NC; and several more playscapes under construction in Boston, MA; Lakeland, FL; Baton Rouge, LA; and Lexington, KY. We do not need to sacrifice creativity for inclusivity, rather we think strategically around how all people engage with a space that can comprehensively represent a cultural heritage.



DENARGO MARKET PUBLIC REALM | DENVER, COLORADO



CHENGDU TIANFU CITY LANDSCAPE | CHENGDU, CHINA



SMALE RIVERFRONT PARK | CINCINNATI, OHIO



SMALE RIVERFRONT PARK | CINCINNATI, OHIO

Our Team

Sasaki will serve as the prime consultant for this effort, providing lead landscape architecture, planning, and architecture services. Sasaki’s core team brings a sophisticated philosophy around park design, specifically in relation to resilience, waterfront planning, and space activation. Sasaki is joined by a collaborative set of consultant partners and together, we balance national expertise with local knowledge. Our team includes frequent collaborators on parks projects across the country, and we will work as a cohesive unit to deliver a successful design for the Lake Monona Waterfront.

If our team is selected as the winner of the design competition we will work with the City to identify a **community engagement** partner to begin the next phase of outreach. We do not have outreach on our team currently because that was stated as not being part of the competition phase.

Mark Dawson, Principal in Charge, is a landscape architect whose specialty is planning and designing award-winning urban landscapes. Mark views the cities in which he works as vital and living ecosystems. By considering and synthesizing the complexities of social, economic, environmental, and cultural influences, he creates coherent, enduring, sustainable designs.

Anna Cawse, Design Principal, is a landscape architect and Co-Director of Sasaki’s office in Denver. She has worked on and managed complex built projects and master plans across North America. From large regional parks along major waterways to small pocket parks within the urban fabric of cities, Anna brings an expertise on how to transition master planning of the public realm into realized space. At every design scale, she has committed her practice to bringing nature into cities based on context-sensitive solutions and looks for innovative ways to create these connections.

Ashley Pelletier, Project Manager, with over 10 years experience, is a landscape architect who is passionate about creating thoughtful outdoor environments that reflect the mission of her clients. From large-scale master plans to site specific design, Ashley’s work seeks to celebrate a site’s unique history and ecological context. She enjoys practicing collaboratively across disciplines to create cohesive spaces from initial project planning, through site construction and implementation.

Steven Walz, Senior Landscape Architect and Technical Lead, is a landscape architect with a portfolio that focuses on the built environment and spans across many scales and scopes of work that includes civic, campus, and mixed-use development. He has experience working on many large-scale planning and built work projects across the world, and has experience managing award-

winning, high-profile built work landscape projects, including the Chicago Riverwalk. He has committed himself to ensuring well-executed landscape projects through close coordination with design team consultants and client groups.

Lanmuzhi Yang, Project Landscape Architect, is a landscape architect practiced in projects in the United States and Asia, ranging from master plans to small urban site projects. Particularly, she has a passion for public space designs that attract people, create cultural and economic opportunities, and enrich biodiversity.

Fred Merrill, Master Planner, is a senior planner with 39 years of national experience planning and designing urban districts, corridors, neighborhoods, central business districts, master planned communities, and mixed-use developments. Fred will serve in an advisory capacity for this project.

Zach Chrisco, Civil Engineer, is Sasaki’s lead civil engineer, and works with built design leaders and interdisciplinary teams to execute, strengthen, and innovate resilient engineering solutions. His portfolio includes some of Sasaki’s most complex site work—from the Chicago Riverwalk to the Wilmington Waterfront Park in Los Angeles. Zach will serve in an advisory capacity for this project.

Sasaki is joined by a team of consultants who bring local experience and technical expertise:

GRAEF will provide civil and transportation engineering, and local landscape architecture services out of their Madison, Wisconsin office. GRAEF is a multi-discipline engineering, planning, and design firm. For 60 years, their ability to excel has been driven by integrity, quality, and their commitment to customer service. They offer clients a full range of design services, and take pride in having a dedicated staff skilled in the latest technologies and knowledge about the evolving marketplace. GRAEF is ranked #366 in Engineering News-Record (ENR) Top 500 Largest Design Firms and #31 in Building Design + Construction’s (BD+C) list of the nation’s Top Engineering-Architecture firms. They are proud to be ranked in the Milwaukee Journal Sentinel’s Top Places to Work (2021, 2020, 2019) and the Milwaukee Business Journal’s Best Places to Work (2021, 2020, 2018).

GRAEF’s Madison office staff participate and are members of Downtown Madison Incorporated (DMI), the Economic Development Committee, the Quality of Life Committee, the Transportation Committee, Clean Lakes Alliance, and the Downtown Rotary Club



SITE IMAGE, FROM RFP

Moffatt & Nichol will provide marine and coastal engineering services. A frequent collaborator with Sasaki, Moffatt & Nichol was founded in 1945 to provide design engineering services to the U.S. Navy and the growing commercial waterfront in southern California. Today, the firm has grown to 44 offices around the world and more than 850 professionals specializing in planning and engineering projects in the coastal environment. Moffatt & Nichol staff includes the largest collection of coastal engineers of any consulting firm in the United States—employing more than 90 coastal engineers who work hand-in-hand with 40 coastal scientists to support creative and practical solutions for clients. Their staff have completed planning, feasibility and modeling studies, analysis and evaluation, preliminary and final designs, opinions of probable costs, and/or construction documents for more than 10,000 projects worldwide.

Shoreline protection is one of Moffatt & Nichol’s core disciplines and includes planning, design, and construction services, as well as environmental resource and functional amenity enhancement. The firm also offers the most up-to-date experience guiding clients through the uncertainties surrounding sea level rise and the potential risk of increased coastal storm activity. Additionally, Moffatt & Nichol has an established track record of developing thoughtful solutions to stormwater management challenges related to both the quantity

and quality of stormwater runoff. They have state-of-the art planning and modeling capabilities to meet a wide variety of settings, as well as an extensive record in designing effective stormwater management devices for both typical site conditions and challenging areas with high groundwater tables and in areas with impermeable soils.

Applied Ecological Institute (AEI) will provide ecology and habitat restoration services. AEI is a non-profit ideation collaborative and startup studio creating global scale, ecological based solutions for a climate positive future. AEI was founded by Steve Apfelbaum, previously of Applied Ecological Services. The AEI team possesses over 180 combined years of experience in investment management, entrepreneurship, conservation finance, ecological restoration, social impact, education, retail, food systems, and organic and regenerative agriculture. Steve Apfelbaum, who will lead the AEI team for this project, has worked on several thousand lake, river, and ocean projects, focused on restoration, stabilization, water quality enhancement, public engagement and education, and habitat restoration. He is currently working on Dead Pike Lake (Manitowish waters, WI), Lake Malileu (Hudson, WI); Lake MI with UW-MKE, and WDR on restoring habitat in a boat slip and shoreline of Lake MI. They also worked on the Great Lake Water resources center stormwater and lake/shoreline plan for the center.



SKATING ON LAKE MONONA | GRAEF

City of Madison

Sasaki

LANDSCAPE ARCHITECTURE, PLANNING, ENGAGEMENT & ARCHITECTURE

Mark Dawson
FASLA, PLA
Principal in Charge

Anna Cawrse
ASLA, PLA
Design Principal

Ashley Pelletier
ASLA, PLA
Project Manager

Steve Walz
ASLA, PLA
Senior Landscape Architect |
Technical Lead

ADVISORS

Lanmuzhi Yang
ASLA, PLA, LEED AP ND
Project Landscape Architect

Lucca Townsend
AIA
Project Architect

Fred Merrill
AICP
Master Planner | Principal

Zach Chrisco
PE, HONORARY ASLA
Civil Engineer | Principal

CIVIL ENGINEERING, TRANSPORTATION ENGINEERING & LOCAL LANDSCAPE ARCHITECTURE

GRAEF LOCAL

Edward Freer
PLA
Local Waterfront Designer &
Planner

James Hansen
PE
Civil Engineer

Andre Ost
PE, PTOE
Transportation Engineer

Loei Badreddine
PE, SE, LEED AP
Civil Engineer

Craig Huebner
AICP
Planner

MARINE & COASTAL ENGINEERING

Moffatt & Nichol LOCAL

Margaret Boshek
PE
Senior Coastal Engineer

Robert Sloop
PE
Coastal Engineer |
Vice President

ECOLOGY & HABITAT RESTORATION

Applied Ecological Institute LOCAL

Steve Apfelbaum
Senior Ecologist | Founder

Mark Dawson

FASLA

Principal in Charge | Landscape Architect

SASAKI



Mark is a landscape architect focused on the urban public market practice. His specialty is planning and designing award-winning urban landscapes.

Mark views the cities in which he works as vital and living ecosystems. By considering and synthesizing the complexities of social, economic, environmental, and cultural influences, he creates coherent, enduring, sustainable designs. As a part of his work, Mark educates communities about the importance of public spaces and how their ownership and involvement ensures environmental and social sustainability and economic revitalization.

YEARS OF EXPERIENCE

33

EDUCATION

Utah State University

Bachelor of Landscape Architecture

REGISTRATIONS

Registered Landscape Architect: AZ, CT, DE, IA, IL, IN, KY, MA, MD, ME, MN, MO, NC, NE, NJ, NV, NY, OH, OR, PA, RI, SC, TN, TX, UT, VA, WI

Certificate: Council of Landscape Architectural Registration Board

PROFESSIONAL AFFILIATIONS

American Society of Landscape Architects Fellow

Boston Society of Landscape Architects

Urban Land Institute: Sustainable Development Council Member

The Waterfront Center: Board of Directors, 2002-Present

The Landscape Architecture Foundation: Board of Directors, 2005-Present, President 2015

URBAN LANDSCAPE AND DESIGN EXPERIENCE

2008 Beijing Olympics Olympic Green; Beijing, China

Abraham A. Ribicoff Federal Building and Courthouse Plaza Renovations; Hartford, Connecticut

Addison Circle Park; Addison, Texas

Akron Canal Park Baseball Stadium; Akron, Ohio

Akron Lock 2 Park; Akron, Ohio

Allen Civic Plaza; Allen, Texas

Americas World Trade and Convention Center; San Juan, Puerto Rico

Basketball Hall of Fame; Springfield, Massachusetts

Betty B. Marcus Park; Dallas, Texas

Boston City Hall and Plaza Renovations; Boston, Massachusetts

Boston Common Garage Renovation; Boston, Massachusetts

Cedar Rapids Reinvestment and Redevelopment Framework Plan; Cedar Rapids, Iowa

Chongli Winter Olympic Service Center Landscape Design; Chongli, China

Chongqing City Center Mountain Park; Chongqing, China

Cincinnati John G. and Phyllis W. Smale Riverfront Park; Cincinnati, Ohio

Cityplace; Dallas, Texas

Coconut Grove Waterfront Master Plan; Miami, Florida

Tom Hanafan River's Edge Park; Council Bluffs, Iowa

Dayton Riverfront Master Plan; Dayton, Ohio

Davis Park; Kansas City, Missouri

East Pier; East Boston, Massachusetts

Guangzhou Baietan CBD Julong Area Landscape Master Plan and Conceptual Design; Guangzhou, China

Harbor Point; Stamford, Connecticut

Hoosic River Landscape Design and Restoration; North Adams, Massachusetts

Ithaca Commons; Ithaca, New York

Jacksonville Shipyard Waterfront; Jacksonville, Florida

Jinan Prior Zone Landscape Design; Jinan, China

J. W. Ray Park; Dallas, Texas

Kunming Horti-EXPO Park Renovation; Kunming, China

Lake Worth Waterfront; Lake Worth, Florida

Lowell Baseball Stadium; Lowell, Massachusetts

Nanchang Xianghu Area Street Landscape Design; Nanchang, China

National Harbor; National Harbor, Maryland

Ohio and Erie Canal Improvements; Akron, Ohio

Pensacola Waterfront; Pensacola, Florida

Puerto Rico Trade and Convention Center District Master Plan; San Juan, Puerto Rico

Reading Riverfront Master Plan; Reading, Pennsylvania

Reading Riverfront Landing Amphitheater and Park; Reading, Pennsylvania

Shelby County South Cypress Creek Implementation; Shelby County, Tennessee

Sunbury Riverfront Park; Sunbury, Pennsylvania

Technology Square; Cambridge, Massachusetts

Topeka Riverfront Master Plan; Topeka, Kansas

Troy City Hall Redevelopment; Troy, New York

US Embassy Compound Master Plan; Seoul, Korea

Virginia Beach Master Plan; Virginia Beach, Virginia

Whibbs Community Maritime Park; Pensacola, Florida

Xiong'An Ecological Levee Public Space Competition; Xiong'an, China

COMMERCIAL EXPERIENCE

Choctaw Cultural Center and Resort; Philadelphia, Mississippi

Electronic Data Systems Headquarters; Plano, Texas

Forest Hill; Memphis, Tennessee

Goldenstar Casino; Philadelphia, Mississippi

Green Garden Residential

Development; Jakarta, Indonesia

Hallbrook Farm; Leawood, Kansas

Hudson National Golf Club; Croton on Hudson, New York

LEGOLAND California; Carlsbad, California

Leominster Landfill Reuse Study; Leominster, Massachusetts

Liberty Sports Communications; Irving, Texas

Manati Resort; Manati, Puerto Rico

Mangrove Tree Resort; Hainan Island, Peoples Republic of China

Meadowland Mixed Use Development; Hackensack, New Jersey

Mohawk Resort; Monticello, New York

Mitsui Saku Resort; Nagano Prefecture, Japan

Port Ghalib Marina Village; Al Jazirah El Hamra, Egypt

Quarterpath at Williamsburg; Williamsburg, Virginia

Sleepy Hollow Country Club; Tarrytown, New York

Southwind Golf Community; Memphis, Tennessee

Suzhou Taihu International Golf; Shanghai, Peoples Republic of China

Texas Scottish Rite Hospital; Dallas, Texas

INSTITUTIONAL EXPERIENCE

Arizona State University, Hayden Library Expansion; Tempe, Arizona

Babson College; Wellesley, Massachusetts

Brandeis University, Ford Sports and Convocation Center; Waltham, Massachusetts

Embry-Riddle Aeronautical University Master Plan; Daytona Beach, Florida

Keene State College; Keene, New Hampshire

Loyola Athletic Complex; Baltimore, Maryland

Massachusetts Institute of Technology Stiembremer Field renovation; Cambridge, Massachusetts

Northern Arizona University, Cline Library Addition; Flagstaff, Arizona

Phillips Exeter Academy; Exeter, New Hampshire

Providence College-Sports Field Master Plan; Providence, Rhode Island

Rhodes College Athletic Facility Master Plan; Memphis, Tennessee

Rice University; Houston, Texas

San Diego State University; San Diego, California

University of Akron Master Plan; Akron, Ohio

University of Akron Wayfinding; Akron, Ohio

University of Arkansas at Little Rock; Little Rock, Arkansas

University of Balamand; Tripoli, Lebanon

Vassar College; Poughkeepsie, New York

University of Chicago; Chicago, Illinois

University of Missouri; St. Louis, Missouri

North Carolina State A & T University; Greensboro, North Carolina

Anna Cawrse

ASLA, PLA

Design Principal | Landscape Architect |
Denver Office Director

SASAKI



Anna is a landscape architect who has worked on and managed complex built projects and master plans across the world. From large regional parks along major waterways, to small pocket parks within the urban fabric of cities, Anna brings an expertise on how to transition master planning of the public realm into realized space.

At every design scale, she has committed her practice to bringing nature into cities based on context-sensitive solutions and looks for innovative ways to create strong social and environmental connections. Anna is dedicated to engaging the community in all of her projects and strives to create designs that reflect the current and future communities' needs. Her passion for designing the public realm allows her to tackle the complexity of built projects, while considering the project's ecological and social impacts on a site.

Anna is also an Adjunct Professor at Northeastern University's Sustainable Urban Environments and teaches courses on design representation and social systems.

YEARS OF EXPERIENCE

10

EDUCATION

Harvard University Graduate School of Design
Masters of Landscape Architecture

Colorado State University
Bachelor of Landscape Architecture

REGISTRATIONS

Registered Landscape Architect: CO, TX

Certified Construction Document Technologist

PROFESSIONAL AFFILIATIONS

The Cultural Landscape Foundation Board Member

Downtown Denver Partnership Public Realm Council; 2020 - Present

City Parks Alliance; 2019 - Present

National Recreation and Parks Association; 2018 - Present

Colorado State University Alumni Advisory Board; 2016 - Present

American Society of Landscape Architecture; 2012 - Present

Urban Land Institute - Group Liaison for the Young Professionals Partnership Forum; 2016 - 2017

City and County of Denver Stakeholder Task Force - Zoning Evaluation; 2016 - 2017

Downtown Denver Partnership Public Realm Council; 2012 - 2016

Design Workshop Director of Design Innovation Council; 2014 - 2016

Colorado Chapter American Society of Landscape Architects Professional Education Coordinator; 2012-2016

Rocky Mountain Harvard University Club; 2012 - 2016

American Society of Landscape Architects Board of Emerging Leaders; 2013 - 2014

SELECT EXPERIENCE

36th Street Design; Denver Colorado

Bonnet Springs Park; Lakeland, Florida

Chestnut Place Streetscape; Denver, Colorado

Denver Parks and Recreation Game Plan; Denver, Colorado

Dumke Arts Plaza; Ogden, Utah

Greenwood Community Park Master Plan; Baton Rouge, Louisiana

Greenwood Community Park Phase 1 Implementation; Baton Rouge, Louisiana

Hellinikon Metropolitan Park and Public Realm; Athens, Greece

High Line Canal Framework Plan; Denver, Colorado

Hurley Master Plan (RiNo); Denver, Colorado

LaSalle Street Vision Plan; Chicago, Illinois

Mallory Square Waterfront Plaza; Key West, Florida

National Pulse Memorial Competition; Orlando, Florida

Re-imagine Reid Park Master Plan; Tuscon, AZ

Restoration of University Lakes; Baton Rouge, Louisiana

Sarasota Bayfront Master Plan, Sarasota, Florida

Zagreb Fair Site Master Plan; Zagreb, Croatia

PREVIOUS EXPERIENCE

Sun Valley Master Plan; Denver, Colorado

RiNo World Trade Center; Denver, Colorado

I-70 Lid Park; Denver, Colorado

Cadence Parks & Open Space Master Plan; Henderson, Nevada

18 off North Park; Omaha, Nebraska

Connecting Auraria; Denver, Colorado

Federal Boulevard Corridor Study; Denver, Colorado

Dominion Bridge; Public Realm; Calgary, Alberta, Canada

Greenwich Master Plan; Calgary, Alberta, Canada

Post Oak Boulevard; Houston, Texas

Vancouver Parks & Open Space Master Plan; Vancouver, British Columbia, Canada

The Park on San Felipe; Houston, Texas

Shanghai Vanke Albany Open Space; Shanghai, China

HONORS & AWARDS

Dumke Arts Plaza, DesignArts Utah '22 Exhibition at the Utah Museum of Contemporary Art Winner; 2022

Colorado ASLA Communications - Climate.Park.Change; 2021

Colorado ASLA Analysis and Planning - Greenwood Park; 2021

Portraits of Inclusion Award Recipient; 2019

SELECT SPEAKING

Placemake Earth Challenge: Placemaking US-Inspiration for Participants of the Placemake Earth Challenge, 2021

Interview for WBRZ2 (Local News Station in Baton Rouge): Our Lakes Fest Updates Public on University Lakes Restoration Project, 2021

NRPA National Conference: Climate.Park.Change: An Interactive Toolkit for Creating Resilient Parks, 2021

Ontario Parks and Recreation: Climate.Park.Change: An Interactive Toolkit for Creating Resilient Parks, 2021

Oregon Outdoor Recreation Summit: Climate.Park.Change, 2021

University of Detroit Mercy: PRESENT / FUTURE: Tell It Like It Might Be, 2021

UC Berkeley: Career Development Conversation with Sasaki, 2021

ASLA National: POPPs Unlimited: Privately Owned Public PARKS on a Grand Scale; 2020

NRPA National: From Brown to Green: Transforming Urban Infrastructure in Lakeland, Florida; 2020

Architecture Newspaper Trading Notes: Rewilding Urban Parks; 2020 ASLA National: Wall Stories & Floor Stories: Narrative, Collaboration and DESIGN; 2019

International Making Cities Livable, WiFi Free Parks; 2019

City Park Alliance Greater and Greener, Bonnet Springs Park, a Layered Infrastructural Past; 2019

Utah State University, Shifting Scales; 2018

ASLA National: Communicate + Collaborate: Putting Words to Action for Better; 2017

National New Partners for Smart Growth Conference, Finding a Common Language: Performance Metrics for District-Scale Success; 2017

National EcoDistricts Conference, Finding a Common Language: Performance Metrics for District-Scale Success; 2016

PUBLICATIONS

Landscape Architecture Magazine, *East Coast Firms Pursue Growing Markets in the Intermountain West*; 2021

International New Landscapes, *Greenwood Community Park*; 2021

NRPA, *Revitalizing Parkland in Evanston, Wyoming*; 2021

WLA, *A Comprehensive New Resource for Park and Recreation Agencies Fighting Climate*; 2021

WLA, *Bonnet Springs park: From Sketch to Construction*; 2021

Next City, *New Mapping Tool Helps Parks Plan for Climate Change*; 2021

Archinet, *Meet the Architects Designing Software to Fight Climate Change*; 2021

Colorado Real Estate Journal: *Strategic Development: Public Life as the Backbone for City-Building*; 2020

World Landscape Architecture Magazine: *Off the Rails*; 2020 Change

SELECT RESEARCH

Climate. Park. Change. *A Design Toolkit For Resilient Parks*

Ashley Pelletier

PLA, ASLA

Project Manager | Landscape Architect | Senior Associate

SASAKI



Ashley is a landscape architect who is passionate about creating thoughtful outdoor environments that reflect the mission of her academic, institutional, and cultural clients.

From large-scale master plans to site specific design, Ashley's work seeks to celebrate a site's unique history and ecological context. She enjoys practicing collaboratively across disciplines to create cohesive spaces from initial project planning, through site construction and implementation.

YEARS OF EXPERIENCE

10

EDUCATION

Cornell University
Master of Landscape Architecture

The Conway School
Master of Art in Landscape Design & Planning

Saint Michael's College
Bachelor of Arts in Art History

REGISTRATIONS

Registered Landscape Architect: RI

SELECT EXPERIENCE

25th Street Public Realm Concept Design; Ogden, Utah

Arizona State University Innovation District Streetscape Design Manual; Tempe, Arizona

Big Creek Stream Restoration and Park Master Plan; Memphis, Tennessee

Bonnet Springs Park; Lakeland, Florida

Boston City Hall Plaza; Boston, Massachusetts

Case Western Reserve University The Nord Family Greenway and Doan Brook; Cleveland, Ohio

Cleveland Museum of Art Landscape Master Plan; Cleveland, Ohio

Denargo Market Public Realm; Denver, Colorado

Dumke Arts Plaza; Ogden, Utah

Greenwood Community Park and Baton Rouge Zoo; Baton Rouge, Louisiana

Merdeka PNB 118 Linear Park; Kuala Lumpur, Malaysia

South Cypress Creek Stream Restoration & Park; Memphis, Tennessee

SELECT AWARDS

Analysis & Planning Honor Award, Big Creek Stream Restoration & Park Master Plan; Tennessee ASLA, 2019

Michael Rapuano Memorial Medal for Excellence in Design; Cornell University, 2014

Steven Walz

ASLA, PLA

Senior Landscape Architect |
Technical Lead | Senior Associate

SASAKI



Steven is a Senior Associate Landscape Architect at Sasaki Associates in Watertown, Massachusetts. His portfolio focuses on the built environment and spans across many scales and scopes of work that includes civic, campus, waterfront, and mixed-use development and has experience with many large-scale planning and built work projects around the world.

He has committed himself to ensuring well-executed landscape projects through close coordination with design team consultants and client groups. He understands that thorough coordination between disciplines during the design stages of a project play a major role in the success of execution and ultimate realization of a project.

Steven is attentive to detail and works collaboratively to produce detailed and thorough documentation. His unique understanding of design excellence and the built work process through construction administration is a valued addition to project teams.

YEARS OF EXPERIENCE

10

EDUCATION

Purdue University
Bachelor of Science in
Landscape Architecture

REGISTRATIONS

Registered Landscape
Architect: CO

PROFESSIONAL AFFILIATIONS

American Society of
Landscape Architects

Boston Chapter of the
American Society of
Landscape Architects

URBAN EXPERIENCE

10 World Trade; Boston,
Massachusetts

17 Cambridge Center;
Cambridge, Massachusetts

3737 Buffalo Speedway;
Houston, Texas

Akamai Cambridge
Headquarters; Cambridge,
Massachusetts

Chicago River Edge Idea Lab;
Chicago, Illinois

Chicago Riverwalk - Phase III;
Chicago, Illinois

DCU Center; Worcester,
Massachusetts

Eastridge Transit Center; San
Jose, California

Fort Lauderdale Beachfront
and Intracoastal Master Plan;
Fort Lauderdale, Florida

Hudson Yards Design
Competition; New York,
New York

John G. & Phyllis W. Smale
Riverfront Park - Phase III and
Phase V; Cincinnati, Ohio

The Lawn on D;
Boston, Massachusetts

Marriott International Hotel &
Headquarters; Bethesda,
Maryland

Moore Square; Raleigh, North
Carolina

Starwood Hotels Aloft
& Element; Boston,
Massachusetts

URI / South County Bike Path
Connector; South Kingstown,
Rhode Island

Waterway Square; The
Woodlands, Texas

Westbrook, Calgary Master
Plan; Calgary, Alberta

INTERNATIONAL EXPERIENCE

Beijing Technical Business
District; Gonghuacheng, China

Jinan New Urban District;
Jinan, China

National Creative Cluster;
Beijing, China

"Project Sila" Design
Competition; Abu Dhabi, United
Arab Emirates

Taramani Tech Park
Landscape; Chennai, India

CIVIC EXPERIENCE

2018 OBO Site Design
Guidelines for Diplomatic
Facilities

Federal Reserve Board of
Governors Renovation and
Expansion; Washington D.C.

New Embassy Standardization
System - Prototyping
Diplomatic Facilities

United States Embassy MSGR
Renovation and Expansion;
Bamako, Mali

United States New Embassy
Compound; Beirut, Lebanon

United States New Consulate
Compound - Campus
Redevelopment Feasibility
Study; Ho Chi Minh City,
Vietnam

United States New Embassy
Compound - Project
Development Survey;
Podgorica, Montenegro

United States New Embassy
Compound; N'Djamena, Chad

United States New Embassy
Compound; Riyadh, Saudi
Arabia

United States New Embassy
Compound; Wassenaar, The
Netherlands

INSTITUTIONAL EXPERIENCE

Franklin & Marshall College;
Lancaster, Pennsylvania

Georgetown University;
Washington, DC

Methodist University;
Fayetteville, North Carolina

Middlebury College; Middlebury,
Vermont

New England College - Charter
Dormitory Quad;
Henniker, New Hampshire

The Ohio State University;
Columbus, Ohio

Rowan University;
Glassboro, New Jersey

Sacred Heart University;
Fairfield, Connecticut

University of Massachusetts
Boston; Boston,
Massachusetts

University of Rhode Island
Brookside Apartments;
South Kingstown, Rhode Island

Lanmuzhi Yang

ASLA, PLA, LEED AP ND

Project Landscape Architect

SASAKI



Lan is a landscape architect practiced in projects in United States and Asia, with a range from master plan to small urban site works. Particularly, she has a passion for public space designs that attract people, create cultural and economic opportunities, and enrich biodiversity.

With a cross-disciplinary background in architecture, urban design, and landscape architecture, Lan brings a wider lens to landscape solutions. She is able to tackle the complexity of urban projects while considering the local context and their inner connections. She believes that design is a powerful tool for enhancing the success of a city and its communities.

Lan has engaged in complex waterfront site work, in which she focused on urban revitalization and water resilience design.

YEARS OF EXPERIENCE

10

EDUCATION

University of Pennsylvania
Master of Landscape Architecture, MLA

Master of Architecture, MArch
Certificate of Urban Design

Xi-an University of Architecture and Technology

Bachelor of Architecture
Highest Honors

REGISTRATION

LEED AP ND

PROFESSIONAL AFFILIATIONS

American Association of Landscape Architects
Boston Society of Landscape Architects

SELECT EXPERIENCE

Chengdu Longquanshan Urban Park; Chengdu, China

Chengdu Olympic City; Chengdu, China

Chengdu Panda Reserve; Chengdu, China

Clearwater Waterfront; Clearwater, Florida

Dubai Creek Harbour District; Dubai, United Arab Emirates

Fort Point District 100 Acres Open Space Plan; Boston, Massachusetts

Greenwich Academy; Greenwich, Connecticut

Greenwood Park; Baton Rouge, Louisiana

Hellinikon Metropolitan Park and Public Realm; Athens, Greece

Metropolitan Mile Development Plan; Virginia

Qingdao Railyard Innovation Center; Qingdao, China

Restoration of University Lakes; Baton Rouge, Louisiana

Sarasota Bayfront; Sarasota, Florida

Shanghai Kongkou Stadium and Surrounding Area Urban Design; Shanghai, China

St Edward's University; Austin, Texas

Wuhan Yangchun Lake Business District Landscape Design; Wuhan, China

Wuhan Yangtze River Waterfront; Wuhan, China

Xinyang University South Bay Campus Landscape; Henan Province, China

Lucca Townsend

AIA

Project Architect

SASAKI



Lucca is an architect who uses her unique skills and background to design out-of-the-ordinary spaces. Lucca has a passion for the boundary of architecture and landscape, creating structures that merge with their surroundings to create inspiring public spaces.

Since joining Sasaki in 2016, Lucca has been blurring the edge of architecture and landscape. She collaborates intimately with other disciplines to design work that flows seamlessly from the inside, out. In particular, she helped bring four buildings to life within Lakeland's Bonnet Springs Park, a Welcome Center, Event Center, Children's Museum, and Nature Center.

Lucca pushes the boundaries of technologies, materials, and form; experimenting with new ways of using concrete, wood, terracotta, and more. As a sustainability leader, Lucca advocates for forward thinking design strategies that practically address climate change. A background in designing massive aerial sculpture has given her expertise in using organic forms in buildings. Influenced by her degree in psychology, she is sensitive to designing for people and public spaces. Lucca has a unique ability to think across scales, she can carry an idea from the master plan to the detail, and from the sketch to the final design.

YEARS OF EXPERIENCE

10

EDUCATION

MCGILL UNIVERSITY
Bachelor of Science in Psychology

BOSTON ARCHITECTURAL COLLEGE
Masters of Architecture

REGISTRATIONS

Licensed Architect in Massachusetts (Pending)

SASAKI PROJECT EXPERIENCE

Anant National University, Campus Plan; Ahmedabad, India

Bonnet Springs Park; Lakeland, Florida

Boston Children's Museum Resiliency Study; Boston, Massachusetts

Canopy System for Ciater University; Subang, Indonesia

Connecticut College, Palmer Auditorium Study; New London, Connecticut

Denargo Market Public Realm; Denver, Colorado

Greenway Warming Hut Design; Boston, Massachusetts

Hellinikon Metropolitan Park and Public Realm; Athens, Greece

Restoration of University Lakes; Baton Rouge, Louisiana

Terracotta Pavilion Design; Buffalo, New York

The Tenth Muse; New Orleans, Louisiana

Tufts University, Housing Master Plan; Somerville, Massachusetts

Nord Family Greenway; Cleveland, Ohio

Ogden Arts Plaza; Ogden, Utah

Project Sugar; Binan, Laguna, Philippines

Purdue, Saint Thomas Aquinas Chapel Design; West Lafayette, Indiana

PAST EXPERIENCE

As If It Were Already Here; Studio Echelman; Boston, Massachusetts

1.8; Studio Echelman; London, England

Skies Painted with Unnumbered Sparks; Studio Echelman; Vancouver, Canada

Frederick Merrill

FAICP, LEED AP

Master Planner | Principal

SASAKI



Fred is a senior planner with 39 years of national experience planning and designing urban districts, corridors, neighborhoods, central businesses districts, master planned communities, and mixed-use developments. He also has national experience repurposing brownfields, military bases, and former industrial sites.

Fred leads complex master planning processes that promote collaboration between the client, interdisciplinary professionals and diverse interest groups to achieve beneficial outcomes for multiple stakeholders. Fred works closely with private, public, institutional and non-profit clients to understand their project measures of success and creates a planning process to achieve their goals. His projects are based on strong planning and design ideas, concepts, and best practices that utilize the latest technology for analysis, illustration, communication, and public engagement.

YEARS OF EXPERIENCE

42

EDUCATION

Massachusetts Institute of Technology

Master in City Planning

Massachusetts Institute of Technology

Master of Science in Architectural Studies

University of Wisconsin-Madison

Bachelor of Science in Land Economics

PROFESSIONAL AFFILIATIONS

Fellow, American Institute of Certified Planners

American Planning Association

Urban Land Institute (Sustainable Development Council Member)

Lambda Alpha International Land Economics Society

CIVIC PLANNING AND DESIGN EXPERIENCE

Chadakoin Park West Brownfield Opportunity Area, Master Plan; Jamestown, New York

Uptown Innovation Corridor Strategic Master Plan; Cincinnati, Ohio

Cincinnati Uptown/MLK Corridor Strategic Development Plan; Cincinnati, Ohio

City of Columbia/University of Missouri/Land Use and Urban Opportunities Study, The Campus-Downtown District; Columbia, Missouri

City of Huntsville Annexed Land Master Plan; Huntsville, Alabama

City of Lackawanna Local Waterfront Plan; Lackawanna, New York

City of Newton Zoning Reform Phase 2; Newton, Massachusetts

City of Newton Transportation Master Plan; Newton, Massachusetts

City of Newton, MA Planning Department Management

City of Wetumpka Downtown Master Plan; Wetumpka, Alabama

Clayton CBD Master Plan and Retail Strategy; Clayton, Missouri

Dallas Town Lake; Dallas, Texas

East Hopkinton Land Use Strategy; Hopkinton, Massachusetts

Federal Hill Redevelopment Vision Plan; Springfield, Massachusetts

First Ward Brownfield Opportunity Area Master Plan; Lackawanna, New York

Flint Downtown Health and Wellness District Master Plan; Flint, Michigan

Flint River District Regeneration Strategy; Flint, Michigan

Flint Uptown Reinvestment Strategy; Flint, Michigan

Greenville Downtown Master Plan; Greenville, South Carolina

Hampton Downtown Master Plan and Implementation Strategy; Hampton, Virginia

Harrisburg Downtown Vision Plan; Harrisburg, Pennsylvania

Hershey Town Center Master Plan; Hershey, Pennsylvania

Kessler Woods Land Development Study; Newton, Massachusetts

Lower Broadway District Master Plan; Everett, Massachusetts

LTV Steel South Side Works Master Plan; Pittsburgh, Pennsylvania

Pittsburgh Greater Hill District Neighborhood Master Plan; Pittsburgh, Pennsylvania

Quincy Center Redevelopment Plan; Quincy, Massachusetts

Raleigh Downtown Plan; Raleigh, North Carolina

Reedy River Corridor Master Plan; Greenville, South Carolina

Rocky Fork Blacklick Accord Master Plan; New Albany, Ohio

Routes 1/128 Economic Development Strategy; Peabody, Massachusetts

San Jose Civic Plaza Redevelopment Project; San Jose, California

Sault Ste. Marie Waterfront Gateway Study; Sault Ste. Marie, Ontario

T.F. Green Airport Area Economic Development Plan Phase II; Warwick, Rhode Island

T.F. Green Airport Area Economic Development Plan; Warwick, Rhode Island

Tent City EIR/EIS; Boston, Massachusetts

Waterbury Downtown Strategic Plan; Waterbury, Connecticut

West Baton Rouge Parish Master Plan; West Baton Rouge, Louisiana

COMMERCIAL PLANNING AND DESIGN EXPERIENCE

Ballantyne Corporate Center Strategic Master Plan; Charlotte, North Carolina

Belmont Bay Final Phase Master Plan and Design Guidelines; Woodbridge, Prince Williams County, Virginia

Boston Convention & Exhibition Center (BCEC) Expansion Urban Design Master Plan; Boston, Massachusetts

Brewster Point; Rockport, Maine

Carolina Yards Master Plan; Cary, North Carolina

Denver International Airport (DEN) Real Estate Strategic Development Plan; Denver, Colorado

Fair Lakes; Fairfax, Virginia

Foothills Mall Redevelopment Master Plan; Fort Collins, CO

Hilltop State Office Complex Master Plan; Columbus, Ohio

Houston Energy Corridor District Master Plan; Houston, Texas

Kittery-Portsmouth Naval Shipyard Pre-BRAC Planning Study; Kittery, Maine

Lakeside Corporate Center at PenMar; Cascade, Maryland

Lakeside-Southworks Urban District Plan; Chicago, Illinois

Letterkenny Army Depot Reuse Plan; Franklin County, Pennsylvania

LL Bean Outdoor Discovery School Master Plan; Freeport, Maine

Mayeux Property Master Planned Community; Baton Rouge, Louisiana

Massachusetts Department of Public Health Jamaica Plain Reuse and Development Study; Jamaica Plain, Massachusetts

MetroHealth East Campus Master Plan; Village of Highland Hills, Ohio

NW Quadrant New Community Master Plan; Salt Lake City, Utah

Panama City/Bay County International Airport Reuse Master Plan; Panama City, Florida

Potomac Greens; Alexandria, Virginia

Princeton Forrestal Center, South and North Campus Master Plan; Plainsboro Townships and South Brunswick, New Jersey

Quarterpath at Williamsburg Master Plan and Land Development Planning; Williamsburg, Virginia

Quechee Lakes Parcel 5C Master Plan; Quechee, Vermont

Robinson Family Ranch Framework Plan; Austin & Round Rock, Texas

Rochester Science Park; Rochester, New York

Rochester Technology Park; Gates, New York

Southwood New Community Master Plan; Tallahassee, Florida

Sprague Family Property Master Plan; Cape Elizabeth, Maine

The Retreat at Rancho Mirage; Rancho Mirage, California

Union Point Master Plan, Weymouth, Abington, and Rockland, Massachusetts

Weyerhaeuser Camp Hall Community Master Plan; Seattle, Washington

INSTITUTIONAL EXPERIENCE

Fernald Developmental Center Reuse Study; Waltham, Massachusetts

Flint Cultural Center Master Plan Update; Flint, Michigan

Flint Cultural Center Concept Master Plan; Flint Michigan

Graymoor Master Plan The Franciscan Friars of the Atonement; Garrison, New York

Maine Media Workshops Master Plan; Rockport, Maine

Mayo Clinic Arizona Medical Campus Master Plan; Phoenix and Scottsdale, Arizona

Milwaukee Regional Medical Center/City of Wauwatosa Coordinated Master Plan; Wauwatosa, Wisconsin

Ochsner Health Medical District Master Plan; Jefferson Parish, Louisiana

University of Georgia Innovation District Framework Plan and Development Study; Athens, Georgia

University of Illinois South Campus Master Plan; Urbana-Champaign, Illinois

University of Massachusetts Medical School/Memorial Medical Center and Related State Facilities Campus Master Plan; Worcester, Massachusetts

University of Minnesota Outreach, Research and Education (UMORE) Park Strategic Plan; Rosemount, Minnesota

Zachary Chrisco

PE, HONORARY ASLA

Civil Engineer | Principal

SASAKI



As Sasaki’s lead civil engineer, Zach works with built design leaders and interdisciplinary teams to execute, strengthen, and innovate resilient engineering solutions. His portfolio includes some of Sasaki’s most complex site work—from the Chicago Riverwalk to the Wilmington Waterfront Park in Los Angeles.

He integrates civil engineering solutions that are at once sustainable and sensitive to the design intent. Zach’s greatest motivation is to create built work that is both durable and well-loved by the client and users. He continues to refine a vision for further cultivating Sasaki’s civil engineering practice, encouraging a collaborative built work practice, and better integrating resilience and ecology into the firm’s work.

Zach holds a bachelor of civil engineering from Tufts University, and is a registered civil engineer. He is a member of the American Society of Civil Engineers, the American Sports Builders Association, and the Boston Society of Civil Engineers.

YEARS OF EXPERIENCE

16

EDUCATION

Tufts University

Bachelor of Science in Civil Engineering

REGISTRATIONS

Honorary ASLA

Registered Civil Engineer: AL, AZ, CT, DC, DE, FL, IL, IN, LA, MA, MD, NC, NH, NY, OH, RI, SC, TN, TX, VA, VT, WV

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

American Sports Builders Association

Boston Society of Civil Engineers

SELECT EXPERIENCE

Allegheny Riverfront Green Boulevard Study; Pittsburgh, Pennsylvania

Arlington Sports Center Master Plan; Arlington, Massachusetts

Babson College First Year Residence Hall; Wellesley, Massachusetts

Bates College Alumni Walk and Commons; Lewiston, Maine

Blair Academy Activity and Athletic Center; Blairstown, New Jersey

Blair Academy Outdoor Athletic Facilities; Blairstown, New Jersey

Bonnet Springs Park; Lakeland, Florida

Boston Children’s Museum Waterfront Master Plan, Boston, Massachusetts

Boston City Hall Plaza, Boston, Massachusetts

Copley Square Park Master Plan; Boston, Massachusetts

Cantigny Park; Wheaton, Illinois

Cedar Rapids 10th Street Streetscape; Cedar Rapids, Iowa

Cedar Rapids Riverfront Amphitheater; Cedar Rapids, Iowa

Charlotte LRT Station Design; Charlotte, North Carolina

Chicago Riverwalk; Chicago, Illinois

Copley Square Improvements, Boston, Massachusetts

Davenport Flood Resilience Study, Davenport, Iowa

Doan Brook Improvements, Cleveland, Ohio

Euclid Avenue BRT; Cleveland, Ohio

Fort Point 100 Acres Open Space Plan, Boston, Massachusetts

Franklin Park Zoo Entry, Boston, Massachusetts

Gallaudet University Baseball and Softball Fields; Washington, DC

Georgetown University Pedro Arrupe, S.J. Residence Hall; Washington, DC

Greenwood Community Park Master Plan & Phase 1 Implementation; Baton Rouge, Louisiana

Gulf State Park; Gulf Shores, Alabama

Heritage Museums and Garden Master Plan; Sandwich, Massachusetts

Iowa State University Iowa State Center Master Plan; Ames, Iowa

John G. and Phyllis W. Smale Riverfront Park; Cincinnati, Ohio

Loyola College Intercollegiate Athletic Complex; Baltimore, Maryland

Massachusetts Institute of Technology Northwest Block Landscape and Circulation Plan; Cambridge, Massachusetts

Moore Square Park Design and Implementation; Raleigh, North Carolina

Nord Family Greenway; Cleveland, Ohio

Northeastern University Track and Field Hockey Field; Dedham, Massachusetts

Northfield Mount Hermon Campus Arts; Northfield, Massachusetts

Northwestern University Shoreline Study, Evanston, Illinois

Plan for the Restoration of the Baton Rouge Lake System; Baton Rouge, Louisiana

Port of Los Angeles Harry Bridges Boulevard Buffer; Los Angeles, California

Port of Los Angeles Wilmington Waterfront Park; Los Angeles, California

Port of Los Angeles Wilmington Waterfront Promenade; Los Angeles, California

Quarterpath at Williamsburg; Williamsburg, Virginia

Restoration of University Lakes; Baton Rouge, Louisiana

Sacred Heart Athletic Fields Study; Fairfield, Connecticut

Sacred Heart University Campus Quad and Chapel; Fairfield, Connecticut

Sacred Heart University College of Business and Communications; Fairfield, Connecticut

Sarasota Bayfront Master Plan; Sarasota, Florida

Tom Hanafan River’s Edge Park; Council Bluffs, Iowa

Town Branch Park; Lexington, Kentucky

University of Georgia Athletic Physical Master Plan; Athens, Georgia

University of Hawaii at Manoa Landscape Master Plan; Honolulu, Hawaii

University of Texas at Austin Landscape Master Plan; Austin, Texas

Eduard Freer

PLA

Local Waterfront Designer & Planner

GRAEF



Over the course of his professional career, Ed has built a significant and award-winning portfolio in waterfront design, landscape architecture, historic architecture, and planning projects throughout the U.S. He is highly accomplished at facilitating a consensus vision and broad stakeholder support for urban design and redevelopment initiatives.

Ed has served as a resource member to many civic task forces and professional panels and as a member of national design juries. He has been an urban design resource for the Mayors Institute on City Design, Urban Land Institute and AIA Community by Design.

YEARS OF EXPERIENCE

48

EDUCATION

Syracuse University
Bachelor of Landscape Architecture

State University of New York at Syracuse

Bachelor of Science in Environmental Science

REGISTRATIONS

Registered Landscape Architect, Maine, Wisconsin

SELECT EXPERIENCE

UW-Madison Memorial Union Terrace/ Alumni Park; Madison WI

Milwaukee Downtown Lakefront Master Plan; Milwaukee Wisconsin

Detroit Riverwalk Planning and Design; Detroit, Michigan

Harbor District Water and Land Use Plan - (Redevelopment Authority of the City of Milwaukee); Milwaukee, Wisconsin

Waterfront Development Plan; Ashland, Wisconsin

Lake Vista Park; Oak Creek, Wisconsin

Cleveland Lakefront Master Plan; Cleveland, Ohio

U.S. Department of Interior (DOI) - National Park Service - Apostle Islands National Lakeshore - Raspberry and Outer Island; Bayfield, Wisconsin

Historic Riverside Park; La Crosse, Wisconsin

Dillon Reservoir Comprehensive Marina Master Plan; Dillon, Colorado

Historic Landscape Architecture - Marquette Harbor Master Plan; Marquette, Michigan

Lakefront Master Plan; Highland Park, Illinois

Lakeshore State Park; Milwaukee, Wisconsin

Sanford Riverfront and Downtown Urban Design Plan; Sanford, Florida

Bayfront Master Plan; Traverse City, Michigan

Shoreline Master Plan and Veteran's Park Master Plan; Milwaukee, Wisconsin

Agate Bay Marina; Two Harbors, Minnesota

Marina Rehabilitation; Egg Harbor, Wisconsin

Lake Michigan Multi-Use Pathway Master Plan; Racine, Wisconsin

Riverfront Redevelopment Plan; Red Wing, Minnesota

Port of La Crosse Harbor Waterfront Plan; La Crosse, Wisconsin

Two Harbors Marina and Waterfront Park; Two Harbors, Minnesota

Harbor Waterfront Plan - La Crosse County and Port of La Crosse; La Crosse, Wisconsin

Waterfront Development Plan; Ashland, Wisconsin

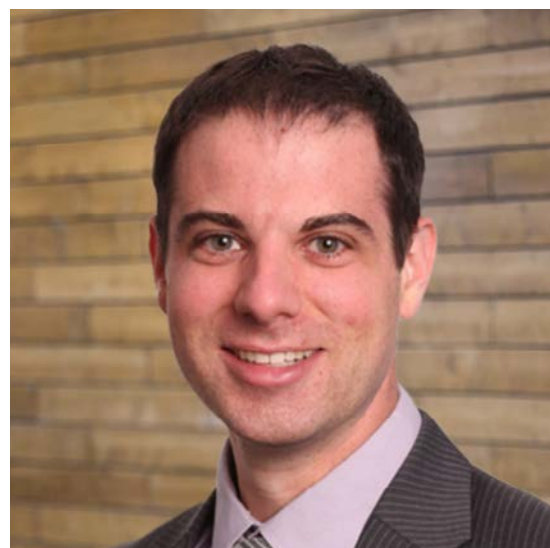
Fish Creek Waterfront Master Plan (Town of Gibraltar); Gibraltar, Wisconsin

Riverfront Park Phase II Implementation (City of Chippewa Falls); Chippewa Falls, Wisconsin

Milwaukee Shoreline Master Plan and Veteran's Park Master Plan (The Sigma Group); Milwaukee, Wisconsin

Downtown and Waterfront Plan; Port Washington, Wisconsin

* List includes projects performed at GRAEF and a different firm



Andre Ost

PE, PTOE

Transportation Engineer

GRAEF

Andre provides both transportation and traffic engineering design services to various clients throughout the State of Wisconsin. Responsibilities include the design and preparation of plan documents for transportation and traffic projects.

Specific transportation project involvement has included conceptual design layout, alternative analysis, environmental impact studies, public involvement, utility coordination, preliminary design, pavement design, and the preparation of plans, specifications and estimates. Specific traffic project improvements include analysis of intersection improvements, preparation of signal warrant studies, traffic signal design, parking studies and traffic animation models.

YEARS OF EXPERIENCE

16

EDUCATION

University of Minnesota- Twin Cities

Bachelors of Civil Engineering

REGISTRATIONS

Professional Engineer, Wisconsin, Illinois, Minnesota, Florida

Professional Traffic Operations Engineer

Qualified Roundabout Designer- Level 1

SELECT EXPERIENCE

Milwaukee Regional Medical Center (MRMC) Bike and Pedestrian Master Plan; Wauwatosa, Wisconsin

USH 51 (Stoughton Road), Intersections of Pflaum Road and Buckeye Road, WisDOT SW Region; Wisconsin

West Wisconsin Avenue; Milwaukee, Wisconsin

Medical Center Traffic Study; Sheboygan County, Wisconsin

West National Avenue Reconstruction; West Allis, Wisconsin

E. Capitol Drive (STH 190) Reconstruction Project, Village of Shorewood; Shorewood, Wisconsin

Milwaukee Regional Medical Center 87th Street Traffic Impact Analysis (TIA), Milwaukee Regional Medical Center (MRMC), Wauwatosa, Wisconsin

Froedtert and Medical College of Wisconsin North 87th Street Alignment Planning and Parking Structure Impact Study, Milwaukee Regional Medical Center (MRMC), Wauwatosa, Wisconsin

USH 18 (Bluemound Road/ Moreland Boulevard) Rehabilitation Project, Wisconsin Department of Transportation; Waukesha, Brookfield, and Elm Grove, Wisconsin

Forest Homes Bridge, Wisconsin Department of Transportation; Milwaukee, Wisconsin

Marquette University APRC Traffic Study; Milwaukee, Wisconsin

Thomas Street Corridor Master Plan; Wausau, Wisconsin

I-94 North-South Corridor, Wisconsin Department of Transportation; Kenosha, Wisconsin



Craig Huebner

AICP

Planner

GRAEF

Craig’s academic background is in both architecture and urban planning, and he has 10+ years of experience working in both fields. His work experience spans streetscape corridor planning/design, urban design, park and open space planning comprehensive planning, neighborhood master planning, commercial redevelopment, and design guidelines.

Craig’s project management and leadership has generated innovative public participation efforts and detailed implementation plans for a variety of planning projects.

Craig has been involved in numerous streetscape and corridor planning projects that are customized for the needs of the municipalities and its user groups. Projects include examination of existing elements and proposing new improvements and programs to generate excitement and activity within the public spaces, coordination with local businesses and property owners, and assistance with capital improvement planning and budgeting.

YEARS OF EXPERIENCE

12

EDUCATION

University of Wisconsin, Milwaukee

Masters of Architecture

Masters of Urban Planning

Certificate in Real Estate Development

Bachelors of Science in Architectural Studies with a Certificate of Urban Planning

PROFESSIONAL AFFILIATIONS

American Institute of Certified Planners (AICP)

PROFESSIONAL AFFILIATIONS

American Planning Association (APA)

Wisconsin Chapter of the American Planning Association (APA-WI)

SELECT EXPERIENCE

Milwaukee Regional Medical Center (MRMC) Bicycle and Pedestrian Master Plan; Wauwatosa, Wisconsin

South Milwaukee Comprehensive & Downtown Plan; South Milwaukee, Wisconsin

Germantown Comprehensive Plan and Comprehensive Outdoor Recreation Plan; Germantown, Wisconsin

West Allis National Avenue Corridor Strategic Plan; West Allis, Wisconsin

Whitefish Bay Silver Spring Drive Master Plan; Whitefish Bay, Wisconsin

Drexel Town Square Regulating Plan and Sustainability Guidebook; Oak Creek, Wisconsin

North Wilson Drive; Shorewood, Wisconsin

W. National Avenue, S. 65th Street to S. 62nd Street; West Allis, Wisconsin

National Avenue Strategic Plan; West Allis, Wisconsin

Drexel Avenue Corridor Enhancements; Oak Creek, Wisconsin

Downtown and Waterfront Plan; Port Washington, Wisconsin



James Hansen

PE

Civil Engineer

GRAEF

Jim brings 25 years of experience to site development and public works engineering projects at GRAEF. Jim’s approach to designing and managing projects ensures that clients are satisfied and projects are completed on time and within budget.

His site development services includes site grading, storm water management, sanitary and storm sewers, water mains, roadways, paving, erosion control, and permitting. Jim has evaluated and designed multiple types of underground storm water best management practices (BMPs) for public and private clients to provide solutions that minimize the amount of surface required for storm water management.

YEARS OF EXPERIENCE

25

EDUCATION

University of Wisconsin, Platteville

Bachelor of Science in Civil Engineering

REGISTRATION

Professional Engineer, Wisconsin, Colorado, and New Mexico

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers, ASCE

SELECT EXPERIENCE

University of Wisconsin - Madison, Chemistry Building Addition and Renovation; Madison, Wisconsin

University of Wisconsin-Madison Health, Surgery/Pathology; Madison, Wisconsin

University of Wisconsin-Madison, Interdisciplinary Research Complex, Wisconsin Department of State Facilities; Madison, Wisconsin

Dane County Landfill Waste Transfer Station, Dane County Public Works; Madison, Wisconsin

Downtown Streetscape, City of Racine; Racine, Wisconsin

Drexel Town Square Wetland Park; Oak Creek, Wisconsin

Lynden Sculpture Garden, Uihlein Wilson Architects; River Hills, Wisconsin

Mukwonago Site Access Case; Mukwonago, Wisconsin

Apache ASL Trails, Apache ASL Trails Limited Partnership; Tempe, Arizona

Martenson & Eisele, Apple Creek Development Phase 2 Pond; Appleton, Wisconsin

Naval Station Great Lakes, HDR; Ultimate client: Naval Station Great Lakes; Great Lakes, Illinois

Dane County Public Works Facility, Dane County Public Works; Madison, Wisconsin

Bellaire Ravine Improvement, City of Appleton; Appleton, Wisconsin



Loei Badreddine

PE, SE, LEED AP

Civil Engineer

GRAEF

Loei, a principal of the firm, brings 31 years of experience to GRAEF. He currently manages the Madison office and his management experience covers a wide range of single and multi-discipline commercial, educational and residential projects.

His design experience encompasses a wide range of commercial, industrial and educational facilities. His areas of expertise include preparing construction documents for concrete (mildly reinforced, post-tensioned, and precast), steel and wood (conventional and pre-engineered lumber).

YEARS OF EXPERIENCE

31

EDUCATION

University of Wisconsin, Milwaukee

Masters of Business Administration

American Council of Engineering Companies

Senior Executives Institute Class 14

University of Wisconsin, Madison

Masters of Science in Civil Engineering

Bachelors of Science in Civil Engineering

REGISTRATION & CERTIFICATIONS

Professional Engineering, Florida, Idaho, Montana, New Hampshire, Wisconsin

Structural Engineer, Arizona, Illinois

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers, ASCE

SELECT EXPERIENCE

Monona Terrace Hilton Hotel; Madison, Wisconsin

University of Wisconsin Milwaukee School of Freshwater Sciences; Milwaukee, Wisconsin

University of Wisconsin Madison Union South; Madison, Wisconsin

Milwaukee Intermodal Station Atrium Addition; Milwaukee, Wisconsin

Saint John’s On The Lake North Tower; Milwaukee, Wisconsin

University of Wisconsin Madison Southeaster Recreational Facility Replacement; Madison, Wisconsin

University of Wisconsin Milwaukee School of Freshwater Sciences; Milwaukee, Wisconsin

Wisconsin Institute of Discovery - Morgridge Institute for Research; Madison, Wisconsin

Kalahari Family Entertainment Center (FEC); Wisconsin Dells, Wisconsin

Gulfstream Pegasus; Hallandale, Florida



Margaret Boshek

PE

Senior Coastal Engineer

MOFFATT & NICHOL

Margaret Boshek recently joined Moffatt & Nichol bringing over 15 years of national and international experience in coastal engineering and project management.

Her expertise is in coastal structures with ecological enhancements, with an emphasis on sustainable shoreline stabilization/restoration, waterfront recreational developments, and marina layout and design. Professional experience covers a myriad of coastal topics including the design of living shorelines, new and renourished beaches, fixed and floating marine structures, waterfront parks and resorts, hydrodynamics, ice engineering, and flood defenses. She has extensive speaking and lecturing experience and is a contributing author to a leading industry magazine.

Margaret was a member of the Madison Design Professionals, a pro bono workgroup of diverse planning and design professionals with the goal of developing a transformative vision for Law Park and the Lake Monona Waterfront.

YEARS OF EXPERIENCE

15

EDUCATION

Delft University of Technology, Universitat Politecnica de Catalunya, & Norwegian University of Science and Technology

Masters of Science in Coastal & Marine Engineering & Management

Florida Institute of Technology
Bachelors of Science in Ocean Engineering

REGISTRATIONS & CERTIFICATIONS

Professional Engineer, Wisconsin

American Society of Civil Engineers

PIANC

COPRI

SELECT EXPERIENCE

Bayfront Shoreline Development; Bayfront, New Jersey

Illinois Beach State Park; Zion, Illinois

Lake Monona Waterfront Preliminary Report; Madison, Wisconsin

Sunseeker Resorts; Punta Gorda, Florida

Euclid Waterfront Plan; Euclid, Ohio

Egg Harbor Beach Park; Egg Harbor, Wisconsin



Robert Sloop

PE

Coastal Engineer | Vice President

MOFFATT & NICHOL

Rob Sloop is the Director of Waterfront Destinations for Moffatt Nichol and leads the planning, permitting, design, and engineering teams that create ideas and deliver projects for the places along the shoreline that attract people.

With almost 30 years of diverse engineering experience on a wide range of US and international based projects, Mr. Sloop brings expert-level knowledge in Coastal, Environmental, Ecosystems, and Waterfront design. His present focus is on applying these skills to increase the resiliency of waterfront projects with creative and practical solutions using the best of today's science, while considering future variability and the time value of investment dollars. He is presently leading efforts for three of the largest Urban Waterfront revivals in the US, all of which are pursuing grants on the local, state, and federal levels.

YEARS OF EXPERIENCE

27

EDUCATION

University of Florida
Masters of Coastal and Oceanographic Engineering

University of South Florida
Bachelors of Science in Mechanical Engineering, Minors in Philosophy, Environmental Engineering, and Marine Biology

REGISTRATION

Professional Engineer, Civil, California, Florida

SELECT EXPERIENCE

The Wharf at the Southwest Waterfront; Washington, D.C.

Riverpoint Shoreline Protection and Waterfront Structures (Buzzards, Point); Washington D.C.

Woods Hole Oceanographic Institute; Massachusetts

Port Covington; Baltimore, Maryland

Riverfront Harbor Redevelopment; Eastern United States

Seaport; San Diego, California

Magnolia Waterfront; Charleston, South Carolina

AltaSea Facility, Berth 57, Port of Los Angeles; Los Angeles, California

Steve Apfelbaum

Senior Ecologist | Founder

APPLIED ECOLOGICAL INSTITUTE



Since the late 1970s, Steve Apfelbaum has conducted ecological research, designed award-winning projects and contributed his uniquely creative scientific expertise and enthusiasm to over 9,000 projects throughout North America and beyond.

Steve has been instrumental in advancing the concepts and philosophies behind ecological restoration through his direct connection to mentors and pioneers in the environmental movement including Sigurd Olson, Luna Leopold and many other key scientists, conservationists and policy makers. As AES has grown, Apfelbaum has played an increasing role in educating and mentoring the next generation of ecological professionals.

Apfelbaum has been the ecological leader in many pioneering projects. His work on conservation communities established Low Impact Development as a marketplace and regulatory precedent. His work on alternative stormwater management and in developing the Stormwater Treatment Train™ has contributed to changing the stormwater management industry nationwide. And his ecological restoration approaches on mining projects and brownfield reclamation and remediation have set new industry standards and win-win outcomes for all involved parties.

YEARS OF EXPERIENCE

48

EDUCATION

University of Illinois at Urbana-Champaign

Masters of Science in Biology

Bachelors of Science in Zoology

CERTIFICATIONS

Certified Senior Ecologist, Ecological Society of America, 1991 - Present

Appointed to Editorial Advisory Board, Ecological Restoration Journal, 2015 - Present

Qualified Wildlife Biologist Certification, Embry- Riddle Aeronautical University, 2014

Airport Wildlife Hazard Management Specialist Certification, Embry-Riddle Aeronautical University, 2010

Appointed to U.S. Forest Service Scientific Roundtable on Biological Diversity

PROFESSIONAL AFFILIATIONS

American Museum of Natural History American Society of Photogrammetry

American Association for the Advancement of Science

Cooper Ornithological Society

Green County Conservation League, Appointed a Director

Nature Conservancy

Natural Areas Association

National Wildlife Federation

North American Lake Management Association

Sierra Club

Society of Wetland Scientists

Wisconsin Prairie Enthusiasts, 1986-ongoing; Co-Founder of non-profit organization; Served as a Director

SELECT EXPERIENCE

Great Lakes Protection Fund, Five Projects; Great Lakes Region

Ohio Statewide Great Lakes Water Quality Initiative; Ohio

Chicago Botanic Garden Skokie River; Chicago, Illinois

Dead Pike Lake; Manitowish Waters, Wisconsin

Ecotoxicological assessments of DDT, PBB, PCB in Great Lake Seabirds; Various Locations

AMP SE Region Production Management, Soil Carbon Study, Project and Production Coordination; Various Locations

Blair Pond Enhancement, Lake, Pond, and Shoreline Restoration Design; Tulsa, Kansas

New Buffalo Shoreline Protection, Natural Resource Inventory - Assessment; New Buffalo, Michigan

Tom Lee Park, Ecological Consulting, Studio Gang Architects; Memphis, Tennessee

The Forge Adventure Park, Ronan Architects, LLC; Lemont, Illinois

River Hills Conservation Development and Phase II. Conservation Development Design, Restoration Design; River Hills, Wisconsin

Council Bluffs River Concept and Missouri Riverfront Revitalization (Office of James Burnett), Master Planning, Park and Open Space Planning; Council Bluffs, Iowa

Phosphorus Trading Plan, Ecological Consulting; Albany, Wisconsin

Ecological Consulting, Hawaii Sugarlands; Kunia Camp, Hawaii

Dead Pike Lake, Development Natural Areas Management, Water Systems Consulting; Various Locations, Wisconsin

Katy Prairie Eco-Vision; Katy, Texas

AGGP Grazing & Soil Carbon Sequestration, Canada, Vancouver Park Master Plan; Vancouver, Canada

Dix Park Plan, Master Planning; Raleigh, North Carolina

Tulsa Mitigation, Construction Oversight and Monitoring, Tulsa Blair Ponf WQ Study, Ecological Consulting; Tulsa, Kansas

UT Waller Creek Framework, Urban-Green Infrastructure Design; Austin, Texas

Colombia Watershed Planning; British Columbia, Canada

Riverline (Hoerr Schaudt), Urban-Green Infrastructure Design; Chicago, Illinois

Lihue Airport Wildlife Hazard Assessment; Lihue, Hawaii

Shell Alberta, Canada Ranch Soil Carbon Pre-Sampling; Alberta, Canada

K2/Alverson Farm Soil Carbon; Pierceville, Kansas

Salt Lake City Open Space Lands Program; Salt Lake City, Utah

Clean Wisconsin; Statewide

University of Texas at Austin Campus Master Plan, Sasaki; Austin, Texas

Alternatives to Major Regional Flood Damage Reduction Proposal; Shorewood Hills, Wisconsin

Schuster Properties, Conservation Community; Sun Prairie, Wisconsin

Craig Friar Pier Permit, Egg Harbor; Door County, Wisconsin

Expert Witness to Alleged Wetland Fill Violation; Wisconsin

Pabst Farm Development; Oconomowoc, Wisconsin

Lake Nokebay, Riparian Restoration; Northeastern Wisconsin

Wetland Mitigation; City of Monona, Wisconsin

Threatened and Endangered Species Evaluation, Land and Lake Company; Various Locations

Wood Creek North Development; Oconomowoc, Wisconsin

Lauderdale Lakes, Restoration and Monitoring; Elkhorn, Wisconsin

Conservation Development; Southeastern Wisconsin

Miller Park and Hank Aaron Trail, Landscape Plan; Milwaukee, Wisconsin

Mann Brothers Excavating and Earth Moving, Conservation Development Strategy; Williams Bay, Wisconsin

Girl Scout Camps, Master Planning; Minnesota and Northwestern Wisconsin

Detroit Reinvestment Plan; Detroit, Michigan

Stormwater Management; Madison, Wisconsin

Crandon Mining Operation; Crandon, Wisconsin

Great Lakes Basin; Southeastern Wisconsin

Strawberry Island; Lac Du Flambeau, Wisconsin

WisDOT Highway 51 Improvements; Pug Lake, Wisconsin

Native Planting Demonstration Plot, Interstate 90; Beloit, Wisconsin

Aldo Leopold Nature Center, Ecological Consultant; Monona, Wisconsin

Wetland Delineation; Brodhead, Wisconsin

Harry Viner and family, Ecological Consultant; La Crosse, Wisconsin

Door County Landfill, Bird Hazard Study; Door County, Wisconsin

Wausau Paper, Wetland Delineation; Wasau, Wisconsin

Appleton Papers, Wetland Permitting; Lock Mills, Wisconsin

Sand County Foundation's Femrite Drive Property; Monona, Wisconsin

Department of Military Affairs, Habitat Study; Fort McCoy, Wisconsin

Falk Foundry Landfill, Wetland Delineations; Milwaukee, Wisconsin

Brewery Creek, Stream Stabilization; Mineral Point, Wisconsin

Nicolet and Chequamegon National Forests; Wisconsin

Resource Assessment and Wetland Delineation; Brookfield, Wisconsin

Bad River Indian Reservation; Northern Wisconsin

Tork Clay Borrow Site; Wisconsin Rapids, Wisconsin

Windfield Development Project Properties; Dane County, Wisconsin

Lake Elizabeth, Natural Resource Assessment and Wetland Delineation; Kenosha County, Wisconsin

Wetland Lake System; Bloomfield Hills, Michigan

Camp and Center Lake; Salem Township, Wisconsin

Watershed Study, Voltz Lake System; Salem Township, Wisconsin

AWARDS & HONORS

Recipient of Fellow from Ecological Society of America, 2017

Recipient of Friends of Ryerson Woods Award for Distinguished Leadership in the World of Nature, 2012

Recipient of John T. Curtis Award for Career

Excellence in Ecological Restoration, 2010

Recipient of Bill Clinton Global Sustainable Cities Initiative Award for Don River Project (Toronto), 2007



Section 2 — Previous Related Experience

Plan for the Restoration of University Lakes

EAST BATON ROUGE RECREATION & PARK COMMISSION | BATON ROUGE, LOUISIANA

Built by 900 men as part of the federal back-to-work program during the Great Depression, the once Cypress-Tupelo swamp was dredged and turned into Baton Rouge’s largest public park with six 20-foot-deep lakes. This provided a roadmap for today’s urban development and settlement around the 360-acre lake system. Over the years however, the idyllic vision of the lake and the associated culture around it were in conflict with nature.

Today, 65 years later, the lake system with an average depth of three-feet is at the brink of collapse with degraded water quality, failing infrastructure, and limited recreational assets for its growing use. A new vision emerges at the intersection of culture and nature, which establishes the grounds for an inclusive 21st century public space and destination for visitors.

Sasaki was awarded the project in late 2020 as master design firm to transform a vision for the six lakes into a reality. Working hand-in-hand with the Flood-Risk-Reduction (Stantec) consultant, Sasaki looked at how to reuse over 600,000 cubic yards of dredge material to create novel edge conditions that both provide additional recreational programs and help heal the lakes degraded hydrology and ecological health. The team approached the project through four major goals to provide a more sustainable aquatic system, increase flood protection, enhance environmental performance, and improve and diversify recreational uses.

The design team engaged with a diverse group of stakeholders, including state and local officials to develop an implementation strategy that aligned project funding with specific improvements. In addition, public engagement, including an “Our Lakes Fest” celebrated the upcoming improvements and sought to teach the public about the incredibly complex nature of the project and the options available for improving ecology and recreation.

Year Completed

Ongoing (Phase 1)

Certifications/Awards

N/A

Services Provided

Landscape Architecture
 Planning & Urban Design
 Civil Engineering
 Community Engagement

Dates of Service

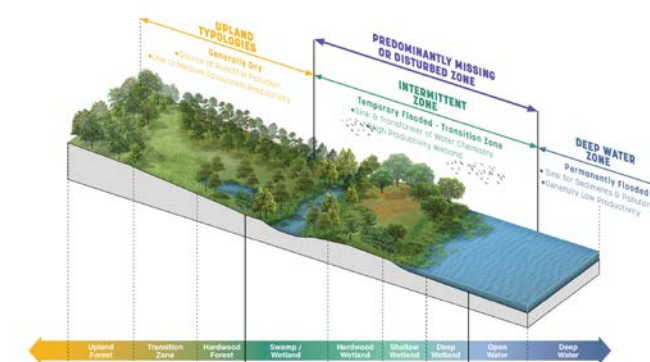
11/2019 - Ongoing (Phase 1)

Budget

Ongoing

Team Involved

Anna Cawrse
 Zach Chrisco
 Lan Yang
 Lucca Townsend

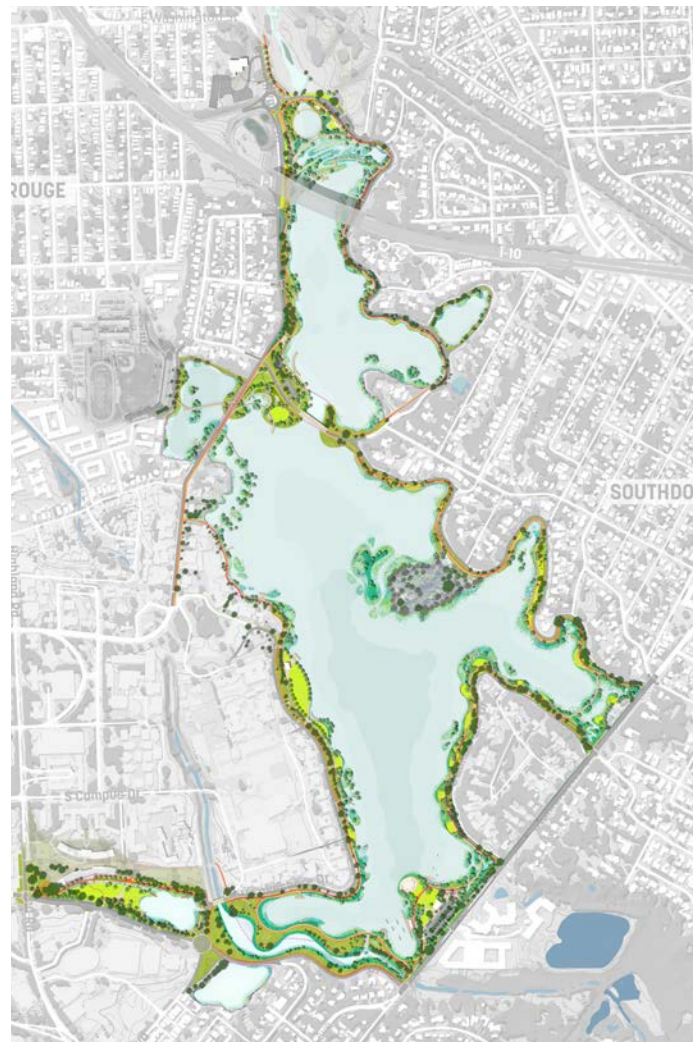




Due to the sensitive nature of views to the lake system the team developed a software platform that allowed the proposed design to be tested from anywhere around the lake. This tool provided real-time feedback on how the design was impacting views from any particular building.

Several goals guided the design team during the development of the plan including:

- ▶ Deepen the lakes to provide a more sustainable aquatic system: The current shallow lake depths provide for inadequate water movement, resulting in stagnation, temperature extremes, and overall poor water quality. This adversely impacts wildlife and leads to unsightly algal blooms.
- ▶ Provide increased flood protection for upstream and downstream communities: The current lake system provides little storage for rainfall within its watershed. Dredging the lakes is expected to increase storage for excess stormwater which should reduce flood risk both upstream and downstream.
- ▶ Enhance environmental performance to improve natural habitats: In most areas the current lakeshores provide minimal-quality habitats. Reshaping and replanting the shorelines of the lakes with native species will improve both aquatic and terrestrial habitats, as well as help clean stormwater before it enters the lakes. These enhancements will benefit the American white pelicans and other migratory waterfowl.



- ▶ Improve and diversify recreational uses while enhancing safety for walkers, runners, and bicyclists. The lake system was built more for aesthetic reasons than for active recreational uses. The project provides an opportunity to address existing safety concerns for pedestrians and bicyclists around the lakes, and creates additional locations for outdoor recreation activities to accommodate demand.



Smale Riverfront Park

CINCINNATI PARK BOARD | CINCINNATI, OHIO

The John G. and Phyllis W. Smale Riverfront Park is a 32-acre park along the banks of the Ohio River in downtown Cincinnati. The largest in a series of public parks along the high banks of the river, the park is framed by great city landmarks including the Roebling Bridge, the National Underground Railroad Freedom Center, the Paul Brown Stadium, and the Great American Ball Park.

The riverfront park completes a necklace of open spaces on the river, links statewide recreation trail and bike systems, and reconnects the heart of downtown Cincinnati to the great Ohio River. Sasaki's design for the park creates an appropriate setting for the Roebling Bridge—a historically significant architectural icon—along with areas for large gatherings, passive recreation, and programmed events.

Sasaki worked with the Cincinnati Parks Board and selected development team to capture and leverage the interface between the city grid, development, civic realm, and park open space. Nearly two years went into balancing project economics, building locations, densities and heights, and other specifics of the development. As approved, the development includes up to 1,000,000 SF of office, 400,000 SF of retail, 400,000 SF of hotel, and 1,800,000 SF of residential space. Additionally, a multi-modal transit center creates parking for 3,500 and includes a bicycle locker center.

Year Completed

2002 (Master Plan Update)
2011 (Phases 1+2)
2013 (Phase 3)
2015 (Phases 4+5)
Additional Implementation
Ongoing

Certifications/Awards

National Recreation and Park Association, Park Design Award

Services Provided

Planning and Urban Design
Landscape Architecture
Civil Engineering

Dates of Service

1/2002 - Ongoing

Budget

Ongoing

Team Involved

Mark Dawson
Zach Chrisko



PARK AMENITIES

The park includes several interactive water features, a performance stage, a sculpture play area, a pavilion, bench swings, water gardens, and Cinergy Trace, a 1000-foot-long riverfront promenade. Public landings and seasonal docking and wharves service the public and commercial cruise boat traffic. Park amenities are enhanced by a series of sustainable strategies, including an integrated bicycle center, support, and locker room facility and a restaurant pavilion supported by a geothermal heating and cooling system.



“
The work of our outstanding team ensured that Smale Riverfront Park would exceed all expectations in terms of use and popularity—and it has.
”

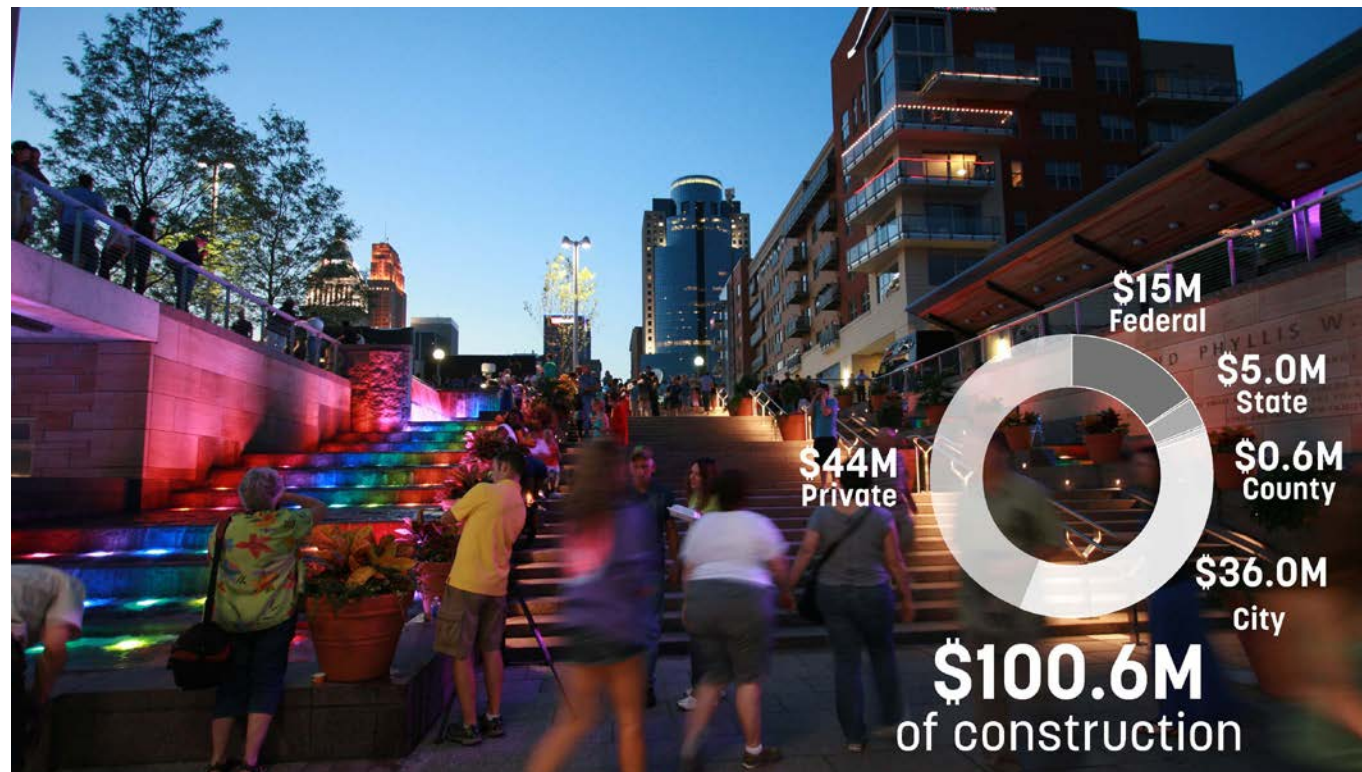
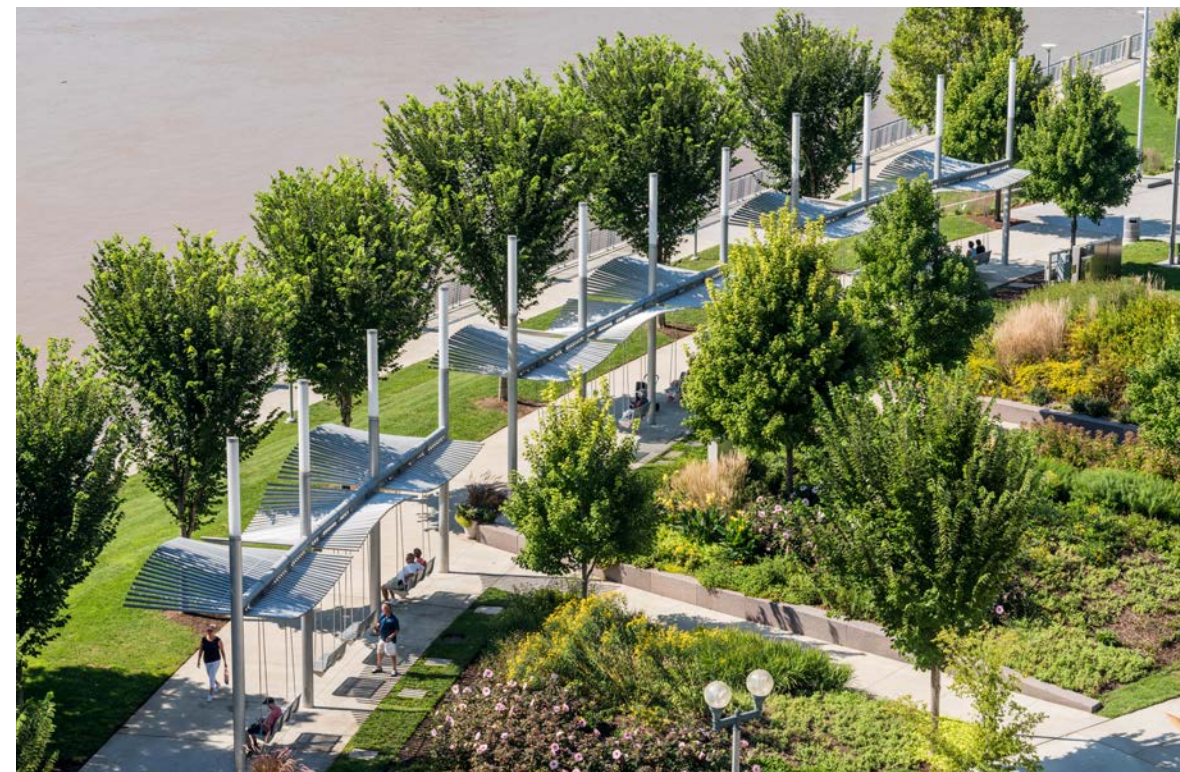
WILLIE F. CARDEN, JR., DIRECTOR OF CINCINNATI PARKS,
ON ACCEPTING THE NATIONAL RECREATION AND PARKS
ASSOCIATION DESIGN AWARD



SUSTAINABLE DESIGN AT THE SITE SCALE

Approximately 7.3 acres of the park are set on top of a podium, creating a string of spaces that act as “Green Roofs.” Today, parking resides below the podium level and the park’s bike center encourages biking as an alternative to driving. Buildings onsite are heated and cooled with an open-loop geothermal heat exchange system. The geothermal water irrigates the park and circulates into the water cascade and water garden features. LED lighting keeps energy costs at a minimum, while Photovoltaic (PV) Panels reintroduce energy back into the energy grid. The PV panels are a renewable energy source that help further offset the city’s utility bill.

Park amenities are enhanced by a series of sustainable strategies, including an integrated bicycle center, support, and locker room facility and a new restaurant pavilion supported by a geothermal heating and cooling system.



ECONOMIC CATALYST

It is anticipated that, when complete, the fully-occupied Banks Development will contribute \$276 million dollar every year, resulting in a total economic impact of \$2.7 billion from 2010 through 2020.

The park acts as a setting and catalyst for civic activities and entertainment venues and is supported by partnerships with private and public funds. Typical park events range from small picnic-like activities to larger pre- and post-game activities for the Bengals and Reds, concerts, and Tall Stacks—a music, arts, and heritage festival which brings 350,000 visitors to the downtown.

Tom Hanafan River's Edge Park

DEPARTMENT OF PARKS AND RECREATION | COUNCIL BLUFFS, IOWA

Directly across from downtown Omaha and at the foot of the newly-completed Bob Kerrey Pedestrian Bridge, the Council Bluffs Riverfront Park is a 90-acre public park situated within the broad riparian floodplain of the great Missouri River.

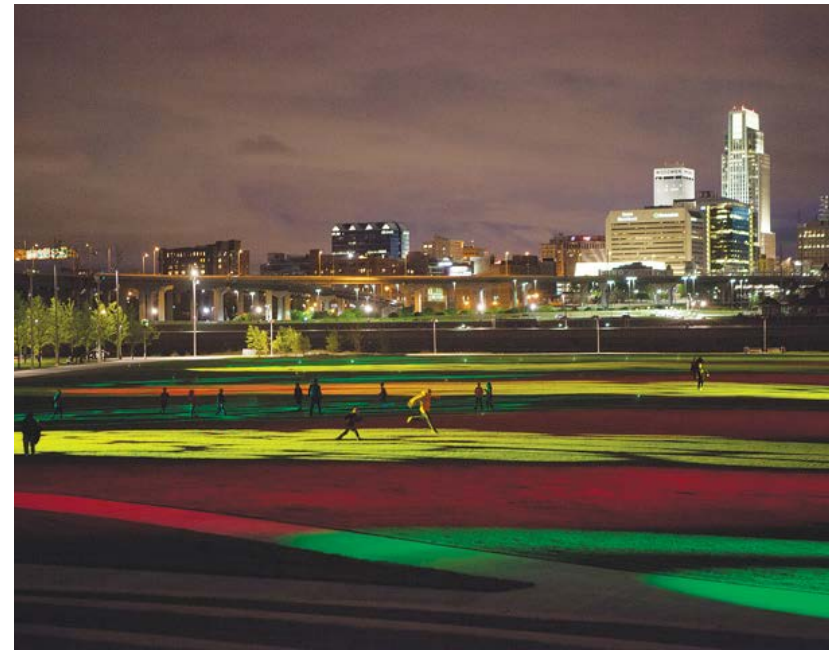
Sasaki's master plan for the park capitalizes upon the distinct character of the Council Bluffs side of the river—richly forested, green, and soft—in distinct contrast to the highly urbanized landscape that surrounds it.

The design of the park focuses intensity of public use and development in a core area of the existing site which allows access to the river and also preserves key habitat and riparian floodplain. Strategies to increase the ecological function of the site include nearly 20 acres of reforestation, roadside bioswales, porous pavement, diverse native plantings, and parking lot rain gardens. The ecologically sensitive areas north and south of the bridge's landing are reinforced by reforestation and wetland enhancement strategies and accessed via a series of trails and environmental interpretation.

At the bridge landing, a "window" is carved out of the forest, creating an open landscape down to the water's edge that can accommodate the city's significant festivals and events and provide a view of the dramatic Omaha skyline. The edges of the window provide shaded groves for picnicking and a river-scaled sandbox for play at the water's edge. All of these improvements are designed to withstand occasional flooding of the site and are coordinated with the U.S. Army Corps of Engineers and the Iowa Department of Natural Resources.



Year Completed 2009 (Master Plan) 2013 (Phase 1)	Region, Honor Award, Master Planning/Urban Design Awards	Dates of Service 2/2009 - 6/2013
Certifications/Awards Omaha By Design, Environment & Open Space Award	Services Provided Architecture Civil engineering Graphic design Landscape architecture	Budget \$11,500,000
American Institute of Architects Central States		Team Involved Mark Dawson



◀ The integration of public art is a key component of the park design. Environmental artist Doug Hollis was an integral member of the design team and contributed an iconic weather-inspired tower and water feature to the park's landing—an active water play and ice-skating plaza atop the existing levee. The plan accommodates the works of other artists, from lighting installations to sculptural elements, and will be implemented over time.

Greenwood Park Master Plan

BATON ROUGE PARKS AND RECREATION COMMISSION |
BATON ROUGE, LOUISIANA

Greenwood Park sits in the heart of North Baton Rouge, an African American community that has experienced disinvestment for the past decades. In 2017 a proposal to move the Baton Rouge Zoo from the area's largest park sparked an outcry from the community to keep the zoo and reinvest in their greatest public space, Greenwood Park.

Sasaki was hired to develop a long-term master plan and implementation strategy for the new and reinvigorated 'Signature Park' for East Baton Rouge's Parks and Recreation (BREC) system. This master planning process included bringing together stakeholders on both sides of the table to find common ground around and a future for this amazing ecological site in the heart of the parish. The goal was to deliver a much needed community asset for the adjacent neighborhoods as well as developing a vision for a larger regional destination which could host major community events. The design team was responsible for integrating multi-modal connections in and around the park, as well as ensuring flood resilience and stormwater protections for this frequently flooded area. The master plan will include provisions for revenue generating programs specifically tailored to the community needs and desires and supported by economic analysis.

Working with the client, the design team is integrating this new vision for the site into existing conditions including historical military structures, existing ecological functions, reducing the amount of revenue losing golf from 27 holes to 9, and existing program as well as integrating into a concurrent master plan process with the Baton Rouge Zoo which is located within the boundaries of the park.

Year Completed

2019

Certifications/Awards

American Society of Landscape Architects, Colorado Chapter, Honor Award—Analysis & Planning category

The Architect's Newspaper, Best of Design Awards, Honorable Mention, Unbuilt - Landscape category

Services Provided

Landscape Architecture

Planning and Urban Design
Civil Engineering
Transportation Planning

Dates of Service

9/2018 - 9/2019

Budget

\$500,000

Team Involved

Zach Chrisco
Anna Cawrse
Ashley Pelletier
Lan Yang
Lucca Townsend



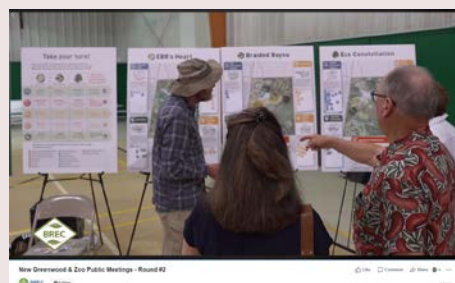
4,000

POINTS OF ENGAGEMENT



781

Public Open Houses
Door-to-door Survey



1,362

Views on BREC's Facebook
(Facebook Live of Public Meeting 2
and Public Meeting Highlights Reel)



1,306

Online Survey Responses



273+

Face-to-face Encounters



400+

Responses to Various
Media Surveys



50

Stakeholder Meetings



Top

Assistant Superintendent of Parks Planning at BREC, Reed Richard shows a young child some of the exciting new features of the park.

Right

Several of the key stakeholders that were involved in the planning process offered to assist in the final public meeting demonstrating the community ownership in the planning process. Shown here, the Baker Police Department serves fried catfish that was donated by a local seafood store.

Bottom

Sasaki's Anna Cawse, the project manager for the team, shows a community member where they are currently located within the proposed design.





GUIDING PRINCIPLES

The vision for the master plan is first and foremost inspired by the ideas and preferences voiced by the community of East Baton Rouge Parish, and grounded in a firm analysis of the existing ecological and contextual conditions of Greenwood Park today. The common themes found in the results of the in-person and online engagement, the qualitative information gathered through conversations at open houses and stakeholder meetings, review of previous engagement and relevant planning documents, and desktop analysis of existing conditions form the four guiding principles for the master plan.

1 Celebrate Louisiana's Nature

Embracing the ecology of Greenwood Park and creating sustainable opportunities for people to experience the landscape

3 Open Up & Reach Out

Providing physical connectivity for walkers, bikers, and drivers alike to make the park a connected heart of the parish

2 A Park for Everyday & the Big Day

Providing a balance of everyday neighborhood amenities and destination activities that are a regional draw

4 Welcome & Grow

Putting community at the heart of the park's design and implementation



Bonnet Springs Park

WINDSONG PARK, INC. | LAKELAND, FLORIDA

Between 1880 and the early 1950s, the 180-acre Bonnet Springs Park site was home to the Lakeland Railyard, which served as a major hub for the movement of freight up and down the east coast. In 1952 the railyard closed, leaving the land in an abandoned state and Lake Bonnet all but forgotten. Then in 2015, a group of Lakeland enthusiasts came together and decided to reimagine a future for this important site.

Recognizing that metro Lakeland is one of the fastest growing regions in the country, and building upon the city's strong tradition of parks and natural areas, the group proposed the creation of Bonnet Springs Park – a central park for Lakeland. The park's mission is to become an ecological jewel, a cultural magnet, and a connected community asset for this rapidly growing region.

In 2017 the Bonnet Springs Park board hired Sasaki to create a master plan for the park. Sasaki took input from the public during a six-month outreach period, incorporated ideas and desires, and prioritized them into an approved design. Sasaki is now in detailed design with an anticipated park opening date of 2020.

Year Completed

Under Construction

Budget

Ongoing

Certifications/Awards

N/A

Team Involved

Zach Chrisco
 Anna Cawrse
 Ashley Pelletier
 Lan Yang
 Lucca Townsend

Services Provided

Landscape Architecture
 Planning and Urban Design
 Civil Engineering
 Transportation Planning

Dates of Service

6/2017 - Ongoing



AN ECOLOGICAL JEWEL

Decades of industrial use and outdated stormwater management practices have left portions of the site in a degraded condition. Sasaki’s interdisciplinary team, along with a group of local consultants, have developed strategies for restoring natural systems and remediating harmful contaminants on the site. These include the removal of invasive exotic plants, constructing wetlands and bioswales to treat runoff, and capping contaminated soil in large hill that double as overlooks for the park.

In other parts of the site, mature live oak trees and meandering waterways will be protected and enhanced. A Nature Center is planned at the nexus of these environments overlooking Lake Bonnet where park visitors will have the opportunity to learn about the ecology of central Florida. The Nature Center will feature classroom and exhibition space as well as a café and boat rental facility.



A CONNECTED COMMUNITY ASSET

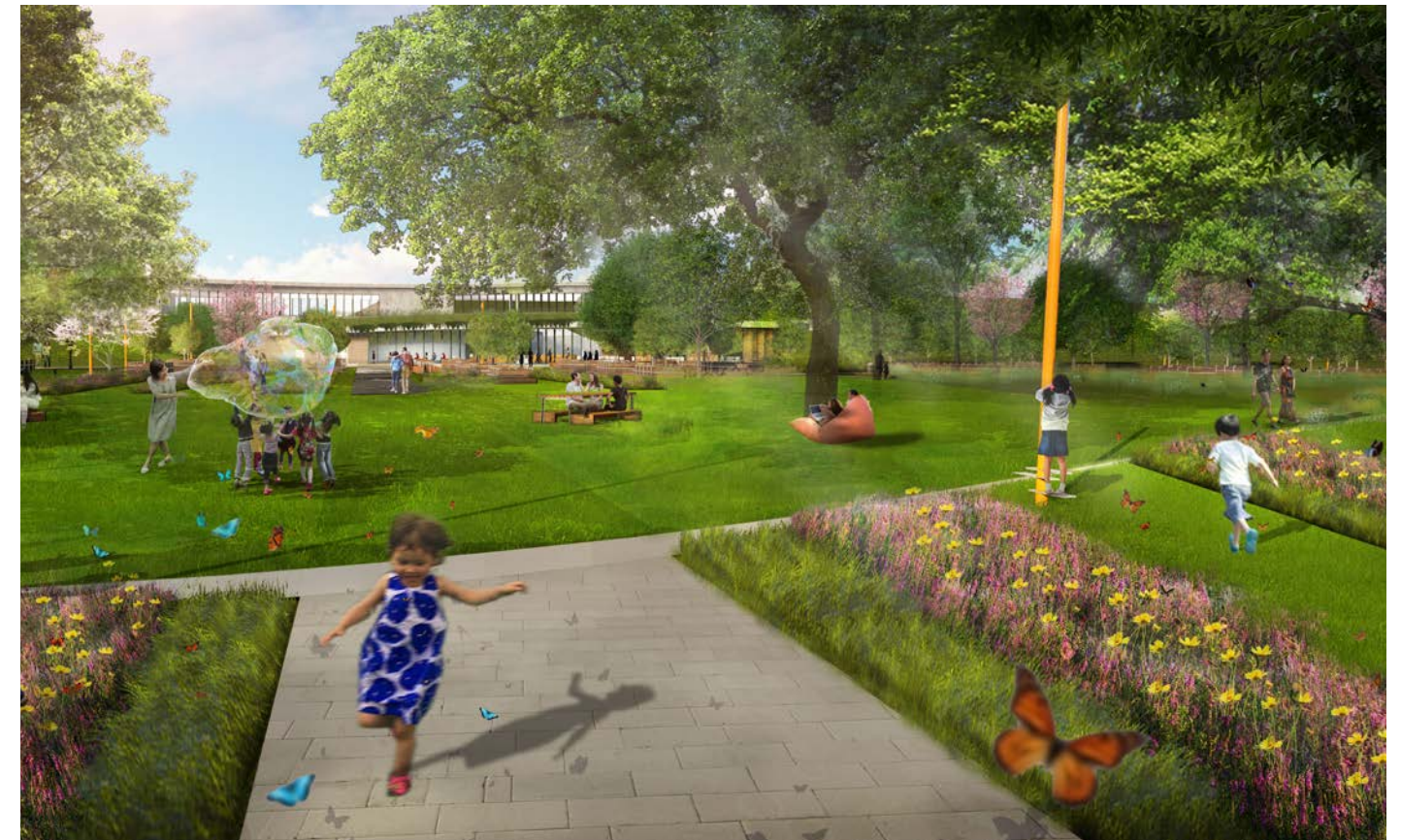
Bonnet Springs Park will welcome visitors of all ages and backgrounds from throughout the city and connect neighborhoods currently divided by transportation infrastructure and a gap in the urban fabric. New walking and bike paths, welcoming entrances, and the integration of transit will allow the park to be easily accessible from near and far.

The park will also serve as a place to connect people socially with gathering facilities such as a large banquet hall at the Event Center, a full-service restaurant at the Welcome Center, and a large central event lawn for concerts and festivals. Smaller gathering spaces such as a tree house, tea house, and nature playground will help bring people closer to the daily magic of the park. The range of activities planned for the park will support physical and social equity for all park visitors in an effort to reinforce shared experiences and forge new connections within this growing and changing community.



A CULTURAL MAGNET

The park’s downtown location creates a prime opportunity to build upon Lakeland’s tradition of hosting renowned cultural and educational institutions and furthering the city’s commitment to supporting the arts. Interpretive exhibits at the proposed Welcome Center will highlight the region’s agricultural, industrial and cultural history, and outdoor spaces will feature an extensive botanic garden as well as the integration of fixed and ephemeral works of art throughout the park. Most notably, the Explorations V Children’s Museum will be re-locating into an expanded facility at the heart of Bonnet Springs Park and will participate in the development of educational and cultural programming for the entire park.



Chicago River Edge Ideas Lab

CITY OF CHICAGO DEPARTMENT OF PLANNING & DEVELOPMENT,
THE METROPOLITAN PLANNING COUNCIL | CHICAGO, ILLINOIS

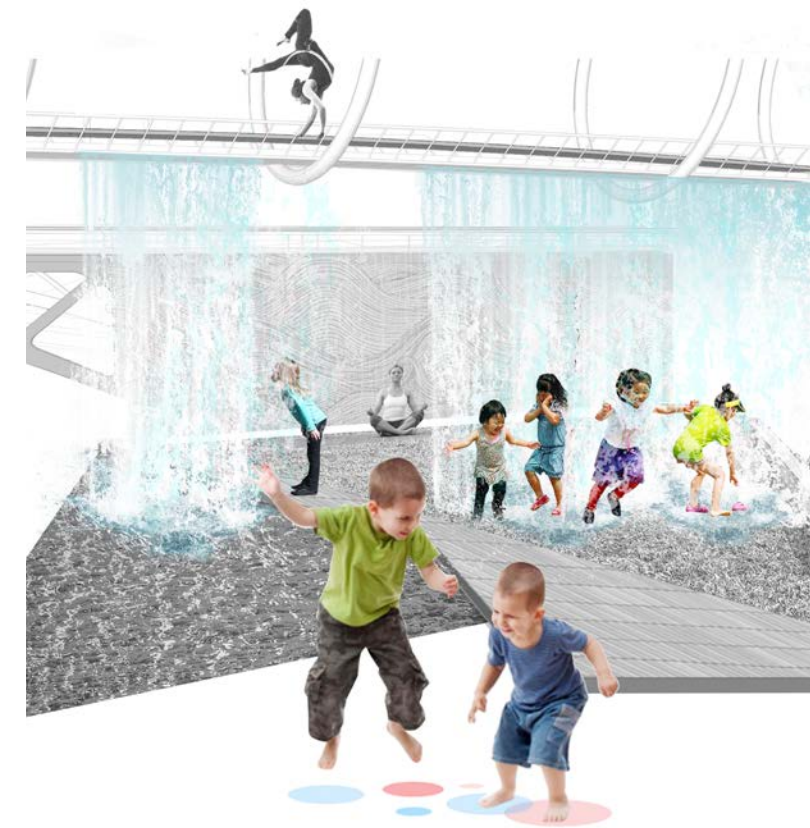
The Chicago River Edge Ideas Lab, a curated invitation for top tier design firms to imagine the future of Chicago’s second coast, has made an impression since its inaugural opening in September 2017.

Developed by the City of Chicago’s Department of Planning and Development and the Metropolitan Planning Council, the exhibition drew over 11,500 visitors during its life at Expo 72 in downtown Chicago and expects more than 10,000 visitors per month in its new home at the Chicago Architecture Foundation.

Additionally, a series of gallery talks and panel events, including Sasaki’s own gallery talk in November, hosted over 300 attendees, and a traveling version of the exhibition last fall reached an audience of more than 24,000 residents. Sasaki was one of nine firms, including SOM, Perkins + Will, and James Corner Field Operations, selected to submit designs for three predetermined locations along the Chicago River. The Metropolitan Planning Council of Chicago is set to release a short video summarizing the public feedback received about the River Lab and riverfront design features.

Sasaki’s concepts imagine an urban sublime. As we envision the southern expansion of this “recreational frontier”—we imagine an amplification of this burgeoning physical and sensory new memory—a series of connected places that capitalize on the river’s ability to provide provocative adventure, unexpected wildness, and phenomenal collision.

Year Completed 2017	Dates of Service 3/2017 - 11/2017
Certifications/Awards N/A	Budget N/A
Services Provided Landscape Architecture Civil Engineering Planning	Team Involved Zach Chrisco Steve Walz





Section 3 — Experience With & Understanding of Related Technical Issues

Our Technical Competency & Experience

	SASAKI				
	Plan for the Restoration of the University Lakes I Baton Rouge, LA	Greenwood Community Master Plan & Implementation I Baton Rouge, LA	Smale Riverfront Park I Cincinnati, OH	Bonnet Springs Park I Lakeland, FL	Chicago Riverwalk I Chicago, IL
Project Matrix: This matrix demonstrates how our projects and experience aligns with the City of Madison's criteria for technical competency and experience for this project.					
Planning to Implementation	+	+	+	+	+
Project Master Planning	+	+		+	+
Equitable & Inclusive Planning	+	+	+	+	+
Structural Decking			+	+	+
Waterfront Structures & Amenities	+	+	+	+	+
A Park for All	+	+	+	+	
Honoring Rich Cultural Heritage	+	+	+	+	
Community Engagement					
Access & Transportation	+	+	+	+	+
Multi-modal Transportation Engineering	+		+	+	+
ADA Design	+	+	+	+	+
Pedestrian/Bicycle Bridge Structures	+	+	+	+	+
Hydrology	+	+	+	+	+
Lake Water Quality/Limnology	+			+	
Stormwater Management	+	+	+		+
Aquatic Habitat Restoration	+	+	+	+	+
Sustainable Design & Shoreline Restoration	+	+	+	+	+

	SASAKI				GRAEF		MOFFATT & NICHOL		AEI	
	Wilmington Waterfront Master Plan & Implementation I Los Angeles, CA	Charlestown Waterfront Park Master Plan & Implementation I Charlestown, SC	Tom Hanafan River's Edge Park I Council Bluffs, IA	Gulf State Park Master Plan & Implementation I Gulf Shores, AL	Lakefront Gateway Plaza I Milwaukee, WI	City Deck Waterfront Boardwalk & Fox River Trail Connection I Green Bay, WI	The Wharf at the Southwest Waterfront I Washington, D.C.	Bay Park Sarasota (with Sasaki) I Sarasota, FL	Great Lakes Protection Fund, Multiple Projects I Great Lakes Region	Dead Pike Lake Management Plan I Manitowish Waters, WI
	+	+	+	+	+	+	+	+		
	+	+	+	+	+		+	+		
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**SASAKI
WILMINGTON WATERFRONT MASTER PLAN &
IMPLEMENTATION | LOS ANGELES, CA**

Sasaki collaborated with the Port of Los Angeles and its staff, members of the community, and all affected agencies to craft a master plan that both created a natural buffer between Wilmington and the Port's operations, and identified ways in which equal access to natural resources for Wilmington's primarily Hispanic residents could co-exist with industry. At the conclusion of the master plan, Sasaki identified three open spaces for implementation: the Wilmington Waterfront Park, the Avalon North Streetscape, and the Wilmington Waterfront Promenade.



**SASAKI
GREENWOOD COMMUNITY PARK | BATON ROUGE, LA**

At the core of the master plan process was a site discovery and "uncovery" phase, which utilized detailed mapping to reveal hidden information about the site's past and present conditions. As a result, the master plan is rooted in a deep understanding of Greenwood Park's ecological, hydrological, and cultural conditions.

Community engagement was an integral part of defining the vision for Greenwood Park. In order to invite as many voices as

possible into the process, engagement methods were designed to be broad reaching in terms of age and demographics by using numerous locations and tools. Innovative strategies including analog Instagram boards, a gumball preference game, and a 24'x22' walkable master plan! In addition to collecting feedback, the engagement was seen as a two-way street—with materials providing analysis of the physical conditions of the existing park in order to spark a deeper connection to the park and its future.



**GRAEF
LAKEFRONT GATEWAY PLAZA | MILWAUKEE, WI**

The GRAEF team was recently awarded the design of Milwaukee's Lakefront Gateway Plaza after a national design competition in which 24 firms vied for the opportunity to design a signature public plaza at the lakefront. There are three central themes that underpin the GRAEF team's design. Together, they inform a multi-dimensional design and create an iconic, richly detailed and layered urban space that will become the City of Milwaukee's waterfront jewel. The design intention is to ensure that this site becomes a primary civic space in the City in addition to its role as the gateway to many of Milwaukee's lakefront institutions and attractions and to Lake Michigan itself.

The project reconnects Milwaukee's urban core and the lakefront with experiential and a more abstracted reconnection to some of Milwaukee's formative history. The design celebrates many aspects of Milwaukee, which include water (a lifeblood of the city); safe harbor (along the western shores of Lake Michigan); and a celebration of the city and its connection to Lake Michigan. The Gateway Plaza will be active, urban, fun, and compelling. The design intent is to achieve a year round experience for users of all ages and develop a framework for well programmed, memorable and highly enjoyable experiences, as well as the incorporation of social and cultural aspects of Milwaukee.

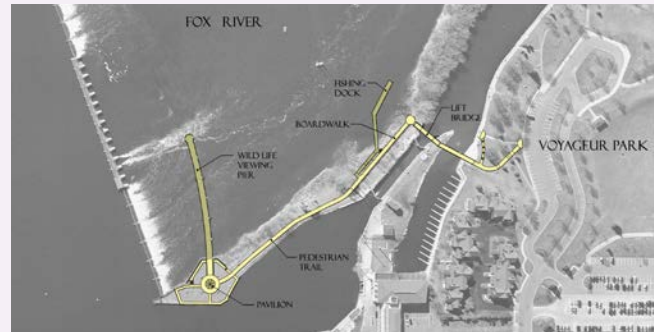


**GRAEF
KATHERINE HARPER RIVERWALK & WILDLIFE VIEWING
PIER | DE PERE, WI**

GRAEF worked with the City of De Pere on this recreational project in De Pere's downtown. The idea for the project developed as a result of the Claude Allouez Bridge reconstruction project. This offered the opportunity to use portions of the old bridge for pedestrian access along the waterfront. GRAEF developed a master plan and assisted the City with preliminary design and securing funding support and regulatory approvals for this unique community project.

The project established a recreational walkway that provides for new public access to the Fox River north of the De Pere dam on Government Island adjacent to the De Pere Lock facility.

The project included the construction of a wildlife viewing pier within the corridor of the previous Claude Allouez Bridge, as well as the appropriate access facilities to reach the pier. The project included construction of two access bridges (fixed span and scissors bridge) over a private marina and Fox River channel, pedestrian trail, wildlife viewing pier, lighting, and security fencing. Approximate cost of the project is \$3.5 million.

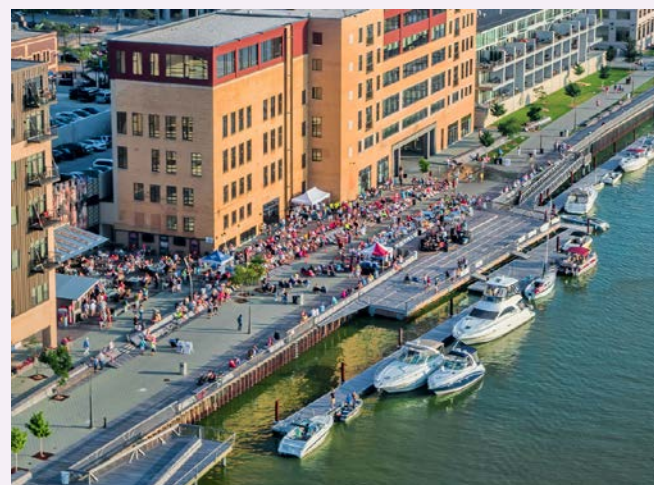


**GRAEF
CITY DECK WATERFRONT BOARDWALK & FOX RIVER
TRAIL CONNECTION | GREEN BAY, WI**

The City Deck is a public waterfront gathering space developed by the City of Green Bay along the Fox River. GRAEF was retained to provide the structural engineering for this unique recreation and leisure time facility which spans four city blocks in the downtown, running from Walnut Street to Main Street.

The project was created as an active urban boardwalk directly along the river's edge. It features a series of open areas with benches, transient dock space, fishing piers, and overlooks that offer direct physical and visual access to the river. These activities are reinforced by pedestrian pathways, a continuation of the Fox River Trail, lawn areas, and gathering spaces.

GRAEF provided structural engineering for the boardwalk. The deck system is primarily comprised of a system of wooden structures supported on steel piles within the river. The overall concept, which is being developed in phases, includes four primary platforms that extend up to 50 feet over the river. The actual wood decking is "ipe," a dense and very durable tropical wood species selected to withstand the elements.



APPLIED ECOLOGICAL INSTITUTE

As part of Applied Ecological Services previously, and now at Applied Ecological Institute, Steve and his team have completed over 200,000 acres of wetland restoration—from coastal wetlands associated with the Don river project in Toronto, to large restoration in the Sandusky, OH area, projects in the everglades, throughout the upper Midwest, Costa Rica, Peru, and elsewhere, they have worked on the science, design, engineering and construction (and measurement and monitoring) on tens of thousands of acres, and then consulted on many multiples of this acreage.

DEAD PIKE LAKE | MANITOWISH WATERS, WI

Steve Apfelbaum and his team created a lake management plan with WDNR limnologist, Powell Marsh wildlife management unit, to address ground water and surface water impacts of water control on the Powell Marsh wildlife management area.

GREAT LAKES PROTECTION FUND | VARIOUS LOCATIONS

Since 1999, Steve Apfelbaum has been involved with 5 projects for the Great Lakes Protection Fund. The work has focused on great lakes (100 mln acres) watershed and all tributary watershed quality, and fluvial dynamics modeling for every tributary watershed in one project; regrowing water supplies for the great lakes in another project; creating historic watershed understandings and trajectories of each watershed under existing and projected land use, and restoration planning at the watershed scale for the entire great lakes.

**MOFFATT & NICHOL | SASAKI
BAY PARK SARASOTA | SARASOTA, FL**

Moffatt & Nichol worked with the Sasaki/Agency team to identify ways to activate the park waterfront in a resilient and environmentally responsible way. We were also charged with integrating the Centennial Boat Ramp into the master plan while protecting its form and function for use by the very active local boating public. As part of the waterfront access, Moffatt & Nichol provided alternative forms of site access including potential water taxi and ferry berthing as well as options for day boating access.

As the project evolved, engagement with the boat ramp users became critical and we hosted several boating working groups to engage and solicit opinions from the boaters. This included ideas to maintain and improve boating access as well as feedback on the master plan concepts.





Section 4 — Experience & Implementation of Equitable & Inclusive Design

Our Experience with Equitable & Inclusive Design

Before interpreting the challenge of addressing implementation and inclusive design for the Lake Monona Waterfront, we need to ensure that all parties are on the same page on what environmental justice actually represents.

We refer to the ASLA environmental justice definition “all persons have the right to equitable access to environmental and community benefits in order to have a healthy environment in which to live, work, and learn. No group of people should bear a disproportionate share of the negative consequences resulting from public or private development, operations, or policies.” For the Monona Waterfront, equitable and inclusive design means that we need to recognize that people of Madison have not had the same opportunity to enjoy recreation, access to healthy food, or high quality environments as other parts of the city. We believe Lake Monona can help overcome some of those challenges.

At Sasaki, we believe that community engagement is a holistic conversation that is woven throughout the entire process. We applaud the incredible outreach that has already happened with the Lake Monona Waterfront and now is the time to translate the ideas and voices of the community into a design idea. If selected, we will work with the City to identify an engagement consultant that will help us reach the community and get input on the concept so we can revise and finalize a design that reflects the City of Madison. With robust community engagement and a thorough understanding of the site, we are confident that we can provide a healthy, sustainable, and accessible park for everyone.



GREENWOOD COMMUNITY PARK MASTER PLAN: PUTTING COMMUNITY AT THE HEART OF IMPLEMENTATION

North Baton Rouge has seen a decades-long pattern of cultural assets and public investments moving south. This migration has left North Baton Rouge starved for amenities. BREC’s Baton Rouge Zoo, one of North Baton Rouge’s cultural icons located in Greenwood Park, was one of the amenities on the cusp of relocating to a southern part of the parish. As a result of local outcry across the parish and with pressure of community leadership from the northern part of the parish, the proposed relocation of the zoo ultimately did not come to pass. Instead, BREC decided it was time for a big change. The zoo and park provided the perfect opportunity to reinvest in the neighborhood by reimagining these incredible public spaces.

BREC set out to create a nationally renowned park and public space that would demonstrate its commitment to the North Baton Rouge community and the parish as a whole. In late 2018, BREC hired Sasaki to lead the effort to reimagine Greenwood Park and the Baton Rouge Zoo as a cohesive community asset of which everyone could be proud. Now, at 660 acres, Greenwood Park is the largest park in BREC’s system, and it provides a chance to address the contentious issues around disinvestment. Through an intensive engagement process, the new master plan created broad consensus and support around a design that includes roughly \$47 million in publicly funded improvements for the park and zoo – work currently underway by Sasaki, as part of Phase 1 implementation.

This success story is a result of including equitable and inclusive design in the master plan process. Sasaki created a chapter in the master plan called “Community Programming” that identified strategies that would be applied to the master plan, but more importantly into implementation. These guidelines directly impacted phase 1 and have resulted in the highest SBE/WBE/MBE requirements for construction, miles of trails connecting to adjacent neighborhoods, and major infrastructural improvements needed within North Baton Rouge.

Park Impacts: Building Long Term Community Ownership & Trust

“How a failed effort to move the Baton Rouge Zoo pitted officials and citizens against one another...”

April 27, 2018

“BREC’s critics, supporters cheer plans for Baton Rouge Zoo and Greenwood Park... It’s like a Dream”

2018-2019

“Flip the Script...” April 18, 2019

Ground Breaking on Phase I, Dec 8, 2020

Goals & Strategies

Park Impacts: Implementation in a Way that Provides Local Good, Not Displacement

Goals for Community Investment

	 G1 Celebrate the Unique Community	 G2 Provide Amenities + Opportunities	 G3 Connect People to the Park	 G4 Grow Long-Term Economic Strength	 G5 Catalyze Growth by Supporting Others
S1 Mission-Aligned Program Opportunities	+	+		+	+
S2 Revenue Generation Opportunities	+	+			+
S3 Infrastructure Upgrades		+	+	+	+
S4 In-Park Catalytic Development	+	+		+	+
S5 Select Opportunity Sites		+	+	+	+
S6 Long-Term Land Use Changes + Challenges			+	+	+



200%
Reduction in Maintained Turf Grass

10 mi
In New Trail Connections

25%
Reduction in Downstream Flood Output

30%
DBE/SBE/MBE Contractor Participation in Phase 1

500%
Increase in accessible program spaces

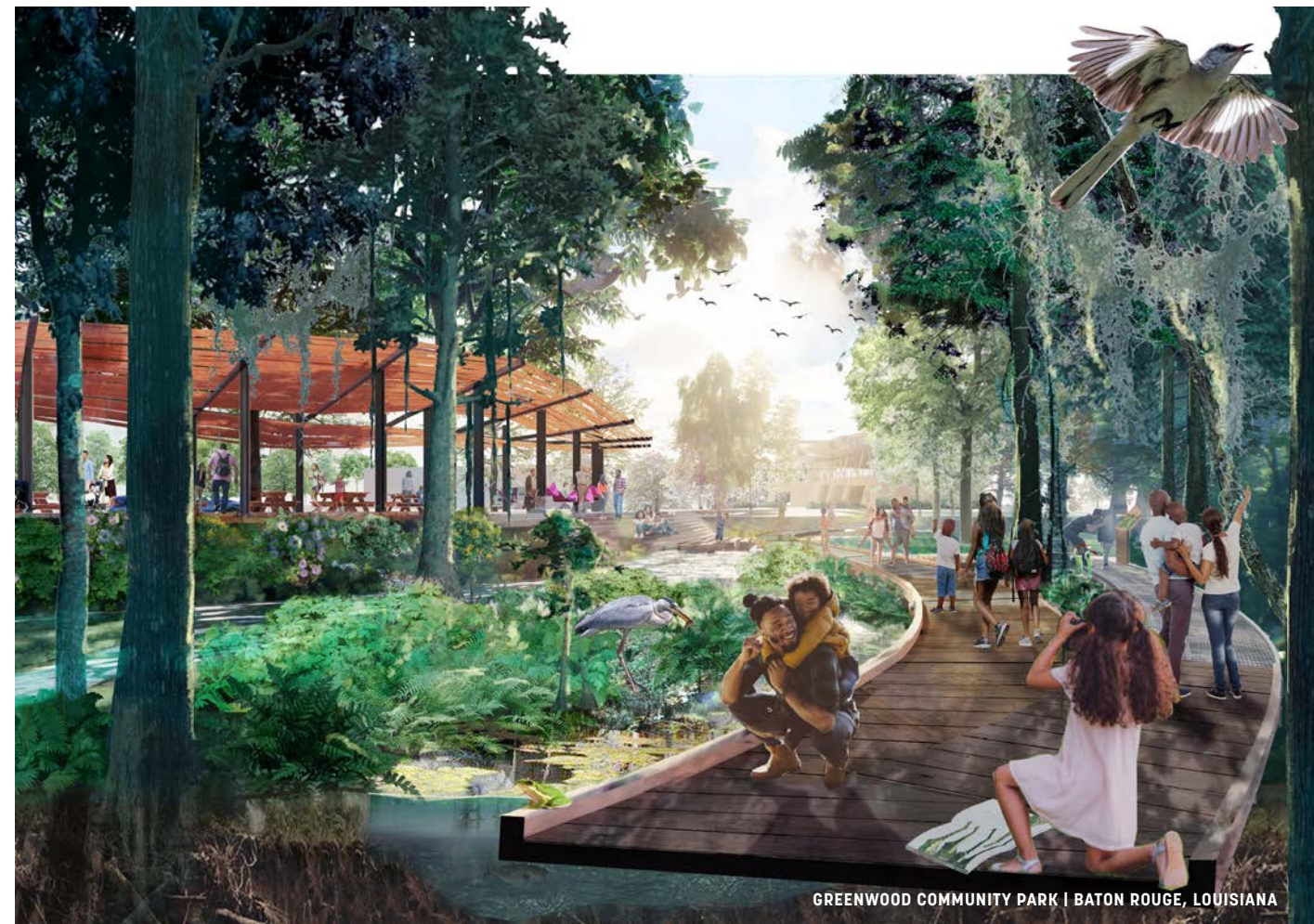
\$47M
Phase 1 Construction Value

Equitable Access to Parks

In pursuit of equity and diversity, it can be tempting to strive towards a park and park system that is “for everyone.” Through our experience, however, we have found that planning “for all” can lead to spaces that are host to an anonymized singular identity that leaves little room for heterogeneity. For example, research indicates that park design that is centered on “average users” tends to be based upon preferences of culturally dominant groups. This has the effect of creating spaces that are unwelcoming and uncomfortable for others (Ensuring park equity: a California case study by Stephen Gibson, Anastasia Loukaitou-Sideris & Vinit Mukhija). Our approach is to rethink parks planning to create a design for the Lake Monona Waterfront that is about true belonging for the diverse communities of Madison. Aiming for a common denominator leaves parks vulnerable to being defined by existing social/ power dynamics, based on who feels entitled to claim public space. Instead, we believe that we must aim for a park and waterfront design that proactively includes strategies for enabling marginalized communities to express their identities in park spaces.



WILMINGTON WATERFRONT PARK | LOS ANGELES, CALIFORNIA



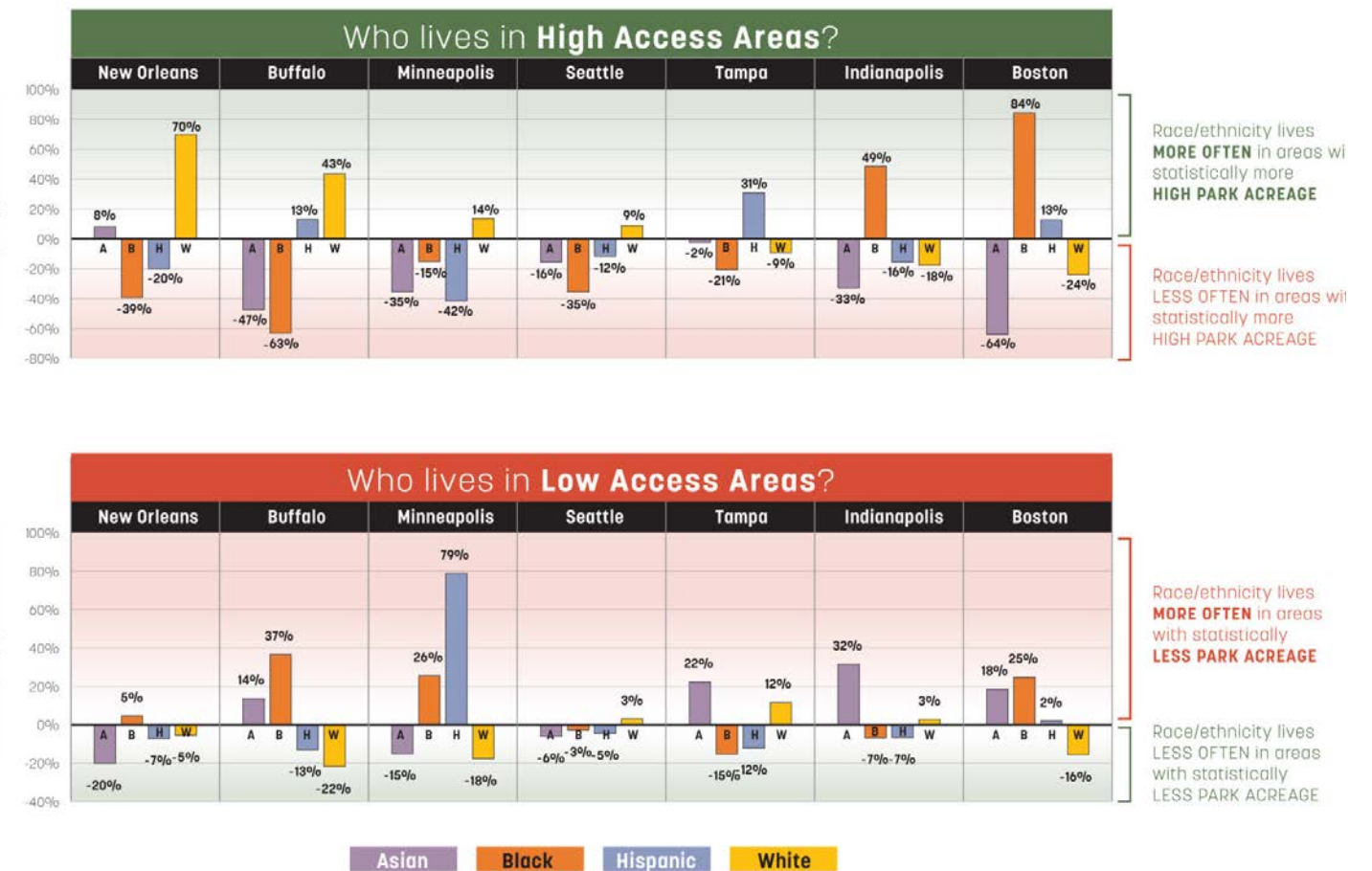
GREENWOOD COMMUNITY PARK | BATON ROUGE, LOUISIANA

INNOVATION IN PARKS EQUITY:

Ongoing Parks & Equity Research

A recent project of Sasaki’s Parks & Equity research team focused on mapping access disparities, highlighting areas within communities that are statistically over-served or underserved for park acreage per capita and analyzing who lives in these areas. Analyzing park access in 19 cities, they have found significant disparities in access along racial/ethnic lines. They are now comparing these patterns to historic park system design, former redlined areas, and current trends in neighborhood change, including both growing areas of concentrated poverty to zones of gentrification and displacement. They are seeking to illuminate who is enjoying great park access and who is disproportionately left out, while also studying the origins of these trends and ongoing contributing factors.

In many cities, races/ethnicities who disproportionately live more often in high access areas are also living less often in low access areas, exacerbating disparities in park access. For example, in Minneapolis and Buffalo, white residents are over-represented in high park access areas by 14% and 43% respectively, and under-represented in low park access areas (-18% and -22%). Meanwhile, the opposite is true for black residents in both cities, who live less often in high park access areas (-15% and -63%) and more often in low park access areas (+26% and +37%). Similar patterns exist in 60% of the 19 cities we studied.



Our Commitment to Equity & Inclusion

We share the City of Madison's commitment to diversity, equity, and inclusion. Sasaki believes that an inclusive culture powers our potential. We build our ecosystem on parity, respect, accountability, candor, and trust to reflect our commitment to our people and their contributions. We take these actions because diversity is essential to design.

SASAKI'S EEO POLICY

Sasaki is deeply committed to a policy of equal employment opportunity for all employees and applicants for employment. Our equal employment opportunity and affirmative action policy is not a mere paperwork exercise, but a core practice of the firm. We continually review our personnel policies to assure that they are non-discriminatory. It is our policy to recruit, hire, compensate, train, and promote persons of all levels without regard to race, color, religion, gender, age, national origin, sexual orientation, physical or mental handicap, marital status, or status as a disabled or Vietnam Era Veteran of the United States Armed Forces.

OUR COMMITMENT TO CREATING A MORE DIVERSE WORKFORCE

At Sasaki, diversity encompasses a wide array of attributes that reflect the variety of personal experiences and values of our community. These values arise from differences in race, nationality, gender, age, language, abilities/disabilities, sexual orientation, socioeconomic status, education, professional experience, and more. The staff at Sasaki represent a great variety of cultural and ethnic backgrounds. All together we come from 28 different countries— 94 of us speak more than one language and 25 speak more than two. We believe that our emphasis on the value of collaboration and the importance of individual participation within the context of a collective effort engenders a respect for the thoughts and experiences a diverse staff brings to the table.



The Sasaki Foundation was a lead sponsor of the 2017 Harvard Graduate School of Design conference "Black in Design: Designing Resistance, Building Coalitions," which promotes the agency of the design professions to address issues of equity and social justice.



Due to an industry-wide lack of representation, many design firms struggle with the challenge of meeting the needs of communities that differ in racial and socio-economic make-up from the design team working with them. This is a plague across design professions, and the negative effects of this disparity writ large in the built environment cannot be overstated. Sasaki runs into this challenge working across the globe, as well as in communities closer to home. We know we can do much better. We are committed to do our part to move the needle towards diverse representation in our industry. It is because of this that our commitment to advancing diversity within the design profession goes beyond our internal practices and policies. Ultimately, we aspire to be leaders of the change that we want to see.

To this end, in 2012 Sasaki formed a Diversity Committee of a dozen staff members who dedicate time outside of their projects to measure our firm's progress towards practices that support diversity, evaluating our success based on qualitative perceptions and experiences shared by staff members. The Diversity Committee works to research and analyze the firm's stance and experience relative to industry-wide strategies to attract and retain more people of color in design, such as: increasing industry outreach to K-12 students through academic and extracurricular programs; developing firm mentorship programs; and creating scholarships to enable people of color to attend association conferences; among others. Our intent is to move the conversation about diversity forward for the industry by contributing these findings and investing our own creative energy.

OUR COMMUNITY INVOLVEMENT

We also believe in contributing to our community through initiatives like the Sasaki Foundation, our philanthropic body which is committed to advancing the value of design by inviting diverse partners to co-create change, and the Incubator space the Foundation curates, which supports public programs and Foundation-sponsored teams working on research initiatives supported by the expertise and resources of our global design firm.

Hideo Sasaki believed that a thriving design industry relies on a pipeline of diverse, talented, and passionate practitioners who infuse new ideas and disrupt established patterns. The Sasaki Foundation supports professional organizations and initiatives that prepare such future leaders. The foundation also advocates for innovative design practice, seeking ways to cross-disciplinary boundaries and looking at the intersection of socioeconomic, cultural, and environmental issues. Of special interest are programs that advance diversity and inclusivity in the next generation of design professionals, such as our Design Mentorship Program, the Summer Exploratory Experience in Design (SEED) program, work with the Crimson Summer Academy, the Boston Private Industry Council, and sponsorships of the Black in Design Conference and the SPARK Black Millennial Conference.

By bridging between academic research and practice, the Incubator serves as a creative hub for internal and external researchers who are solving complex problems of resiliency, mobility, and social equity in the design of the built environment. The Sasaki Foundation Design Grants are an annual competition to showcase projects that support and drive interdisciplinary innovation and empower our local communities. The latest Design Grants research cohort and community grant recipients have been working on projects that address homelessness, electric capacity in households, mobility, community building, and displacement. Details on the results of these research initiatives can be found at the Foundation's website: <https://www.sasakifoundation.org/>



Section 5 — Understanding of Project Scope & Challenges

Our Understanding of Project Scope & Challenges

“City making means making a sensible city plan, a convenient arrangement of streets; orderly railroad surroundings; a skillful public utilization of water fronts for both business and pleasure; beautiful open spaces in the most congested business and residence sections; the proper housing of all the people; the suffusion everywhere of beauty and use. **Thus beauty and opportunity for health and recreation are wrought into the very structure of the city, the very life of the people, they are not on the surface, merely decorative and occasional, they are organic.**”

John Nolen

Designing with a Wide-Angle Lens

At Sasaki we are constantly going back and forth in scale during every phase of a project. Our multiple lenses will shift from understanding how a planting strategy will impact larger

regional ecological connections down to the dimensions of the multi-modal paths along Lake Monona that ensure accessible design. It is these different scales that help define solutions and create landscapes of lasting value. We are able to do this by assembling a team of experts in their respective fields, but also by creating a complimentary in-house design team. Our team is able to implement a community’s vision while still understanding the technical rigor required to get through complex permitting processes and ensure a constructible space. We will be doing this at the master plan level! At Lake Monona Waterfront, we will push ourselves to be microscopically focused while using a wide-angle lens to meet the goals of the City and the community.

While we know the next phase of work is the design competition, we could not help ourselves in starting to sketch, ideate, and think through ideas together. So much incredible work has happened already and we can feel the excitement from the community and want to realize their ideas in a design. This is a BIG deal and we are beyond excited to begin this journey with you!



LAKE MONONA | GRAEF



Enhance the Built & Natural Environment

Today

Madison's lakes have defined the city's development and character for generations. From providing necessary habitat for hunting and fishing for the Mound Builders to today's recreation, the lakes are beloved community assets. There is no city in the United States that has such a strong connection to its lakes. Specifically, Lake Monona provides miles of lake frontage and recreational opportunities including beaches, biking, fishing, and naturalized open space. While Lake Monona is seen as one of the blue jewels within the lake system, it currently feels disconnected.

Tomorrow

We recognize the city's unique natural amenities and will work to weave Lake Monona's Waterfront into the city fabric. To do this we will plan and build a signature civic park that anticipates future needs of the community while maintaining the recreational aspects that are working well for today's residents. Working with our ecology (AEI) and hydrology experts (Moffatt & Nichol) we can find environmentally sensitive and restorative (improve water quality and aquatic habitat) solutions that impact the natural environment beyond the scope boundaries. We also know the technical challenges associated with creating parks on fill. At the University Lakes project we are expanding



park and open space onto 600,000 cubic yards of soil. We will think through successional planting strategies and phasing options that allows the landscape process to inform the design. Finally, to build environmental stewardship we will look for educational opportunities to teach the community and visitors to Lake Monona about how a working landscape of forebay, wetlands, and soft edges can help clean the water.



LAKE MONONA SHORELINE | GRAEF

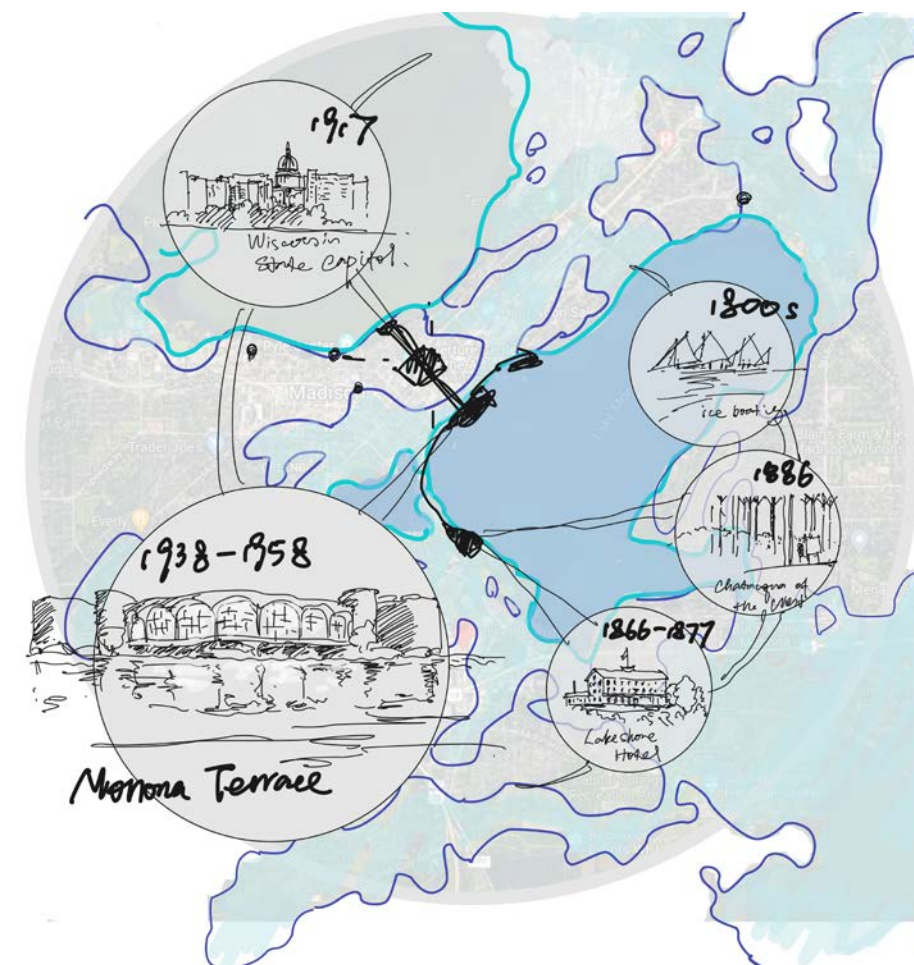
Celebrate Cultural Heritage

Today

Madison illustrates a 40 to 50-year cycle for major signature civic projects. Following the footsteps of the Mound Builders, there was the creation of a landmark Land Grant Institution, a community gathering destination called the Memorial Union, an urban framework established by the Nolen Plan, a progressive Park and Pleasure Drive (redefining State Street as a vibrant destination in the 70's), and a Frank Lloyd Wright inspired Monona Terrace. All of these plans and projects elevated Madison as a cultural center. It is the creation of these generational projects that embodies the community's civic pride, and the character and values of the City of Madison. The time has come to add another unique experience prioritizing and redefining Madison's lakefronts that celebrates this cultural heritage.

Tomorrow

The new waterfront park has a once-in-a-lifetime opportunity to connect the cultural assets along Lake Monona. We see this as a blue necklace with pearls of culture. The new park can highlight these historic projects that have defined the city while providing for new opportunities to implement new cultural opportunities including places for public art to enhance the experience of the park. The new park system will also become a catalyst for reinvestment, and by identifying future programs in the conceptual phase we can start planning for these new uses. At Lake Bonnet in Bonnet Springs Park, Sasaki worked with the community to define four cultural destinations within the park including an iconic restaurant, a nature center, a wedding venue and a new Children's Museum. We see opportunities here to bring people to Lake Monona to experience culture and weave programming into the experience so people keep coming back. Lastly, our experience with public-private partnerships will help us define and position the waterfront for private philanthropic funding opportunities.



A Place for All to Connect & Be Connected

Today

Lake Monona is currently loved year-round as an outdoor amenity. From boating and ice fishing, to the Iron Man competition, the waterfront brings people from all walks of life together. The Capital City Bike Path provides a world-class recreational amenity along the waterfront. The waterfront also provides a vista that visually connects downtown. However, Lake Monona's western edge prioritizes vehicular use, making public access along its waterfront challenging. This physical barrier divides the city from the waterfront.

Tomorrow

We have an incredible opportunity to enhance connections to the city's many cultural assets and the project area's surrounding neighborhoods. We also know how to work with current projects like the proposed plans for the 2026 John Nolen Drive Reconstruction.

On the University Lakes project, Sasaki worked with the DOT as they expanded an interstate and bridge that went over the lakes. The design was led by the City Engineering department and was already through 10% design when the Sasaki team started the project. The teams started collaborating and working



together within a month of starting the project. This has resulted in monthly meetings for over a year to ensure that dredge, columns, construction, lighting, etc. have all been coordinated. We will also incorporate the area's concurrent planning and development projects such as the 2018 Destination District & Taskforce, 2019 Lake Monona Waterfront Preliminary Report, to ensure that these green spaces are connected and coordinated.



KAYAKERS ON LAKE MONONA



Equitable Access to Parks

Today

We applaud the incredible amount of time and effort that has gone into engaging the community. The community goals range from transforming the Lake Monona Waterfront into a signature park, promoting cultural connections between all park users, providing a comfortable, safe, and enjoyable waterfront environment, promoting sustainability and ensuring all visitors have comfortable access to the waterfront, regardless of mode or method of travel, and designing a waterfront that honors black, indigenous, and people of color. To achieve all of these goals we need to ensure that historically marginalized voices in Madison feel welcomed and feel as if the public realm is for them. We need the design to be equitable and inclusive and provide access for everyone so that everyone can enjoy this new world-class civic space.

Tomorrow

To design a park for all the different users, we need to first listen and understand what has been asked for and not just by the people that are current Lake Monona Waterfront users but from community members that are not frequently visiting these spaces? What is missing? What design interventions will resonate with certain community groups? And how do we create a robust program along the waterfront that is grounded in community feedback. Our goal for this design competition is to translate the community's voice into design idea, but engagement cannot end at this phase. If we are selected as the winning team, we will re-engage with the community to get their feedback and make adjustments to the design.

What's Next?

1. Phase 1 Design Competition

Moving forward, our team will utilize the existing feedback from the community, the previous planning work, guiding principles, and existing technical information as the base for our design thinking. This will be augmented by our teams local knowledge, ecological understanding, water modeling, and national experience designing waterfronts to create a concept that is lofty in goals but grounded in a reality of implementation.

2. Final Master Plan

If we are the winning team, we plan on re-engaging the community at the beginning of the process. We will work with the City to identify a community engagement partner prior to reaching back out to receive feedback from the community.

► **Refined Master Plan Concept** - Our team will deliver a master plan for the Lake Monona Waterfront that has a twofold purpose: to inspire and to guide. The master plan must excite key stakeholders, policymakers, and the larger community to move forward through high quality graphics and clear, accessible storytelling, while providing enough information to inform implementation. Utilizing the feedback gathered on the concept plan alternatives from the design competition, the Sasaki team will develop a final plan.

» **Phasing, Permitting, Costing and Implementation** - In concert with the development of the final master plan, our team will create a cost estimate to help make decisions regarding the final master plan concept. In addition to cost estimating, our team brings a wealth of experience in understanding the various aspects of project funding from state and federal grants, capital dollars, real estate value capture, and private donations. Our team will work with the City to develop initial funding ideas to initiate conversations with various stakeholders. We will also compile information gathered based on discussions with regulatory agencies, and prepare a matrix illustrating the permitting activities that will be required for implementation of the master plan.

» Finally, our team will develop an implementation plan that speaks to the preferred phasing of the project and coordinates with the possible funding sources, permitting processes, market conditions, critical construction actions, and community desire. This plan will demonstrate near-term and long-term actions as well as critical path items.

► **Draft Master Plan** - Our team will create a draft of the master plan report for review by the City and key stakeholders. At this point, we will discuss other aspects of documentation and advertisement that may be needed to build excitement around this project such as donor materials, project websites, and other types of printed and digital material.

► **Final Master Plan Document** - The Sasaki team will create a graphically compelling and easily distributable PDF and/or printed master plan document for use by the City, incorporating comments on the draft version. This document will serve as both a capture of the process and a roadmap for the future. It will contain vision material such as illustrative plans and renderings, more technical information such as diagrams for elements like stormwater management, as well as process oriented diagrams such as phasing, operations and maintenance, and others. While this document will be the main deliverable, we will work with the City earlier in the process to outline other potential platforms within which to develop the final deliverable.



MONONA TERRACE | GRAEF



LAKE MONONA SHORELINE | GRAEF



PADDLE BOARDERS ON LAKE MONONA | GRAEF



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