



**Parks and Recreation Board Agenda**  
**Department of Public Services**  
**851 South Eton-Conference Room**  
**Tuesday, March 5, 2024**  
**6:30 PM**

- I. Call to order**
- II. Roll Call**
- III. Announcements, Introductions of Guests & Chairpersons Comments**
  1. Welcome Student Representatives: Ella Bassett, St. Mary's Preparatory School
- IV. School**
- V. Open To The Public for Items Not On the Agenda** (*two minutes per person*)
  - No one may speak a second time until everyone in the audience has spoken.
  - The chairperson may alternate speakers pro & con on issues being discussed.
- VI. Approval of the minutes of: February 6, 2024**(*regular meeting*)
- VII. Unfinished Business**
- VIII. New Business-** *Written and submitted by 5pm Monday at the Birmingham Ice Sports Arena, one week prior to the meeting.*
  1. Parking Improvements Linden Park- along Brandon
  2. Professional Design Services- Booth Park Entry Plaza & Trail Improvements Parks Consultant Selection Update (*verbal*)
- IX. Miscellaneous Communications**
  1. Oakland County Parks highlights new projects and program expansions- C&G Newspapers, published 2/12/24
- X. Reports From Staff**
  1. Park & Project Updates
  2. Project Overview – Birmingham Green Healthy Climate Plan
- XI. Items for Next Meeting**
  1. Playground Information



## **XII. Adjournment**

Individuals requiring accommodations, such as interpreter services, for effective participation in this meeting should contact the City Clerk's Office at (248) 530-1880 at least one day in advance of the public meeting.  
Las personas que requieren alojamiento, tales como servicios de interpretación, la participación efectiva en esta reunión deben ponerse en contacto con la Oficina del Secretario Municipal al  
(248) 530-1880 por lo menos el día antes de la reunión pública.  
(Title VI of the Civil Rights Act of 1964).

*If you cannot attend the meetings, please contact Connie Folk at the Birmingham Ice Arena (248) 530-1642.  
Minutes are available for review at the Birmingham Ice Sports Arena, 2300 East Lincoln, Birmingham, MI 48009*

### **PARKS & RECREATION BOARD MISSION STATEMENT**

*The Parks and Recreation Board strives to provide opportunities for the enjoyment, education, and inspiration for present and future generations of residents and visitors through stewardship of natural, cultural and recreational resources. By continuously elevating the beauty and quality of the parks and recreation system of Birmingham, the Parks and Recreation Board will promote health and wellbeing, and strengthen the community.*

Should you have any statement regarding the above, you are invited to attend the meeting in person or virtually through  
**ZOOM:** <https://zoom.us/j/98191466679> **Meeting ID:** 981 9146 6679  
You may also present your written statement to:  
City of Birmingham, Parks and Recreation Board  
851 South Eton, Birmingham, Michigan 48009 prior to the meeting.

**PARKS AND RECREATION BOARD MEETING MINUTES**  
**February 6, 2024**

Heather Carmona, Chairperson, called the meeting to order at 6:30 pm at 851 South Eton.

**MEMBERS PRESENT:** Heather Carmona  
Susan Collins  
Sarah Kupczyk  
Pam Graham  
Anne Lipp  
John Rusche  
Steve Sweeney

**MEMBERS ABSENT:** None

**STUDENT REPRESENTATIVES PRESENT:** Student Terms Expired

**ADMINISTRATION:** Scott D. Zielinski, Director DPS  
Carrie A. Laird, Parks and Recreation Manager  
Brad McNab, Assistant Foreman-Parks  
Connie J. Folk, Ice Arena and Facilities Superintendent

**GUESTS:** Lilly Brinn, Rebecca Brinn, Jessica Einstein and Joe Wrobel

**ANNOUNCEMENTS, INTRODUCTIONS OF GUESTS & CHAIRPERSON COMMENTS:**

No announcements

**OPEN TO THE PUBLIC FOR ITEMS NOT ON THE AGENDA:**

No items presented

**APPROVAL OF THE MINUTES:**

It was moved by Lipp, seconded by Graham, to approve the minutes of the Tuesday, January 9, 2024 regular meeting as amended.

**Ayes,** Heather Carmona, Susan Collins,  
Sarah Kupczyk, Pam Graham, Anne Lipp,  
John Rusche and Steve Sweeney

**Nays,** None  
**Absent,** None

**UNFINISHED BUSINESS:**

No items presented

**New Business #1: Little Library Presentation-Lilly Brinn, Current Roeper School Student**

Lilly Brinn discussed with the Parks and Recreation Board about placing a Little Library in Adams Park. Lilly has not yet finalized the design but has been working with PM Laird on the location of the Little Library and that the design will be an animal theme.

The restocking of the books will be handled by Lilly and once Lilly graduates a teacher from Roeper will continue restocking the Little Library.

It was moved by Collins, seconded by Lipp, to proceed with this project based on the guidelines that city sets forward working with Lilly on the Little Library installation.

**Ayes,** Heather Carmona, Susan Collins,  
Sarah Kupczyk, Pam Graham, Anne Lipp,  
John Rusche and Steve Sweeney

**Nays,** None  
**Absent,** None

**New Business #2: Fee Increase Recommendation - Springdale Shelter**

IAFS Folk presented to the Parks and Recreation Board a recommendation to request an increase of the rental fees for the use of Springdale Shelter.

It was moved by Lipp, seconded by Kupczyk, to approve the department’s recommendation on the fee increases for the rental of Springdale Shelter which will take effect for the 2024 season.

**Ayes,** Heather Carmona, Susan Collins,  
Sarah Kupczyk, Pam Graham, Anne Lipp,  
John Rusche and Steve Sweeney

**Nays,** None  
**Absent,** None

**MISCELLANEOUS COMMUNICATIONS:**

DPS Director Zielinski stated that the department have received random complaints through GovPilot on the recent storm damage that occurred in the past months.

**REPORTS FROM STAFF:**

**Park & Project Updates**

PM Laird provided to the Parks and Recreation Board Park & Project Updates.

PM Laird stated that the outdoor rink is opened but staff is continuing to monitor ice conditions and will close/open as needed.

PM Laird stated that the department is currently out to bid for Design Services for Booth Park Entry Plaza and Trail Improvements. A mandatory pre-bid meeting was held on January 25, 2024. Five consultants were in attendance. Bids are due on February 22, 2024. Staff anticipates a recommendation for the Parks and Recreation Board at the March meeting.

PM Laird stated that two gates were installed at Crestview pickleball courts as previously discussed and determined appropriate by the Board.

PM Laird stated the Birmingham Ice Arena dehumidifier permanent fence is currently being installed. This item was removed from the scope of work for the ice arena project to be addressed at a later date.

**5-Year Recreation Plan Submitted**

PM Laird stated that 5-year Recreation Master Plan has been submitted to the State of Michigan and that the City of Birmingham is eligible to apply for grants.

**ITEMS FOR NEXT MEETING:**

Carmona asked about where Parks and Recreation Board comments should be placed on the agenda.

DPS Director Zielinski should be placed on the Items for Next Meeting.

Carmona stated the next regular meeting will be held on Tuesday, March 5, 2024 at 6:30 pm, at 851 South Eton.

Chair Carmona adjourned the meeting at 7:00 pm

Connie J. Folk, Ice Arena and Facilities Superintendent



## MEMORANDUM

Engineering Department

**DATE:** March 5, 2024

**TO:** Parks and Recreation Board Members

**FROM:** Melissa A. Coatta, City Engineer

**SUBJECT:** Linden Park - Parking off of Brandon

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### INTRODUCTION:

The City Commission passed a motion to add Brandon Street from Shirley to Linden to the upcoming Shirley and Arlington project. This motion also included adding a sidewalk on Brandon Street and improving parking at Linden Park.

### BACKGROUND:

On February 5, 2024, the City Commission passed a motion to include Brandon from Shirley to Linden in the upcoming Shirley and Arlington project, and the motion included adding a sidewalk on Brandon and improving parking at Linden Park. The City's Engineering Consultants, Nowak and Fraus, have provided two options for parking in front of Linden Park.

The first option, Option A, is to have a 26-foot-wide road in front of Linden Park, and have parallel parking along the south side of the road. This allows for 6 parking spaces and includes one ADA handicap parking space. The proposed sidewalk will lie south of the parking spaces and will lead into the entrance of the park and provide a north/south sidewalk crossing at the intersection of Linden and Brandon. This will require the existing fence along the south side of Brandon Street to be removed and a new fence installed.

The second option, Option B, is to have a 20-foot-wide road in front of Linden Park and have angle parking along the south side of the road. The angle parking provides for 8 parking spaces and this includes one handicap parking space. The proposed sidewalk is also south of the parking spaces and will lead into the entrance of the park and provide a north/south sidewalk crossing at the intersection of Linden and Brandon, and will require the existing fence to be removed and a new fence installed.

### ATTACHMENTS:

- Option A: Parallel parking spaces along the south side of Brandon Street
- Option B: Angle parking spaces along the south side of Brandon Street

SUGGESTED BOARD ACTION:  
Move to recommend either:

Installation of the proposed parallel parking as indicated in Option A

Or

Installation of the proposed angle parking as indicated in Option B.



SEAL

PROJECT  
 City of Birmingham  
 Arlington Road & Shirley  
 Drive Watermain Project  
 Contract#9-24(W)

CLIENT  
  
 Engineering Department  
 151 Martin Street  
 Birmingham, MI 48012

PROJECT LOCATION  
 Part of the Northeast 1/4  
 of Section 35, Town 2 North,  
 Range 10 East, City of  
 Birmingham, Oakland  
 County, Michigan

SHEET  
 Brandon Street Concept  
 OPTION A  
 ("Parallel Parking")

**811**  
 Know what's below  
 Call before you dig.

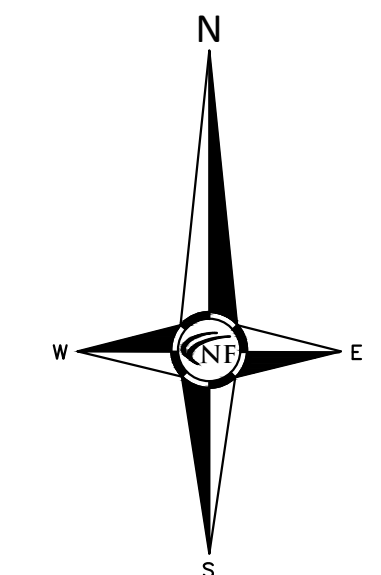
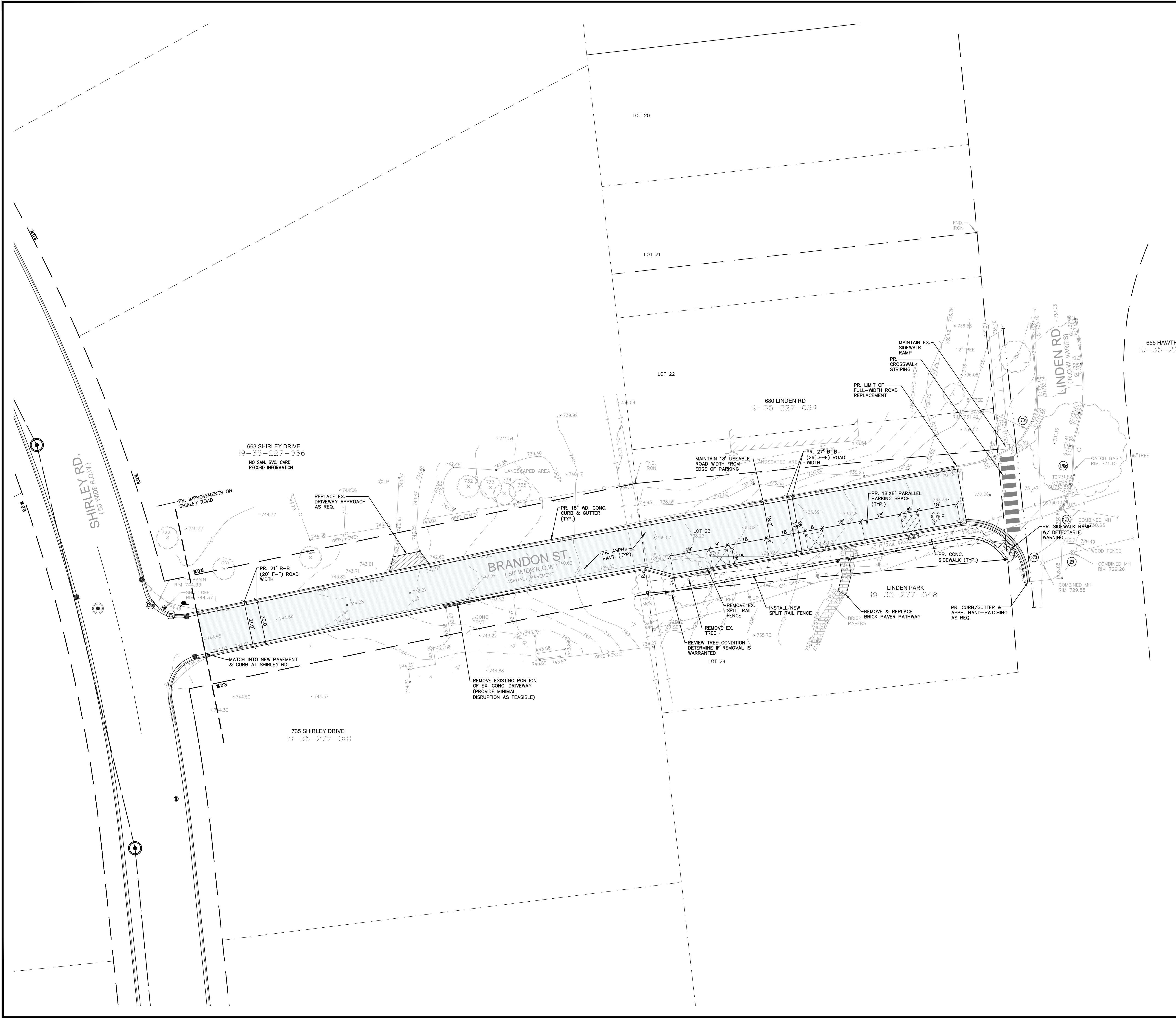
DATE ISSUED/REVISED  
 02-09-24 ISSUED SURVEY  
 02-29-24 BRANDON STREET CONCEPT PLANS

DRAWN BY:  
 K. Saleski  
 DESIGNED BY:  
 P. Tulikangas  
 APPROVED BY:  
 B. Buchholz

DATE:  
 February 8, 2024

SCALE: 1" = 20'

NFE JOB NO. SHEET NO.  
 N758 1 of 1



**PAVING LEGEND**

	PROPOSED CONCRETE PAVEMENT
	PROPOSED ASPHALT PAVEMENT

**LEGEND**

	MANHOLE		EXISTING SANITARY SEWER
	HYDRANT		SAN. CLEAN OUT
	MANHOLE CATCH BASIN		EXISTING WATERMAIN
	UTILITY POLE		EXISTING STORM SEWER
	GUY POLE		EX. R. Y. CATCH BASIN
	GUY WIRE		EXISTING BURIED CABLES
	C.O.		OVERHEAD LINES
	HYDRANT		LIGHT POLE
	INLET		SIGN
	C.B.		EXISTING GAS MAIN
	MANHOLE		PR. SANITARY SEWER
	GATE VALVE		PR. WATER MAIN
	MANHOLE		PR. STORM SEWER
	MANHOLE		PR. R. Y. CATCH BASIN
	PROPOSED LIGHT POLE		
	TC 600.00		PR. TOP OF CURB ELEVATION
	GU 600.00		PR. GUTTER ELEVATION
	TW 600.00		PR. TOP OF WALK ELEVATION
	TP 600.00		PR. TOP OF P.V.M.T. ELEVATION
	FG 600.00		FINISH GRADE ELEVATION









## MEMORANDUM

Department of Public Services

DATE: February 26, 2024

TO: Parks and Recreation Board

FROM: Carrie Laird, Parks and Recreation Manager  
Scott Zielinski, DPS Director

SUBJECT: Professional Design Services- Booth Park Entry Plaza & Trail Improvements

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### INTRODUCTION:

The City is seeking a recommendation from the Parks and Recreation Board to help with the selection of the consultant for Professional Design Services for the Booth Park Entry Plaza and Trail Improvements project.

### BACKGROUND:

Birmingham's Trail Improvement Concept Plan (TICP) was approved by the City Commission in September 2023. At that time, the City Commission authorized staff to pursue the development of the first phase of this plan, the Booth Park Section. In order to do so, the next step is to have landscape architectural/construction & engineering drawings and specifications prepared.

A request for proposals (RFP) was prepared for Professional Design Services for Booth Park Entry Plaza & Trail Improvements and posted to the city's procurement site, bidnet, in mid-January. A mandatory pre-bid conference was held on January 25, 2024 at Booth Park to review existing site conditions, the scope of work, and answer questions. Proposals were due on February 22, 2024 and three (3) bidders responded. Base Bid Fee Proposals are displayed below. The complete bid tabulation including alternates is attached.

<b>Company</b>	<b>Base Bid Fee Proposal</b>
PEA Group.	\$93,000
Grissim, Metz, Andriese Associates	\$137,300
MKSK	\$179,100

The base bid scope of work includes preparing architectural and engineered plans and specifications for construction that include features of the approved TICP such as but not limited to:

- An accessible seating and entry plaza designed for intensive use at the corner of Harmon and Old Woodward
- A pre-fabricated restroom facility with all utilities
- Trail entry identifier and columns, and improvements to the existing trail
- New shade trees and landscape features

- Seating and gathering space
- Rain garden or pollinator garden, interpretive signage
- Electrical outlets / lighting

Base bid proposals also include six (6) to eight (8) public meetings to review drawings and progression of drawings at various board meetings. In addition to preparing the plans and specs for this project, the selected consultant will perform administration and oversight of the construction project as part of the base bid proposal. The City requested a per meeting fee as an alternate should additional meetings be needed. Furthermore, an alternate was requested by the city for a custom built restroom facility instead of a pre-fabricated facility. Other alternates were offered by one or more of the consultants as shown in their cost proposals appended to this report.

The RFP informed the consultants that their proposals are being evaluated by a panel consisting of City staff and Board members. Representatives from DPS, Engineering, and Planning have evaluated all three (3) proposals and a summary of the scores by staff is provided.

The City is requesting at the conclusion of the review/discussion of the proposals by the Parks and Recreation Board that a recommendation is made by the Parks and Recreation Board as to which of the consultants shall be selected to interview with the City Commission at the March 18, 2024 City Commission meeting. The City Commission will select a company to award the contract to after interviews have been completed.

Upon award, a kickoff meeting with the selected Consultant will be held to review the TICP and other relevant city plans and initiatives including but not limited to the 2024-2028 Parks & Recreation Master Plan, the Birmingham 2040 Plan, the Downtown 2016 Plan, the Rouge Green Corridor Riparian & Aquatic Habitat Inventory & Management Plan, ADA Guidelines and Universal Design Principles, and Environmental/Sustainable/ Green Infrastructure Best Practices.

#### LEGAL REVIEW:

The City Attorney has conducted a review of the RFP including the agreement.

#### FISCAL IMPACT:

Remaining bond funds from the first bond issue total \$172,058. The City was awarded a \$25,000 grant from Oakland County Parks and Recreation to apply toward the pre-development of the Booth Park project including designs and specifications.

#### ATTACHMENTS:

- Complete Bid Tabulation
- Evaluation Form
- Staff score summary sheet
- Memo from Planning Director Dupuis
- Consultant Proposals

#### SUGGESTED ACTION:

To recommend (Firm's Name(s)) to be interviewed by City Commission for consideration for professional design services for the Booth Park Entry Plaza and Trail Improvements project. The Board may also, if it determines appropriate, recommend a firm for hire should they choose to.



## Professional Design Services- Booth Park Entry Plaza & Trail Improvements Bid Tabulation

Company	PEA Group	GMA	MKSK
<b>Base Bid Fee Proposal</b>	<b>\$93,000</b>	<b>\$137,300</b>	<b>\$179,100</b>
Alternate-H & H Study	\$45,000 (max)	\$29,800	\$14,000
Alternate - Add'tl Mtgs	\$580/mtg in-person \$285/mtg virtual	\$1,150	\$2,500 (in-person)
Alternate #1- Custom Restroom	\$10,000 (estimate) add'tl fee for owner approved custom restroom design (tbd)	\$23,000 Custom Restroom Building Design, Construct Docs & Contract Admin (upcharge to prefab design in base bid)	\$38,000 Custom Restroom Facility
Alternate #2		\$13,000 EV Charging Design Construct. Docs & Contract Admin	
Alternate #3			\$53,000 Wetland Report
Alternate #4			\$5,000 Add'tl Public Presentation Fee
Alternate #5			\$10,000 Public Workshop Fee (per event)
			Construction Observation/Field Visits = Hourly + Travel Expenses
<b>TOTAL w/All Alternates</b>	<b>\$148,000</b>	<b>\$204,750</b>	<b>\$323,600</b>

**EVALUATION FORM**

**PROFESSIONAL DESIGN SERVICES- BOOTH PARK ENTRY PLAZA & TRAIL IMPROVEMENTS**

*The City will utilize a qualifications-based selection process in choosing a Consultant for the completion of this work. The evaluation panel will consist of City staff, board members, and/or any other person(s) designated by the City who will evaluate the proposals.*

**NAME OF FIRM:** \_\_\_\_\_

**REVIEWER:** \_\_\_\_\_

<b>CRITERIA</b>	<b>SCORE</b>
Ability to provide services as outlined	_____ (0-25)
Firm background and personnel qualifications	_____ (0-20)
Related experience with similar projects	_____ (0-20)
Quality of materials proposed	_____ (0-20)
Consultant's certifications related to the Scope of Work	_____ (0-5)
Overall Costs	_____ (0-5)
References	_____ (0-5)
<b>TOTAL</b>	_____ (0-100)

## EVALUATION FORM

### PROFESSIONAL DESIGN SERVICES- BOOTH PARK ENTRY PLAZA & TRAIL IMPROVEMENTS

The City will utilize a qualifications-based selection process in choosing a Consultant for the completion of this work. The evaluation panel will consist of City staff, board members, and/or any other person(s) designated by the City who will evaluate the proposals.

**NAME OF FIRM:** MKSK

**REVIEWER:** City Staff Summary of MKSK

<b>CRITERIA</b>	<b>SCORE</b>
Ability to provide services as outlined	25 (0-25)
Firm background and personnel qualifications	19 (0-20)
Related experience with similar projects	19 (0-20)
Quality of materials proposed	18 (0-20)
Consultant's certifications related to the Scope of Work	4 (0-5)
Overall Costs	3 (0-5)
References	4 (0-5)
<b>TOTAL</b>	<b>93 (0-100)</b>

**NAME OF FIRM:** PEA Group

**REVIEWER:** City Staff Summary of PEA Group

<b>CRITERIA</b>	<b>SCORE</b>
Ability to provide services as outlined	24 (0-25)
Firm background and personnel qualifications	19 (0-20)
Related experience with similar projects	18 (0-20)
Quality of materials proposed	17 (0-20)
Consultant's certifications related to the Scope of Work	4 (0-5)
Overall Costs	5 (0-5)
References	4 (0-5)
<b>TOTAL</b>	<b>90 (0-100)</b>

**NAME OF FIRM:** Grissm, Metz, & Andriese Associates

**REVIEWER:** City Staff Summary of Grissm, Metz, & Andriese Associates

<b>CRITERIA</b>	<b>SCORE</b>
Ability to provide services as outlined	25 (0-25)
Firm background and personnel qualifications	19 (0-20)
Related experience with similar projects	18 (0-20)
Quality of materials proposed	17 (0-20)
Consultant's certifications related to the Scope of Work	4 (0-5)
Overall Costs	4 (0-5)
References	5 (0-5)
<b>TOTAL</b>	<b>91 (0-100)</b>



## MEMORANDUM

Planning Division

DATE: February 26, 2024

TO: Carrie Laird, Parks & Recreation Manager  
Scott Zielinski, Director of Public Services  
Parks & Recreation Board Members

FROM: Nicholas Dupuis, Planning Director

SUBJECT: Booth Park Entry Plaza and Trail Improvements & The Birmingham Plan 2040

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To aid in the development of the Booth Park Entry Plaza and Trail Improvements, the Planning Division would like to provide a brief overview of the recommendations within the Birmingham Plan 2040 ("2040 Plan") that relate to the project both directly and indirectly and could affect the overall project. The Planning Division would expect that any consultant selected for the project will refer to and consider the 2040 Plan and the recommendations within.

Booth Park is heavily discussed in the 2040 Plan in Chapter 3 – Retain Neighborhood Quality and Chapter 4 – Support Mixed-Use Districts. These discussions result in several recommendations (some of which are redundant):

- Building a cafe or vendor accommodations in Booth Park as recommended in the 2016 Downtown Plan.
- Increase the amount of seating in Shain, Booth, and the City's pocket parks with benches.
- Expand café-style seating in Shain and Booth Parks and on all widened sidewalks.
- Update the Parks and Recreation Plan, including amenities and a cafe to Booth Park.
- Install ample benches in Booth Park.
- Install a small café and public restrooms in Booth Park or services for mobile vendors, along with movable tables and chairs.
- Create a paved plaza, ideally pervious, at the entrance to Booth Park with signage and seating.

In addition to Booth Park, the 2040 Plan focuses a lot of its attention on the Rouge River Corridor in which the trail system exists, particularly in Chapter 5 – Advance Sustainability Practices. The following recommendations relating to the Rouge River Corridor could also have a big impact on the project:

- Integrate the Birmingham Museum into the Rouge River trail and park system, including more connections and signage Downtown.
- Create a Sustainability and Climate Action Plan to include support for Rouge River Natural Area improvements.
- Develop and implement a trails and access master plan to improve the Rouge River trails and trail heads. The plan should consider:
  - Installing pedestrian linkages to the park’s surrounding neighborhoods and commercial districts, including to Quarton Road.
  - Securing easements of additional key properties to expand the park area and improve its walkability, for complete ecological restoration, and universal accessibility.
  - Installing an environmentally sensitive, hard-surfaced pathway for pedestrians and cyclists along the Rouge River.
  - Expanding the extent of the trail system, crossing the river at more locations to access large portions of the natural area currently cut off.
  - Installing bridges, ramps, and other enhancements to enable access by all ages and abilities.
  - Installing other amenities such as bicycle racks, lighting, markers, seating, and signage at trail heads, and seating, markers, and interpretive features throughout the trail system.
- Develop and implement a restoration master plan to restore the Rouge River ecosystem to its natural and sustainable conditions. The plan should consider:
  - Retaining environmental scientists to inventory and analyze the Rouge corridor’s wildlife, ecology, natural systems, and pollution sources.
  - Establishing a phased enhancement time frame to stabilize riverbanks, remove invasive species, reintroduce native ground covers, wildflowers, under-story, and canopy tree species.
  - Identifying and mitigating potential pollution or chemical sources, including the existing Springdale snow storage dumping area.
- Work with area organizations and agencies to oversee, build support, and raise funding for the park’s enhancements. Consider securing corporate or philanthropic funding in exchange for special recognition.
- Work with other area and regional organizations and communities to improve the quality of the Rouge River watershed.

In closing, the Planning Division would like to emphasize that these are recommendations, not demands, and that many of these issues would likely require further study before implementation could be considered. However, as major projects such as the Booth Park Entry Plaza and Trail Improvements come up, it is essential that we have the discussions and ensure that the health of the Rouge River Corridor will be protected and improved upon.

The Planning Division will remain open to conversation throughout the entire process and will endeavor to be a partner to the Department of Public Services and Parks and Recreation Board to ensure that the City provides users of the trails, and the ecosystem itself, a project that we can all be proud of.





  
**BIRMINGHAM**  
A WALKABLE CITY

- **Design Services for Booth Park Entry Plaza and Trail Improvements**
- City of Birmingham Department of Public Services
- February 22, 2024

PEA GROUP



# PEA GROUP

7927 Nemco Way, Suite 115  
Brighton, MI 48116

517.546.8583  
peagroup.com

## RFP: Professional Design Services for Booth Park Entry Plaza and Trail Improvements

Ms. Laird:

PEA Group, teamed with Tom Roberts Architect, JMS Engineering Services, and Systems Solution Engineering, share your enthusiasm, and would be honored to join you, your commission, and the residents of Birmingham in a collaborative design effort for the addition of a multi-purpose welcoming plaza, public restrooms, and pedestrian improvements to transform this already popular destination into a celebrated community gathering place.

In recognition of the significance this project holds for the Birmingham residents, we have assembled a team of experts to work closely with you and your team to prepare schematic design through construction administration services for the Booth Park improvements. Each team member has been selected to provide specific expertise for your project and will work cohesively with your team to provide unique, innovative, and sustainable design solutions that are cost effective, low maintenance, and environmentally sensitive.

Our team has a proven record of successful award-winning park projects throughout Southeastern Michigan. Our previous experience reinforces our unmatched perspective to help us see the big picture of what elements are vital to a park's success and how a park can unify the community.

Our proposal addresses the requirements of the RFP, the Trail Improvement Concept Plan prepared by MCSA dated October 19, 2022, and information generated in our pre-bid meeting January 25, 2024. We will provide an accurate analysis and interpretation of the park site. Existing site conditions, program components, and the Concept Plan will be evaluated to ensure the park design successfully addresses the goals and objectives of the 2024-2028 Parks and Recreation Master Plan and incorporates universally accessible, equitable, and inclusive design requirements.

We will employ best management practices and soft engineering techniques to address storm drainage concerns and will effectively reduce maintenance requirements and improve wildlife habitat with cost effective, sensitive, and sustainable design solutions.

Our team welcomes the opportunity to meet with you to discuss how we can contribute to strengthening the bond between the environment, recreation, and the residents of Birmingham.

Should you have any questions or need any additional information, please contact me at 248.231.0895 or [mrussell@peagroup.com](mailto:mrussell@peagroup.com). I will serve as the primary contact for the project and am authorized to sign contracts on behalf of PEA Group.

Thank you,



Marc Russell | Senior Project Manager

Cell: 248.231.0895 | Direct: 810.900.9040 | [mrussell@peagroup.com](mailto:mrussell@peagroup.com)

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**Design Team Introduction**





## Managing Office

7927 Nemco Way, Suite 115  
Brighton, MI 48116  
517.546.8583  
peagroup.com

## Additional Locations

Auburn Hills, MI (HQ)  
Detroit, MI  
Houston, TX  
Lansing, MI  
Washington, MI

## Business Status

Privately Owned Corporation  
Incorporation in Michigan: 1961  
Fed ID: 38-1813731  
Michigan Tax ID: 800113099

## Services

Civil Engineering  
Landscape Architecture  
Land Surveying  
Geotechnical Engineering  
Ecological Consulting  
Facility Consulting

## About Us

PEA Group is an award-winning, multidisciplinary site design firm offering a full roster of services to assist our partners and clients through the site design process. Since 1947, our engineers, landscape architects, land surveyors, and consultants have been providing creative site design solutions for various projects, from parks and trails to residential and educational institutions.

Our integrated, multidisciplinary service structure allows the PEA Group's staff of 195 professionals to collaborate on all aspects of your project seamlessly. We design for real-world scenarios — bringing creativity and discipline to every project, partnering with clients to produce dynamic spaces that work beyond the moment, standing the test of time. We harness our team's shared knowledge and experience, creating solutions with the utmost attention to the fine details while always having the bigger picture in mind. We believe the best solutions are those that go beyond expectations.

### PEA Group's technical and procedural innovations on our projects include:

In-house coordination of civil, survey, geotechnical, landscape, and ecological services streamline a project, saving time and money. It also makes real-time in-house collaboration on plan sets fast and simple while avoiding the headache of sending files back and forth with consultants.

Continuous group training on the latest software and design methodology results in educated and state-of-the-art design solutions.

Our Quality Management Department is involved throughout the design process of a project. They offer value-engineering suggestions to ensure technically accurate documents.





Hines Park  
Westland, MI

### Location

2927 4th Street  
Wyandotte, MI 48192

734.250.4032

[thomasrobertsarchitect.com](http://thomasrobertsarchitect.com)

### Services

Architecture

Planning

Preservation

### About Thomas Roberts Architects

Thomas Roberts Architects (TRA) was established in 2009 by Thomas Roberts, AIA as a small practice specializing in planning and design services for historic sites and buildings.

Since its inception, the firm has selected its projects and clients carefully and collaborated closely with the region's foremost experts in the field. TRA continues to provide excellence in architecture, planning, and historic preservation; working on a growing number of diverse project types including theatres, churches, schools, office, residential, hospitality, retail, community, and civic buildings.

The firm synthesizes urban design, historic preservation, adaptive reuse, and economic development strategies for the redevelopment of stand-alone buildings and the revitalization of downtown districts. Many projects at TRA begin with an urban design plan and redevelopment strategy that pinpoints key buildings to drive the revitalization of commercial districts. TRA transforms communities' liabilities into assets and creates future visions for those communities. Additionally, TRA is a pioneer in the community engagement process, educating the public on the importance of quality design and the critical need for investment in visionary and transformative public projects. TRA has leveraged over \$150 million in investments for neglected communities and has made a significant impact on the quality of life in those communities.



### **Location**

32401 W 8-Mile Road, Suite 2-5  
Livonia, Michigan 48152  
313.399.2932  
jmsengineeringsvcs.com

### **Services**

Capacity Evaluation  
Roof  
Floor  
Member

Structural Inspections

Heavy Equipment  
Component Design

Third Party Inspections and  
Verification

Foundation Design and  
Analysis

Forensic Engineering  
Collapse  
Fire Damage  
Weather Damage

Fall Protection Systems

### **About JMS Engineering Services**

The philosophy at JMS Engineering Services is that the client-consultant experience should be pleasant, professional, and satisfying, thus leading to repeat business and continued client referrals.

JMS Engineering Services, LLC provides quality structural engineering services with experience in many project types including: educational, commercial, retail, municipal, religious, industrial, residential, and historic projects.

Established in 2004 as JMS Engineering Services, the firm underwent a reorganization in August 2009, becoming JMS Engineering Services, LLC. Since it's founding, JMS has been serving clients its engineering expertise and services as a Michigan Based Business.





### **Location**

3250 W Big Beaver Rd, Ste 305  
Troy, MI 48084  
248.2471193  
sse-mep.com

### **Services**

#### Mechanical Engineering

- HVAC
- Heat Load Calculation
- Process Piping
- Chilled Water System
- High- and Low-Pressure Steam Systems
- Fire Protection, Sprinklers, and Fire Alarms
- Waste Water Treatment Plant Design

#### Electrical Engineering

- Primary and Secondary Power Distribution Systems
- Indoor and Outdoor Lighting
- Power and Feasibility Study
- Lightning Protection
- Emergency and Standby Generators
- Substation Design
- Controls
- Data and Voice
- Sound System
- Fire Alarm System

### **About Systems Solutions Engineering**

Systems Solutions Engineering (SSE) is establishing itself at the forefront of design of mechanical, electrical, plumbing, controls, and fire protection systems for commercial, institutional, industrial, school, churches and healthcare projects.

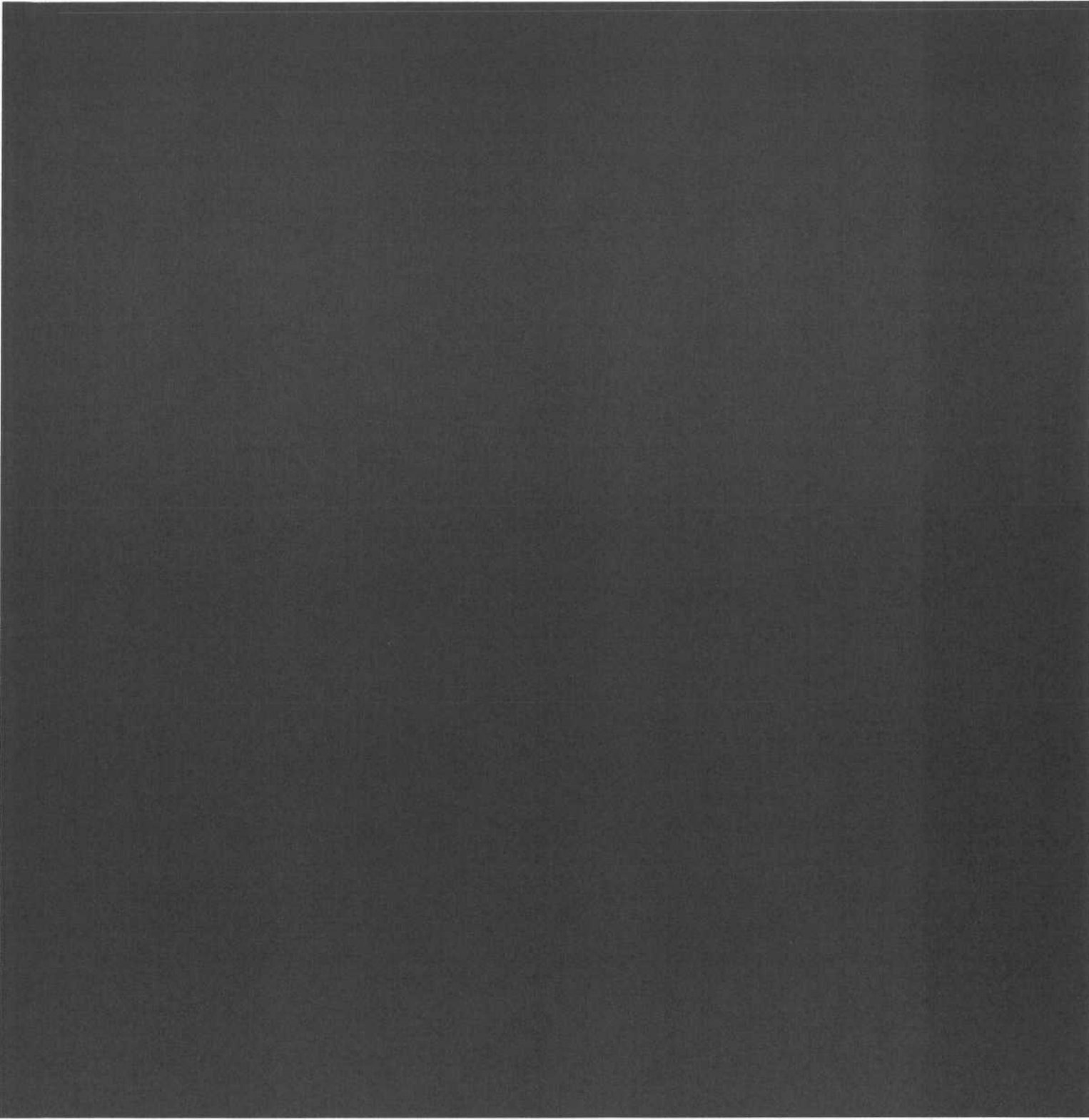
All of our engineering design projects include and integrate customer comfort, productivity, reliability and return on investment.

Quality has an exclusive meaning in our business. It includes communication, coordination, cost sensitivity, suitable system design, value addition, completeness of document, and, finally, customer satisfaction.

We spend the time to understand the needs of our customers and then help them understand the systems required to best serve their interests from a technical, financial, and conceptual standpoint. We provide options with merits and demerits as well as our suggestion.

We listen to our customers and develop the products that cater to their wants and serve their needs.



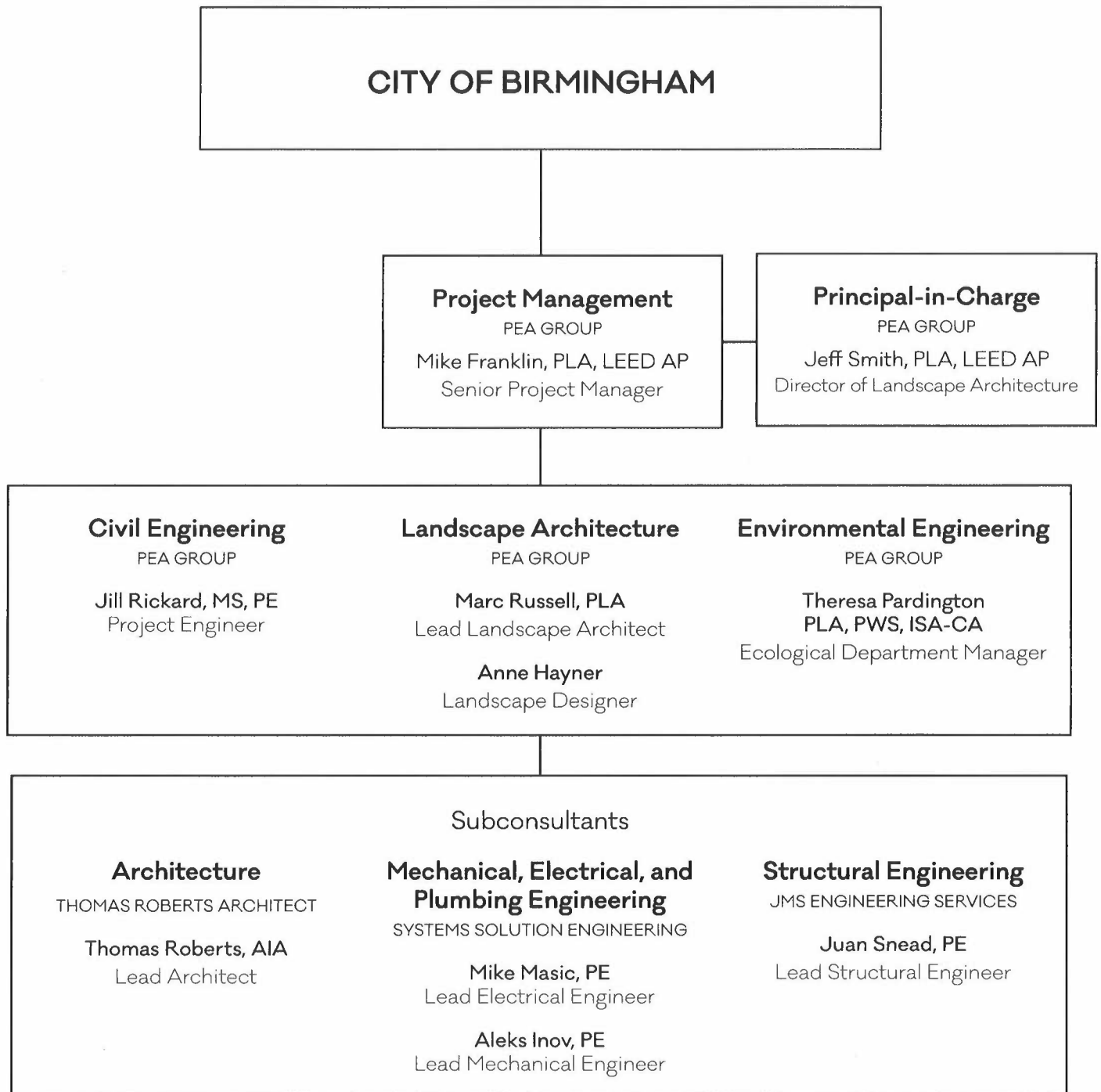


**Team Resumes**



# Organizational Chart

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# Jeffrey Smith, PLA, LEED AP

Vice President



Jeff Smith has over 25 years of experience and is an expert in sustainable site design. He has worked on a diverse range of projects, including therapeutic gardens, regional trail plans, mixed-use developments, healthcare campuses, higher education campuses, residential developments, park master plans, urban plazas, city streetscapes, and native landscape restoration. His talent for creative problem-solving and innovative design, along with his commitment to a more sustainable future, earned PEA Group the distinguished honor of being named the 2009 "Landscape Architecture Firm of the Year" by the Michigan Chapter of the American Society of Landscape Architects and a catalog of design awards in the years since.

## Education

Michigan State University,  
BLA in Landscape  
Architecture, 1997

## Licensure

Professional Landscape  
Architect:  
MI 1328, OH 0701165,  
KY 887

## Years of Practice

1997-Present

## Certifications

U.S. Green Building Council,  
LEED AP

## Professional Affiliations

American Society of  
Landscape Architects  
Council of Landscape  
Architectural Registration  
Boards

## Select Project Experience

Inkster Park Master Plan, Inkster, MI

Holliday Nature Preserve, Westland, MI

Milliken State Park Habitat Restoration, Detroit, MI

Venoy-Dorsey Boat Launches, Wayne, MI

Kimball Pines Park, Emmett, MI

Galloway Lake Park, Pontiac, MI

Riverside Park Phase 3 and 4, Detroit, MI

Lakeshore Park, Novi, MI

Fort Street Bridge Park, Detroit, MI

Gallagher Creek Nature Park, Oakland Township, MI

Catalpa Oaks Park and Pathway, Southfield, MI

The Great Lakes Way, St. Clair County, Wayne County, Monroe County,  
Macomb County, MI

Iron Belle Trail, Calhoun County, Concord, MI

Kalamazoo Riverfront Park, Battle Creek, MI

Marathon Gardens Park, Detroit, MI

Glen Oaks Golf and Conference Center, Farmington Hills, MI

Paint Creek Trail Cider Mill Connection, Oakland Township, MI

Paint Creek Trail Northern Trailhead, Oakland Township, MI

Rouge Kayak Launches, Detroit, Inkster, and Melvindale, MI

Montwell Park Master Plan, Louisburg, WV

# Michael Franklin, PLA, LEED AP

Senior Project Manager



Michael Franklin serves as a senior project manager for the landscape architecture group and is an expert in project management and architectural detailing. He has been in the landscape architectural field for 28 years and brings to PEA Group a wealth of experience in site analysis, conceptual design, construction documentation, construction administration, and facility management. His work history is quite extensive and includes healthcare, retail, parks and recreation, cultural, municipal, educational, corporate, high-end residential, multi-family residential, roof garden, artificial plant, interior, and signage design.

## Education

Purdue University, BS in  
Landscape Architecture,  
1995

## Licensure

Professional Landscape  
Architect:  
MI 1511  
TX 3654

## Years of Practice

1995-Present

## Certifications

Certified LEED Accredited  
Professional (LEED AP)

## Professional Affiliations

American Society of  
Landscape Architects

## Select Project Experience

City of Berkley DDA Streetscape and Seating Plaza, Berkley, MI

Grosse Pointe Park Kercheval Avenue Streetscape Master Plan,  
Grosse Pointe Park, MI

Fort Street Bridge Park Phase 1 and 2, Detroit, MI

Downriver Linked Greenway Gateways, Flat Rock and Detroit, MI

Downriver Linked Greenway and Iron Belle Trail Interpretive Signage,  
Downriver Communities, MI

Madison Heights Civic Center Plaza, Madison Heights, MI\*

City of Northville Town Square, Northville, MI\*

City of Farmington Downtown Farmer's Market and Riley Park,  
Farmington, MI\*

City of Farmington DDA Streetscape Re-Development, Farmington, MI\*

Downtown Main Street Motley Memorial, Village of Milford, MI\*

City of Fenton Welcome Signage, Fenton, MI\*

City of Howell Retail Parking Lot No. 1, Howell, MI\*

Holocaust Memorial Center, Farmington Hills, MI\*

Holocaust Memorial Center Box Car Exhibit, Farmington Hills, MI\*

Livonia Community Recreation Center, Livonia, MI\*

*\*Project with previous employer*

# Marc Russell, PLA

Senior Project Manager



Marc Russell has over 41 years of experience as a landscape architect. Throughout his career, he has built an extensive portfolio of successful and award-winning institutional, educational, public, and private projects throughout the Midwest, Pacific Northwest, and California.

Marc is committed to creating innovative and environmentally sensitive planning and design solutions that address programming objectives, the site's opportunities, and maintenance capabilities and resources. His hardscape and landscape design expertise have been instrumental in each project's success.

## Education

University of Oregon,  
Bachelor of Landscape  
Architecture, 1981

## Licensure

Landscape Architect:  
MI 3901001193,  
CA 2676

## Years of Practice

1982-Present

## Professional Affiliations

Council of Landscape  
Architectural Registration  
Boards #6511

## Select Project Experience

- Wagner Place Commons, Dearborn, MI
- Monroe County Museum Pocket Park, Monroe, MI
- French Landing Park and Kayak Launch, Van Buren Township, MI
- Ford Field, Northville, MI
- Millennium Park, Northville, MI
- Cabbagetown Park, Northville, MI
- Fish Hatchery Park, Northville, MI
- Amerman Elementary School, Northville, MI
- Old Village School, Northville, MI
- Ridge Road Park, Clinton Township, MI
- Kellogg Park, Plymouth, MI
- Quirk Park, Van Buren Township, MI
- Heritage Park, Canton, MI
- Waterford Oaks Park, Waterford Township, MI
- McHattie Park, South Lyon, MI
- Lafayette Park, South Lyon, MI
- Volunteer Park, South Lyon, MI
- Dodson Elementary School, Canton Township, MI
- Central Middle School, Plymouth, MI
- Buchanan Elementary School, Livonia, MI

# Anne Hayner

Landscape Designer



Anne Hayner is a recently graduated landscape designer. She is responsible for assisting with concept plans, site plans, master plan drafts, detailed development plans and specifications for building sites, landscape plantings, construction drawings, field investigation, and site analysis. Anne is proficient in ArcGIS, AutoCAD, Adobe Suite, Rhino. Additionally, she has experience with grading, stormwater management, and plant identification.

## Education

Harvard University Graduate School of Design, MLA, 2021

Williams College, BA in Environmental Science, 2015

## Years of Practice

2021-Present

## Professional Affiliations

ASLA Student Member  
MiASLA, Diversity, Equity & Inclusion Committee Member

## Select Project Experience

Fort Street Bridge Park, Detroit, MI

Venoy-Dorsey Boat Launches, Wayne County, MI

Inkster Park Kayak Launch, Inkster, Michigan

Calhoun North Branch Park and Boat Launch, Bedford, MI

Galloway Lake Park, Pontiac, MI

Iron Belle Trail Down River Linked Greenways Gap and Intersection, Wayne County, MI

Sterling State Park Fishing Pier, Monroe, MI

Indian Mounds Regional Park Cultural Landscape Report, St. Paul, MN\*

Paradise Farms, Spring, TX

Sakura, Novi, MI

Champion Forest Church, Houston, TX

Innova Apartments, Novi, MI

Pine Lake Country Club, West Bloomfield, MI

Detroit City Club Apartments, Detroit, MI

Upper Straits Boulevard, West Bloomfield, MI

King's Cove Condominiums, White Lake Township, MI



# Theresa Pardington, PLA, PWS, ISA-CA



Ecological Department Manager



Theresa Pardington is a Michigan-licensed landscape architect, professional wetland scientist, and an ISA certified arborist. She has successfully managed a variety of projects ranging in scope and complexity in both the private and public sectors. She has 24 years of experience in landscape architecture, design, site planning, and construction. Additionally, she has more than 18 years specializing in environmental design and permitting.

Theresa's work history includes projects involving wetland delineation and mitigation, as well as local, state, and federal level wetland permitting. Additionally, her experience includes stream relocation and restoration, tree surveys, design and construction observation, project bidding, and construction administration.

## Education

Michigan State University,  
BLA, Minor in Environmental  
Studies, 1999

## Licensure

Professional Landscape  
Architect:  
MI 3901001383

## Years of Practice

1999-Present

## Certifications

Certified ISA Arborist  
Professional Wetland  
Scientist Certified

## Select Project Experience

Midland Soccer Club, 10-Acre Wetland Creation and Mitigation Design, Midland, MI

Richert Residence, Shoreline and Wetland Restoration Design and Permitting, Grosse Isle, MI

Streamwood Estates, Clinton River Streambank Restoration Design and Permitting, Rochester Hills, MI

Canton Village, Stream Relocation Design and Permitting, Canton, MI

Beaumont Hospital, Tree Survey Services, Troy, MI

McLaren Lansing Campus, Wetland Permitting Assistance, Lansing, MI

Henry Ford Health System, West Bloomfield Campus, Wetland Permitting Assistance and Wetland Stream Relocation Design, MI

Lake Shore Park, Tree Survey Services, Novi, MI

10 Hill Drive Residence, Rouge River Stream Restoration Design and Wetland Permitting, West Bloomfield, MI

Gallagher Creek Park and Path, Oakland Township, MI

Lillie Park, North/1998, South/2000, North 11/2001, and East, Pittsfield Charter Township, MI Independence Lake/Water Play, Washtenaw County, MI

# Jill Rickard, MS, PE

Project Engineer



Jill Rickard has been working as a civil engineer in both the public and private sectors for more than 20 years. She received her undergraduate degree in Civil Engineering from Michigan Technological University and her master's degree in Construction Management from Eastern Michigan University. She has been actively involved with the Alliance of Rouge Communities, where she served as the vice president and treasurer.

Prior to joining PEA Group, Jill worked as the township engineer for Northville, where she was responsible for overseeing private development and public works projects.

## Education

Michigan Technological University, BS in Civil Engineering, 1994

Eastern Michigan University, MS in Construction Management, 2011

## Licensure

Professional Engineer:  
MI 6201048141

Industrial Storm Water Operator

## Years of Practice

1994-Present

## Professional Affiliations

American Society of Professional Engineers

## Select Project Experience

Iron Belle Trail, Van Buren Township, MI

Downriver Linked Greenway/Iron Belle Trail, Wayne County, MI

Gallagher Road Pathway, Oakland Township, MI

Lower Huron Metropark Iron Belle Trail Connection, Belleville, MI

Metroparks to State Parks Connector, Livingston County and Oakland County, MI

Edenderry Subdivision Water Main Extension, Northville Township, MI

Beck Road Pressure District Improvements, Northville Township, MI

Edenderry Subdivision Road Reconstruction Project, Northville Township, MI

Rouge Program Office Projects, Detention Basin Retrofits, Human Bacteriological Source Tracking, Northville Township, MI

Whipple Sanitary Sewer Project, Northville Township, MI

Homer Road Sanitary Sewer Project, Northville Township, MI

Water Modeling City of Flushing, Flushing, MI

Hydraulic Storm Water Study City of Flushing, Flushing, MI

MicroTunneling City of Ann Arbor Sanitary Sewer Project, Ann Arbor, MI

Water Distribution Improvements, Elevated Tank and Booster Station, Northville Township, MI

Bennett Arboretum Pathway, Northville, MI

Cold Water Springs Pathway, Northville, MI

6 Mile Road Pathway Rehabilitation, Northville, MI

Beck Road Pathway Rehabilitation, Northville, MI

# Thomas Roberts, AIA

Thomas Roberts Architects

Principal | Project Architect



Thomas “Tom” Roberts is regionally recognized for his expertise in architecture and historic preservation. He founded Thomas Roberts Architects in 2009. He specializes in historic rehabilitation, restoration, building assessment and survey, and adaptive re-use projects. He has successfully consulted on numerous National Register and National Historic Landmark properties throughout Michigan.

He enjoys his work and has lectured on historic preservation and design related issues. Tom is passionate about our culturally and architecturally significant historic properties and believes in the value of preserving our heritage while planning for future growth and development.

## Education

University of Detroit Mercy  
SOA, BA, 1994

## Licensure

Registered Architect:  
MI 13014051413

## Years of Practice

1994-Present

## Certifications

Certified Historic Architect:  
36CFR61

## Professional Affiliations

American Institute of  
Architects Association of  
Preservation Technology  
National Trust for Historic  
Preservation Michigan  
Historic Preservation  
Network

## Select Project Experience

*Alvah N. Belding Memorial Library, Belding MI*

Armory Arts Project, Jackson MI

*Charels Lang Freer House, Detroit MI*

Chelsea Center for the Arts Master Plan, Chelsea, MI

*Christ Church Detroit, Detroit MI*

Detroit Artists Market, Detroit MI

Detroit Golf Club, Detroit MI

*Detroit Yacht Club Facility Master Plan, Belle Isle, MI*

*Fine Arts Building, Detroit MI*

Franklin Hills Country Club, Franklin, MI

*Fyfe Building, Detroit MI*

*Gabriel Richard Building Adaptive Reuse, Detroit, MI*

Greenmead Historic Village Master Plan, Livonia, MI

*HR Finn Apartments, Detroit MI*

Immaculate Heart of Mary Campus Plan, Monroe, MI

Lebowsky Center for the Arts, Owosso, MI

*Lindley Hall Hotel, Detroit, MI*

Loyola High School, Detroit, MI

Mehlhose Ice Cream, Wyandotte MI

Michigan Theater Jackson, Jackson MI

Morris Performing Arts Center, South Bend, IN

*Italics indicate properties listed on the Notational Register of Historic Places or contributing resource in a National Historic District*



# Juan Snead, PE



President | Structural Engineer

## Education

Wayne State University, MS  
in Civil Engineering, 2002  
Wayne State University, BS in  
Civil Engineering, 1994

## Licensure

Professional Engineer:  
MI 50485, OH 73719, WI  
41933, AL 32252-E, OK  
25722, CT PEN0028500,  
TN 117906, IN PE-  
11700509, TX 129186, NJ  
24GEO4985600

## Years of Practice

1993-Present

## Certifications

National Council of  
Examiners for Engineering  
and Surveying Records No.  
45400

Certified Competent and  
Qualified Person in Fall  
Protection –Ellis Fall Safety  
Solutions

## Professional Affiliations

American Society of Civil  
Engineers  
American Society of  
Mechanical Engineers  
American Institute of Steel  
Construction

Juan Snead began his career as a steel detailer in the metro Detroit area and has worked for a few architectural and engineering firms in his career as Design Team Member, Lead Project Engineer, District Manager, and Vice President. His experiences lead him to traditional and niche areas of structural engineering which includes, building design, heavy and light equipment support, conveyor support, deep foundation and conventional foundation designs, facilities maintenance and inspections, structural evaluation, and fall protection system design.

Juan has over 30 years of combined experience with extensive knowledge in the design of steel, wood, masonry, and concrete structures which enables him to work effectively with other disciplines to develop efficient and innovative framing systems.

Juan is attentive to the client's needs and works diligently to achieve the desired project outcome while maintaining a professional, effective and reliable relationship.

## Select Project Experience

Center for Creative Studies Additions and Renovations, Structural Consultation and Steel Detailing, Detroit, MI

The Friendship Circle Additions and Renovations, Structural Consultation and Steel Detailing, Detroit, MI

Detroit Zoological Society General Renovations and Simex Theatre Renovation, Structural Consultation, Royal Oak, MI

Legoland Discovery Center, Structural Consultation, Auburn Hills, MI

The Kings Kids Christian Academy Classroom and Administrative Building, Richmond, VA

Plymouth Congregational Church Walkway Refurbishment, Concrete Re-Surface and Structural Consultation, Detroit, MI

Shrine of the Little Flower Additions and Renovations, Structural Consultation and Steel Detailing, Royal Oak, MI

Pritula Truck Bridge, Structural Consultation, Romulus, MI

Riverfront Apartments Canopy and Guard Shack Additions, Steel Detailing, Detroit, MI

Lutz Residence Garage Addition, Structural Consultation, Birmingham, MI

# Mike Masic, PE

Lead Electrical Engineer



## Education

University of Zagreb -  
Croatia, MS in Electrical  
Engineering

## Licensure

Professional Engineer:  
MI

Mike Masic serves as a Project Manager in the SSE Electrical Engineering Department. He has designed projects ranging from small renovations to complex institutional, commercial, industrial, and healthcare projects. He has been responsible for designing, preparing technical documents, and conducting construction observations, which include lighting, power, lightning protection, fire alarm systems, and communication systems. His duties include project coordination with other disciplines, lighting calculations (normal and emergency lighting), using computer software such as Genesys II and Visual, preparing calculations using the point-by-point method for state approval, and conducting short circuit and load flow calculations in building electrical systems (using ETAP software).

## Select Project Experience

Thompson Loft Apartments Renovation and Adaptive Re-use, Ypsilanti, MI  
East Main Redevelopment, Milan, MI  
Downtown Street Light Improvement Project, Ann Arbor, MI  
United Bank and Trust, Ann Arbor, MI  
Bank of Lenawee, Adrian, MI  
University Prep Science and Math High School, Detroit, MI  
Cornerstone Health and Technology High School Building Improvements, Detroit, MI  
Straith Hospital for Special Surgery Renovation, Southfield, MI  
University of Michigan Hospitals Various Renovations and Expansions, Ann Arbor, MI  
Cayman Chemical GMP Cleanroom Lab Expansion, Ann Arbor, MI  
DTE Alternate Data Center, Ann Arbor, MI  
Huron and Pioneer High School Renovation, Ann Arbor, MI  
Integrated Environment, Ann Arbor, MI  
Briggs, Philip, and Gabriel Houze Apartments, Detroit, MI  
E and B Brewery Lofts, Detroit, MI  
Wyandotte Fire Station Renovation, Wyandotte, MI  
Social Security Building, Detroit, MI  
United Foundation Building Renovation, Detroit, MI

# Aleks Inov, PE

Lead Mechanical Engineer



## Education

University of Michigan, MS in  
Mechanical Engineering

## Licensure

Professional Engineer:  
MI

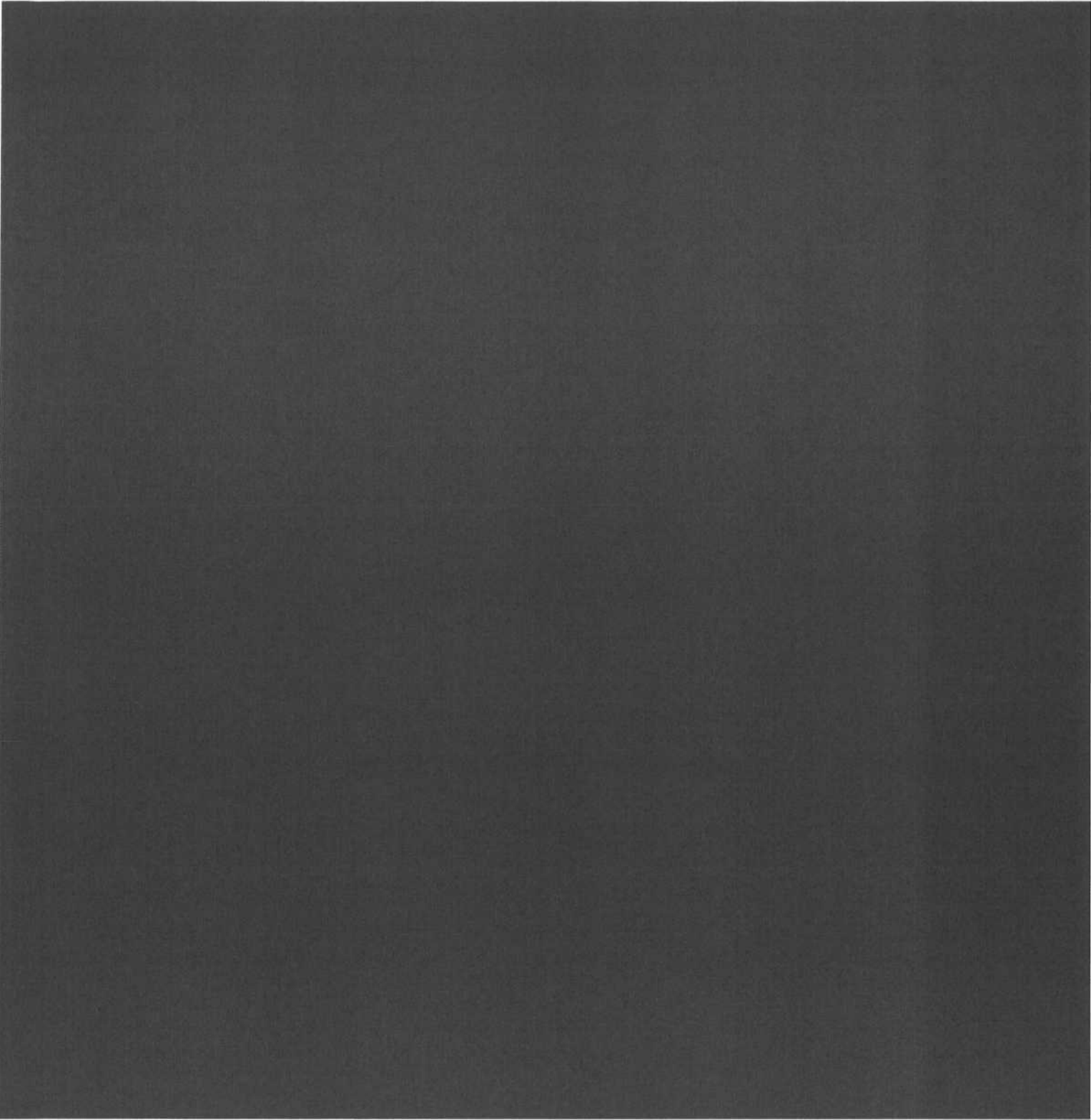
## Certifications

LEED Green Associate  
Envision Sustainability  
Professional

Aleks Inov serves as a Project Manager in the SSE Mechanical Engineering Department. He has designed projects ranging from small renovations to complex institutional, commercial, industrial, and healthcare projects. He is responsible for designing, preparing technical documents, and conducting construction observations, including heating, ventilation, and air conditioning (HVAC) and plumbing. His duties also involve project coordination with other disciplines, heating and cooling load calculation using Trane Trace 700 software, outdoor air ventilation calculation, HVAC equipment selection, compressed air system sizing, and code review.

## Select Project Experience

Thompson Loft Apartments Renovation and Adaptive Re-use, Ypsilanti, MI  
East Main Redevelopment, Milan, MI  
United Bank and Trust, Ann Arbor, MI  
Bank of Lenawee, Adrian, MI  
University Prep Science and Math High School, Detroit, MI  
Cornerstone Health and Technology High School Building Improvements, Detroit, MI  
Straith Hospital for Special Surgery Renovation, Southfield, MI  
University of Michigan Hospitals Various Renovations and Expansions, Ann Arbor, MI  
Cayman Chemical GMP Cleanroom Lab Expansion, Ann Arbor, MI  
DTE Alternate Data Center, Ann Arbor, MI  
Huron and Pioneer High School Renovation, Ann Arbor, MI  
Integrated Environment, Ann Arbor, MI  
E and B Brewery Lofts, Detroit, MI  
Wyandotte Fire Station Renovation, Wyandotte, MI  
Social Security Building, Detroit, MI  
United Foundation Building Renovation, Detroit, MI  
University of Michigan - Dearborn Student Apartments, Dearborn, MI  
Kercheval Place Shopping Mall, Grosse Pointe, MI  
Commons Romeo Strip Mall, Romeo, MI  
St. Peter Church, Macomb, MI  
Delphi Computer Room, Troy, MI



## **Project Experience**



## Project Experience



Our design team's overarching goal through site design is to enhance the character of a space while providing access to recreation opportunities for all walks of life. We pride ourselves on working closely with communities through every step of the process to ensure that user and stakeholder input is incorporated. Through comprehensive services at all stages of a project, our talented team of award-winning landscape architects, engineers, and designers focuses on providing accessibility for all, environmental sustainability, ease of use, and long-term durability of site features.

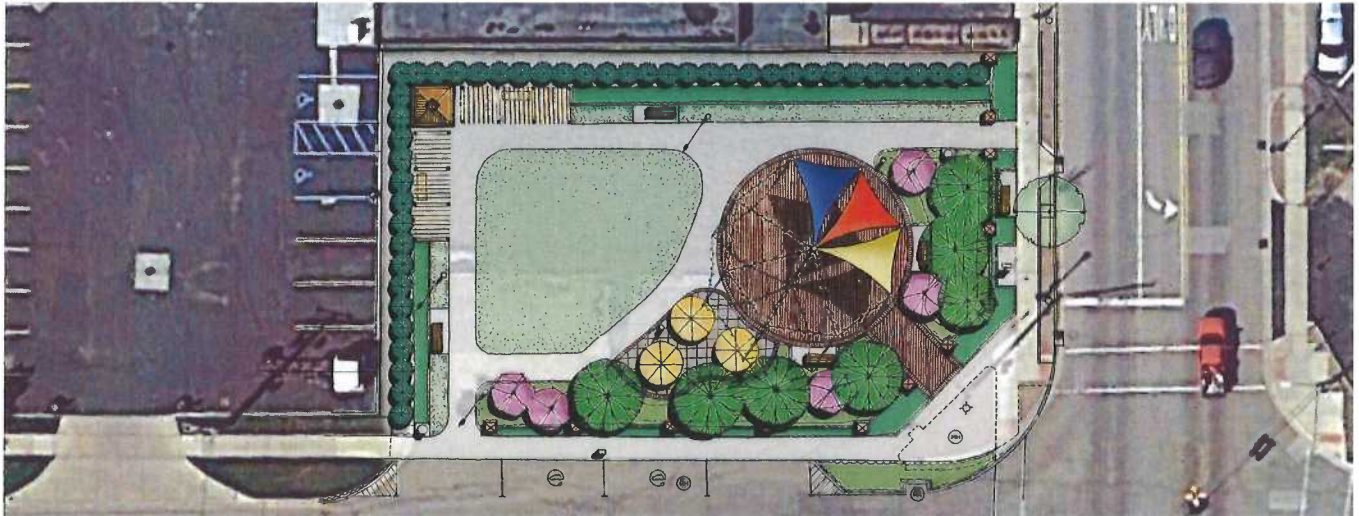
The following project sheets are a snapshot of our extensive parks and recreation portfolio.



Riverside Park, Detroit, MI



# Lafayette Park



The City of South Lyon acquired the half-acre parcel on the northeast corner of Lafayette Street and McHattie Street, clearing a vacant building to make way for Lafayette Park.

The park's perimeter is bordered by public sidewalks and a new parallel parking area to the south, primed for potential EV parking and charging stations. Equally spaced masonry piers and aluminum fencing enhance formality and safety, harmonizing with the existing streetscape. Welcoming pedestrians are masonry piers at each entry point from Lafayette Street, McHattie Street, and the intersection, accompanied by benches, companion seating, and community bulletin boards.

To ensure safety and utility access, the entry at the corner is set back from the street. Decorative paving leads from this corner to a multi-purpose open area adorned with colorful shade sails and string lights, offering a vibrant and inviting atmosphere for evening events and vendor participation.

The park's east and south sides feature slight berms and native trees, mitigating traffic noise and softening park views. On the south side, a raised area accommodates tables, umbrellas, and movable chairs. Westward lies a spacious synthetic turf area for art displays and additional activities, bordered by manicured evergreen hedges that shield unsightly views.

Throughout the park, amenities such as bench seating, trash receptacles, charging stations, and free Wi-Fi are strategically placed. At the northwest corner stands an open-air pergola with swinging benches and a structure housing an accessible family restroom. LED light fixtures ensure safe illumination during evening hours.

These enhancements position Lafayette Park as a welcoming southern gateway to South Lyon, offering residents and visitors a tranquil space for leisurely strolls, art appreciation, musical enjoyment, or a peaceful morning coffee.

## Location

South Lyon, MI

## Client

South Lyon Parks and Recreation Commission

## Services Provided

Master planning



# Kellogg Park



Kellogg Park is a one-acre park located in the heart of downtown Plymouth. PEA Group (Formerly Russell Design) provided the landscape architecture for the park.

A lighted, traditionally designed fountain anchors Kellogg Park. Brick walkways stretching to the street corners and adjacent parking areas provide uninterrupted access to open gathering areas and to the seasonal festivals and summer concert series. In 2015 the city developed a master plan for the park; however, to date, none of these conceptual ideas have been realized.

**Location**  
Plymouth, Michigan

**Client**  
Plymouth DDA

**Services Provided**  
Landscape architecture





# Waterford Oaks Park



Waterford Oaks, located in Waterford Township, resides on the ancestral lands of the Ojibwe, Odawa, and Potawatomi. Waterford Oaks is approximately 186 acres and offers diverse recreational opportunities, including a water park, BMX track, over 3 miles of hiking trails, an accessible playscape, platform tennis courts, and a sledding hill. The park is bisected by a large wetland that allows native flora and fauna habitats to flourish.

In 2015, Oakland County Parks invited landscape architecture firms to participate in a formal design competition. The goal of the competition was to leverage the expertise of multiple designers to develop a park master plan based on the park vision and facility concepts set forth by the Oakland County Parks and Recreation Commission. PEA Group (formerly Russell Design) was awarded first place after thoroughly addressing numerous important issues, including circulation, parking, universal design, diversity, stormwater BMPs, and public engagement.

PEA Group's winning concept was driven not by trends but by well-crafted design principles rooted in history, timelessness, fiscal responsibility, and sensitivity to the existing natural systems.

## **Location**

Waterford Township, MI

## **Client**

Oakland County Parks and Recreation Commission

## **Services Provided**

Master Planning

# Wagner Place Commons



A once-forgotten, barren parking lot in downtown Dearborn has been transformed into two new mixed-use buildings, enhanced by outdoor green spaces with benches, contributing to improved walkability in the downtown area and connecting adjacent streets to Michigan Avenue.



Plantings along the Michigan Avenue curb serve as a buffer for pedestrians and outdoor dining spaces, shielding them from fast-moving traffic. Monroe Street, which separates the two buildings, is periodically closed to accommodate a farmers' market or other programmed events, reinforcing the connection between the two outdoor spaces.



On the southern edge of the west building, West Village Drive acts as an anchor and has been designed as a festival street, featuring decorative paving and festoon lighting overhead. This street can also be temporarily closed to welcome programmed events, allowing activities to spill into the street.

The shared open spaces, adorned with commissioned sculpture pieces, decorative paving ribbons, small performance areas, and versatile green spaces, offer Ford and West Dearborn District employees park-like settings in the downtown core. This enables individuals to immerse themselves, either individually or in groups, in various scheduled events, including lunchtime activities, movie nights, and programmed festivals orchestrated by the City of Dearborn Downtown Development Authority.

**Location**  
Dearborn, Michigan

**Client**  
Neumann Smith Architecture

**Services Provided**  
Landscape Architecture





# Monroe County Museum Pocket Park



The Monroe County Museum Pocket Park was envisioned as a key project to kickstart the implementation of the previously approved Heart of Monroe Study. Situated between the Monroe County Museum and the Raisin River Centre of the Arts, just east of the Historical Society, the project site was transformed by the Monroe Downtown Development in collaboration with PEA Group in 2022. The goal was to convert the existing parking lot into a dynamic, multi-functional public space that connects Monroe Street to the existing alley and the future Heart of Monroe pedestrian corridor, linking this cultural hub to the River Raisin waterfront to the north.

Through the addition of decorative paving, festival lighting, and pedestrian amenities, this once unattractive area has been revitalized into a fully accessible multi-use space. It now offers opportunities for public events to thrive in this urban setting. The park serves as an ideal location to enjoy music, seasonal festivals, and provides seating for small groups and individuals to relax with a coffee or lunch.

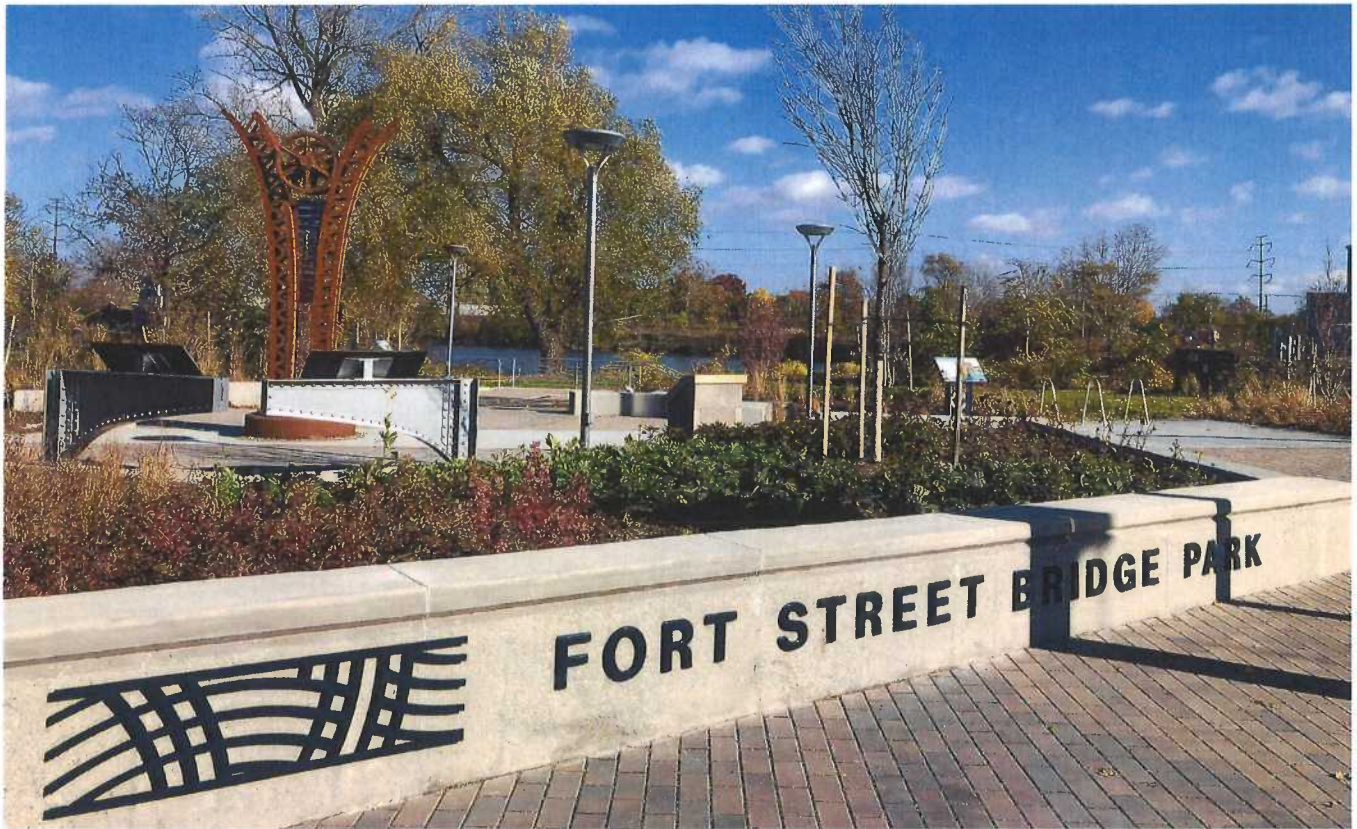
**Location**  
Monroe, Michigan

**Client**  
Monroe MI Downtown  
Development Authority (DDA)

**Services Provided**  
Landscape architecture



# Fort Street Bridge Park



The Fort-Rouge Gateway Partnership initiated discussions among local and state stakeholders for a transformative park near the Fort Street Bridge over the Rouge River in southwest Detroit. PEA Group finalized plans for a pocket park on MDOT-owned property, featuring a gathering plaza, a 1932 Hunger March interpretation, interactive stormwater demo, habitat enhancements, and a kayak launch. The plaza's sculptural focal points were crafted from salvaged materials of the former bridge. Marathon Petroleum Company and MotorCities National Heritage Areas collaborated with PEA Group on construction documents, interpretive signage, and construction administration for the initial park phase.



## Location

Detroit, Michigan

## Client

Fort-Rouge Gateway in partnership with Marathon Petroleum Corporation and MotorCities National Heritage Areas

## Services Provided

Site inventory and analysis, conceptual planning, cost estimating, site plan approval, construction documents, construction administration, and fundraising assistance

**PEA**  
GROUP



# Wayne County Community College Downtown Campus Site and Landscape Modernization Project



## Location

Detroit, Michigan

## Client

WCCOD Facilities Support Services

## Services Provided

Site analysis, design guidelines, preliminary concept sketches, and final conceptual master plan



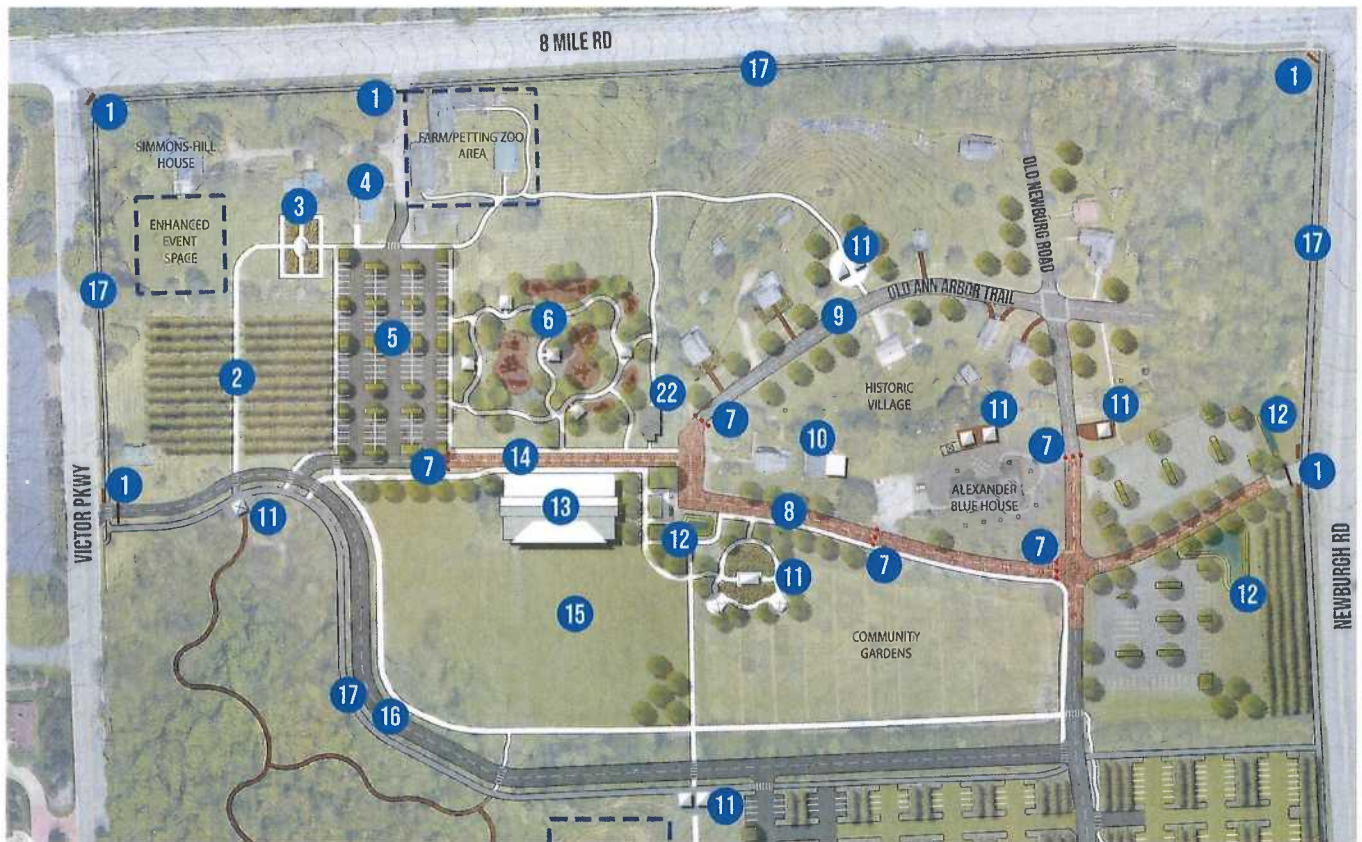
PEA Group provided Wayne County Community College District (WCCCD) with an in-depth visual analysis of the existing site conditions and use of the property. A graphic report demonstrated the strengths, weaknesses, and opportunities of the existing site including:

- "Wow" factor assessment
- Indoor and outdoor relationships
- Below grade utilities and site feature impacts
- "Greening" opportunities
- Wayfinding and service functionality
- Parking capacity, student needs, staff co-mingling
- Networking and multi-purpose event space opportunities

After receiving input, PEA Group prepared several concept sketches to convey the campus improvement options based on the site analysis. A final conceptual master plan and cost opinion illustrated the following proposed improvements:

- New pedestrian plaza
- Outdoor amenities
- Landscaping
- Signage
- Site furnishings
- Other features intended to improve the outdoor campus space

# Greenmead Historical Park Master Plan



Greenmead Historical Park is a nearly 200-year-old, 95-acre historical park purchased by the City of Livonia in 1976 and operated by the City of Livonia's Parks and Recreation Department. The park includes the historical Greenmead Farm and its outbuildings, a 13-building historical village, Greenmead Community Garden, Virginia B. Matley Nature Trail, and soccer fields. Special events are hosted on the grounds of the historical village, including weddings. The campus master plan illustrates the physical improvements envisioned for the park over the next twenty years including a new central plaza that is located between the two main historical features – Greenmead Farm and the Historical Village; a rehabilitated Nankin Mills/Perrinsville School to house interpretive exhibits; a natural playground; and a new multi-season pavilion. The pavilion will include a covered ice-skating rink in the winter and a covered event space in the summer along with a stage that can face either onto a large open lawn or face into the pavilion. The pavilion will be designed to appear like a large barn structure so that its appearance fits into this historic landscape.

## Location

Livonia, Michigan

## Client

City of Livonia

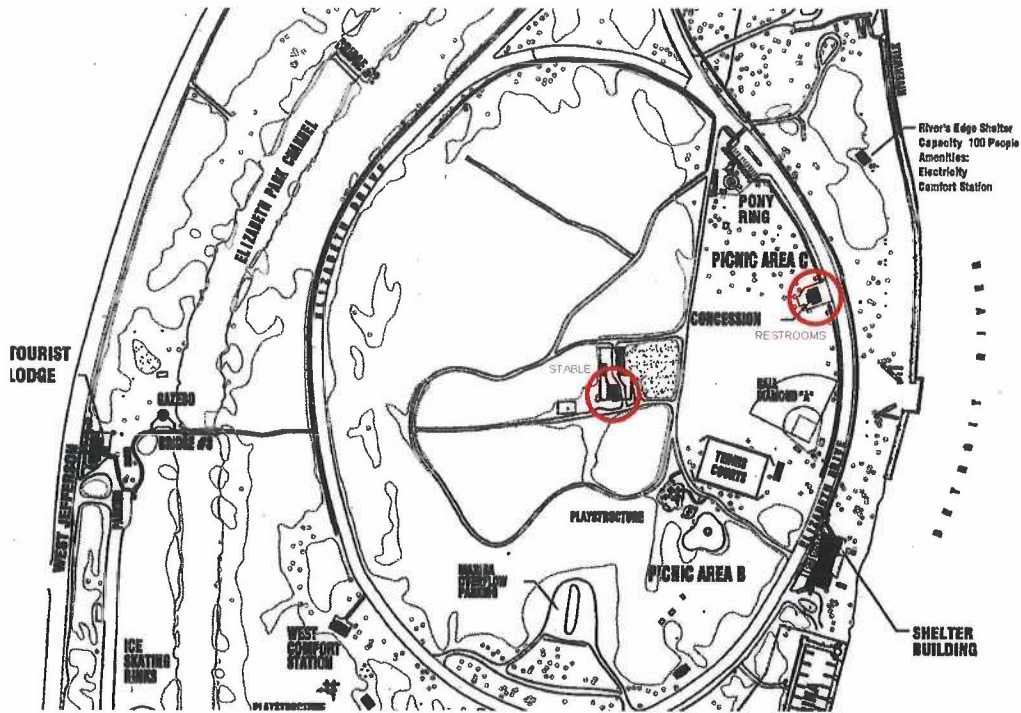
## Services Provided

Planning, architecture, and historic preservation

Thomas Roberts **Architects**



# Elizabeth Park Concession and Stables Restoration



Elizabeth Park, the first County Park in the State of Michigan, is a 162-acre emerald jewel along the banks of the Detroit River, and features over 1,300 feet of river walk for fishing and river watching. There are two picnic areas with shelters, sports fields, playgrounds, and a 52-slip transient marina and boat launch.

The restroom renovation project consisted of converting an existing masonry single-story 722 square foot concessions building into public restrooms; including a vestibule with vending machines, men and women multi-stall restrooms, and maintenance/utility space. In addition, the existing shingled mansard roof will be replaced with a new flat roof with metal guardrail between brick piers as originally designed. Exterior openings will be modified to accommodate the new use, although new brick, doors, and windows will match the historic character of the existing elements. Site work includes the repair/replacement of select concrete paving and the replacement of the asphalt driveway with a restored lawn area.

The stable was built in 1927. Its renovation will include site grading and fencing, new doors and restored windows, brick masonry and slate roofing repairs, new MEP systems, and new pony stalls and restroom within its 1,200-square-foot interior.



## Location

Trenton, Michigan

## Client

Wayne County Parks

## Services Provided

Planning, architecture, and historic preservation

**Thomas Roberts Architects**





## References

## References

• • •



### City of Monroe

**Contact:** Mark Cochran, Director of Economic and Community Development

**Address:** 120 East First Street, Monroe, MI 48161

**Phone:** 734.384.9129

**Email:** mark.cochran@monoremi.gov



### City of South Lyon

**Contact:** Paul Zelenak, City Manager

**Address:** 335 South Warren Street, South Lyon, MI 48178

**Phone:** 248.437.1735

**Email:** pzelenak@southlynmi.org



### City of Plymouth

**Contact:** Paul Sincock, City Manager

**Address:** 201 South main Street, Plymouth, MI 48170

**Phone:** 724.453.1234

**Email:** psincock@plymouthmi.org



## **Project Understanding**

## Project Understanding



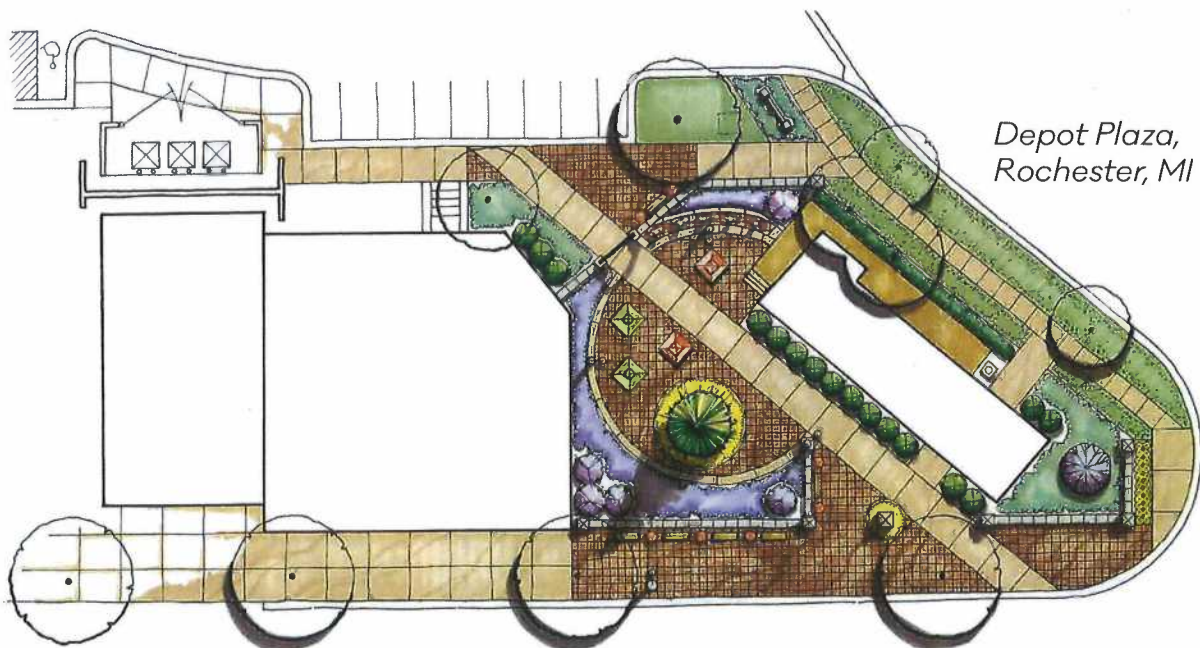
We understand the City of Birmingham wishes to engage a professional consultant to provide a topographic survey and detailed construction documentation, construction staking, and construction administration services for the Booth Park Entry Plaza and Trail Improvements. We also understand that the final design plan will be developed in accordance with The Trail Improvement Concept Plan (TICP), as well as the concept plan for Booth Park dated June 2023. Our proposal is based on the RFP published by the City of Birmingham on January 10, 2024, information gathered at the pre-bid meeting on January 25, 2024, and subsequent clarifying information.

We have reviewed our backlog of work and feel we have the qualified staff to complete the proposed scope of work and meet the project timeline.

Working closely with the Birmingham Parks and Recreation staff and Board members, City Commissions, officials, and stakeholders we will collectively review the provided concept plan and minutes from board and commission meetings to gain design direction and consensus. We will also consider the goals and objectives for Booth Park and the Trail Improvements outlined in the 2024-2028 Parks and Recreation Master Plan.

As outlined in the Scope of Work section in the RFP, we shall provide the following services:

- Conduct and prepare a topographic survey of the area. As discussed in the pre-bid meeting the area will include the area immediately within Booth Park. However, since the scope of work does not include the playground and amphitheater area we will provide spot elevations as necessary to ensure the proposed work blends seamlessly with adjacent existing conditions.
- Design and document a celebrated accessible entry to Booth Park that is integrated into a larger and welcoming plaza inviting individual park users and a gathering space for civic events and festivals.





- Incorporate seating opportunities for individual contemplation, small group conversation and multiple seating options in heavy use areas. All seating areas will be designed with adjacent companion seating area for patrons using mobility devices or a place for moms to park their stroller. We will work collaboratively with you and the benefactor to design a custom donation bench and select a location within the overall design of the plaza.
- Design and document the location accessible pre-fab restroom facility. We will use precedent images provided in the Trail Improvement Concept Plan as a basis of design but will work with you to finalize and select the manufacturer and any additional fenestrations to enhance the aesthetic quality of the structure. In addition to the pre-fab facility. As requested we will also provide an alternative price to design a "stick-built" restroom facility that incorporates similar design programming and components. Our team will provide necessary coordination with the city to ensure utility availability and capacity.
- Design and document a trail entry feature and wayfinding signage that complies with universal design principles by providing visual, audio, and tactile components into the design.
- Design and document improvements to the existing trail within the project limits to provide universal accessibility to support and promote public awareness of the complexities of the outdoor environment and its connectivity to human health.
- Incorporate native plantings into the park design to provide seasonal interest, shade, and improved wildlife habitat. Our proposed diverse native plant palette will reduce the dependency on fertilizers and conventional irrigation systems to help reduce maintenance requirements.
- Design will harmoniously into the natural environment. We will employ sustainable design principles to ensure the proposed program and existing uses protect and enhance environmentally sensitive areas while using sustainable strategies to provide energy efficient, cost-effective design solutions.
- Design and document and locate electrical outlets in strategic locations convenient to the park user. We will also explore additional opportunities for path lighting and if deemed necessary we will select fixture type, and locations.
- Design and document and locate up to six EV charging stations. We will collaborate with you and city staff to determine the optimal vendor and location.
- Prepare permit applications for all applicable state, county, and local permits necessary for the implementation of the approved design
- Assist the Parks and Recreation staff with the preparation of presentation graphics for meetings with the Parks and Recreation Board, Planning Commission, and City Commission. We also understand that site plan approval is not required for this project and that the meetings and resulting discussions will be for informational purposes only.
- It appears that the proposed work illustrated on the Concept Plan for Booth Park is outside of the FEMA-designated floodway and the majority of the proposed work is outside of the 100-year floodplain. However, a small portion of the proposed work at the corner of North Old Woodward and Harmon does fall within the 100-year floodplain and will require a permit from EGLE and possibly a Letter of Map Revision from FEMA.
- If necessary, we will conduct and document a hydraulic and hydrological study for the Rouge River. Based on our experience and information gathered from EGLE and FEMA it appears that this study may not be necessary unless we are working within the floodway.



## Scope of Work

# Scope of Work

. . .

## **Data Collection and Programming**

The first phase of the project is to establish a good working relationship with the client, understand their wants and needs and to maximize the potential for the site by developing a thorough understanding of its opportunities and limitations. This will be achieved by the following steps:

A project kick-off meeting with the committee and design team will be arranged to fully ascertain project scope, communication procedures, committee approval processes, budget, scheduling, and deliverables.

Following the kick-off meeting, and on the same day, we will conduct a site visit with the committee to discuss the programming and existing conceptual design relative to the existing conditions, adjacent uses, circulation patterns, and environmental factors to determine if any modifications to the conceptual plan need to be addressed.

PEA Group will conduct a thorough topographic and tree survey of the area. We will also provide existing utility locations, geotechnical soils investigation.

We assume any existing documentation relating to or impacting the project will be provided by the committee and be forwarded electronically to our office.

We will further visit the site to assess the existing conditions, and to become familiar with the existing physical attributes of the project and determine the extent of any additional data requirements.

## **Flood Plain Study**

We will fully evaluate the impact of the proposed park improvements on the existing Committee of Birmingham floodplain for the Rouge River as designated on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM). If the park improvements encroach into the FEMA designated floodplain, but not the floodway, then we will determine the required compensatory floodplain cut volume to balance the proposed floodplain fill volume outside the floodway and prepare the required documentation to revise the floodplain as shown on the FIRM to obtain a Letter of Map Revision (LOMR). We will submit the LOMR to be approved by the Committee, EGLE and FEMA. However, currently we only anticipate proposed improvements and fill within the FEMA designated floodplain and not the floodway. Therefore, we are proposing to provide compensatory floodplain cut to balance the proposed floodplain fill volume outside the floodway and do not anticipate having to model the floodplain revisions.

## **Hydrologic and Hydraulic Study (if required)**

If the proposed park improvements encroach into the effective Floodway, we will prepare a hydrologic and hydraulic study using existing hydrologic data and a copy of the existing hydraulic model, obtained from FEMA, to analyze the proposed park improvements impact on the floodplain and floodway. Using the results of our study, we will revise the floodplain and floodway as needed to reflect the impact of the park improvements. We will prepare a report and the necessary documentation to obtain a LOMR for the revised floodplain. We will submit the LOMR to be approved by the Committee, EGLE and FEMA.



If the existing 2006 hydrologic data is determined to be out of date and if requested by EGLE to be updated, then in addition to a hydraulic study, we will prepare a hydrologic study of the upstream Rouge River basin to determine the discharges at the project site.

**Deliverable(s)**

Topographic and Tree survey  
Utility Location Plan  
Geotechnical Soils investigation  
Flood Study and Letter of Map Revision (LOMR)  
Hydrologic and Hydraulic Study (if required)

**Fee Proposal**

All work conducted in this phase, outside of the Topographic, Tree, Flood Plain, Hydrologic and Hydraulic Studies, will be captured in the Construction Plans and Meetings line items as identified on Attachment C – Cost Proposal.

**Project Timeline**

Start March 18 and complete by April 12 (4 Weeks)

**Schematic Design**

The next phase will build upon the discoveries and decisions that were made during the previous phase.

After further discussion with the client, a clear design direction will be finalized and a more detailed plan with developed design elements and imagery will be presented for review and approval. This will be achieved through the following steps:

PEA Group will take the comments from meetings with the committee and pertinent gathered information and propose a schematic design that illustrates site circulation and the functional relationships between existing features and proposed improvements. We will further develop the existing conceptual design with additional precedent images, elevations, and sections to better express the proposed schematic design. We will also begin more intensive communication with the other disciplines including landscape, architectural, civil, mechanical, electrical, lighting, and structural to begin constructive dialogue and collaboration.

The finalized schematic design will be reviewed and a further developed cost estimate will be defined that identifies specific project elements and construction costs.

PEA Group will meet with the committee in-person to present and discuss the updated schematic design and cost estimate. Feedback and comments from the meeting will be documented for final revisions.

The comments from the review meeting will be gathered and reviewed. Final revisions to the schematic design package will be implemented and submitted to the committee for final review and approval.

If necessary, we will attend a follow-up meeting with the committee to present the revised schematic plan for formal approval.

**Deliverable(s)**

Initial schematic design with a graphic plan, precedent images, supplemental graphics and cost estimate  
Final schematic design per committee comments for review and approval

**Fee Proposal**

All work conducted in this phase will be captured in the Construction Plans and Meetings line items as identified on Attachment C – Cost Proposal.

**Project Timeline**

Start April 15 and complete by May 10 (4 Weeks)

**Design Development**

During this phase, results from the schematic design will be taken one step further. With all the broad design decisions completed, this phase involves defining all aspects of the project by focusing on the selection of materials, finishes and colors, as well as the development of the preliminary construction plans and details. This will be achieved through the following steps:

Design development documents will be generated and will include plans and details. PEA Group will research all proposed hardscape and landscape materials and accessories. We will work closely with the committee to develop the layout and detailing of all pedestrian hardscape and landscape areas as well as site amenities, furniture, and pedestrian related elements. We will prepare the grading and drainage design and Soil Erosion and Sedimentation Control to be submitted to the county for review and approval. We will further develop the architectural and utility plans and details required for the site structures. An in-house coordination process will occur between all disciplines to generate a complete and coordinated set. Documents will be submitted to the committee for review and discussion.

PEA Group will present the design development set to the committee and will address any concerns or questions. Comments from the review meeting will be documented and applied to the drawing set.

The cost estimate will be reviewed and revised to reflect any modifications to the design. Any cost-saving techniques and procedures will be evaluated.

We assume preparation and submission of site plan approval documents will not be required and has not been included in the proposal.

**Deliverable(s)**

Design Development documents that include plans and details  
Updated cost estimate  
Soil Erosion and Sedimentation Control plan

**Fee Proposal**

All work conducted in this phase will be captured in the Construction Plans and Meetings line items as identified on Attachment C – Cost Proposal.

**Project Timeline**

Start May 13 and complete by June 7 (4 Weeks)

**Construction Documents**

During this phase, generation of the final construction documents will begin. The construction document phase produces drawings with a higher level of detail and will be used for the construction of the project. These drawings will include detailed plans and specifications. The construction documents will be consistent with the project program, construction cost estimate and schedule. Once completed, the CDs will be sent to client for bidding as well as the appropriate municipal departments for permitting.

Construction documents will be generated and will include plans, details and technical specifications. Documents will be completed to a 50%, and 90% level and submitted to the committee for review and discussion. We will perform a final design review to ensure that all discipline and document coordination is complete.

We assume front-end specifications will be provided by the owner.

PEA Group will present the documents at a 50% and 90% level to the committee and will address any final concerns or questions. Comments from these review meetings will be documented and applied to the final 100% complete set.

The cost estimate will be reviewed and revised one last time and submitted to the committee for final review and discussion. Any cost-saving techniques and procedures will be evaluated.

PEA Group will provide 100% complete construction drawings for permitting and will submit to the appropriate agencies for review and approval.

**Deliverable(s)**

Construction documents that include plans, details, and technical specifications  
Final cost estimate  
Document set for permit submission

**Fee Proposal**

All work conducted in this phase will be captured in the Construction Plans, Specifications, Permits and Meetings line items as identified on Attachment C – Cost Proposal.

**Project Timeline**

Start June 10 and complete by July 10 (4.5 Weeks)

**Bid Assistance and Review**

PEA Group will assist the committee with the development and assembly of the completed bid package document including the owner provided front-end documents.

We will attend the pre-bid meeting

We will prepare addendums during bidding as required and interpret drawings and specifications as required to clarify the intent of construction documents.

We will assist the committee to evaluate all submitted bid prices and subcontractor qualifications. If following our evaluation and if required, we will provide a recommendation letter for Recreation Board and City Commission approval.

**Deliverable(s)**

Bid analysis review

**Fee Proposal**

All work conducted in this phase will be captured in the Construction Plans line item as identified on Attachment C – Cost Proposal.

**Project Timeline**

Start July 11 and complete by August 6 (4 Weeks)



## **Construction Administration**

In the final phase the design professional will act as the client agent to ensure the design is installed per plans and specifications. This will be achieved by the following steps:

PEA Group will attend an on-site pre-construction meeting with the selected contractor and committee officials to discuss the scope, schedule, and specific details of the project.

PEA Group will review all project submittals and shop drawings, provide clarification of the construction documents and requests for additional information (RFI), and finally issue change orders and bulletins.

We have not included any trips to local nurseries and supply yards to approve plant material and other miscellaneous materials and will approve those items by virtual methods.

During construction, we will visit the site periodically to review construction progress and to assist in the resolution of any construction issues related to the scope of services defined by this proposal. We have included six bi-weekly on-site meetings. Any additional owner approved on-site meetings will be billed on an hourly basis.

This phase does not include full-time inspections or construction engineering services. We understand that the city will provide the necessary site visits to review and approve the installed work.

At the completion of the construction, we will conduct a preliminary site walk with the owner and the contractor to review all installed work. Following completion of corrected items documented in the preliminary site walk, we will conduct a follow-up meeting and determine if the project is complete. Following completion and approval of the corrected items, the warranty and maintenance period will begin.

### **Deliverable(s)**

Administrative documentation of reviews, approvals, changes, and clarifications.

Site reports

Preliminary and final punch lists

### **Fee Proposal**

All work conducted in this phase will be captured in the Construction Administration line item as identified on Attachment C – Cost Proposal.

### **Project Timeline**

Per the RFP description, construction is to begin in Spring of 2025. However, the contractor may elect to begin construction in the fall of 2024.



## Project Timeline

# Project Timeline



	2024												2025							
	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	
<b>Data Collection and Programming</b>		█	█																	
<b>Schematic Design</b>			█	█																
<b>Design Development</b>				█	█															
<b>Construction Documents</b>					█	█														
<b>Bid Assistance and Review</b>						█	█													
<b>Construction Administration</b> Per the RFP, construction is to begin in Spring of 2025. However, the contractor may elect to begin construction in the fall of 2024.										█	█	█	█	█	█	█	█	█	█	

*\*Tentative Schedule to be confirmed at the time of the kick-off meeting.*






**Forms**

**ATTACHMENT B - BIDDER'S AGREEMENT**  
**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

In submitting this proposal, as herein described, the Consultant agrees that:

1. They have carefully examined the specifications, terms and Agreement of the Request for Proposal and all other provisions of this document and understand the meaning, intent, and requirement of it.
  
2. They will enter into a written contract and furnish the item or items in the time specified in conformance with the specifications and conditions contained therein for the price quoted by the proponent on this proposal.

Marc Russell	February 22, 2024
<b>PREPARED BY (Print Name)</b>	<b>DATE</b>
Senior Project Manager	February 22, 2024
<b>TITLE</b>	<b>DATE</b>
	mrussell@peagroup.com
<b>AUTHORIZED SIGNATURE</b>	<b>E-MAIL ADDRESS</b>

PEA Group
<b>COMPANY</b>

7927 Nemco Way, Suite 115, Brighton, MI 48116	517.546.8583
<b>ADDRESS</b>	<b>PHONE</b>

PEA Group	248.689.9090
<b>NAME OF PARENT COMPANY</b>	<b>PHONE</b>

1849 Pond Run, Auburn Hills, MI 48326
<b>ADDRESS</b>

**ATTACHMENT C - COST PROPOSAL**

**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

In order for the bid to be considered valid, this form must be completed in its entirety. The cost for the Scope of Work as stated in the Request for Proposal documents shall be a lump sum, as follows:

*Attach technical specifications for all proposed materials as outlined in the Consultant's Responsibilities section of the RFP (p. 6)*

<b>FEE PROPOSAL</b>	
<b>ITEM</b>	<b>BID AMOUNT</b>
Topographical Survey	\$ 6,500
Construction Plans	\$ 52,000
Specifications	\$ 5,000
Permits (other than City)	\$ 5,000
Meetings (6-8)	\$ 4,500
Construction Administration	\$ 12,000
Miscellaneous: Any other items not listed above. Detail below or attach:	
Flood Plain Study	\$ 6,000
Irrigation Design	2,000
<b>Total Base Bid Amount</b>	<b>\$ 93,000</b>
<b>ALTERNATE ITEM (If Necessary)</b>	<b>BID AMOUNT</b>
Hydrologic & Hydraulic (H & H) Study	\$ 45,000 (max)
Additional per Meeting Fee	\$ 580 in-person 285 virtual
Additional fee for owner approved custom restroom design. Design to be determined.	10,000 (estimate)
<b>TOTAL BID AMOUNT</b>	<b>\$ 148,000</b>



**ATTACHMENT D - IRAN SANCTIONS ACT VENDOR CERTIFICATION FORM**  
**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

Pursuant to Michigan Law and the Iran Economic Sanction Act, 2012 PA 517 ("Act"), prior to the City accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must certify that it is not an "Iran Linked Business", as defined by the Act.

By completing this form, the Vendor certifies that it is not an "Iran Linked Business", as defined by the Act and is in full compliance with all provisions of the Act and is legally eligible to submit a bid for consideration by the City.

Marc Russell

**PREPARED BY**  
**(Print Name)**

Senior Project Manager

**TITLE**



**AUTHORIZED SIGNATURE**

PEA Group

**COMPANY**

7927 Nemco Way, Suite 115, Brighton, MI 48116

**ADDRESS**

PEA Group

**NAME OF PARENT COMPANY**

1849 Pond Run, Auburn Hills, MI 48326

**ADDRESS**

Fed ID: 38-1813731

**TAXPAYER I.D.#**

GRISSIM  
METZ ASSOCIATES  
ANDRIESE  
Landscape Architecture

# BOOTH PARK

## REQUEST FOR PROPOSAL

February 22, 2024

City of Birmingham  
Attn: Carrie Laird, Parks & Recreation Manager  
151 Martin Street  
Birmingham, MI 48009

Re: Response to Request for Proposal - Professional Design Services  
for Booth Park Entry Plaza & Trail Improvements

We are thrilled at the prospect of collaborating with the City of Birmingham and your Parks and Recreation Department to enhance Booth Park, as outlined in your Request for Proposal (RFP).

Recognizing the project's significance, particularly at the prominent intersection of N. Old Woodward Ave. and Harmon St., we understand the importance of designing this gateway with the distinctive character and quality expected by the city.

To achieve this objective, Grissim Metz Andriese Associates (GMA) has joined forces with Peterhans, Rea + Roman, LLC, and Hubbell, Roth & Clark, Inc. (HRC), forming a powerhouse of expertise that we believe surpasses what a single firm can offer.

**GMA** as the lead design consultant, GMA leverages its 59 years of experience in landscape architecture and urban design. Our "Less Maintenance by Design" service, coupled with a proven track record of collaboration with municipalities and stakeholders, positions us to foster meaningful community engagement.

**Peterhans, Rea + Roman, LLC** brings a global perspective as architectural design visionaries, specializing in creating authentic elements that define the character and essence of communities. Notably, their work includes the unique shade structures in Barnum Park, a project where they collaborated seamlessly with your Parks and Recreation Department from conception to completion.

**HRC**, a multi-disciplined engineering and architectural firm with over 50 years' experience as a trusted consultant for the city, particularly in stormwater management, riparian issues, and public infrastructure. Their extensive project portfolio showcases successful ventures in parks, trails, restroom facilities, EV charging stations, and stormwater management. Their familiarity with Booth Park, the Rouge River trails, and their historical perspective give us a significant advantage over firms new to the area.

We appreciate the opportunity to submit our proposal and eagerly anticipate the chance to contribute to the success of Booth Park. Should you have any questions or require additional references or materials, please do not hesitate to contact me at 248.869.2323 or [sueg@gma-la.com](mailto:sueg@gma-la.com).

Sincerely,



Susan L. Grissim, PLA, ASLA  
Vice President | Principal

SLG/mm

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**

Landscape Architecture

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## SERVICES

- Master Planning
- Site Design
- Landscape Design
- Hardscape Design
- Sustainable Design
- Sports Facility Design
- Environmental Graphics
- Less Maintenance by Design
- Interior Landscape Design

**Grissim Metz Andriese Associates (GMAA)** is proud of its 59 year history. The firm's award-winning reputation has grown through five decades of design excellence defined by artistic expression and client satisfaction.

Initially incorporated in 1965 as Eichstedt and Grissim Associates, John Grissim helped shape pioneering projects such as the award-winning Sea World in Ohio and in Florida, and work for Ford Motor Company, Parke-Davis, and Whirlpool.

Subsequent to Ed Eichstedt's passing, John re-incorporated the practice as John Grissim Associates in 1977. He continued the firm's legacy by growing the client base through relationship building and establishing the firm as a premier design firm. Some notable projects during these years included continuing work at the Ford Motor Company Headquarters, multiple General Motors plants throughout the country, The Dearborn Inn, and The Gardens Shopping Center in Palm Beach, Florida.

In 1985, Randall K. Metz, FASLA joined the firm, bringing complementary architectural and artistic strength to the practice. Randy's work on such notable projects as Ford Motor Company Regent Court, AAA Michigan Headquarters, UAW-GM Center for Human Resources, Greenfield Village Restoration and The Somerset Collection garnered the recognition of national, as well as regional and local publications and a variety of awards. The firm became Grissim | Metz Associates in 1993, marking the steady growth by contributions of Randy and other associates.

In 2002, the firm evolved into Grissim Metz Andriese Associates (GMAA), which includes Principals, Susan L. Grissim, ASLA, Paul R. Andriese, ASLA and most recently, Richard G. Houdek, ASLA, LEED-AP, enhancing its leadership team. Additional Partners were promoted in 2020, strengthening the firm's capabilities.

Creative ideas are backed by the depth of experience and the specialized knowledge of the firm's principals and partners. The diverse talents of its landscape architects enable GMAA to provide design services for projects ranging from small courtyards to large complex projects, while maintaining individualized attention and personalized service for their clients.

Founded: 1965

Registration: Arizona California  
Colorado Florida Illinois Indiana  
Michigan South Carolina  
Tennessee Texas Virginia

15000 Edward N. Hines Drive  
Suite A  
Plymouth, MI 48170  
248.347.7010  
gma-la.com

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**

Landscape Architecture

FOUNDED IN

1965

OVER **59** YEARS OF EXPERIENCE



**9**

**LANDMARK PROJECTS**

- Meadow Brook Hall / 1990
- Ford Regent Court / 1991
- National Corvette Museum / 1994
- Greenfield Village Restoration at The Henry Ford / 2003
- DTE Energy World Headquarters Campus / 2008

**90%**

**REPEAT CLIENTS — 14 LONG TERM CLIENTS OF OVER 50 YEARS INCLUDING**

- The Forbes Company
- Ford Motor Company
- Oakland University
- Grosse Pointe Farms
- Edward Rose & Sons



First Lady Nancy Reagan with John N. Grissim



First Lady Barbara Bush with Randy and Mary Metz

**70**



**60**

**PUBLISHED IN MORE THAN 60 PUBLICATIONS — BOOKS & MAGAZINES**

**DESIGN AWARDS**

- National Landscape Award
- American Society of Landscape Architects National Award
- American Society of Landscape Architects Michigan Chapter Award
- Florida Nursery and Growers Association Award of Excellence
- Florida Nursery and Growers Association Award of Excellence Interior Installation
- Associated Landscape Contractors of America Grand Award
- Associated Landscape Contractors of America Environmental Improvement Award
- The National Arborist Association Grand Award



# GRISSIM METZ ASSOCIATES ANDRIESE

Landscape Architecture

"Highly recognizable and/or historically significant projects that have become benchmarks in our firm's history."



**SEA WORLD OHIO**  
Aurora, Ohio



**SEA WORLD ORLANDO**  
Orlando, Florida



**GRAND HOTEL** 1976  
Mackinac Island, Michigan



**DEARBORN INN** 1987  
Dearborn, Michigan



**MEADOW BROOK HALL** 1990  
Rochester, Michigan



**FORD REGENT COURT** 1991  
Dearborn, Michigan



**NATIONAL CORVETTE MUSEUM** 1994  
Bowling Green, Kentucky



**GREENFIELD VILLAGE AT THE HENRY FORD** 2003  
Dearborn, Michigan



**DTE ENERGY WORLD HQ CAMPUS** 2008  
Detroit, Michigan

## LANDMARK PROJECTS



"Highly recognizable and/or historically significant projects that have become benchmarks in our firm's history."

**SEA WORLD OHIO 1970**

Aurora, Ohio

The Sea World franchise is a world recognized brand and the Ohio park was the second installment of the iconic marine zoological and entertainment venue. Our firm designed the 50 acre theme park that opened to major success in 1970 and followed up with the design of Sea World, Orlando.

**SEA WORLD ORLANDO 1973**

Orlando, Florida

Sea World Orlando is a world recognized brand and was their third marine zoological and entertainment theme park. Our office designed the original park from master planning through construction. Today, Sea World enjoys significant success exceeding nearly 6 million visitors a year.

**GRAND HOTEL 1976**

Mackinac Island, Michigan

Built in 1887, the Grand Hotel is a National Historic Landmark and has been named as one of the top 100 hotels in the world by Travel and Leisure Magazine. Our firm designed the extensive floral display and associated landscape improvements done in the mid 1970's as part of a grounds renovation project.

**DEARBORN INN 1987**

Dearborn, Michigan

Designed in 1931 for Henry Ford by Albert Kahn to serve Ford's Dearborn Airport, the Dearborn Inn is listed on the National Register of Historic Places. Our firm designed the site renovations, arrival court and landscape improvements associated with an extensive renovation/expansion done in 1987.

**MEADOW BROOK HALL 1990**

Rochester, Michigan

The tudor-style mansion was built in 1929 for Matilda Dodge Wilson, widow of automobile pioneer John Dodge. Today, it is the fourth largest historic house museum in the United States. Our firm designed the renovation of the historic front arrival court and carriage court responsive to the original historical design, while integrating amenities required for the current museum function which accommodates 100,000 visitors a year, as well as private events.

**REGENT COURT - FORD MOTOR COMPANY WORLD HEADQUARTERS 1991**

Dearborn, Michigan

Innovative design and internationally acclaimed, the Regent Court has received numerous awards including the prestigious National Landscape Award given by the First Lady at the White House and has been published in numerous books, both nationally and internationally.

**NATIONAL CORVETTE MUSEUM 1994**

Bowling Green, Kentucky

Located in Bowling Green, Kentucky, just 1/4 mile from General Motors plant that builds the Corvette, the National Corvette Museum is an educational tribute to America's sports car. Our firm provided site planning, as well as design of the arrival court and landscape design for the museum when it was constructed in 1994.

**THE GREENFIELD VILLAGE RESTORATION AT THE HENRY FORD 2003**

Dearborn, Michigan

Developed by Henry Ford to capture a piece of American history, Greenfield Village is comprised of more than 85 acres of turn of the century artifacts and is one of the largest outdoor historic museums in the United States. Our firm designed the master plan, as well as the extensive site hardscape and landscape design for the \$60 million site renovations completed in 2003.

**DTE ENERGY COMPANY WORLD HEADQUARTERS CAMPUS 2008**

Detroit, Michigan

DTE Energy's urban corporate campus transforms seven city blocks, 22 acres in downtown Detroit, Michigan, into expansive public and private gardens for employees and visitors. It represents major new private investment as well as a commitment to urban renewal in a significantly economically challenged city. The campus reinvents greyfield parking lots, metamorphosing them into nine acres of open green space, plazas, fountains, walkways, various scaled gardens, and multifunctional gathering spaces.



## DESCRIPTION OF SERVICE

Less Maintenance by Design is a specialized landscape and irrigation evaluation service that is developed by GMA to promote site sustainability and site maintenance cost savings, while promoting landscape aesthetic appeal.

## OBJECTIVES

- Provide significant short and long term maintenance cost savings
- Maintain the brand image as a benchmark of quality
- Enhance the project's image
  - attractive to users
  - attractive asset in the community
- Promote the longevity and sustainability of the landscape investment
- Promote 'green' marketability and visibility

## LMBD SERVICES

- Landscape and Irrigation Evaluation
- Landscape and Irrigation Maintenance Specifications and Bidding
- Landscape and Irrigation Maintenance Administration
- Landscape and Irrigation Selected Repair
- General Site Improvement(s)

## BENEFITS

- Transformation to a sustainable site
- Enhancement of the project / client's image
- Protect and extend the longevity of investment
- Improve and/or maintain the landscape quality
- Potential 'green' promotional opportunities
- Site maintenance cost savings

## CASE STUDY TWELVE OAKS MALL | NOVI, MI

### Client: The Taubman Company

#### Actual Cost Savings and Benefits

- 30% annual savings on landscape and irrigation maintenance costs
- 80% reduction of pesticides/insecticides through Integrated Pest Management (IPM) strategies
- 50% reduction of fertilizer/herbicides as a result of updated specifications
- 30% reduction in lawn cutting by utilizing sustainable practices
- 20% annual water savings using more efficient irrigation techniques

## TESTIMONIAL

"FYI. . . Mulch was delivered to our property this week and will only use 205 cubic yards as opposed to 480 cubic yards used last year by the previous maintenance contractor. What does this really mean. . . 2010 mulch pricing at \$45/cy = \$21,600 versus 2011 mulch pricing at \$42/cy = \$8,610. A savings of \$12,990 from last year. . . just from mulch application, not including the \$10,000+ savings from the maintenance portion of the contract. Just had to share the good news!"

**Robert Blackshaw**  
Former Facilities Director  
Twelve Oaks Mall

# SUSAN L. GRISSIM PLA, ASLA

Vice President | Principal



The creation of unique experiences through design is at the forefront of Susan Grissim's leadership as a Principal of the firm. She promotes pedestrian-friendly and appropriately scaled design, minimal impact on the environment, and innovative use of common materials.

These social values are reflected in her work in urban planning and streetscape design, municipal projects, schools, multi-family housing, shopping centers, and urban revitalization projects. Her educational and early work experience in the western part of the country has inspired her use of design to enhance regional differences.

Sue received a Foreign Exchange Fellowship from Arizona State University and an Arizona Federation Garden Club Scholarship, and was an initiate into the Sigma Lambda Alpha Honor Society. Currently she is serving as a planning commissioner in Hartland Township.

"Design can transform simplicity into the unique and the everyday into a celebration."

## RESUME

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture

### Education

Bachelor of Science  
Michigan State University, 1981  
Bachelor of Science in Design (*magna cum laude*)  
Arizona State University, 1988

### Professional Registration

Michigan, Arizona, California, Florida, Texas, Virginia

### Professional Affiliations

American Society of Landscape Architects (ASLA)  
Council of Landscape Architectural Registration Boards (CLARB)  
Michigan Downtown Association (MDA)

### Involvements

Hartland Township Planning Commissioner  
Highland Township DDA  
Big Brothers Big Sisters

# TINA FIX-WOODWORTH

PLA, ASLA, LEED AP

Project Landscape Architect



Tina joined Grissim Metz Andriese Associates in 2022 as a Project Landscape Architect. Prior to GMA, she worked for land development firms in Ann Arbor as part of their interdisciplinary consulting teams including ecological specialists, surveyors, civil engineers, landscape architects, and land planners. During this time, Tina provided a range of services including feasibility analysis, conceptual plan development, preparation of entitlement/construction documents, including landscape design and green infrastructure design with rain gardens and native planted stormwater management systems, provided coordination with internal team members, ownership and design teams, and municipal review agencies for projects in multiple market sectors. Tina previously worked with ecological services firms in Illinois and Brighton, Michigan providing wetland delineation, wetland mitigation design, and permitting services.

At GMA, Tina's primary responsibilities include the production of graphics, conceptual designs, construction documents, and details for a variety of project types including Recreation, Municipal, Residential, and Mixed Use. Her professional strengths include a detailed knowledge of the entitlement process, green infrastructure design experience, attention to detail, and excellent communication and collaboration skills that enable her to assist the GMA team in the development and implementation of successful projects.

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture

## Education

Masters of Landscape Architecture  
University of Michigan, 2011

Bachelors of Science, Natural Resources and Environment  
University of Michigan, 2003

## Professional Registration

Michigan, Illinois, Indiana

## Professional Affiliations

American Society of Landscape Architects (ASLA)  
Council of Landscape Architectural Registration Boards (CLARB)  
LEED Accredited Professional

## Software Proficiency

AutoCAD  
AutoCAD Civil3d  
Adobe Photoshop, Illustrator, InDesign

## Involvements

Friends of the Rouge Member  
University of Michigan Student Portfolio Reviews, 2015-2020  
Ann Arbor/Ypsilanti Regional Chamber Leadership A2Y Program  
– 2018  
Michigan ASLA Executive Committee – Associate Member at  
Large – 2013-2014  
Sigma Lambda Alpha Honor Society



**AUBURN HILLS, MICHIGAN**

Civic Center City Offices Site Improvements

**BERKLEY, MICHIGAN**

City of Berkley Municipal Parking Lot and Building Facade Improvements  
Pedestrian Crosswalk at Twelve Mile Road and Woodward Avenue  
12 Mile Road Streetscape Improvements  
Coolidge Road Streetscape Design Concept  
Robina Urban Park Concept  
Bekley High School Plaza  
ArtSpace Plaza

**BIRMINGHAM, MICHIGAN**

Woodward Avenue Median Landscape Design Concept  
Woodward Avenue Pedestrian Crosswalk Study

**BLOOMFIELD TOWNSHIP, MICHIGAN**

Maple and Telegraph Median Landscape Improvements

**CANTON TOWNSHIP, MICHIGAN**

Administrative Building Expansion  
Summit on the Park Community Recreation Center

**DEARBORN, MICHIGAN**

Ford Performing Arts Center  
M-39 Southfield Freeway Landscape (Ford Road to Outer Drive)

**FARMINGTON, MICHIGAN**

Downtown Master Plan  
Walter E. Sundquist Pavilion and George F. Riley Park  
George F. Riley Park Ice Rink  
Grand River Avenue Streetscape  
Warner Street Streetscape (in progress)  
Farmington Road Streetscape  
Grove Street Streetscape and Shopping Center Parking Lot  
Wayfinding Signage  
Dinan Pocket Park  
Masonic Plaza (in progress)

**FARMINGTON HILLS, MICHIGAN**

47<sup>th</sup> District Court  
Municipal Offices Plaza  
City Hall Expansion (LEED Gold)  
Northwestern Highway Landscape Master Plan Study  
Orchard Lake Road Landscape Master Plan Study  
Twelve Mile Road Boulevard R.O.W. Landscape (Farmington Road to Haggerty Road)

**FENTON, MICHIGAN**

Downtown Master Plan  
Design Guidelines  
Wayfinding Signage  
Old Fire Hall and Museum Parking Lot Improvements  
River Street Parking Lot Improvements  
Community Center  
Downtown Streetscape Conceptual Design (MDOT Submittal)  
Silver Parkway Boulevard R.O.W. Landscape

**GROSSE POINTE, MICHIGAN**

Municipal Offices

**GROSSE POINTE FARMS, MICHIGAN**

Kerby Dog Park  
Municipal Offices  
Mack Avenue Streetscape  
Kercheval on The Hill Downtown Streetscape  
Lakeshore Drive Landscape  
Richard Place Streetscape

**GROSSE POINTE PARK, MICHIGAN**

Jefferson Avenue Streetscape  
Lake Pointe Park

**GROSSE POINTE SHORES, MICHIGAN**

Municipal Offices  
Lakeshore Drive Boulevard R.O.W. Landscape

**GROSSE POINTE WOODS, MICHIGAN**

Mack Avenue Streetscape

**HOWELL, MICHIGAN**

Southern Gateway - The D-19 Corridor  
Howell Downtown Streetscape (MDOT Grant Submittal)  
Downtown Parking and Urban Redevelopment  
Pinckney Road (D-19) Corridor Masterplan  
Pinckney Road I-96 Gateway  
Pinckney Road (D-19) Streetscape  
Center Street Streetscape  
East Sibley Street Corridor Master Plan  
East and West Sibley Street Streetscape  
State Street & Peanut Row Alley

**KEEGO HARBOR, MICHIGAN**

Cass Lake Road Streetscape Study

**LANSING, MICHIGAN**

Michigan State Police Headquarters  
Riverfront Plaza  
Sparrow Hospital / Michigan Avenue Streetscape  
Convention Center / Michigan Avenue Streetscape

**LIVINGSTON COUNTY, MICHIGAN**

Courthouse and Annex  
County Downtown Parking Lot  
East County Office Complex  
West County Office Complex  
Intermodal Facility

**LIVONIA, MICHIGAN**

Livonia Community Recreation Center

**MOUNT CLEMENS, MICHIGAN**

Downtown Streetscape Conceptual Design

**NEW BALTIMORE, MICHIGAN**

Downtown Conceptual Design Plan  
Downtown Streetscape (MDOT Grant Submittal)

**NORTHVILLE, MICHIGAN**

Downtown Conceptual Design Plan  
Downtown Pedestrian Plan

**NORTHVILLE, MICHIGAN CONT.**

Town Square  
Fire Department Central Station  
Municipal Offices

**NOVI, MICHIGAN**

Land Use Master Plan  
Grand River Corridor Plan

**OAK PARK, MICHIGAN**

Coolidge and 9 Mile Road Streetscape

**OAKLAND COUNTY, MICHIGAN**

Courthouse West Wing Expansion  
Oakland County International Airport  
Oakland Troy Airport Terminal  
Oakland Southwest Airport  
Waterford Oaks Water Park

**OXFORD, MICHIGAN**

Oxford Downtown Streetscape Plan  
Downtown Parking Expansion

**PALM BEACH GARDENS, FLORIDA**

PGA Boulevard, Fairchild Gardens Avenue Landscape  
Kew Gardens Boulevard Landscape

**PLEASANT RIDGE, MICHIGAN**

Woodward Avenue Streetscape Master Plan  
Woodward Avenue Streetscape

**STERLING HEIGHTS, MICHIGAN**

Van Dyke North CIA (conceptual)

**TROY, MICHIGAN**

Gateway Park  
Troy Community Center

**VILLAGE OF MILFORD, MICHIGAN**

Central Park Master Plan Implementation (in progress)  
Downtown Master Plan  
LaFontaine Family Amphitheater  
Milford Motley Memorial  
Downtown Corridor Study  
Village Municipal Offices  
Milford Wayfinding Signage  
Huron Street and South Main Streetscape  
General Motors Road and Milford Road Intersection  
Main Street Downtown Streetscape  
Milford DDA Various Streetscape Projects  
Mill Pond Streetscape (MDOT Grant Submittal)  
Union Street Streetscape  
Main & Center Street Renovations

**AURORA, OHIO**  
Sea World of Ohio

**BERKLEY, MICHIGAN**  
ArtSpace Plaza

**CANTON, MICHIGAN**  
Independence Park  
Canton Softball Park  
Freedom Sports Park  
Griffin Sports Park  
Sheldon Palmer Sports Park  
Summit on the Park Community Center

**DEARBORN, MICHIGAN**  
The Henry Ford Greenfield Village Master Plan  
The Henry Ford Greenfield Village Restoration Project  
Cotswold Cottage - The Henry Ford Greenfield Village  
Firestone Residence and Barnyard - The Henry Ford Greenfield Village  
Ford Stories - The Henry Ford Greenfield Village  
Greenfield Village Walnut Grove Historic Baseball Park  
The Henry Ford Parking Expansion Study  
Dearborn Civic Center Renovation and Addition (Ford Performing Arts Center)

**DEARBORN HEIGHTS, MICHIGAN**  
Parkland Park Multiple Phases  
Parkland Park Athletic Fields  
Swapka/Powers Park Pavilion

**DETROIT, MICHIGAN**  
Belle Isle Japanese Garden  
Erma Henderson Marina  
Jayne Laskey/Bishop Playfields

**FARMINGTON, MICHIGAN**  
Dinan Pocket Park  
Shiawassee Park Playscape Structure

**FARMINGTON HILLS, MICHIGAN**  
Founders Sports Park  
Founders Sports Park Ice Arena  
Heritage Park Master Plan  
Heritage Park  
Heritage Park Trail System  
Memorial Park  
Old Town Park  
Pioneer Park  
South End Park  
Spicer Nature Building (Heritage Park)

**FENTON, MICHIGAN**  
Bush Park

**FERNDALE, MICHIGAN**  
Geary Park

**FRANKLIN, MICHIGAN**  
Franklin Racquet Club Outdoor Pool



**GROSSE POINTE, MICHIGAN**

Neff Memorial Park Expansion  
Neff Memorial Park - Gate House  
Neff Memorial Park - Playground, Walkways

**GROSSE POINTE FARMS, MICHIGAN**

Joy Bells Park  
Pier Park  
Pier Park Playscape  
Pier Park Fire Pit  
Kerby Field  
Pier Park Master Plan  
Pier Park Gazebo

**HIGHLAND TOWNSHIP, MICHIGAN**

Duck Lake Pines Park

**HOWELL, MICHIGAN**

Howell Courthouse Amphitheater  
Summit Gardens

**INDEPENDENCE TOWNSHIP, MICHIGAN**

Bay Court Park Complex

**LANSING, MICHIGAN**

Lansing Center Riverfront Plaza

**LIVONIA, MICHIGAN**

Livonia Community Recreation Center

**MACOMB TOWNSHIP**

Whitney Macomb Park / Splash Pad

**MADISON HEIGHTS, MICHIGAN**

Civic Center Park

**MANISTEE, MICHIGAN**

Manistee Recreation Center

**MILFORD, MICHIGAN**

Hubbell Pond Park  
Hubbell Pond Park Master Planning  
Central Park Master Plan  
Central Park Improvements (in progress)  
Mill Pond Park  
The LaFontaine Family Amphitheater

**NORTHVILLE TOWNSHIP, MICHIGAN**

Ford Park

**NOVI, MICHIGAN**

Beck Road Park  
Ella Mae Power Park  
The Landings Community Park

**ORLANDO, FLORIDA**

Sea World of Florida

**ROMULUS, MICHIGAN**

Michigan Downs Thoroughbred Horse Park Master Plan

**ROMULUS, MICHIGAN CONT.**

Romulus Park

**ROYAL OAK, MICHIGAN**

Boys & Girls Clubs of South Oakland County

**SOUTHFIELD, MICHIGAN**

Bedford Woods Park

**ST. CLAIR COUNTY, MICHIGAN**

Goodells County Park Master Plan

Goodells County Park Phase I

**TROY, MICHIGAN**

Gateway Park

Troy Community Center

**WASHINGTON TOWNSHIP, MICHIGAN**

Community Park

**WATERFORD, MICHIGAN**

Diamond on the Summit Minor League Baseball Park

Waterford Oaks Aquatic Park

**WEST BLOOMFIELD, MICHIGAN**

Historic Schulak Farm

West Bloomfield Memorial Park

West Bloomfield Park & Recreation Parking Expansion

Twin Beach Country Club

**WIXOM, MICHIGAN**

Air Line Trail Phase 2 (in progress)

**YMCA PROJECTS**

YMCA Birmingham

YMCA Royal Oak

YMCA Auburn Hills

YMCA Camp Nissokone

YMCA Camp Ohiyesa

YMCA of Metropolitan Detroit

YMCA Milford (Carls Family YMCA)

YMCA North Oakland

## VILLAGE OF MILFORD

CENTRAL PARK (in progress)

Milford, MI



We worked with the Village of Milford DDA, DPS, Parks & Recreation Commission, residents, and other stakeholders to redevelop the 14.5-acre park beginning with programming through construction which is currently in progress,

We provided the graphics shown during the schematic design phase to clearly illustrate the proposed improvements. The graphics were posted on the DDA's website, and presented to the Village Council, the outlying township, and various boards and commissions. As a result, the township contributed about \$1.5 million to the project!

Just a few of the program elements include a custom pavilion, boardwalk, and deck overlooking the Huron River with a custom swing structure, native plantings to repair and stabilize the riverbank, EGLE permitting for wetlands and river impacts, and multipurpose lawn and ice skating, event area.



# VILLAGE OF MILFORD

CENTRAL PARK (in progress)

Milford, MI





## VILLAGE OF MILFORD

CENTRAL PARK (in progress)

Milford, MI





## CITY OF NORTHVILLE

CENTRAL PARK (in progress)

Northville, MI



We worked with the developer, city, numerous agencies, and the Northville community at large on the redevelopment plans of the Northville Downs 43-acre site. We began with the visioning of the entire development which includes a mix of residential types and community parks and participated in numerous presentations and submittals to secure all city approvals. We are currently producing construction drawings.



## CITY OF NORTHVILLE

RIVER PARK (in progress)

Northville, MI



In its current condition, the Middle Rouge River in Northville flows through an underground concrete channel, a hidden feature with minimal environmental benefits. An exciting and major element of the River Park Project will be the daylighting of approximately 1,100 feet of The River. The River Park Project embraces and capitalizes on the daylighting of the Middle Rouge River by providing over 7 acres of public open space. River Park will be a passive, naturalized open space with a pedestrian and bicycle network connecting Downtown Northville to surrounding neighborhoods and regional destinations along the Hines Park Trail/Rouge River Gateway Greenway.

We worked closely with the developer, Northville River Restoration Task Force, environmental consultants, and engineers on storm water remediation, riverbank stabilization, EGLE and county permitting.

## CITY OF NORTHVILLE

RIVER PARK (in progress)

Northville, MI





## CITY OF NORTHVILLE

RIVER PARK (in progress)

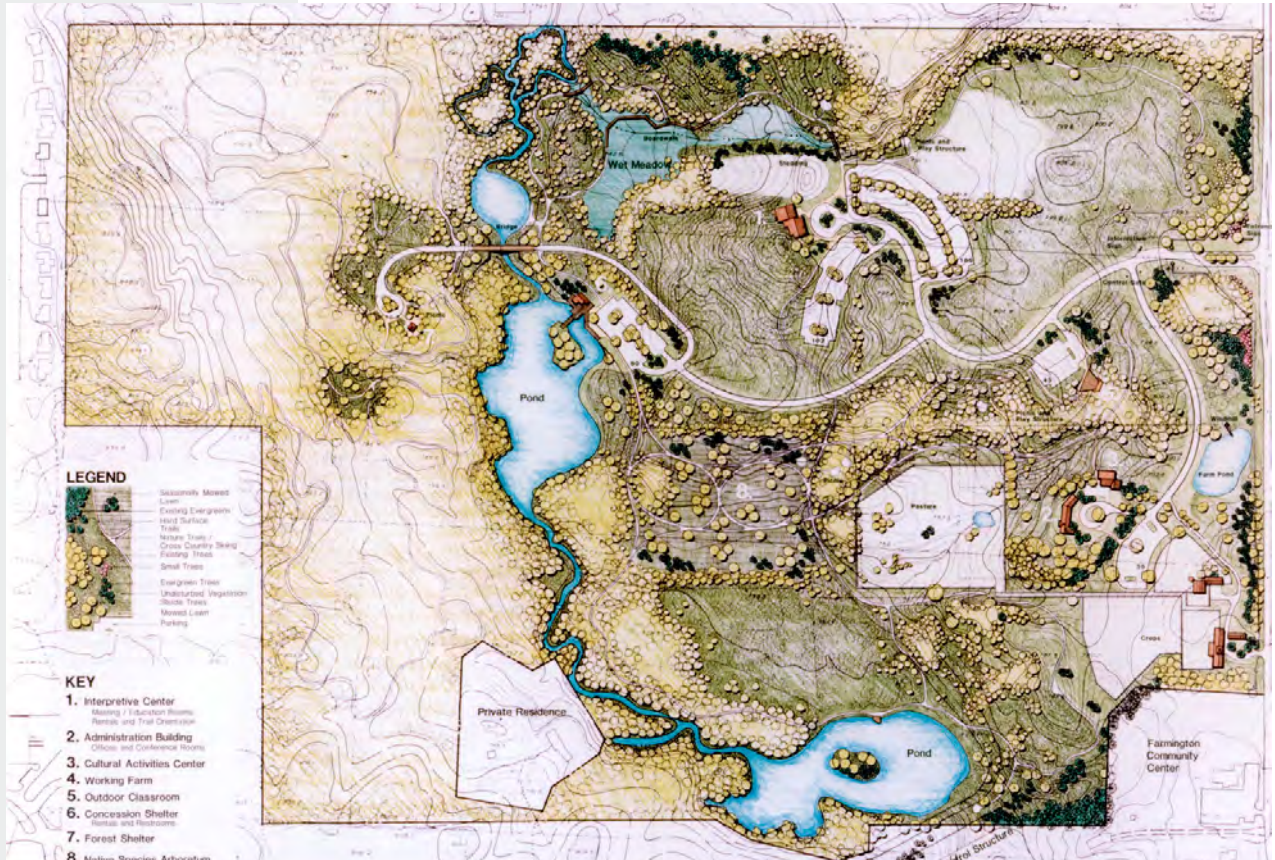
Northville, MI



# CITY OF FARMINGTON HILLS

## HERITAGE PARK

Farmington Hills MI



We developed the master plan for this 211-acre park with the parks and recreation department. Key elements were 4.5 miles of trails, preservation of historic structures including relocation of a windmill and custom fencing, signage, and gateway elements. Upon approval of the master plan we provided construction drawings and construction administrative services for all phases of construction.



# CITY OF FARMINGTON HILLS

## HERITAGE PARK

Farmington Hills MI



## DOWNTOWN NORTHVILLE

### TOWN SQUARE

Northville, MI



We worked with the city, parks and recreation, and residents throughout initial programming to project completion to provide their town square centerpiece. The project scope was to create a flexible plaza with elements customized to the "Northville with a Twist" character. The graphics shown are an example of two of the many renderings we developed and presented during the schematic design phase to gain community consensus.



# DOWNTOWN NORTHVILLE

## TOWN SQUARE

Northville, MI





## **DOWNTOWN NORTHVILLE**

### TOWN SQUARE

Northville, MI



# DOWNTOWN NORTHVILLE

## TOWN SQUARE

Northville, MI





# CATHOLIC CENTRAL HIGH SCHOOL

Novi, MI



We worked with the client to redevelop their mundane frontage along Wixom Road and entry into the school campus to a distinct statement that stands out from all other developments and creates a dynamic gateway.



# CATHOLIC CENTRAL HIGH SCHOOL

Novi, MI



## ANN ARBOR DISTRICT LIBRARY

Ann Arbor, MI



Completed in 2008, the Traverwood branch of the Ann Arbor District Library was developed on a 4.34 acre site constrained by features on existing and adjacent land. Sustainable implementations of the site consist of minimal site intervention and innovative storm water management including a rain garden.



**KATE KNIGHT**

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Farmington, MI 48335  
248-699-5114  
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**LORI WARD**

Director  
Northville Downtown Development Authority  
215 West Main  
Northville, MI 48167  
248-305-2733 Ext. 2733  
lward@ci.northville.mi.us

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture



GRISSIM | METZ ASSOCIATES HAS BEEN HONORED WITH THE PRESTIGIOUS NATIONAL LANDSCAPE AWARD FROM THE FIRST LADY ON FOUR SEPARATE OCCASIONS.



First Lady Betty Ford with George Young



Sea World of Florida National Landscape Award The White House, October 19, 1971

**REGENT COURT OFFICE COMPLEX  
FORD MOTOR COMPANY WORLD HEADQUARTERS**

Dearborn, Michigan  
National Landscape Award (presented at The White House)  
American Society of Landscape Architects National Award  
American Society of Landscape Architects Michigan Chapter Award  
International Association of Lighting Designers Award

**THE GARDENS MALL**

Dearborn, Michigan  
National Landscape Award (presented at The White House)  
American Society of Landscape Architects National Award  
Florida Nursery and Growers Association Award of Excellence  
Florida Nursery and Growers Association Award of Excellence Interior Installation  
Associated Landscape Contractors of America Merit Award

**SEA WORLD OF FLORIDA**

Orlando, Florida  
National Landscape Award (presented at The White House)

**SEA WORLD OF OHIO**

Aurora, Ohio  
American Society of Landscape Architects National Award

**WHIRLPOOL CORPORATION WORLD HEADQUARTERS**

Benton Harbor, Michigan  
National Landscape Award (presented at The White House)  
American Society of Landscape Architects National Award  
American Society of Landscape Architects Michigan Chapter Award

**DTE ENERGY COMPANY CORPORATE HEADQUARTERS**

Detroit, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
American Institute of Architects Michigan Chapter Award  
Engineering Society of Detroit Honorable Mention Award  
Michigan Green Industry Association Environmental Improvement Gold Award

**THE GREENFIELD VILLAGE RESTORATION PROJECT  
THE HENRY FORD**

Dearborn, Michigan  
The Themed Entertainment Association Award  
American Society of Landscape Architects Michigan Chapter Award  
Associated Landscape Contractors of America Grand Award  
Michigan Concrete Paving Association Award of Excellence  
Michigan Green Industry Association Environmental Improvement Gold Award

**THE SOMERSET COLLECTION**

Troy, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
Associated Landscape Contractors of America Grand Award  
Associated Landscape Contractors of America Environmental Improvement Award

**AAA MICHIGAN HEADQUARTERS**

Dearborn, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
The National Arborist Association Grand Award

**SOUTHFIELD PUBLIC LIBRARY**

Southfield, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
Building Design & Construction Annual Building Team Project of the Year, Grand Award  
Institute of Museum and Library Services National Medal

**BIG BEAVER CORRIDOR STUDY**

Troy, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
Michigan Association of Planning 2007 Outstanding Planning Award

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture



GRISSIM | METZ ASSOCIATES HAS BEEN HONORED WITH THE PRESTIGIOUS NATIONAL LANDSCAPE AWARD FROM THE FIRST LADY ON FOUR SEPARATE OCCASIONS.



**Whirlpool Corporation World Headquarters**  
National Landscape Award  
The White House, May 17, 1984



First Lady Nancy Reagan with John N. Grissim

**WILLIAM BEAUMONT HOSPITAL  
CAMPUS MASTER PLAN**

Royal Oak, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**WILLIAM BEAUMONT HOSPITAL  
THE DEBRA SABER-SALISBURY MEMORIAL GARDEN AND PEDIATRIC GARDEN**

Royal Oak, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**HURON VALLEY SINAI HOSPITAL COURTYARD**

Commerce Township, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**HERITAGE PARK**

Farmington Hills, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**FORBES RESIDENCE**

Bloomfield Hills, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**NORM AND HARRIET'S HOUSE**

Bingham Farms, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**KELLOGG COMPANY**

Battle Creek, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**MACOMB COUNTY BUILDING**

Mt. Clemens, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**VANDEMBERG CENTER CLOCK TOWER PLAZA**

Grand Rapids, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**GRACE HOSPITAL**

Detroit, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**THE BAVARIAN INN HOTEL AND RESTAURANT**

Frankenmuth, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**LAKEVIEW SQUARE REGIONAL SHOPPING CENTER**

Battle Creek, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**BON SECOURS HOSPITAL**

Detroit, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**RIVERFRONT PLAZA**

Lansing, Michigan  
American Society of Landscape Architects Michigan Chapter Award  
Great Lakes Fabricators and Erectors Association  
& Michigan Society of Professional Engineers Excellence in Steel Award  
Michigan Recreation and Park Association Award

**RENAISSANCE CENTER**

Detroit, Michigan  
Associated Landscape Contractors of America Grand Award



**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture



**The Gardens Shopping Center**  
National Landscape Award  
The White House, May 11, 1990



First Lady Barbara Bush with  
John N. Grissim

**FORD MOTOR COMPANY GUEST CENTER**

Dearborn, Michigan  
Associated Landscape Contractors of America Environmental Improvement Award

**SHEFFIELD PARK OFFICE BUILDING**

Troy, Michigan  
Metropolitan Detroit Landscape Association Award for Environmental Improvement

**DEARBORN RESIDENTIAL TOWERS**

Dearborn, Michigan  
Federal Housing Administration Merit Award

**ELI LILLY AND COMPANY**

Indianapolis, Indiana  
American Society of Landscape Architects Indiana Chapter Award

**FOUNDERS PARK**

Farmington Hills, Michigan  
Michigan Recreation and Park Association Award

**HERITAGE PARK**

Farmington Hills, Michigan  
Michigan Recreation and Park Association Award

**PIER PARK PLAYScape**

Grosse Pointe Farms, Michigan  
Michigan Recreation and Park Association Awards

**WATERFORD OAKS AQUATIC PARK**

Waterford, Michigan  
Michigan Recreation and Park Association Awards

**SUMMIT ON THE PARK RECREATION CENTER**

Canton Township, Michigan  
Michigan Recreation and Park Association Award

**SYCAMORE HILLS GOLF COURSE**

Ft. Wayne, Indiana  
Asphalt Pavement Association of Indiana Award

**OAKLAND COUNTY INTERNATIONAL AIRPORT**

Waterford, Michigan  
Oakland County Beautification Award

**MALL AT MILLENIA**

Orlando, Florida  
ICSC 2004 International Design and Development Award

**RICHARD J. LACKS, SR. CANCER CENTER**

St. Mary's Health Care  
2005 Excellence in Design Awards Grand Prize Winner

**CATHOLIC CENTRAL HIGH SCHOOL**

Novi, Michigan  
American Sports Builders Association Distinguished Outdoor Tennis Facility Award

**UNIVERSITY OF MICHIGAN CENTRAL CAMPUS TRANSIT CENTER**

Ann Arbor, Michigan  
American Public Works Association, Michigan Chapter Project of the Year Award

**BIG BEAVER / ROCHESTER ROAD GATEWAY PARK**

Troy, Michigan  
Best of Troy Award

**GRISSIM  
METZ ASSOCIATES  
ANDRIESE**  
Landscape Architecture



First Lady Barbara Bush with Randy and Mary Metz



**Regent Court Office Complex  
Ford Motor Company  
World Headquarters**  
National Landscape Award  
The White House, June 4, 1992

**GRAND RIVER STREETScape**

Farmington, Michigan  
Michigan Green Industry Association, 2011 Annual Environmental Improvement Awards

**KERBY DOG PARK**

Grosse Pointe Farms, Michigan  
Michigan Recreation and Park Association 2014-2015 Annual Awards, Design Award, Outstanding Facility

**THE MALL AT UNIVERSITY TOWN CENTER**

Sarasota, Florida  
AmericanHort International Plantscape Award, Platinum, Silk, Replica and Preserved

**FAIR OAKS MALL RENOVATION**

Fairfax, Virginia  
AmericanHort International Plantscape Award, Platinum, Silk, Replica and Preserved

**H. H. DOW VISITORS AND HERITAGE CENTER**

Midland, Michigan  
American Society of Landscape Architects Michigan Chapter Award

**MICHIGAN GREEN INDUSTRY ASSOCIATION CHAIRMAN'S AWARD**

**HOWELL SUMMIT GARDENS**

Howell, Michigan  
Michigan Downtown Association Best Placemaking Project  
Michigan Downtown Association People's Choice Award

**GRAND VALLEY STATE UNIVERSITY MT. VERNON PEDESTRIAN MALL**

Grand Rapids, Michigan  
ACEC 2023 Merit Award, Engineering

**HOWELL STATE STREET RENOVATION**

Howell, Michigan  
ASCE Lansing Jackson Branch Quality of Life Award

**PETERHANS REA + ROMAN**

David Peterhans  
Architectural Designer  
Bloomfield Hills, MI

**HRC**

James Surhigh  
Civil, Architectural, and Electrical Engineering  
Bloomfield Twp., MI

**GRABER & ASSOCIATES**

Geoff Graber  
Irrigation Consultant  
Chesterfield, MI



# DAVID PETERHANS

ARCHITECTURAL DESIGNER

## Employment History

2005 - Present

PETERHANS REA + ROMAN

1995 - 2005

JPRA Architects

1985 - 1995

Peterhansrea Design

1972 - 1985

Roger Sherman Associates

Dave has been part of the Detroit design scene since 1964. He is fortunate to have worked with many talented colleagues and artisans serving a wide range of clients wanting something special in their projects. He is a team player thru and thru.

He has worked on projects, large and small, all over the world. Some of note include the Bay Area Rapid Transit System (BART) in San Francisco, trade show exhibits for the U.S. Department of Commerce in Lima, Peru and Santiago, Chile and the Apollo Mission exhibit at the Paris Air Show in 1969.

In 1977, Dave designed the store, merchandise displays and created the name and logo for American Eagle Outfitters first store.

He has designed retail and residential projects throughout the U.S. and shopping centers in U.S., Australia, England, and Spain. Dave worked on prototype retail/ entertainment developments for Disney and their partners Enterprise Development.

On a smaller scale he designed and project managed construction of shade structures at Birmingham's Barnum Park.

Dave has traveled to Australia, New Zealand, and across the country as part of Seth Harry Associate's urban planning charrette team providing input on design guidelines to strengthen the power of "Main Street" as primary to long term community viability.

Recently, he and owner Mike Bylen, developed "The Station" at Shepherds Hollow Golf Course - a 6000 sq. ft. event venue in Clarkston, Michigan.

# Charrette | Chico, CA

Implementing New Town District Development



# Entry Signs & Wayfinding | Saratoga, NY

Resort Development Project  
Using "Camp" and 1930's WPA References

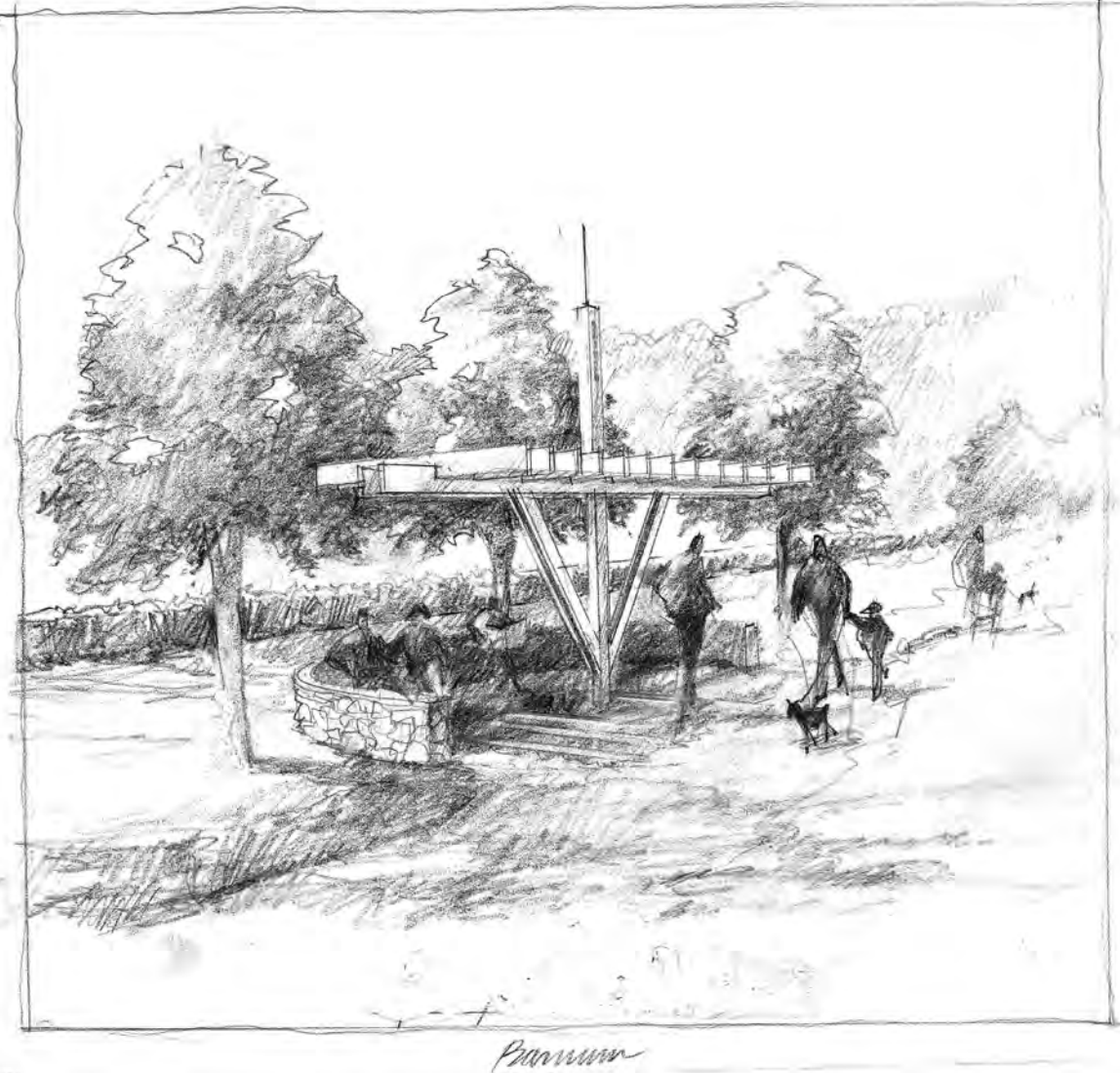






# Barnum Park | Birmingham, MI

Shade Structure Preliminary Design Sketch



# Barnum Park | Birmingham, MI

Shade Structure Built







Hubbell, Roth & Clark, Inc. (HRC) is a privately held consulting engineering firm that has proudly managed the design and construction of iconic Michigan projects for over a century. Our ingenuity and innovative approach have helped clients tackle countless challenges over the years as we created solutions together to positively impact generations of people throughout villages, townships, cities, and counties in our state.

We take satisfaction in knowing that our engineering acumen has played a role in the growth and prosperity of the State of Michigan and touched the daily lives of our residents through projects that directly impacted their quality of life. Our highly trained employees, multi-disciplinary approach, and comprehensive experience have made us experts in a broad range of engineering disciplines. Serving both public and private clients, we offer our services at every phase of a project, from preliminary planning, design, and funding, through completed construction and implementation.

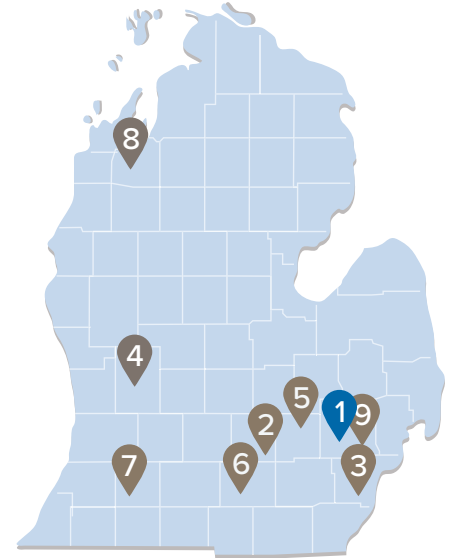
HRC is organized as an S-Corporation headquartered and licensed in Michigan. There are nine principals and 20 associates at the firm, all licensed professional engineers. Our staff of close to 300 engineers, designers, surveyors, and technical support members are a critical resource, offering you a team of highly skilled professionals dedicated to the achievement of high quality, timely, and cost-efficient infrastructure projects. The table below lists each officer's corporation title, primary activity, and experience.

### CORPORATE OFFICERS

Daniel W. Mitchell, PE President	Civil Municipal
Nancy M.D. Fraught, PE Executive Vice President	Civil Municipal/Transportation
Michael C. MacDonald, PE Vice President/Secretary	Civil Municipal
Jesse B. VanDeCreek, PE Vice President	Civil Municipal
Roland N. Alix, PE Vice President	Civil Municipal/Industrial
James F. Burton, PE Vice President/Treasurer	Civil Municipal/Environmental
Charles E. Hart, PE Vice President	Civil Municipal/Transportation
Todd J. Sneathen, PE Vice President	Civil Municipal
Thomas G. Maxwell, PE Vice President	Civil Municipal/Process

Architectural Services  
 Water Transmission and Treatment  
 Structural Engineering  
 Wastewater Treatment Plants  
 Environmental Engineering  
 Electrical Engineering  
 Site/Civil Engineering  
 Combined Sewer Overflow  
 Retention & Treatment  
 Process Engineering  
 Traffic Engineering  
 Industrial Facilities Design  
 Roads & Bridge Design  
 Construction Services & Material Testing  
 Easement & Right of Way Services  
 Landscape Architecture  
 Surveying  
 Wetlands & Watershed Management  
 Instrumentation & Control  
 GIS  
 Asset Management

### OFFICE LOCATIONS



HRC is headquartered in Bloomfield Hills, Michigan, with nine branch offices located throughout the lower peninsula. The complete addresses of these business locations are listed below.

- 1 Bloomfield Hills**  
555 Hulet Drive  
Bloomfield Hills, MI 48302  
248.454.6300
- 2 Delhi Township**  
2101 Aurelius Road, Suite 2  
Holt, MI 48842  
517.694.7760
- 3 Detroit**  
535 Griswold Street  
Buhl Building, Suite 1650  
Detroit, MI 48226  
313.965.3330
- 4 Grand Rapids**  
1925 Breton Road SE, Suite 100  
Grand Rapids, MI 49506  
616.454.4286
- 5 Howell**  
105 West Grand River Avenue  
Howell, MI 48843  
517.552.9199
- 6 Jackson**  
401 Mechanic Street, Suite B  
Jackson, MI 49201  
517.292.1295
- 7 Kalamazoo**  
834 King Highway, Suite 107  
Kalamazoo, MI 49001  
269.665.2005
- 8 Traverse City**  
1501 Cass Street  
Traverse City, MI 49684  
231.714.5007
- 9 Troy**  
629 Elmwood  
Troy, MI 48083  
248.454.6300

## Education

BS, Civil Engineering  
Lawrence Technological University, 1989

## Experience

With HRC since 1990  
33 years of experience

## Professional

### Registration/Certification

Professional Engineer  
Michigan No. 6201040067

Computer Modeling of Water Distribution  
Systems, University of Kentucky

Risk Assessment Methodology for Water  
System Vulnerability Assessment (RAM-  
WSM), AWWA

## Affiliations

American Public Works Association  
American Water Works Association  
American Society of Civil Engineers  
Michigan Water Environment Assoc.  
Water Environment Federation  
Engineering Society of Detroit



## Michael MacDonald, PE

### Vice President | Partner

Michael MacDonald is a partner at Hubbell, Roth & Clark. He orchestrates the firm's engineering activities for infrastructure improvement projects for numerous communities, where his responsibilities include master planning and designing for municipal stormwater systems, water supply systems, wastewater systems, local street paving projects, municipal parking lots, pathway projects as well as project management assistance for a variety of municipal projects. His expertise also includes the preparation of hydraulic reports and vulnerability assessments on water supply systems. Local communities include the Cities of Warren, Troy, Sterling Heights, Utica, Ferndale and Birmingham, the Township of Plymouth, the Village of Romeo and the Southeastern Oakland County Water Authority (SOCWA) as well as various Private Development companies.

## Select Project Experience

### MUNICIPAL CONSULTING

- Lake Orion Dam Emergency Rehabilitation – Village of Lake Orion
- Seventeen Mile Road Bridge over Plumbrook Drain Grant Funding and Rehabilitation– City of Sterling Heights

### PARKING, PAVEMENT AND STREET LIGHTING

- City Hall Parking Lot Rehabilitation – City of Sterling Heights
- Dehlia Park Entrance Drive and Parking Lot Paving – City of Sterling Heights
- Grant Park Parking Lot Paving – City of Utica
- Township Park North Parking Lot – Plymouth Township

### MUNICIPAL FACILITIES

- Richard J. Notte City Center Improvements – City of Sterling Heights
- Civic Center Infrastructure Improvements – City of Warren
- Fire Station No. 3 – Plymouth Township

### PARKS AND RECREATION

- Various Park Facility Upgrades – City of Warren
- Dodge Park Pedestrian Bridge over Clinton River – City of Sterling Heights
- Township Park, Foot Bridges Project – Plymouth Township
- Schoenherr Road Bike Path Bridge and Utica Road Bike Path – City of Sterling Heights
- Utica Recreation Trail – City of Utica
- Pedestrian Path along Clinton River – City of Sterling Heights

### AIRPORTS AND TRANSPORTATION FACILITIES

- Troy Multi-Modal Transit Facility – City of Troy

## Select Project Experience

### ROADS/BRIDGES

- Innovate Mound Road Reconstruction Project, I-696 to M-59 – Macomb County Department of Roads
- Nineteen Mile Road Reconstruction, Schoenherr to Saal – City of Sterling Heights
- Merrill Road Rehabilitation, M-59 to 18 ½ Mile – City of Sterling Heights
- Thirteen Mile Road Rehabilitation, Ryan to Mound – City of Warren
- Seventeen Mile Road Rehabilitation, Utica Road to Plumbrook Drain – City of Sterling Heights
- Eleven Mile Road Rehabilitation, Dequindre to I-696 – City of Warren
- Waltham Street Rehabilitation, 8 Mile to Toepfer – City of Warren
- Desmond, Edwin, Ironwood, Geoffrey and Gilbert Reconstruction – City of Warren
- Stephens Road, Mound to Ryan, Irene and Desmond Pavement Reconstruction – City of Warren
- Rochester/Big Beaver Intersection Improvements – City of Troy
- Lorraine Street Concrete Paving – City of Warren
- Lakeside Mall Entrance Drive Improvements – City of Sterling Heights
- Big Beaver Road Reconstruction – City of Troy/MDOT
- Long Lake Road Reconstruction, Carnaby to Dequindre – City of Troy
- Ryan Road Reconstruction – City of Sterling Heights
- Dodge Park Road Reconstruction – City of Sterling Heights

### WATER RESOURCES/WATERSHED MANAGEMENT

- City Center Storm Drainage Outlet Extension – City of Warren
- Mound Road Storm Water Quality Improvements – Macomb County Department of Roads
- Lakeview Street Drainage Improvements – Village of Lake Orion
- Section 4 Weir Control Structure – City of Troy
- Sylvan Glen Golf Course Streambank Stabilization – City of Troy
- Fisher Relief Drain – City of Sterling Heights
- Long Lake Drain – City of Troy
- Sterling Relief Drain Lateral No. 12 Extension – City of Sterling Heights
- Seventeen Mile Extension Drain – City of Sterling Heights
- Busch Drain – City of Sterling Heights
- Master Storm Drainage Plan Update – City of Troy
- Hayes Road Drain – City of Sterling Heights
- Gibson Drain South Lake – City of Sterling Heights

### WASTEWATER COLLECTION/TREATMENT

- SAW Grant Program – Village of Lake Orion
- SAW Grant Program – City of Troy
- SAW Grant Program – City of Warren
- Infiltration/Inflow Metering Study and Field Investigation – City of Troy
- Sanitary Sewer Evaluation Study and Improvement Program – Village of Romeo
- South Oakland County Sewage Disposal System (SOCSDS) Sanitary Sewer System Flow Metering Study – City of Troy



## Education

BS, Civil Engineering  
University of Michigan, 1991

## Experience

With HRC since 1997  
32 years of experience

## Professional Registration/Certification

Professional Engineer,  
Michigan No. 6201042688

## Affiliations

American Society of Civil Engineers  
(ASCE)

South Oakland County Municipal Engineers  
(SOCME) – Past President

American Water Works Association  
(AWWA)

Water Environment Federation/Michigan  
Water Environment Association  
(WEF/MWEA)



## James Surhigh, PE Senior Associate

During his tenure at Hubbell, Roth & Clark, Inc., James Surhigh has been responsible for the design and management of municipal utility and road projects. His professional experience includes master planning and feasibility studies, site plan review, project design, specifications, permitting, and construction contract administration for open-cut and tunneled sewer, open storm drain, culverts, water main, and road reconstruction projects.

Mr. Surhigh served as the Consulting City Engineer for the City of Birmingham from 2020 to 2022. While in this role, duties and responsibilities included day-to-day management of the Engineering Department, capital project planning & budgeting, project development, procurement and contract administration, and reporting to the City Commission, other Department heads & the public as spokesman for the Engineering Department.

Mr. Surhigh has served as project manager and design engineer for a wide range of municipal civil engineering projects. He has provided civil engineering services to the Cities of Ann Arbor, Auburn Hills, Birmingham, Grosse Pointe Farms, Livonia, Rochester Hills, Royal Oak, Sterling Heights, Troy, Utica, Warren, Wixom, Townships of Bloomfield and Independence, Villages of Beverly Hills and Romeo, and the University of Michigan in Ann Arbor. Mr. Surhigh also has experience working on projects for the Macomb County Public Works Commission, Genesee County Drain Commissioner, Oakland County Water Resources Commissioner, the Road Commission for Oakland County, and the Wayne County Airport Authority. His experience also includes detailed design and management of various water main, storm drain, and sewer installation projects with a wide variety of pipe sizes, depths, materials, and methods of construction, including tunneling and “trenchless” techniques.

## Select Project Experience

### WATER RESOURCES/WATERSHED MANAGEMENT

- Parking Lot #6 Reconstruction – City of Birmingham
- Parking Lot #5 Slope Repair – City of Birmingham
- Dan Devine Drain – Oakland County Water Resources Commissioner
- EFSDS & COSDS Emergency Stream Bank Repair – Oakland County Water Resources Commissioner
- Beal Avenue Reconstruction, Water Main, and Storm Relief Sewer – University of Michigan, Ann Arbor
- Van Maele Drain Master Plan and Preliminary Design – City of Rochester Hills/Oakland County Water Resources Commissioner
- Rochester Road Reconstruction (I-75 to Torpey and Torpey to Barclay) and Wattles Road Reconstruction – City of Troy, Oakland County Water Resources Commissioner
- Irwin Drain Study and Apportionment – Macomb County Public Works Commissioner

## Select Project Experience

### ROADS/BRIDGES

- Walton Boulevard Culvert Replacements (large concrete box culverts, slip lining with CSP arch-pipe) – Road Commission for Oakland County
- Eleven Mile Road Culvert Rehabilitation (slip lining, CIPP lining) – City of Farmington Hills
- Miscellaneous Special Assessment Neighborhood Paving Projects – Bloomfield Township
- Cedar Island Road Culvert Replacement – Road Commission for Oakland County
- Hickory Grove Road Rehabilitation – Bloomfield Township
- Austin Drive Extension and Devondale Road Paving Project – City of Rochester Hills
- Andover Road Reconstruction – Bloomfield Township
- John R Road Reconstruction (South Boulevard to Auburn Road) – City of Rochester Hills

### AIRPORTS AND TRANSPORTATION FACILITIES

- Troy Transit Center – City of Troy
- Willow Run Airport East Side Sewer & Water Main Replacement – Wayne County Airport Authority

### WASTEWATER COLLECTION/TREATMENT

- Combined Sewer System Relief Sewer Projects (including tunneled segments) – City of Birmingham
- Acacia Park Drain Relief Sewer – Phase 1 to 3 (including tunneled segments) – Village of Beverly Hills, City of Birmingham, Oakland County Water Resources Commissioner
- Maple Road (Eton to Coolidge) – City of Birmingham, City of Troy
- South Woodward Corridor Relief – City of Birmingham
- Adams Road Corridor Relief (Woodward to Madison) – City of Birmingham
- Sewer System Improvement Program – City of Birmingham
- 2017 and 2020 Sewer CIPP Lining Program – City of Birmingham
- Porters Lane Emer Sanitary Sewer Replacement (pile-supported sewer) – Bloomfield Township
- Woodward & Square Lake Emer Sanitary Sewer Replacement (jack-and-bore steel casing for san sewer) – Bloomfield Township (MDOT permitting)
- Combined Sewer System Study – City of Berkley
- Footing Drain Disconnection Pilot Program – City of Warren
- Annual Sewer System Study Updates – City of Birmingham
- Grant Street Pump Station – City of Rochester Hills
- Geddes Avenue Reconstruction – City of Ann Arbor
- Combined Sewer System Study – Village of Beverly Hills
- North Arm Relief (Twelve Towns Drain) – Oakland County Water Resources Commissioner, City of Birmingham, City of Royal Oak
- Sewer System Improvement Program – City of Birmingham

## Education

MA, Architecture  
University of Detroit Mercy, 2004

BA, Architecture  
University of Detroit Mercy, 2000

## Experience

With HRC since 2012  
22 years of experience

## Professional Registration/Certification

Registered Architect,  
Michigan No. 51959

US Green Building Council Leadership in  
Energy & Environmental Design Accredited  
Professional Building Design and  
Construction (LEED AP BD+C)

Registered Plan Reviewer,  
Michigan No. INSP01005

## Affiliations

American Institute of Architects  
International Code Council



## Adrianna Melchior, AIA, LEED AP BD+C Credentials Associate

As head of Hubbell, Roth & Clark's architectural department, Adrianna Melchior conceptualizes, designs, and orchestrates functional and aesthetically pleasing architectural solutions for commercial, industrial, municipal, and private clients. With a talent for exceeding client expectations, her responsibilities include space planning and design, construction documents, bid management, construction administration, shop drawing review, cost estimating, code compliance reviews, 3D modeling and renderings, material finish selections and coordination, and project closeouts. She places a high priority on attention to detail and problem solving on every project. Her work is showcased at HRC's corporate headquarters, where she was responsible for the renovation of its Bloomfield Hills office.

## Select Project Experience

### PARKS AND RECREATION

- Greenmead Park Pavilion & Ice Rink Study – City of Livonia
- Veteran's Park Ice Arena Repairs – City of Ann Arbor
- Veteran's Park Shelter Demolition – City of Ann Arbor
- Transportation Building Roofing Replacement – City of Warren
- Senior Center Conceptual Study – City of Livonia
- Halmich Park Master Plan – City of Warren
- Youth Recreation Center Feasibility Study – City of Pontiac
- Ridgewood Park Improvements – City of Warren
- Recreation Center Building Assessments – Royal Oak Township
- City Park Building Renovations, Multiple Parks – City of Warren
- Oxford Park Splash Pad and Restroom Building New Construction – City of Berkley
- Ice Arena Demolition – City of Berkley
- Pioneer Park Comfort Station New Construction – City of Utica
- Historic Farm Park Main Barn Re-Roofing and Structural Repairs – City of Troy
- Park Pavilions and Restroom/Concession Buildings New Construction – City of Hartland
- Park Comfort Station New Construction – City of Linden
- ADA Compliant Ramps – City of Troy Historic Village
- City Park ADA Assessments and Recommendations – City of Howell

### MUNICIPAL FACILITIES

- Spicer House Roof Replacement – City of Farmington Hills
- Senior Center Improvements – City of Pontiac
- Ice Arena ReRoofing – City of Farmington Hills
- Silver Village Roofing Replacements – City of Livonia
- Municipal Buildings ADA Assessments and Recommendations – City of Warren



## Select Project Experience

- DPW Water Garage Break Room and Locker Room Renovations – City of Warren
- DPW Office Improvements – City of Berkley
- Public Safety Main Entrance Renovations – City of Berkley
- Fire Station #4 Roofing Replacement – City of Warren
- Fire Station Kitchen Renovations, Multiple Stations – City of Warren
- Farmers Market Renovation Conceptual Designs – City of Holt
- Multiple Building Demolitions – City of South Lyon
- Youth Recreation Center Building Assessments – City of Pontiac
- City Hall Masonry Repair Recommendations – City of Howell
- Fire Station HQ Masonry Investigation – City of St. Clair Shores
- Salt Storage Building – City of St. Clair Shores
- 50th District Courthouse Renovations – City of Pontiac
- Fire Station Headquarters – City of Cedar Springs
- Police Headquarters Locker Rooms Renovation – City of Warren
- City Hall Roofing Replacement – Milford Township
- DPW Renovation and Addition – Township of Independence
- Historic Grist Mill Building Assessment and Renovations – City of Linden
- Salt Storage Dome Building – City of Southfield
- City Hall Building Renovations – City of Howell
- City Hall and Fire Station Needs Assessment Study – Township of Manchester
- City Hall and Public Safety Building Assessments – City of Marysville
- Livonia Library Roofing Replacement – City of Livonia
- City Hall Building Renovations – City of Sylvan Lake
- City Hall ADA Assessments and Recommendations – City of Beverly Hills

### COMMERCIAL DEVELOPMENT

- Troy Location Lab and Office Improvements – Hubbell, Roth & Clark, Inc.
- Industrial Office Building Roof Framing Repairs – Lautrec, Ltd.
- Corporate Headquarters Renovations and Vestibule Addition – Hubbell, Roth & Clark, Inc.
- Interior Office Renovations – Lautrec, Ltd.
- Generator Enclosure – Hubbell, Roth & Clark, Inc.
- Interior Finish Selection and Millwork Designs – Metro Welding Supply Corporation
- Kingswood Hospital Roof Drainage Improvements – Ascension Health
- Exterior Façade and Roof Drainage Improvements – Providence Hospital Pavilion Office Building
- Kmart Façade Renovation – Sears Holdings Management Corporation

## Education

PhD, Civil & Environmental Engineering  
Wayne State University, 2016

MS, Water and Watershed Engineering  
Shahid Beheshti University, Iran, 2009

BS, Civil Engineering  
University of Semnan, Iran, 2007



## Experience

With HRC since 2017  
15 years of experience

## Professional Registration/Certification

Professional Engineer  
Michigan No. 6201066498

## Affiliations

River Assessment & Restoration 1 (Jim Selegean, PhD, PE, 2013)

River Assessment & Restoration 2 (Jim Selegean, PhD, PE, 2014)

Chi Epsilon National Civil Engineering Hour

American Society of Civil Engineers (ASCE)

Water Environment federation (WEF)

## Fatemeh Babakhani, PhD, PE Manager

Dr. Babakhani serves as a hydraulics manager within our civil department. She specializes in hydraulic and hydrology analysis, design, and software modeling, including EPA SWMM, HEC-RAS, and RIVERMorph. Her work experience includes drainage improvement projects, sediment transport, river restoration, dam removal, engineering design, technical calculations and writing, watershed management, stormwater assessment and management, design of green infrastructure, and permit acquisition.

She received her PhD in Environmental Engineering from Wayne State University in 2016. She has researched dam removal, sediment transport modeling, and river restoration topics. She has published several scientific papers on dam removal topics in the Journal of Hydrology.

## Select Project Experience

### WATER RESOURCES/WATERSHED MANAGEMENT

- Stream Baseline Assessment Hancock Drain JPA permitting – Delhi Charter Township
- Maxwell Tank Outlet Retrofit – Bloomfield Township
- Luz Drain Extension Red Maple Road – Bloomfield Township
- WaterCliff Drive Streambank Restoration – Bloomfield Township
- Stormwater Asset Management Plan Development – Bloomfield Township
- Hickory Grove Culvert Replacement – City of Bloomfield Hills
- Open Channel Inspection – Spicer Group and City of Bloomfield Hills
- Soccer Site Drainage Study – City of Farmington Hills
- Hills of Franklin Drainage Study – City of Farmington Hills
- JST Detroit Site Drainage Study – City of Farmington Hills
- Power Road Culvert Replacement – City of Farmington Hills
- Belaire Hills Drain County Drain Improvement – Eaton County Drain Commission
- Chris J Drain County Drain Improvement – Eaton County Drain Commission
- Lemon Drain County Drain Improvement – Eaton County Drain Commission
- Windsor Drain and Patterson County Drain Improvement – Eaton County Drain Commission
- Drainage Study for Pontiac Trail Storm System – Road Commission of Oakland County
- Stream Baseline Assessment Waldon Road Paving JPA permitting – Road Commission of Oakland County
- Walton Boulevard Culvert Replacement – Road Commission of Oakland County
- Drainage Study for I-75 BL (Woodward) and South Boulevard – MDOT
- Drainage Study for US-223 Rehabilitation from Ogden Highway to High – MDOT
- Drainage Study for M-99 Rehabilitation – MDOT
- Hydraulic Study for New Haven Bridge Replacement – HNTB Architects Engineers Planners

## Select Project Experience

- Scour Analysis for New Haven Bridge Replacement – HNTB Architects Engineers Planners
- Mound Road Post Construction Stormwater Runoff Control Program – HNTB Architects Engineers Planners
- Hydraulic Study for Jackson Bridge Rehabilitation – City of Jackson
- Scour Analysis for Jackson Bridge Rehabilitation – City of Jackson
- Eighth Street and S Avenue Culvert Replacement – Road Commission of Kalamazoo County
- Shiawassee River Culvert Replacement Project – Charter Township of Spring Filed
- Brookview Estates Culvert Design – Community E.S. Inc.
- Kirkham Drain Culvert Replacement – Den-Man Contractors
- Clinton River Streambank repair at River Crest – A condominium Management Co
- Partridge Creek Habitat Restoration – Macomb County Public Works
- Plumbrook Gibson Intercounty Drain Study – Macomb County Public Work
- Clinton River Corridor Restoration – City of Sterling Heights
- McBride Drain Habitat Restoration – Macomb County Public Works
- Develop Open Channel Field Reference Guides – Oakland County Water Resources Commissioner
- Floodway and Floodplain Modeling with HEC RAS Red Run Drain – Oakland County Water Resources Commissioner
- Study for the Repair, Maintenance, and Management of Red Run – Oakland County Water Resources Commissioner
- Gidding Road Hydraulic Study – Oakland County Water Resources Commissioner
- Avon Creek Phase IV Restoration – City of Rochester Hills
- Lower Grand River Watershed Wetland Mitigation Bank – Ottawa County Water Resources Commissioner
- Descriptions and Map Boundaries GIS SAW Grant Application – Macomb County Public Works
- Stormwater Management Plan (SAW Grant) – Delhi Charter Township
- Stormwater Management Plan – Oakland University
- Okemos Pointe Stream Mitigation/JPA Permitting – Okemos Pointe, LLC
- Adams Road Bridge Rehabilitation JPA Permitting – City of Rochester Hills
- Sylvan Glen Wetland Mitigation/JPA Permitting – City of Troy
- Townline Intercounty Drain JPA Permitting – Merit Energy
- Design Standards Evaluation and Update – Macomb County Public Works
- Watershed Management Certification Program – Michigan Department of Agriculture and Rural Development
- Floodplain Modeling and LOMR Allen Creek Drain – JC Beal Construction Inc.
- Oakland Hills Master Drainage Plan – Oakland Hills Country Club
- Huron Hills Golf Course Natural Channel Design – Washtenaw County Water Resources Commissioner
- Section 197 District Boundary Study – Washtenaw County Water Resource Commission
- Section 197 District Boundary Study – St Clair County and Eaton County Drain Commissioners
- EPA Design Sterling Relief Drain Retrofit – T R Pieprzak
- Innovation Hills Park Pond Design – City of Rochester Hills
- Marion and Genoa Drain Capacity Study – Livingston County Drain Commission
- Hydraulic Study for Spaulding Drain at the Confluence with Steel Drain – Kebs Inc
- Stormwater Management Plan Madison Heights Facility and Drainage Alternatives – SOCRRA
- Huron River Erosion Remediation and Habitat Restoration – Huron Clinton Metro Parkway

## MISCELLANEOUS

- Watershed Modeling with SWAT (Soil and Water Assessment Tool) – U.S. Army Corps of Engineers, Detroit District



## Education

BS, Electrical Engineering, Electric Power Engineering Certificate  
Michigan Technological University, 2014

## Experience

With HRC since 2014  
9 years of experience

## Professional Registration/Certification

Professional Engineer  
Michigan No. 6201067429  
Arizona No. 78720  
Illinois No. 062.075082  
Indiana No. PE12300258  
Ohio No. PE.89073

## Affiliations

Association



## Michael Roskelley, PE Manager

Mr. Roskelley is the manager of HRC's Electrical Department and has over nine years of experience within the Electrical Department. His responsibilities include project management and electrical design and specification, with a focus on power distribution systems, backup power generation systems, instrumentation, and controls. He also has experience in lighting design and in construction administration. Mr. Roskelley is proficient in CAD Design, specifically AutoCAD. He has experience on multiple projects that conform to MDOT, AASHTO, NEC, OSHA, and Federal/State Codes, Standards, Specification, Procedures, and Guidelines. He also has experience managing multi-discipline projects, including electrical, mechanical, civil, architectural, and structural engineering.

## Select Project Experience

### ELECTRIC VEHICLE CHARGING

- Macomb, Oakland and Wayne Terminal Bus Charging Stations – SMART Procurement Department
- Parking Lot Charging Station Replacement – 100 Plus, LLC
- Milford Proving Ground B16 Battery Lab and Wattzilla – GM Global Facilities
- Flint Paint Shop Parking Lot – GM Global Facilities
- Wells St. Parking Lot Electric Vehicle Charger – City of South Lyon
- Cedar Springs Fire Station – City of Cedar Springs
- Electric Vehicle Charging Study – Village of Franklin
- City Complex Electric Vehicle Charging Stations – City of Farmington Hills
- City Hall Parking Lot Improvements – City of St. Clair Shores
- Electric Vehicle Supply Equipment - Taylor Ford, Klaben Ford of Kent, Klaben Ford of Warren, Village Ford of Dearborn, Mission Ford of Dearborn, Serra Ford of Farmington Hills, Grapevine Ford, Grand Prairie Ford, Mangold Ford, Friendly Ford of Monroe, Reliable Chevrolet of Richardson, North Brothers Ford of Westland – Charge Infrastructure
- GM Community Program for the City of Dearborn – Charge Infrastructure

### PARKING, PAVEMENT AND STREET LIGHTING

- Water Resource Recovery Facility Front Entrance Rehabilitation – Great Lakes Water Authority
- Parking Lot Improvements – City of St. Clair Shores
- Enterprise Holdings Parking Lot Lighting Design – Wayne County Airport Authority

### PARKS AND RECREATION

- Veteran's Park Improvements – City of Ann Arbor
- Hartland Parks Pavilions – Township of Hartland
- Lake St. Clair Metropark Electrical Evaluation and Upgrades – Huron-Clinton Metropolitan Authority
- Eagles Wooden Park Improvements – City of Linden
- Utility Improvements for Groveland Oaks County Park – Oakland County
- Springfield Oaks Water Quality – Oakland County Parks and Recreation Commission

## Select Project Experience

- City Parks Improvements, Various – City of Warren

### MUNICIPAL CONSULTING

- Grand Blanc Office Building Assessment – Ascension Health
- Code Reviews, Various – Bloomfield Township
- Portable Generator Analysis and Specification – Delhi Charter Township
- City Hall Campus Electric Vehicle Study and Design – City of Farmington Hills
- Grand Rapids Water Resource Recovery Facility Headworks Evaluation – City of Grand Rapids
- Marina Evaluation – City of Grosse Pointe Park
- Linden Grist Mill Assessment – City of Linden
- Township Hall Generator Improvements – Milford Township
- Pontiac Youth Center Assessment – City of Pontiac
- Phoenix Center Lighting Study – City of Pontiac
- Cellular Tower Metering Study – City of Southfield
- Wixom Infrastructure Analysis – City of Wixom

### MUNICIPAL FACILITIES

- Department of Public Services Generator Replacement – City of Birmingham
- Recycle Pad Cardboard Compactor – Delhi Charter Township
- City of Jackson Fire Pit – City of Jackson
- Moores Park Dam Remote Control Project – Lansing Board of Water and Light
- 50th District Court Evaluation – City of Pontiac
- City Hall Assessment – City of Pontiac
- 50th District Court HVAC Improvements – City of Pontiac
- Laboratory Improvements– Road Commission for Oakland County
- New Electric Shop Building – Road Commission for Oakland County
- DPW Water Garage Improvements – City of Warren

## Education

BS, Civil Engineering  
University of Detroit Mercy, 2012

## Experience

With HRC since 2023  
12 years of experience

## Professional Registration/Certification

AKT Peerless 2012 to 2013 (8 months)  
Roth Brothers 2013-2014 (1 year)  
Diffin-Umlor & Associates  
2014-2016 (2.5 years)  
HRC 2016-2022 (5.5 years)  
Charge Enterprises 2022-2023 (1.5 years)  
HRC (present)

## Affiliations

Professional Engineer, Michigan  
License #: 6201312940



## Adam Uhlianuk, PE

### Senior Project Engineer

Adam Uhlianuk is a Sr. Project Engineer with Hubbell, Roth & Clark, Inc. His primary work experience includes being a team leader in the design and construction administration for EV charging stations, electrical equipment systems, local road projects, MOT plans, SESC plans, parking lot design, ADA accessibility design standards, storm sewer drainage system design and analysis, along with typical pavement section design. Other experiences gained over the past decade of providing engineering consulting services include construction administration, project management, site plan review for local municipalities, local road grant funding applications, leading MDOT local letting road projects, TAMC Paser Road Rating, cost estimating, underground utility coordination, and drainage system calculations and design. Work experience from past positions includes transportation and road design, project management of large-scale residential and commercial developments, boundary and ALTA survey plan preparation, as-built documentation, and subsurface site remediation and reporting.

## Select Project Experience

### EV CHARGING STATIONS/ELECTRICAL

- ADSTEC DCFC Battery Boosted EV Charging Station – Suburban Chrysler Dodge Jeep Ram of Troy
- Camelback Hyundai of Phoenix EV Charging Station Project - Camelback Hyundai of Phoenix Arizona
- Crest Cadillac EV Charging Station Project – Crest Cadillac Frisco, Texas
- Taylor Ford EV Charging Station Project – Taylor Ford Dealership Taylor, Michigan
- Klaben Ford of Warren EV Charging Station Project – Klaben Ford of Warren Dealership Warren, Ohio
- Village Ford EV Charging Station Project – Village Ford Dealership Dearborn, Michigan
- Willow Metropark Golf Course Electric Golf Cart Storage Charging Center with options for Integrated Roof Mounted Solar Array, Natural Gas Standby Generator, and Public Access EV Charging Station – Huron-Clinton Metroparks

### SOLAR STUDIES

- Willow Metropark Golf Course EV Cart Storage Building Solar Feasibility Study – Huron-Clinton Metropolitan Authority New Boston, Michigan

### WATER TREATMENT/DISTRIBUTION

- Building 607 Parking Lot and Canopy Design, and Lighting Construction Administration – Wayne County Airport Authority
- Orchard Lake Pavement Repair and ADA Assessment Project – City of Pontiac
- Westlake and Stone Creek Subdivision Rehabilitation SAD Project - City of Farmington Hills
- Halsted Road Reconstruction and Retaining Wall Design Project – City of Farmington Hills
- Goddard Road Reconstruction and Drainage Improvement Project - Wayne County Airport Authority
- Vanguard Drive Roller Compact Concrete (RRC) Pilot Program Project – City of Pontiac

### SITE/CIVIL CONSULTING (PRIVATE DEVELOPMENT)

- John D. Dingell Dr. Concrete Retaining Wall Patching and Decorative Fence Rehabilitation - Wayne County Airport Authority



## Select Project Experience

- Wayne and Vining Road Airfield Driveway Reconstruction and Security Improvement Project - Wayne County Airport Authority

**OWNER**

City of Birmingham Engineering Department  
151 Martin Street  
Birmingham, Michigan 48009

*Melissa Coatta, PE*  
City Engineer  
(248) 530-1839

**HRC PROJECT NUMBER**

20170989

**START DATE**

October 2018

**COMPLETION DATE**

August 2019

**CONSTRUCTION COST**

\$643,000

**CONCEPTUAL & DESIGN BUDGET**

\$83,200

**CE BUDGET**

\$15,000

The City of Birmingham retained HRC to provide professional engineering and architectural services to rebuild their existing Parking Lot #6. This parking lot is in the north part of downtown Birmingham and is highly utilized throughout the day. The Rouge River forms the eastern border of this public property, and a wooded area between the parking lot and the river provided visual screening of this commercial area from the residential homes on the other side of the river.

The City's goals for the project included providing additional metered parking spaces, upgrading the lighting, utilizing "green infrastructure" to mitigate stormwater runoff that drained directly to the river, and enhancing the parking lot by improving pedestrian access and landscaping. HRC provided concept plans for various alternatives and assisted City Staff with presentations to the Parking Committee, Planning Board, and City Commission.

Once a concept was selected for implementation, HRC prepared construction plans and specifications. Major components of the work included:

- New row of perpendicular parking spaces
- Relocating an existing spillway that had allowed stormwater runoff to be directly discharged to the river with a new spillway and curb-cuts along the edge of the parking lot to deliver the runoff to a newly constructed bio-swale. The bio-swale meanders through the natural area between the parking lot and the river, preserving as many existing trees and vegetation as possible. The bio-swale benefits water quality by slowing the runoff to allow suspended sediment to settle, while native plants and trees absorb pollutants and provide habitat for wildlife.
- Constructing a flagstone surfaced overlook to the river with ledge rock steps at the former location of the spillway.
- Constructing islands in the parking lot at select locations to provide landscaping areas and safer vehicle circulation. Reconstructing the center island with additional width to serve as a pedestrian walkway.
- New decorative light poles were installed. Native plantings were used throughout the project, and a new irrigation system was provided for the landscape islands.

During construction, HRC assisted the City with contract administration, including shop drawing review, survey/layout of key components, and as-needed field engineering.



# Washtenaw County Water Resources Commissioner

## OWNER

Washtenaw County Water Resources Commissioner  
705 North Zeeb Road  
Ann Arbor, MI 48103

*Evan Pratt,*  
*Washtenaw County Water Resources Commissioner*  
*(734) 222-6860*

## HRC PROJECT NUMBER

20190870

## COMPLETION DATE

June 2021

## PROJECT BUDGET

\$1.22 million

## PROJECT TEAM

City of Ann Arbor Systems Planning  
City of Ann Arbor Parks and Recreation  
Hubbell, Roth & Clark, Inc.  
InSite Design Studio, Inc.  
All Star Power

## KEY PERSONNEL

James Burton, PE  
Fatemeh Babakhani, PhD, PE  
Andy Groat

## NOTABLE FEATURES

- Improve Water Quality and Habitat
- Increase Storage Capacity
- Restore Connectivity and Long-Term Stability of Drain

## Huron Hills Golf Course Stormwater Improvements

Hubbell, Roth & Clark, Inc. (HRC) was hired by the Washtenaw County Water Resources Commissioner's Office and the City of Ann Arbor to provide stream restoration and wetland treatment areas, water quality and habitat enhancement design, oversee site assessment, and obtain necessary permits for the new Benz Creek Drain on the Huron Hills Golf Course. The golf course is owned by the City of Ann Arbor and operated by Ann Arbor Parks and Recreation Department. The project was financed via the Clean Water State Revolving Fund (CWSRF) nonpoint source category in 2019.

Previously, there were a number of issues on the golf course, including stream bank erosion, periodic flooding, limited stormwater detention, and limited water quality treatment. Further, the stream corridor provided limited aesthetic value to the course.

The project includes creating bioretention and the relocation and restoration of 970 feet of meandering wet meadow stream, including the establishment of riparian vegetation with herbaceous understory and low growing shrubs through the Huron Hills Golf Course. The stream was designed to mimic a natural, self-sufficient stream with pools and riffles. The stream was relocated and lengthened to increase sinuosity. Bankfull benches were implemented to increase the wetland habitat. The new design alignment significantly improved water quality and stream habitat. Floodplain wetlands with off-line vernal pools were established to provide stormwater treatment before out letting. The bioretention wetlands that were placed between the outlet of the enclosed storm system from the adjacent subdivisions and the creek improve water quality before entering the Huron River, particularly through the reduction of total suspended solids (TSS), total phosphorus (TP), and E. coli. HRC also replaced failing and undersized culverts to address erosion and pinch point concerns at several golf cart crossings. Monitoring of the stream and rain gardens will continue for five years. The overall outcomes of this project

- Created 280 feet of additional stream and in-stream structures, including:
  - 335 feet of stone toe bank stabilization
  - 26 instream pools
  - 11 constructed riffles and 15 natural riffles
  - Planting of native trees, shrubs, plugs, and seeds.
- Reduced bank erosion.
- Improved water quality entering the Huron River by reducing TSS and phosphorus loading.
- Created an ecologically diverse and resilient natural habitat corridor.
- Improved the current flood conveyance capacity.





## Commerce, Walled Lake, and Wixom Trailway Management (CW2) Council

### MI Air Line Trail

#### OWNER

City of Wixom  
49045 Pontiac Trail  
Wixom, MI 48393

*Tim Sikma*  
DPW Director  
(248) 624-0141

Commerce, Walled Lake, and Wixom  
Trailway Management (CW2) Council  
2009 Township Drive  
Commerce Township, MI 48390

*John Hensler*  
Manager  
(248) 506-0942

#### HRC PROJECT NUMBER

20200467

#### DESIGN COMPLETION

November 2021

#### CONSTRUCTION COMPLETION

November 2022

The City of Wixom with collaboration with Milford Township, and the Commerce, Walled Lake, and Wixom Trailway Management (CW2) Council and other stakeholders extended the MI Air Line Trail approximately 2.4 miles for a shared-use, non-motorized path from Old Plank Road to Wixom Road.

HRC provided design and construction engineering services for the following tasks:

- Full topographic survey
- Wetland Delineation
- Maintenance of Traffic
- Design of Pathway and Parking Areas
- Design of Pedestrian Crossings and Traffic Calming including a new HAWK and RRFB signal
- Assistance with Funding Applications
- Easement acquisition
- Engage with Stakeholders and Public for Input and Coordination
- Plans, specifications, and cost estimate for MDOT bid letting
- Construction Layout
- Construction Observation and Contract Administration
- Material Testing





# Delhi Downtown Development Authority

## **OWNER**

Delhi DDA  
4410 Holt Road  
Holt, MI 488422

*Mr. Howard Haas*  
*Executive Director*  
*(517) 699-3866*

**HRC PROJECT NUMBER**  
20160766

**CONSTRUCTION START DATE**  
March 2019

**CONSTRUCTION COMPLETION DATE**  
August 2019

**FINAL PROJECT COST**  
\$1.1 million

## **SERVICES PROVIDED**

Planning, civil engineering, environmental assessment/engineering, structural, electrical engineering, survey, ROW, bid phase, permit application, and construction administration

## **Esker Landing Park**

The Delhi Downtown Development Authority received a \$400,000 Trust Fund Grant through the Michigan Department of Natural Resources (MDNR) to develop a regional. HRC provided several conceptual designs before a final alternative was selected.

The final design consisted of:

- Floating dock with ADA-compliant kayak launch and fishing dock
- HMA trail to connect the dock to a new parking lot and the existing trail system
- Prefabricated restroom with maintenance and electrical rooms
- Site lighting system
- New parking lot
- New landscaping

The project was partially funded through the MDNR grant, which required strict adherence to ADA requirements. HRC ensured requirements were satisfied and provided supporting documentation. HRC's services included:

- Conceptual and Final design of new park and trail featuring kayak launch
- Design adhered to ADA requirements to meet grant requirements, including ADA-compliant kayak launch
- Pedestrian bridge design to cross existing county drain
- New prefabricated restroom and storage structure
- Permitting included EGLE, Ingham County Road Commission, and Ingham County Drain Commission
- Site lighting
- Full topographic site survey
- Construction staking, observation, and management
- Rain Garden
- Landscaping



# Hartland Township

## OWNER

Hartland Township  
2655 Clark Road  
Hartland, MI 48353

Mr. Bob West

Township Manager  
(810) 632-7498

[rwest@hartlandtwp.com](mailto:rwest@hartlandtwp.com)

## HRC PROJECT NUMBER

20150525

## CONSTRUCTION START DATE

Summer 2017

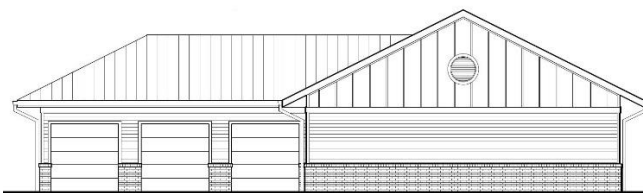
## CONSTRUCTION COMPLETION

DATE

Fall 2017

# Heritage Park and Settlers Park

Hubbell, Roth & Clark, Inc. (HRC) provided construction documents, bidding assistance, construction administration, and construction observation services for new pavilion facilities in Hartland Township at two different parks. The structure at Heritage Park consists of restroom facilities, a snack bar, a covered picnic pavilion, and equipment storage. The buildings at Settlers Park include a restroom facility with equipment storage and a separate covered picnic pavilion. The pavilions are considered summer-use buildings only with no heating, and the design included energy-efficient electrical, lighting, and ventilation. The restroom doors at the facilities are also operated on a timer lock system, so Hartland staff do not have to lock and unlock the doors daily, saving time and effort.



WEST ELEVATION  
SCALE: 3/4" = 1'-0"



EAST ELEVATION  
SCALE: 3/4" = 1'-0"



# City of Rochester Hills

## Innovation Hills

### OWNER

City of Rochester Hills  
1000 Rochester Hills Drive  
Rochester Hills, MI 48309  
Mr. Ken Elwert, CPRE  
Director of Parks and Natural Resources  
(248) 656-4640

### HRC PROJECT NUMBER

20170822

### SCHEDULED COMPLETION DATE

August 2019

### PROJECT BUDGET

\$3.5 million

### PROJECT TEAM

Hubbell, Roth & Clark, Inc.  
T.R. Pieprzak  
Scott Sherman Nurseries

### Awards

- 2021 ACEC Michigan Engineering Merit Award Winner
- 2021 APWA Michigan Project of the Year — Quality of Life \$5 Million to \$25 Million
- 2021 ASCE Michigan Quality of Life Merit Award Winner

The City of Rochester Hills retained Hubbell, Roth & Clark, Inc. (HRC) to provide engineering, structural design, surveying, material testing, and construction oversight for recreation, stormwater, and habitat enhancements at Innovation Hills, which the City owns. The location along the Clinton River, access from regional trails, and on-site natural resources made this park prime for improvement.

The HRC Team provided design, site plan development, MDEQ Joint permit application and SESC permit administration, and construction oversight for the design-build project.

The project's focal point was a stormwater detention pond designed to be a water feature with waterfalls. Trails and boardwalks were designed to be universal-design-compliant pedestrian pathways throughout the park and wetlands. Tree tagging and surveying were done to ensure minimal tree removal and to allow the path and boardwalk to meander naturally within the park.

Electrical service was designed and coordinated with DTE, and water lead extensions were designed to meet current and future park needs. A kayak landing is being constructed, as well as a mounded sundial and gazebo. Additional amenities include rain gardens, interpretive signage, seating, Universal Design-approved restrooms and drinking fountains, and landscape areas, thus establishing a sense of place and destination.

This project provided:

- Reductions in soil erosion and sedimentation
- Enhanced aquatic and terrestrial habitat
- Enhanced access to the water
- A multi-generational attraction to the City
- Demonstration of the City's sustainable parks and recreational development
- Water quality enhancement initiatives

### Notable Features

- Universal Design Boardwalk
- Universal Design Pathway
- Kayak Landing
- Vault Restroom
- Rain Garden
- Stormwater Ponds





# Serra Ford of Farmington Hills

## **OWNER**

Serra Ford of Farmington Hills  
For Greenspeed Energy Solutions LLC,

*Brian Graysmark, Project Manager*  
*bgraysmark@greenspeed.com*  
*(248) 863-8475*

## **HRC PROJECT NUMBER**

20230731

## **START DATE DESIGN**

November 2023

## **COMPLETION DATE**

February 2024

(New switchgear delivery date)

## Dealership EV Charging Stations

Hubbell, Roth & Clark, Inc. (HRC) completed plans and specifications for the design of two 180kW DC fast charging stations, six 19.2kW Level 2 AC charging stations, and 11 NEMA 14-50 receptacles for electric vehicle charging at the Serra Ford of Farmington Hills dealership and maintenance garage bay areas. The project included a new service request with DTE and a new custom-built switchgear with an integrated step-down transformer internally housed in one unit for AC and DC chargers. This project was contracted through Greenspeed Energy Solutions LLC. HRC has been providing engineering design services for Greenspeed on multiple different projects across the U.S.

HRC provided construction engineering services during the bidding and construction process regarding the award and installation of the EV charging stations. During this portion of the project, HRC provided engineering support to Greenspeed project management members with preparing RFI responses, bulletins, and shop drawing reviews for electrical supply equipment.

The following equipment was designed and installed as part of the project:

- Two 180kW Autel DC Fast Chargers
- Three 19.2kW Autel Dual Port AC Chargers
- NEMA 3R 2000A Switchgear Cabinet with Integrated CT and Stepdown XFMR
- One 400A Distribution Panel for 11 NEMA 14-50 Receptacles





# SMART Bus Oakland Terminal Bus Charging Station

## OWNER

Suburban Mobility Authority for  
Regional Transportation (SMART)

*Mr. Thomas Dick, Facilities Project  
Manager*

*Tdick@smartbus.org*

*586.421.6551*

## HRC PROJECT NUMBER

20200911

## START DATE DESIGN

November 2020

## COMPLETION DATE

December 2022

## Electric Bus Charging Terminal for SMART

HRC completed plans and specifications for the design of a DC Fast Charging Bus Station at the SMART Oakland Terminal. This station provided the ability to 'fast-charge' SMART's initial (4) fully-electric buses. HRC worked with the bus manufacturer to determine equipment sizes and spacing for the layout, reviewed available power capacity within the building, and coordinated with DTE Energy to ensure that the utility could support the fast-charging equipment. HRC then prepared a layout for the parking spaces and charging stations, and then designed the electrical infrastructure necessary for the chargers. Bid documents were prepared in cooperation with SMART procurement.

HRC also provided construction engineering services associated with the installation of the bus charging stations. This included reviewing all contractor product submittals, providing support for contractor requests for information, onsite construction observation, and the final punchlist for the project.



HRC has provided the following references that will attest to our expertise and professionalism. We have enjoyed long-term relationships with many communities and agencies, which is a testament to our dedication to meeting the client's expectations with regards to engineering, scheduling, and budget adherence.

**1. CITY OF ROCHESTER HILLS** 1000 Rochester Hills Drive Rochester Hills, MI 48309



**Ken Elwert**

*Parks & Natural Resources Department, Director*

(248) 656-4673

elwertk@rochesterhills.org

**2. CITY OF BERKLEY**

3338 Coolidge Hwy. Berkley, MI 48072



**Dan McMinn**

*Parks & Recreation Department, Interim Director*

(248) 658-3470

dcmminn@berkleymich.net

**Matthew Baumgarten**

*City Manager*

(248) 658-3350

mbaumgarten@berkleymich.net

**3. CITY OF WARREN**

5460 Arden Ave. Warren, MI 48092



**Dino Turcato**

*Parks & Recreation Department*

(586) 268-8400

dturcato@cityofwarren.org

**4. CITY OF ANN ARBOR**

301 E. Huron St. Ann Arbor, MI 48104



**Adam Fercho**

*Parks & Recreation Park Planner*

(734) 794-6230

afercho@a2gov.org

As noted in our cover letter we have assembled our team with the intent to provide expertise for all elements proposed to be improved within Booth Park.

#### TEAM ROLES:

In brief, each firm's role is as follows:

**GMA**, being a landscape architectural and urban design firm, will lead our team to provide an overall unified design vision for the park improvements and act as the project manager and key point of contact. We will be the chief presenter at stakeholder and review meetings. We will provide the majority of the graphics and exhibits presented during the preliminary design phases. Together with HRC we will provide construction documents for the plaza, walk, and trail. We shall also provide the construction detailing for the landscaping including the bioretention area plantings, seating and other site amenities, trail markers, and signage. During construction, we shall provide construction administration for the items we have documented.

**Peterhans, Rea + Roman**, is our team's architectural designer who will develop customized designs for significant elements within the park including the restrooms, trail markers, gateway elements, signage, and the donor bench to represent the city, park, trail, and donor. Working with GMA and HRC they shall provide detailed design sketches to aid in construction document development. They shall also review construction submittals to ensure all elements are built and finished as designed.

**HRC** is a multi-disciplinary engineering and architecture firm whose responsibilities will be for the design of site grading and paving, stormwater management and bio-swale design, site electric and lighting, and sewer and water services. They shall provide engineering and construction documentation of the restroom building. HRC will complete the topographic survey for the site as well as lead the effort for securing the EGLE permit for work in the regulated floodplain for the Rogue River. HRC will also take the lead in engaging the city with potential options for electric vehicle (EV) charging in a street parking application. During construction, HRC will be the lead consultant for construction administration.

#### TEAM APPROACH AND COORDINATION:

Our project approach starts with our team doing due diligence to thoroughly understand the project, available resources, and history of all that has transpired to create the Trail Improvement Concept Plan and current program. This will include seeking stakeholder input through meetings, calls, and other correspondence.

Next, we will translate this to develop our signature comprehensive preliminary design package. We have had tremendous success with our design packages when working on public projects with many diverse interests. Our package will consist of:

1. Photos and plans of the current conditions in the park with assessments of opportunities and constraints to discuss from.
2. Numerous images showing inspirational solutions to meet and exceed the program goals. The images we provide will not only clearly portray our team's vision of the park's potential but will illustrate materials we feel are appropriate to reinforce Birmingham's character with distinction. We have found that these inspirational images ignite participation in a fun and productive manner.
3. In addition, the package will include rendered plans and custom graphics pulling together the ideas portrayed in the images to aid all stakeholders to envision how the varied program items and be united to distinguish Booth Park as a key component of the Birmingham Community as well as provide a flexible setting geared for multiple uses for a variety of events and trailhead identity.



4. The RFP indicated that alternatives for the restroom construction will be considered. During this preliminary design stage, we will provide examples of both prefabricated and constructed-on-site buildings and design sketches of customized restrooms for review. While there are many options for high-quality, durable, prefabricated buildings, the architectural style will have some limitations. A custom-designed building will allow more options, materials, and styles for how they are combined to work together. Our team has experience with both approaches and is confident a suitable solution can be found that meets the needs of this project.

Once a general design direction is approved, our team will work in conjunction with your parks and recreation department and other city and relevant stakeholders to put together a relative order of magnitude budget to develop a defined scope for the construction and permit documents.

As we develop the construction documents, we shall undertake the following:

HRC will complete the topographic survey for the site and map the regulated floodplain and floodway. The survey will be completed on the City's vertical datum and require a conversion of the official floodplain elevation that is published by FEMA on a different datum. If a significant difference is found between the published floodplain location, and that derived from actual site topography, HRC can assist the City with requesting a change to the floodplain location (Letter of Map Revision). Understanding where the floodplain is shown on regulatory maps and where it actually is during a flood event is critical to siting the proposed restroom structure. If the restroom is proposed within the floodplain or floodway, then obtaining the EGLE-USACOE Joint Permit (Part 31 – Floodplain Regulatory Authority) will be more challenging. Performing the Hydrologic & Hydraulic Study for this reach of the Rouge River may be necessary to accurately determine the floodplain boundaries and constraints on potential site improvements. Another constraint for locating the restroom on the park site is the presence of multiple sewer easements where the Birmingham CSO Drain and Evergreen Farmington Drain traverse beneath the site. HRC was the design engineer for those projects and can design the proposed features to minimize potential negative impacts on the County drains. HRC has good working relationships with EGLE's SE Michigan District Office and with the Oakland County Water Resources Commissioner, which will be integral in securing the needed permits or agreements to complete the project.

GMA and HRC will work together on the plaza paving and trail layout. Throughout the conceptual and detailed design phases, HRC will design the grading plans ensuring the site is ADA accessible. HRC has extensive experience with designing publicly accessible trails and paths and understands the requirements that must be met for various surface materials that might be selected for use on the project (brick or stone pavers, concrete, asphalt, or gravel). The choice of materials used for pedestrian surfaces in the park can make a significant contribution to the overall aesthetics. An interesting approach to using the pavement surface as an artistic feature was developed for Innovation Hills Park in Rochester Hills, where fluorescent aggregates were used in the concrete pavement to create glow-in-the-dark accents and symbols.

HRC will provide documentation for construction of the restrooms to the amount appropriate whether they are prefabricated or entirely custom. With either approach, HRC will provide structural engineering of the building foundation, the design for sewer, water, and electrical services. The restroom building is intended to be open to the public year-round so provisions for heating the structure will be needed and electric heaters are the usual approach. Ventilation fans will also be likely needed as open windows/vents are not practical in the winter months.

GMA and HRC will work together on the bio-swale feature to be incorporated into this project. HRC will analyze the anticipated rate and volume of runoff generated from the proposed-on-site improvements, as well as what is practical to divert from the

paved road surfaces adjacent to the park (Old Woodward and Harmon), to design the bio-swale to meet expected water-quality improvement standards. HRC regularly performs stormwater runoff studies for the City and can maximize the potential benefit of this project for diverting stormwater that currently drains to the City's combined sewers, for which the City sewer customers have to pay to get treated as sewage. HRC was a significant participant working on the development of the current stormwater standards for the Oakland County Water Resources Commissioner that have been adopted by the City and has a wide array of practical experience for designing effective, maintainable stormwater quality improvement projects. Projects at City parking lot #6 and parking lot #5 are examples of this, as well as the conceptual development of the stormwater detention and rain garden feature constructed with the latest S. Old Woodward reconstruction project. Proper plant selection is crucial for the bio-retention feature, and GMA's vast experience with these types of projects will ensure it will be beautiful to look at and be functionally effective, maintenance-friendly, and sustainable.

HRC's Electrical Department has the expertise for designing electrical services and systems for the restroom building, on-site outlets, and site lighting. HRC can perform photometric surveys and analysis to ensure that proposed lighting provides an appropriately well-lit site, meeting City zoning requirements and not being a nuisance to neighboring properties.

The RFP requested an evaluation of the opportunities for providing EV charging at nearby street parking along Old Woodward. HRC has been designing EV charging in a variety of situations for many years, including a charging station at HRC's office in Bloomfield Hills that was installed over 10 years ago. This charging station can charge two cars at the same time. HRC will be able to lead a discussion with City stakeholders over EV charging in a street parking environment, and present potential options for charging, associated power requirements and costs, and industry trends. If the City elects to pursue the design and installation of EV charging with this project, HRC has the expertise to provide the detailed design.

We will provide an "owner" review set at 75% and 90% completion of the construction bid package and update our drawings to address comments to complete the construction bid package documents.

Our team will work with your designated "owner" representative through the bidding process, including providing a thorough review and evaluation of all bids.

HRC will take the lead in the construction administration effort on this project. All the members of our team have experience in providing construction administration services on the projects we design. Review of shop drawings, survey layout of features to be constructed, site inspections, and preparing contractor payment requests and other contractual correspondence are regular tasks we undertake. HRC as an added benefit has worked on numerous City projects and understands how to coordinate with City inspectors, staff, and the various departments that might have an interaction with this project.

We have provided a breakdown of our team's proposed fee based on the categories provided in Attachment C – Cost Proposal. However, we would like to present a more detailed breakdown and explanation of our effort and associated fees that we believe will likely be needed for this project. We have included tables that show our estimated hours for the various tasks that support our proposed fee.

The City of Birmingham expects high-quality, well-thought-out projects, and the experienced citizens who volunteer for the various boards and committees in the City usually provide valuable feedback during conceptual planning of projects. The RFP requested that we should expect to attend 6 to 8 meetings with “various Boards and City Commission”, but did not clarify which boards, what sequence, or how detailed the plans would be that are presented. At the mandatory pre-bid meeting held on site, it was our understanding from statements made that the concept presented with the RFP was expected to be further developed by the consultant team under this project and that major elements of the design, such as the location of the restroom building, would be likely changed. For our proposal, we are assuming that we would first develop preliminary plans that present our interpretation of the concept provided applied to the actual site considering accurately depicted grading and location of utilities and other features. Our developed preliminary plans will be presented sequentially to the Parks & Recreation Board (meets once per month), the Planning Board (meets once or twice per month), and finally the City Commission after receiving recommendations for approval of the preliminary plans by the other Boards. This process, as well as any other public engagement that we are directed to undertake (such as Engage Birmingham and processing of feedback, or neighborhood meetings), will take some time. Please note that our goal is to provide an efficient process seeking consensus and approvals from all stakeholders. We welcome the opportunity to sit down initially with you to review our proposed approach and find ways to improve it. Based on our assumptions, the best-case scenario that we envision is outlined in our proposed Project Timeline and will still require us to begin detailed design prior to receiving City Commission approval of the concept (to be presented at the 6/24/24 meeting). We believe that even if the timeline ends up shifting the date of when final plans are complete and put out for contractor bidding, the proposed spring 2025 start of construction is still a very reasonable assumption. Instead of including all of the Preliminary Design costs in the meeting fee category or with the costs for the development of construction plans and specifications, we have those costs shown as a Miscellaneous category. The fees under meetings cover the attendance and presentations at the meetings only, and under construction plans and specifications, those costs are for final development after the Preliminary Design is approved.

For the restroom building, the RFP indicated that a prefabricated building would be designed, and an alternate was desired for a custom-designed, constructed on-site building. We believe these are two fundamentally different options for the building and the decision for which type of building should be made during the Preliminary Design Phase. Therefore, our base fee includes costs assuming the prefabricated building is selected. Under the Alternate Item category, we include additional costs that would only be incurred if the custom-designed, constructed-on-site building was selected (upcharge to estimated effort for prefabricated building).

The Scope of Work in the RFP indicated that EV charging along Old Woodward is a possible part of the project, but not a certainty. Our experience with EV charging stations tells us that it may not be simple to design to “potentially accommodate” these facilities. There are different types of chargers and significantly different electric power supply requirements between them. We believe that a discussion about potential EV charging should be held during the Preliminary Design phase. This discussion can be on a separate track from the main project, as it would be recommended that the Advisory Parking Committee be included in the process. Our base fee does not include costs for developing detailed design of EV charging stations. However, we included costs under the Miscellaneous category for performing this preliminary effort. If the City elects to proceed with the inclusion of EV charging stations in the

project, we included our estimated fee for completing detailed construction plans and specifications, along with associated construction administration, under the Alternate Item category.



**MARCH 18, 2024**

Contract Award

**MARCH 19 - APRIL 5, 2024**

Due diligence, inventory & topographic survey, stakeholder scope, and programming meetings.

**APRIL 8 - JUNE 14, 2024\***

Schematic design, stakeholder review meetings, preliminary budgeting.

**JUNE 17 - JULY 10, 2024**

EGLE pre-app meeting & permit submission. Design Development Plans for Owner's review. (75%)

**JULY 10 - OCTOBER 10, 2024**

Continue construction document development, and update per owner review comments. Second Owner review at 90%. EGLE review of EGLE-USACOE JPA (up to 90 days for administratively complete applications). If required by EGLE, complete the H&H study and resubmit it to EGLE. Otherwise, when EGLE-USACOE JPA is approved, finalize construction documents and issue 100% complete construction drawings, specifications, and bid documents to the City.

**NOVEMBER 2024 - FEBRUARY 2025**

Solicit bids from contractors, and award contract; dates TBD.

**MARCH 2025**

Begin construction? Schedule TBD.

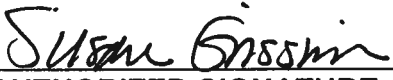
Note - After a review of the 2024 schedules available online for City Commission and other Boards, as well as considering our proposed start date for the project, we feel that the earliest meeting that we would be able to present the project to the City Commission is on June 24, 2024. If more meetings are needed in the Preliminary Phase, the project timeline will have to be adjusted accordingly.

**ATTACHMENT B - BIDDER'S AGREEMENT**  
**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

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In submitting this proposal, as herein described, the Consultant agrees that:

1. They have carefully examined the specifications, terms and Agreement of the Request for Proposal and all other provisions of this document and understand the meaning, intent, and requirement of it.
  
2. They will enter into a written contract and furnish the item or items in the time specified in conformance with the specifications and conditions contained therein for the price quoted by the proponent on this proposal.

Susan L. Grissim PLA, ASLA	February 22, 2024
<b>PREPARED BY</b> (Print Name) Vice President   Principal	<b>DATE</b>  February 22, 2024
<b>TITLE</b>  	<b>DATE</b>  sueg@gma-la.com
<b>AUTHORIZED SIGNATURE</b>	<b>E-MAIL ADDRESS</b>
Grissim Metz Andriese Associates	
<b>COMPANY</b>	
15000 Edward N Hines Drive, Suite A, Plymouth, MI 48170 248-347-7010	
<b>ADDRESS</b>	<b>PHONE</b>
<b>NAME OF PARENT COMPANY</b>	<b>PHONE</b>
<b>ADDRESS</b>	

Note:

At the request of our insurance company, we suggest the following Indemnification clause in lieu of Paragraph 10, Attachment A:

To the fullest extent permitted by law, Consultant shall indemnify Client, its officers, directors, partners, employees, and representatives from and against losses, damages, and judgments arising from claims by third parties, including reasonable attorneys' fees and expenses recoverable under applicable law, but only to the extent they are found to have been caused by a negligent act, error, or omission of Consultant or Consultant's officers, directors, members, partners, agents, employees, or subconsultants in the performance of services under this Agreement.

**ATTACHMENT C - COST PROPOSAL**

**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

In order for the bid to be considered valid, this form must be completed in its entirety. The cost for the Scope of Work as stated in the Request for Proposal documents shall be a lump sum, as follows:

*Attach technical specifications for all proposed materials as outlined in the Consultant's Responsibilities section of the RFP (p. 6)*

<b>FEE PROPOSAL</b>	
<b>ITEM</b>	<b>BID AMOUNT</b>
Topographical Survey	\$ 5,000
Construction Plans	\$ 42,400
Specifications	\$ 12,000
Permits (other than City)	\$ 3,800
Meetings (6-8)	\$ 11,300
Construction Administration	\$ 36,600
Miscellaneous: Any other items not listed above. Detail below or attach:	
Preliminary Design Phase	\$ 20,700
EV Charging Conceptual Development	\$ 5,500
<b>Total Base Bid Amount</b>	<b>\$ 137,300</b>
<b>ALTERNATE ITEM (If Necessary)</b>	<b>BID AMOUNT</b>
Hydrologic & Hydraulic (H & H) Study	\$ 29,800
Additional per Meeting Fee	\$ 1,150
Subtotal of Other Alternate Items Listed Below	36,500
<b>TOTAL BID AMOUNT</b>	<b>\$ 204,750</b>

Other Alternate Items (If Necessary)

Custom Restroom Building, Design, Construction Documents and Contract Admin (upcharge to Prefab Design in Base Bid EV	\$23,500
Charging Design Construction Documents & Contract Admin	\$13,000

Grissim Metz Andriese Associates

City of Birmingham

Hours / Costs for Scope of Work for Landscape Architectural Services - February 22, 2024

Booth Park Entry Plaza & Trail Improvements

Task Description	Principal	Project Landscape Architect									Total By Task
Construction Plans	23	68									91
Specifications	6	6									12
Meetings (6-8)	16	32									48
Construction Administration	20	36									56
Miscellaneous:											
Preliminary Design Phase	16	32									48
Additional per Meeting Fee	2	4									6
TOTAL HOURS BY CLASSIFICATION	83	178									261



**Peterhans Rea + Roman, LLC**  
**City of Birmingham**  
**Hours / Costs for Scope of Work for Design Services - February 22, 2024**  
**Booth Park Entry Plaza & Trail Improvements**

Task Description	Principal										Total By Task
Construction Plans	13										13
Construction Administration	7										7
Miscellaneous:											
Preliminary Design Phase	47										47
TOTAL HOURS BY CLASSIFICATION	67										67

HUBBELL, ROTH & CLARK, INC.

City of Birmingham

Hours / Costs for Scope of Work for Design & Construction Engineering Services - February 22, 2024

Booth Park Entry Plaza & Trail Improvements

Task Description	Principal QA/QC	Associate / Proj Mgr	Dept Mgr	Sr. Project Eng/Arch	Project Eng/Arch	Grad Eng/Arch	Sr CAD Tech	Survey Office Super.	Sr. Party Chief	Inst. Person	Total By Task
<b>Topographic Survey</b>			2				12	4	12	12	42
<b>Construction Plans</b>		12		0		40					232
Civil/Site											
EED			2	8	16		28				
Architectural/Structural/Mechanical			6	8	16		24				
Electrical			8		24	16	24				
<b>Specifications</b>		4		8		8					78
Civil/Site											
EED			2	4	8						
Architectural/Structural/Mechanical			4	8	12						
Electrical			4	4	8	4					
<b>Permits (other than City)</b>		4				8					28
Civil/Site											
EED			4	4	8						
<b>Meetings (6-8)</b>	2	8				4					28
Civil/Site											
EED			4	4							
Architectural			2		0						
Electrical			4		0						
<b>Construction Administration</b>			2					4	12	12	222
Survey											
Civil/Site		16			24	40	12				
EED			4	8		16	8				
Architectural/Structural/Mechanical			8	12	12						
Electrical			8		16		8				
<b>Miscellaneous:</b>											
<b>Preliminary Design Phase</b>	2	6				10					50
Civil/Site											
EED			4	6			4				
Architectural/Structural/Mechanical			2		8						
Electrical			4	4	0						
<b>EV Charging Concept Development</b>			4	36							40
<b>Base Bid Subtotal Hours by Classification</b>	4	50	78	114	152	146	120	8	24	24	720
<b>Alternate Item (If Necessary):</b>											
<b>Hydrologic &amp; Hydraulic Study</b>	2	8	8	80		80	24	8	30		240
<b>Additional per Meeting Fee</b>		2				4					6
<b>EV Charging Construction Doc's &amp; Admin</b>			8	40	16	16	24				104
<b>Custom Restroom Bldg Const Doc's &amp; Admin (Upcharge from Prefab Design)</b>	2		10	40	80		60				192
<b>Altern. Item Subtotal Hours by Classification</b>	4	10	26	160	96	100	108	8	30	0	542
<b>TOTAL HOURS BY CLASSIFICATION</b>	8	60	104	274	248	246	228	16	54	24	1262

**ATTACHMENT D - IRAN SANCTIONS ACT VENDOR CERTIFICATION FORM**  
**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

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Pursuant to Michigan Law and the Iran Economic Sanction Act, 2012 PA 517 ("Act"), prior to the City accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must certify that it is not an "Iran Linked Business", as defined by the Act.

By completing this form, the Vendor certifies that it is not an "Iran Linked Business", as defined by the Act and is in full compliance with all provisions of the Act and is legally eligible to submit a bid for consideration by the City.

Susan L. Grissim, PLA, ASLA

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**PREPARED BY**

**(Print Name)**

Vice President | Principal

---

**TITLE**

*Susan Grissim*

---

**AUTHORIZED SIGNATURE**

Grissim Metz Andriese Associates

---

**COMPANY**

15000 Edward N Hines Drive, Suite A, Plymouth, MI 48170

---

**ADDRESS**

---

**NAME OF PARENT COMPANY**

---

**ADDRESS**

38-1582712

---

**TAXPAYER I.D.#**

CITY OF BIRMINGHAM - REQUEST FOR PROPOSALS

# PROFESSIONAL DESIGN SERVICES FOR BOOTH PARK ENTRY PLAZA & TRAIL IMPROVEMENTS

February 22, 2024



**MKSK**

**NF**  
ENGINEERS

**SES** Strategic  
Energy  
Solutions

**INTOTO** STUDIO

**RESURGET**  
ENGINEERING





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<b>A</b>	FIRM QUALIFICATIONS
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<b>E</b>	REQUIRED FORMS & STATEMENTS

February 21, 2024

**MKSK**

City of Birmingham  
Attn: Carrie Laird  
151 Martin St.  
Birmingham, Michigan 48009

**RE: Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

Dear Members of the Evaluation Committee,

On behalf of the MKSK Team, I am honored to present our proposal and approach for designing and developing the Booth Park Entry Plaza. We recognize the significance of this park to the community, given its prime location in downtown Birmingham. Centrally situated parks with direct public access to natural waterways and stream corridors are a rare asset for urban areas, and our team is enthusiastic about collaborating with the City to create a remarkable new gateway and plaza for Booth Park. We are eager to contribute our team's local knowledge and specialized expertise to this park design process.

Our team is exceptionally positioned for this effort as we have recent and relevant experience leading neighborhood award-winning park design projects both nationally and within the state of Michigan. MKSK has demonstrated a proven process that is effective in establishing and delivering a comprehensive vision for Downtown Birmingham through the completion of Phases I, II & III of the Old Woodward Ave and Maple Street Streetscape projects.

We have assembled a team of creative landscape architects, experienced engineers, and award-winning architects to design and bring to life the civic space envisioned by the Birmingham community. Our team includes Nowak & Fraus Engineers, INTOTO Studio, SES Electrical Engineers, and Resurgent Engineering. Nowak & Fraus Engineers, one of the City's preferred engineering consultants, is our partner on this project. MKSK and Nowak & Fraus have collaborated on several past projects throughout Birmingham, including roadway, utility, and traffic engineering projects, showcasing a high level of collaboration and extensive knowledge of the city and its expected aesthetic standards.

Respectfully Submitted,  
MKSK, Inc.



Cullen Meves, PLA, ASLA, LEED GA  
Associate Principal  
cmeves@mkskstudios.com



cc:  
Kristyn Bowden, PLA, ASLA, LEED GA  
Associate  
kbowden@mkskstudios.com





CENTENNIAL COMMONS, ROYAL OAK, MI\_MKSK





## We invite you to explore the character of our work.

MKSK is a collective of Planners, Urban Designers, and Landscape Architects, founded in 1990, who are passionate about the interaction between people and place. We are an employee-owned practice with a network of twelve metropolitan studios in Ohio, Illinois, Indiana, Kentucky, Michigan, South Carolina, Georgia, Florida, and the District of Columbia. MKSK works to solve the pressing issues in our cities and communities, and build places where people want to live. We work with communities and clients to reimagine, plan, and design dynamic environments for the betterment of all. MKSK approaches planning and design with a clear understanding that each place is unique and has economic, social, environmental, historical, and cultural influences which should be explored through thoughtful, context sensitive design. We help communities and our clients meet the challenges of changing global conditions through the MKSK LAB for Climate and Biodiversity Resilience.

We shape place to improve lives, and we share our transformational stories and the power of strong planning and design to inspire ourselves, our peers, and the world to work together for the common good. Together we plan and design a world in which we all want to live.

COLUMBUS	614.621.2796
ATLANTA	404.500.8575
CHICAGO	312.809.9707
CINCINNATI	513.818.3842
CLEVELAND	216.423.6150
DETROIT	313.652.1101
GREENVILLE	864.626.5715
INDIANAPOLIS	317.423.9600
LAFAYETTE	765.250.9209
LOUISVILLE	502.694.1416
ORLANDO	407.871.9607
WASHINGTON DC	202.543.6550





We approach parks and recreation planning and design with a clear understanding that each site is unique and has natural, environmental, historical, and cultural influences which should be protected and enhanced through thoughtful context sensitive design.

It is our belief that successful parks and public spaces share common traits characterized by a select set of development principles. Creativity in the planning and design process can provide vibrant spaces to accommodate a variety of community or civic functions. Based on that which we have seen, heard, and discovered in other communities where we have worked, we have developed the following list of principles:

**Strategic Development Approach-** Understand the programming needs and considerations of the community. Draw from previously developed community plans and collected data. Explore alternatives or best use for “flex space” or open space areas and the economic impact it would have to the community. Develop a strategic action plan designed for multiple phase implementation. Recognize existing community organizations’ capacity and capabilities to implement the plan.

**Design for Sustainable Environments-** Preserve, protect, and enhance existing natural resources. Introduce sustainable planning, design, and natural resource management practices.

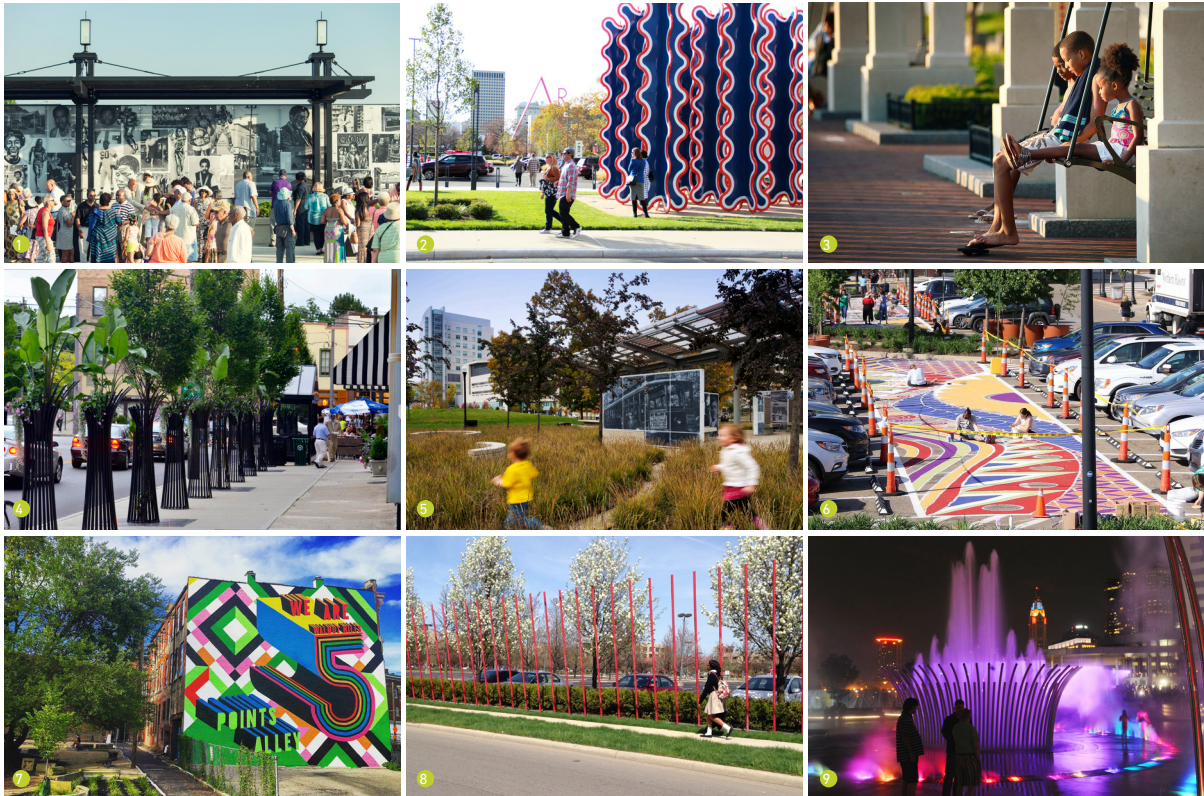
**Create a Pedestrian-Friendly Environment-** Promote pedestrian circulation. Develop multiuse systems that provide greater ADA accessibility. Where appropriate, encourage and incorporate “complete streets” standards.

**Create a Safe & Secure Environment-** Design for measures that ensure safety and security day and night. Engage local Safety Services departments to better understand existing misuse/crime patterns, and issues that can be addressed, improved upon, or eliminated in the design.

**Reinforce the Unique Community Character and Identity-** Capitalize on the unique character, qualities and history of the community and the region. Select site furniture and other park elements with context sensitivity in mind.

**Create Community “Linkages”-** Develop pedestrian linkages with adjacent residential areas, community facilities, and existing trail systems. Look at vehicular access points and circulation. Address and incorporate bike trail connectivity. Develop key corridors or gateways. Create informational and directional “tie-ins” to the community (i.e., kiosks, public art, graphic design, wayfinding signage).

**Address Maintenance and Operations Issues & Opportunities-** Ensure all aspects of the proposed programmed development address anticipated future resources and commitments that will be needed to operate and maintain park improvements.



- 1 Long Street Bridge & Cultural Wall, Columbus, OH
- 2 Columbus Museum of Art "Karnak", Columbus, OH
- 3 Scioto Mile, Columbus, OH
- 4 Downtown Columbus Public Realm Enhancements, Columbus, OH
- 5 Livingston Park Cultural Panels, Columbus, OH

- 6 Akron Northside Green, Akron, OH
- 7 Walnut Hills 5 Points Alley, Cincinnati, OH
- 8 Cleveland Avenue Improvements, Columbus, OH
- 9 Bicentennial Park, Columbus, OH

We work with municipalities, non-profit, cultural and institutional clients to help our communities become vibrant places of destination. MKSK leads a creative planning and design process that provides vibrant spaces while accommodating a variety of community and civic uses. MKSK understands that properly programmed, planned and designed urban spaces can be the catalyst for economic investment and redevelopment. Increased access to a downtown and riverfront, entertainment and cultural institutions, streetscape enhancements and pedestrian connections to connect multiple areas or districts, or revenue-generating community and event facilities that create a local and regional draw—these are the 'spaces' MKSK designs. With over 70 regional and national design awards we have been recognized by our peers as a leader in our respective fields. More importantly, MKSK is proud of projects that have truly transformed the communities in which we work.

MKSK seeks to go beyond "beautiful" to arrive at solutions that provide meaningful sustainable results. Projects that are environmentally, socially and economically sustainable. MKSK projects have become centerpieces and identifying parts of the communities in which they are located – generating civic pride, economic success, and overall enjoyment – making our communities stronger, prominent places to live, work and visit. MKSK also has extensive experience qualifying, managing, and integrating artists' work into projects, from pocket parks and gateways to streetscapes and the public realm. Depending upon the scope and nature of the project, members have worked with graphic designers, sculptors, artists, and in-house designers to integrate art, graphics, and sculpture into the public spaces they plan and design.





1 Greenville Unity Park Community Event, Greenville, SC  
 2 Great Parks of Hamilton County Walking Tour, Hamilton County, OH  
 3 Alpharetta Loop Placemaking Plan, Alpharetta, GA

4 Great Parks of Hamilton County, Workshop, OH  
 5 Unity Park Community Event, Greenville, SC  
 6 Great Parks of Hamilton County Pop-Up Engagement, OH

Community involvement and engagement is a fundamental part of our urban planning and design approach. The success of the public engagement process is a critical step in building understanding, support, and ownership of focus areas that will ultimately lead to effective implementation across time.

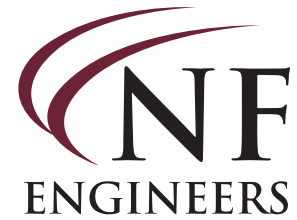
Our team views the early stages of a planning project as a time for learning and collaboration. It is here that we invite the public and stakeholders to share with us the issues and considerations important within a community. This knowledge, and the relationships built through this process, guides our planning efforts as we develop ideas and strategies to address project issues. The testing of those ideas, through further public engagement, ultimately provides us with a consensus-based direction. Our goal is to form a shared and “living” vision. To reach this goal, we cast a wide net, which often includes residents, business interests, development community members, key stakeholders, elected officials, and public agencies. Opportunities to engage the public can be in the form of traditional open houses, forums, or focus group sessions, or online through web-based meetings, surveys, and via social media platforms.

Our public participation toolbox blends traditional methods with fresh approaches adapted to hands-on engagement together with 24-hour community information and dialogue on web-based platforms. Every project and community is unique, so for each we refine an engagement tool kit in close consultation with the Working Group. The more traditional public participation and engagement opportunities incorporated in this process include stakeholder interviews, walking tours, and public meeting visioning workshops. Additional opportunities include:

- Interactive meetings & exhibits
- Pop-up displays
- Dedicated website & social media platforms
- Community mapping - geo locate ideas
- Tactical urbanism
- Youth activities
- DIY Meetings-in-a-Box
- Study area storefront displays and office hours
- Street stalls and kiosks at existing events
- Study area walking/bike tours
- Stakeholder and focus group meetings
- Public workshops and presentations
- Charrettes and visioning

# FIRM PROFILE

CIVIL ENGINEERS · LAND SURVEYORS · LAND PLANNERS



Nowak & Fraus Engineers (NFE) was established in 1969 to provide civil engineering, land surveying and consulting services within the Southeast Michigan area. Our firm's roots are based in the merger of several companies including: Urban Engineering Services (formed earlier by Harold Nowak and Jim Fraus), Hoyem-Basso Associates, Inc., McAlpine Engineering, Inc. and Arthur W. Gillespie Associates. McAlpine Engineering and Gillespie Associates were two of the oldest firms in the Detroit/Southeast Michigan area at the time. Over our history of operation, NFE has developed a strong base of municipal clientele, including the following communities for which we currently provide consulting engineering services to:

City of Madison Heights	47 years
City of Huntington Woods	43 years
City of Hazel Park	40 years
City of Pontiac	33 years
City of Birmingham	25 years
City of Royal Oak	22 years
West Bloomfield Township	15 years
City of Rochester Hills	9 years
Independence Township	5 years
Shelby Township	4 years
Village of Lake Orion	4 years



In addition to the above, NFE has been providing municipal engineering services for 12 years to the Department of Technology, Management and Budget (DTMB), the Department of Natural Resources (DNR) and Oakland County Water Resources Commissioner (OCWRC), as well as many other municipalities, road commissions, state agencies and county jurisdictions throughout the region. We have been prequalified by the Michigan Department of Transportation (MDOT) since 2005, and currently, are prequalified in 18 construction, design and survey categories. Through all of these relationships, our firm and staff have formed important contacts, and have vast knowledge of federal, state, county and local agency requirements.

NFE has been honored by our peers on multiple occasions with project awards including, but not limited to, the following:

- 2020 ACEC/M Surveying Merit Award – Detroit Lions: Ford Field Surveying and Scanning
- 2020 mParks Park Design Award – MDNR/DTMB: Wilderness State Park
- 2020 mParks Park Design Award – City of Sterling Heights: Dodge Park
- 2019 ACEC/M Engineering Merit Award – City of Birmingham: Old Woodward Avenue Reconstruction
- 2019 APWA Project of the Year (Michigan Chapter and Metro Branch) – City of Birmingham: Old Woodward Avenue Reconstruction
- 2019 APWA Project of the Year (Michigan Chapter and Metro Branch) – City of Rochester Hills: Eddington Boulevard Realignment
- 2019 MCA Award of Excellence – City of Birmingham: Old Woodward Avenue Reconstruction
- 2019 MCA Award of Excellence – City of Birmingham: 2018 Local Streets Paving Program



At Strategic Energy Solutions, Inc. (SES), we have been delivering professional engineering consulting services to the architectural and construction industries since 1997. Our team of progressive professionals has a deep understanding of how a building consumes energy, and is dedicated to providing mechanical and electrical engineering solutions to clients, owners and end-users. Our strength and experience spans market sectors and involves both renovation and new construction.




A traditional MEP engineering firm with a passion for economically-sound and environmentally-responsible practices, we are industry leaders in practical and efficient energy systems. We stay ahead of the curve, and not only talk-the-talk, but also walk-the-walk. Our corporate office, a former brownfield industrial space, is the only building in Berkley to achieve LEED Gold Certification and Energy Star Certified. A geexchange HVAC system, designed and installed by SES, is one of the main features of our office, which also serves as a demonstration site for sustainable design technologies.

We have successfully provided engineering for more than 200 government projects totaling \$170 million of construction. Serving a variety of cities, municipalities, and other government entities, we have engineered over 3 million square feet of space including city halls, courthouses, police and fire departments, parks, libraries, jails, and airports.

### Services Provided:

- Mechanical
- Electrical
- Plumbing
- Fire Protection
- Lighting Design
- Low Voltage/IT
- Geothermal
- Commissioning
- Energy Management
- Sustainable Design
- Energy Modeling
- Alternative Energy
- Facility Assessments
- Life Cycle Cost Analysis

### MARKETS SERVED

-  Government/Municipal
-  Corporate
-  Parking
-  Healthcare
-  Higher Education
-  K12 Education
-  Hospitality
-  MultiTenant Residential
-  Senior Living
-  Retail/Food Service
-  Historic
-  Sustainable/LEED

### PRIMARY CONTACT

Dale DeCocker, Senior Electrical Designer  
Strategic Energy Solutions, Inc.  
4000 West 11 Mile Road  
Berkley, MI 48072  
ddecocker@sesnet.com  
248-399-1900

# Firm Profile



INTOTO studio is an inquisitive architectural practice, focused on finding solutions that maximize the potential of environments and positively impact the people who inhabit them. Through design, we strive to create places that improve quality of life and enrich everyday experiences.

We respond to the history and context by thinking across scales, and we challenge notions of materiality by seeing design as an organizer that collects influences and neutralizes chaos within the civic realm.

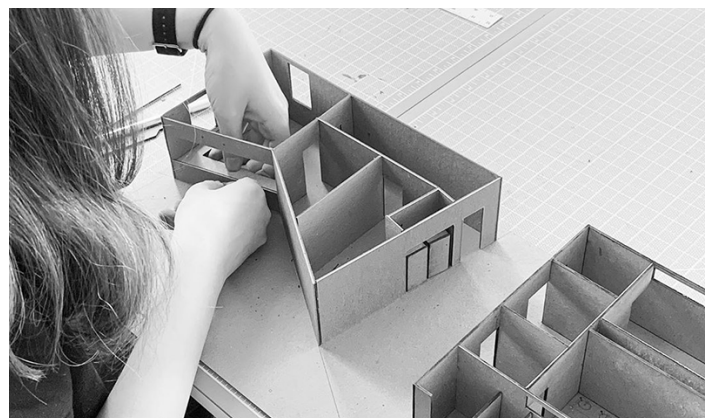
As a small, community-focused practice, our team of 5 has over 25 years of experience working in metro Detroit. We are not specialist, we are nimble; our team has worked on a variety of projects of various scales and complexity. Our experience encompasses the technical and design acumen of larger firms, but in contrast, provides a focused level of service, that cannot be matched. Our firm was founded on the desire to bring a high level of service and design quality to projects that enhance our community, regardless of scale or budget. Therefore, we

are an intentionally small and modest practice, which allows us to be selective of the projects we take on. This ensures that we can invest the time often required to guide our clients unfamiliar with the design and construction experience, and insure they successfully meet their expectations.

As a result, 80% of our current clients are nonprofits, many of which have challenging budgets and minimal experience with building new facilities.

Our portfolio includes both new construction and adaptive reuse projects, and we have successfully delivered on a broad range of project types including parks and recreation facilities, education, residential mixed-use, and other civic infrastructural assets.

Collaboration is essential to our process and we value working closely with clients, city agencies, consultants, contractors, community groups, and users. We have built a successful track record based on our ability to listen, understand our clients' goals, and work with a broad range of professional team members to identify innovative and sensitive ways of meeting these goals.



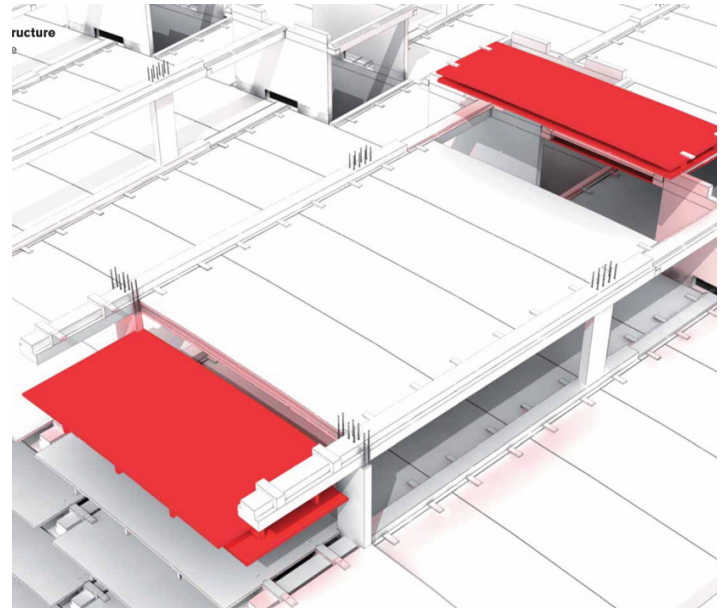
# Our Goal

Resurget Engineering is committed to helping clients achieve their vision while making a positive impact in the cities we live and work in. We take a collaborative approach to support our clients from design inception through construction completion. Utilizing state-of-the-art software and international best practices, we focus on integrated design and creating smart, innovative buildings.

At Resurget Engineering we believe engineering enhances design, not limits it.

## Services

Resurget Engineering provides structural consulting engineering services from design inception through construction completion for architects, owners, developers, and contractors. We specialize in creative and efficient structural solutions to meet the project needs for buildings of all sizes and complexities.



## Structural Engineering

We bring a breadth of knowledge and experience in working with steel, reinforced concrete, post-tension concrete, masonry, wood, heavy timber, and light-gage steel framing. We utilize the latest in computer BIM modeling and analytical software to create efficient designs, and clear documentation.

## Structural Sustainability & Resilience

At Resurget Engineering, we have found that the Structural Engineer's biggest impact in sustainable design is creating purpose built, well optimized, and resilient designs. In our experience, sustainable designs require an integrated approach between the architectural and building systems that is energy efficient, maximizes daylighting and passive energy systems, while creating a resilient building designed to last and adapt to a changing environment. The best sustainable designs require a holistic approach that includes contribution from the entire design team, the owner, and the contractor.

As part of our standard of care we work minimize the embodied carbon of a new structure through optimization and material specification. We utilize state of the art analysis software and 3d modeling to refine our designs to minimize material use. We also have tailored our material specifications to reduce embodied carbon and increase recycled content. For example, we require that all concrete mix designs have a high volume of cement replacement, one of the major contributors to embodied carbon, and our steel specifications require recycled content for all structural members. Based on the project sustainability goals, we work with the selected contractors to assure that they can meet these requirements, without unnecessary increases to the overall material costs.





CENTENNIAL PLAZA, CANTON, OH\_MKSK



# CULLEN MEVES, ASLA, PLA, LEED GREEN ASSOCIATE

Associate Principal, Principal in Charge, Landscape Architect

# MKSK

Cullen's passion is designing purposeful, energized, enduring spaces.

Cullen is a landscape architect and urban planner with experience in parks and recreation, trail corridors, streetscape, and institutional design projects. Prior to joining MKSK, Cullen was a Senior Associate at Crosby Schlessinger Smallridge, a regional planner at the Windham Regional Commission in Brattleboro, VT, and a Senior Landscape Architect with Stephen Stimson Associates in Falmouth, MA.

## Project Experience

Calgary & Neff Parks  
Cleveland, Ohio

Canton Parks Priority Improvement Plan  
Canton, Ohio

Battery Park Marina  
Sandusky, Ohio

Summit County Metro Parks Freedom Trail Phase 4  
Akron, Ohio

Taylor Farm, Phase 1 Trails & Boardwalks  
New Albany, Ohio

Experience Prior to MKSK:  
Cuyahoga Towpath Trail, Stage 4  
Cleveland, Ohio

Redline Greenway  
Cleveland, Ohio

Morrissey Boulevard Corridor Redesign  
Boston, Massachusetts

Neponset River Greenway Multi-Use Path System  
Boston and Milton, Massachusetts

Neponset River Esplanade Extension  
Boston and Milton, Massachusetts

Magazine Beach Site Improvements  
Cambridge, Massachusetts

Walden Pond Main Beach Universal Access Improvements  
Concord, Massachusetts

## Education

Virginia Tech,  
Master of Urban and Regional Planning, 2013  
The Ohio State University,  
Bachelor of Landscape Architect, 2007  
Bachelor of Agriculture/Horticulture, 2007

## Registration

Registered Landscape Architect, OH  
LEED Green Associate, U.S. Green Building Council  
CLARB Certified Landscape Architect

## Professional Affiliations

American Society of Landscape Architects  
Boston Society of Landscape Architects  
Boston Society of Architects



# KRISTYN BOWDEN, PLA, ASLA, LEED GREEN ASSOCIATE

Associate, Project Manager, Landscape Architect

# MKSK

With an attention to detail and sustainable approach, Kristyn is committed to designs of aesthetic quality and function while being mindful of both the natural and built environment.

Kristyn is an experienced Landscape Architect with over 14 years experience with the firm and professional experience on a wide range of projects. Kristyn excels at building meaningful relationships with clients and sub-consultants resulting in client satisfaction and successful design. She is involved in all phases of the project from initial planning and design to construction detailing and has experience with sustainable design practices. Her projects often focus on streetscape design, higher education campus design and parks and recreation planning/design.

## Project Experience

Centennial Commons  
Royal Oak, Michigan

Civic Center Mall  
Toledo, Ohio

Dorrian Green  
Columbus, Ohio

Battelle Darby Creek Environmental Center Master Plan  
Columbus, Ohio

Grange Insurance Audubon Center  
Columbus, Ohio

Scioto Audubon Metro Park  
Columbus, Ohio

RiverScape Phase III Entertainment Pavilion & Bike Hub  
Dayton, Ohio

East Harbor State Park Master Plan & Bathhouse Facility  
Marblehead, Ohio

Wolfe Park Shelter House  
Columbus, Ohio

Reed Road Park  
Upper Arlington, Ohio

## Education

The Ohio State University,  
Bachelor of Science Landscape Architecture, 2006

## Registration

Registered Landscape Architect, OH, MI  
LEED Green Associate, U.S. Green Building Council

## Professional Affiliations

American Society of Landscape Architects





# MATTHEW MANDA, ASLA, PLA

Principal, Landscape Architect

# MKSK

Matt's design focus is centered on a blend of pragmatic and aesthetic solutions that lead to creating intuitive landscape systems which influence civic infrastructure and enhance the community experience.

Matt has more than 21 years experience in landscape architecture where he has worked on a number of projects from small scale neighborhood parks to large scale city master planning studies. His ability to work at all scales allows him to lead complex projects developing comprehensive landscape strategies that address both clients goals and the need to create holistic experiences. His interest in complete streets, performance based landscapes, and sustainable design motivates Matt's dedication to landscape architecture and urban design.

## Project Experience

Canton Parks Comprehensive Priority Improvement Plan  
Canton, Ohio

Centennial Plaza  
Canton, Ohio

Stubbs Park Improvements  
Centerville, Ohio

Linden Park and Facility Improvements  
Columbus, Ohio

Dorrian Green  
Columbus, Ohio

Riverfront Amphitheater and Green  
Youngstown, Ohio

Columbus Convention Center Expansion  
Columbus, Ohio

City of Columbus Michael B. Coleman Government Center  
Columbus, Ohio

Short North Streetscape Improvements  
Columbus, Ohio

Creative Campus Streetscape Improvements  
Columbus, Ohio

## Education

The Ohio State University,  
Bachelor of Science in Landscape Architecture, 2001

## Registration

Registered Landscape Architect, State of Ohio

## Professional Affiliations

American Society of Landscape Architects  
Themed Entertainment Association



# HALEY WOLFE, ASLA, PLA

Landscape Architect

# MKSK

Haley believes everything is part of the landscape, and therefore a landscape architect must know something about everything. She believes that designing on multiple layers will generate sites that are both beautiful and sustainable.

Haley's foundation drives her to create environments that are as memorable as they are functional. Her additional experience in hand-drawing fosters an intimate relationship with her designs and allows her to communicate in real-time. This background informs Haley's process from initial concept design to final construction of both private and public projects.

## Project Experience

Centennial Commons  
Royal Oak, Michigan

Richmond Heights Mall Redevelopment  
Richmond Heights, Ohio

Gary Matzner Park  
Pinecrest, Florida

Spectrum Health CTI  
Grand Rapids, Michigan

West Case Park  
Columbus, Ohio

Toledo Civic Center Mall  
Toledo, Ohio

Traverse City Street Design Manual  
Traverse City, Michigan

## Education

The Ohio State University,  
Bachelor of Science in Landscape Architecture, 2014

## Registration

Registered Landscape Architect, State of Michigan  
National Charrette Institute

## Professional Affiliations

American Society of Landscape Architects  
Michigan Chapter, American Society of Landscape Architects  
Michigan Association of Planning



# JAMES GOFF, PLA, LEED AP ND

Landscape Architect

# MKSK

James' passion is placemaking and designing amenity spaces in high traffic areas that positively impact the wellness of the users of the space, while simultaneously enhancing the natural environment and strengthening connections to adjacent sites.

James has over 10 years of experience in the profession covering a wide range of project types in different firm settings, from smaller residential site design to large mixed use master planning efforts. He has experience in providing site planning and construction drawings for commercial, industrial, healthcare, education, public parks, and trail projects. James enjoys getting into the fine details of designing smaller amenity spaces and connecting them to their surroundings by taking a holistic design approach. He also enjoys working on projects focused on sustainability with a goal to incorporate green principles in all of his designs.

## Project Experience

Springboro Franklin Gateway Implementation  
Springboro, Ohio

South Old Woodward Design & Construction Advising  
Birmingham, Michigan

Hope College - North Campus Gateway  
Holland, Michigan

Van Aken Residential Tower  
Shaker Heights, Ohio

Spectrum Health CTI - North Monroe  
Grand Rapids, Michigan

Cattails Golf Course Redevelopment  
Lyon Township, Michigan

Sandusky Streetscape Design  
Sandusky, Ohio

Van Andel Arena Alley Phase II  
Grand Rapids, Michigan

Mound Road Corridor Plan  
Sterling Heights, Michigan

## Education

Michigan State University,  
Bachelor of Landscape Architecture, 2010

## Registration

Registered Landscape Architect, Michigan  
LEED AP ND, U.S. Green Building Council

## Professional Affiliations

U.S. Green Building Council  
Friends of the Rouge





# BRETT J. BUCHHOLZ, PE

CIVIL ENGINEERS › LAND SURVEYORS › LAND PLANNERS



## YEARS OF EXPERIENCE

Industry – 29  
NFE – 29

## TITLE

Principal

## PROJECT ROLE

Account Manager/  
Project Manager

## EDUCATION

Bachelor of Science  
Michigan State University,  
1994  
Civil Engineering

## LICENSE

Professional Engineer, State  
of Michigan, 1999

Mr. Brett Buchholz began his career at NFE as a graduate engineer in 1994, and through several promotions, currently serves as a Principal in the firm with over 29 years of civil engineering experience. His main role is Project Manager overseeing design and construction engineering services on a wide range of public improvement and private land development projects, as well as overseeing product delivery for bidding and permits.

Since 1999, Brett has worked on NFE's municipal consulting services account for the City of Birmingham. He currently oversees the preparation of construction plans, specifications and bid documents for many roadway, streetscape and underground utility reconstruction projects. He also provides a managerial role in the construction administration, construction stakeout, as-builts and closeout of the projects. Many of the projects he has worked on have won awards.

## PROJECT EXPERIENCE

### Project Manager – Municipal Consulting Services

- City of Birmingham, Michigan, Client since 1999, Ongoing
  - Lincoln Hills Golf Course Cart Path Relocation
  - Pierce Street Water Main Replacement, Lincoln to Brown
  - Quarton Lake Estates, Phase II
  - South Old Woodward Avenue Reconstruction from Landon to Brown, Downtown Improvements, Phase 3
  - Cranbrook Road Non-Motorized Pathway Project (MDOT)
  - Townsend Street Reconstruction from Southfield to Chester
  - Grant Street Paving Project, 14 Mile to Bird and Humphrey to E. Lincoln
  - Kenning Park Ice Arena Renovation
  - Maple Road Reconstruction (LAP-MDOT), Downtown Improvements, Phase 2
  - Pierce Street Alley Reconstruction
  - Park Street Streetscape
  - Bowers Avenue Water Main Replacement
  - Quarton Lake Sub Reconstruction of Four Residential Streets, Phase I
  - Old Woodward Reconstruction from Brown Street to Willits Street/Oakland Avenue, Downtown Improvements, Phase 1.
  - 2018 Local Streets Program, Reconstruction of Three Residential Streets
  - West Maple Road Resurfacing (LAP-MDOT)
  - East Maple Road Sectional (LAP-MDOT)
  - Hamilton Road and Alley Reconstruction
  - Oak Street Reconstruction Project, Phase 1 & 2
  - Martin Avenue Reconstruction
  - Maryland, Henrietta, Southlawn and Cummings Streets Reconstruction
  - Sidewalk Program, ADA Ramp Upgrades, 2013-Present
  - Mohegan/Kennesaw Reconstruction
  - North Eton Road Reconstruction
  - East Maple Gardens Sewer and Water Main Improvements
  - Villa Street Reconstruction
  - Birmingham Villas Water Main Replacement
  - Cole, Webster, and Torry Street Reconstruction
  - East Maple Road Reconstruction

# BRETT J. BUCHHOLZ, PE

CIVIL ENGINEERS › LAND SURVEYORS › LAND PLANNERS



- Graefield Avenue Reconstruction
- Hazel and Bowers Reconstruction
- S. Eton Resurfacing
- Downtown Streets (Shain Park) Reconstruction and Streetscape Enhancements
- West Lincoln Reconstruction/Resurfacing
- Pocket Park and Pedestrian Safety Improvements
- North Old Woodward Reconstruction from Hamilton Street to Oak Avenue (LAP-MDOT)
- Woodward Avenue Median Enhancement (LAP-MDOT)

## **Project Engineer – Municipal/Government**

- City of Farmington Hills, 9 Mile Relief Drain Improvements, Farmington Hills, Michigan
- City of Pontiac, Orchard Lake Road Reconstruction
- City of Pontiac, University Drive Reconstruction

## **Project Manager – Residential/Hospitality**

- Inn at St. Johns, Pavilion & Ballroom Additions, Plymouth Township, Michigan
- Outland Trail HOA, Paser Assessment, Bingham Farms, Michigan
- Highland Knolls/Bethel Green Residential PUD, Howell, Michigan
- Harrison Poolside Townhomes, Troy, Michigan
- Cambria Suites Hotel, Detroit, Michigan
- Harrison Poolside Apartments, Various Locations
- Woodward Heights Apartments, Ferndale, Michigan
- Ferndale Townhome Condos, Ferndale, Michigan
- Cedar Valley Luxury Apartments, Rochester Hills, Michigan
- HAVEN Site Development, Pontiac, Michigan
- Royal Park Hotel, Rochester, Michigan
- Kingsley Inn/Doubletree, Hotel Site Renovations, Bloomfield Hills, Michigan
- Pointe at Island Lake Condos, Ypsilanti, Michigan
- Single Family Residential Plot Plans, Various Locations

## **Project Manager – Commercial/Industrial**

- Porsche Detroit, Shelby Township, Michigan
- Shuert Technologies Redevelopment, Sterling Heights, Michigan
- Serra Ford Rochester Hills, Site Redevelopment, Rochester Hills, Michigan
- Northland Chrysler Dodge Jeep, Oak Park, Michigan
- MBRDNA, Site Assessments, Various Locations, Southeast Michigan
- Farmington Hills Office Building (200k sft), Farmington Hills, Michigan
- Modern Dentistry Redevelopment, Troy, Michigan
- DeHaan Orthodontist Office Development, Orion Township, Michigan
- Camping World, Various Locations
- Village Jeep, Car Dealership Improvements, Royal Oak, Michigan
- Fox Automotive, Car Dealership Improvements, Rochester Hills, Michigan
- Eberspaecher North America, Various Locations
- Dart Container, New Warehouse, Horse Cave, Kentucky
- Life Time Athletic, Bloomfield Township, Michigan
- BAE Systems Campus, Sterling Heights, Michigan
- Michigan Dental Association, New Headquarters, Okemos, Michigan
- Sagebrush Cantina, Site Improvements, Lake Orion, Michigan

# Chad L. Findley, PE, PS

CIVIL ENGINEERS › LAND SURVEYORS › LAND PLANNERS



## YEARS OF EXPERIENCE

Industry – 31  
NFE – 31

## TITLE

Managing Partner

## PROJECT ROLE

Principal-in-Charge,  
Municipal/Transportation  
Manager

## EDUCATION

Master of Science  
Wayne State University,  
2000  
Civil Engineering  
  
Bachelor of Science  
Michigan State University,  
1992  
Civil Engineering  
  
Extended University  
Program for Surveying  
Michigan Technological  
University, 2007

## LICENSES

Professional Engineer, State  
of Michigan, 1998  
  
Professional Surveyor,  
State of Michigan, 2008

Mr. Chad Findley is a Managing Partner at NFE with over 31 years of experience providing civil engineering and land surveying services for municipal infrastructure/transportation and private land development projects. Chad joined NFE in 1993 and has held the positions of project engineer, project manager, vice president and principal. In 2015, he was promoted to the position of Managing Partner and Executive Committee member, overseeing the firm's practice, management and daily operations with two other managing partners.

Chad's expertise includes monitoring schedules, budgets, plans and specifications for design and construction projects. He is an effective manager who consistently provides superior service to clients through innovative solutions, value engineering and a commitment to quality.

Together with his team, Chad has designed and managed a variety of public improvement and MDOT/FHWA highway projects exceeding \$300 million in value. In addition, he has designed and managed a wide range of private land development projects exceeding \$200 million in value. Lastly, Chad serves the City of Pontiac, City of Hazel Park and Oakland County Water Resources Commissioner in the capacity of engineering and land surveying consultant.

## PROJECT EXPERIENCE

### Project Manager – Municipal Consulting Services

- City of Pontiac, Michigan, Client since 1992, Ongoing
  - 2018-2022 Major & Local Streets Program
  - Mill Street Reconstruction Project
  - 2022 Pavement Repair Project
  - Martin Luther King Boulevard Reconstruction (MDOT 4R)
  - Clean Water State Revolving Fund Sanitary and Wastewater Treatment Plant Improvements
  - GM North Complex Roadway Improvements
  - Water Distribution System Network Analysis
- City of Hazel Park, Michigan, Client since 1984, Ongoing
  - Drinking Water Asset Management Program
  - 9 Mile Road Pavement Repair (MDOT 3R)
  - Couzens Avenue Resurfacing (MDOT 3R)
  - 1-75 Service Drive Resurfacing (MDOT 3R)
  - Water Main Capital Improvement Program
  - Pressure Reducing Valve Stations
- Oakland County Water Resources Commissioner (WRC), Michigan, Client since 2012, Ongoing
  - Pontiac North Sewer Lining Project
  - Martin Luther King Boulevard/Clinton River Sewer Crossing
  - Perry Street Diversion Pump Station and Force Main, Pontiac, Michigan

### Project Manager – Private Land Development

- TopGolf, New Entertainment Complex, Auburn Hills, Michigan
- Oakman Townhomes, New 140-Unit Development, Detroit, Michigan
- Brush Watson Residential Development, Detroit, Michigan
- Shannon Precision Fastener, New Distribution Facility, Holly, Michigan



# James Klinkenberger, CFM

Civil Engineers • Land Surveyors • Land Planners



## YEARS OF EXPERIENCE

Industry – 26

NFE – 9

## TITLE

Project Manager

## PROJECT ROLE

Project Manager

Floodplain Manager

## EDUCATION

Lawrence Tech

## CONTINUING EDUCATION

ASFPM Certified Floodplain Managers Continuing Education Certification Program

Training in Hydraulic and Hydrological Modeling and Evaluation using HEC-RAS and SCS-92

EGLE workshops on Michigan's Land and Water Permits

EGLE Subdivision Rules workshops

EGLE and State training in Natural Resources Regulations and Land Development relating to wetlands, floodplains, inland lakes and streams, tree preservation and endangered species protection.

Hazardous Waste Operations and Emergency Response training meeting requirements (OSHA HAZWOPER Regulations)

Mr. James Klinkenberger began his career at NFE in 2014, and currently serves as a Project Manager with over 26 years of civil engineering experience. James prepares Technical Reports, Capital Improvement Plans, Budgets, SAD estimates, Design Plans and Specifications, Hydrological Studies, Riverine & Flood Models, oversees Construction Administration for a variety of Public Improvement and Private Land Development Projects and is a Certified Floodplain Manager.

James specializes in projects impacted by floodplains and wetlands, providing solutions to environmentally sensitive sites with Low-Impact Development (LID) designs that meet Local, State and Federal environmental regulations. Over his career, James has developed a good relationship with EGLE and FEMA, helping him acquire the necessary permits and approvals needed for construction within these protected areas.

## PROJECT EXPERIENCE

### Project Engineer – Land Development Services

- FANUC America, Wetland Mitigation and Stream Relocation, Auburn Hills, Michigan
- TopGolf, New Entertainment Complex, Auburn Hills, Michigan
- Harrison Lofts, New Residential Development, Royal Oak, Michigan
- Shannon Precision Fastener, New Distribution Facility, Holly, Michigan
- The Villas at Bloomfield Grove, Hydraulic Studies for New Bridge and FEMA LOMR, Bloomfield Hills, MI
- Community Housing Network, New Housing Development, Pontiac, Michigan
- Ryan Court Apartments, New Affordable Housing, Detroit, Michigan
- Great Oaks Country Club - Sargent Creek Stream Restoration Project, Rochester, MI
- ArcelorMittal, New Manufacturing Plant, Detroit, Michigan
- Pebble Creek Condominium – Multiple Bridge Reconstruction and Stream Restoration Project, West Bloomfield, Michigan
- Chesterfield Town Center, Chesterfield Township, Michigan
- Chesterfield Township, Tucker Jones Drain Improvements and Hydraulic Studies, Chesterfield Township, Michigan

### Project Engineer – Municipal/Government

- Village of Lake Orion – Meeks Park Pedestrian Bridge Replacement
- Pontiac Schools – District Wide Renovation and Improvement Projects
- Pontiac High School Outdoor Athletic Complex, Pontiac Michigan
- Cranbrook Educational Community – Campus Wide Renovations and Improvements, Bloomfield Hills, Michigan

### Project Surveyor/Engineer – Municipal/Government

- Selfridge Air National Guard Base Improvements, Chesterfield Township, Michigan
- George George Memorial Park, Hillcrest on the Park and Meijer Developments, Floodplain and Wetland Improvements - Hydraulic Studies and Riverine Modeling of the Clinton River and designs for water quality control using rain gardens and the creation of new wetlands, Clinton Township, Michigan

### Consulting Engineer – Municipal/Government

- City of Pontiac Engineering Consulting Services
- Oakland County WRC - MLK Boulevard Sanitary Sewer Rehabilitation Project
- Oakland County Intermediate School District – Stormwater Management Program Plan and MS4 Permit Oversight

# Kevin Navaroli, PS

CIVIL ENGINEERS › LAND SURVEYORS › LAND PLANNERS



## YEARS OF EXPERIENCE

Industry – 28  
NFE – 17

## TITLE

Associate/Survey Manager

## PROJECT ROLE

Surveyor of Record

## EDUCATION

Bachelor of Science  
Ferris State University,  
2004  
Surveying Engineering

## LICENSES

Professional Surveyor,  
State of Michigan, 2006

Professional Surveyor,  
State of Ohio, 2011

National Council of  
Examiners for Engineering  
and Surveying (NCEES),  
2009

## CERTIFICATE

MUST Safety Program,  
2009

Mr. Kevin Navaroli began his career at NFE in 2007, and after several promotions, currently serves as Associate/Survey Manager for both municipal/MDOT improvement and private land development projects. He also assigns NFE's surveying teams to projects, overseeing that all surveyors are busy, and projects are completed on time. Kevin has exceptional communication and organizational skills, along with tons of patience, that is needed to successfully schedule NFE's surveying resources to meet our client's needs.

With extensive field experience, Kevin's expertise includes boundary, topographic, control, construction layout/staking and ALTA/NSPS Land Title Survey preparation. He is proficient in boundary review and analysis, right-of-way determination, legal research of property descriptions/deeds and field monumentation. In addition, Kevin has comprehensive knowledge of Michigan Public Act 132, Michigan Condominium Act and Michigan Plat Acts for development purposes.

## PROJECT EXPERIENCE

### Survey Manager and Surveyor of Record – Municipal Consulting Services

- City of Madison Heights, Michigan, Client since 1977, Various Municipal Improvement Projects
- City of Huntington Woods, Michigan, Client since 1980, Various Municipal Improvement Projects
- City of Royal Oak, Michigan, Client since 2002, Various Municipal Improvement Projects

### Survey Manager and Surveyor of Record – Subdivision Platting

- Alexander Place Subdivision, Royal Oak, Michigan
- Amended Plat of Outlot A Farmington Freeway Industrial Park No. 1, Farmington Hills, Michigan
- Amended Plat of Davis Addition, Farmington Hills, Michigan
- Amended Plat of Bloomfield Acres, Bloomfield Hills, Michigan

### Survey Manager and Surveyor of Record – Condominiums

- 84 Edmund Condominium, Detroit, Michigan
- Hudson Townes, Lyon Township, Michigan
- Charlevoix Commons, Charlevoix, Michigan
- Margate, Plymouth, Michigan
- Scripps District, Detroit, Michigan
- Billings Place, Royal Oak, Michigan
- Linda Condominium, Sterling Heights, Michigan
- The District Eton, Birmingham, Michigan
- Kamper Building Condominium, Detroit, MI
- Fisher Building Condominium, Detroit, Michigan
- Encore Townes at Tribute, Wixom, Michigan
- Encore Village at Tribute, Wixom, Michigan
- Brewster Village, Rochester Hills, Michigan
- Capital View Condominium, Lansing, Michigan
- Flat Irons of Detroit Street, Ann Arbor, Michigan
- Ravines at Plymouth, Plymouth, Michigan
- Green Oak Village, Green Oak, Michigan

# Paul A. Tulikangas, PE

CIVIL ENGINEERS › LAND SURVEYORS › LAND PLANNERS



## YEARS OF EXPERIENCE

Industry – 19  
NFE – 12

## TITLE

Associate/Engineering  
Manager

## PROJECT ROLE

Project Manager

## EDUCATION

Bachelor of Science  
Western Michigan  
University, 2006  
Construction Engineering

## LICENSES

Professional Engineer, State  
of Michigan, 2010

## CERTIFICATIONS

MDEQ Storm Water  
Operator  
Michigan TAMC  
Pavement Surface  
Evaluation & Rating  
(PASER) Certification

Mr. Paul Tulikangas began his career at NFE in 2012, and after several promotions, currently serves as Associate/Engineering Manager for the firm with over 18 years of civil engineering and project management experience. His responsibilities include conceptual planning, site plan development, detailed engineering design and project management for both public and private infrastructure projects. As Engineering Manager, Paul is also responsible for coordinating workloads and assignments for NFE's staff-level engineers, ensuring they maintain a healthy workload and gain valuable professional experience on a wide variety of projects.

Paul began performing surveying and field observation for municipal and MDOT projects at the start of his career. He then progressed to engineering design and construction management for both public and private projects, including site evaluation, design, bidding and contract administration. He has played an integral role in developing and implementing capital pavement inventory, management and repair programs for various clients on both regional and national levels. From his diverse professional work experiences, Paul has learned how to effectively provide quality engineering design and project management services to exceed client expectations.

## PROJECT EXPERIENCE

### Project Manager – Municipal Consulting Services

- City of Birmingham, Michigan, Client since 1999, Ongoing
  - Brown Street Reconstruction Project, Old Woodward Ave. to Woodward Ave.
  - Lincoln Hills Golf Course – Hole #1 Improvements
  - South Old Woodward Avenue Reconstruction from Brown to Landon
  - Cranbrook Road Non-Motorized Pathway Project (MDOT/Local Agency Project).
  - Townsend Street Reconstruction from Southfield to Chester
  - Grant Street Paving Project, 14 Mile to Bird and Humphrey to E. Lincoln
  - Maple Road Reconstruction Paving, Utility and Streetscape
  - 2018 Local Streets Project
  - Old Woodward Avenue Paving, Utility and Streetscape
  - Quarton Lake Estates Subdivision Reconstruction
  - West Maple Road Sewer Improvements and Resurfacing
  - Villa Road Paving and Utility
  - Webster Avenue Paving and Utility
  - Oak Street Paving and Utility
  - Kenning Park Parking Lot Renovations
  - North Eton Road Paving and Utility
  - Mohegan/Kennesaw Paving and Utility
  - Park Street Structure Streetscape Improvements
  - Cole Avenue Paving and Utility
  - Annual ADA Sidewalk Ramp Program

### Project Manager – Education

- University Liggett School, Boll Campus Center Addition, Grosse Pointe Woods, Michigan
- Lincoln Consolidated Schools, Pavement Repair Program, Ypsilanti, Michigan
- Clarenceville Public Schools, Middle School Parking Lot Improvements, Livonia, Michigan

# Dale DeCocker

## SENIOR ELECTRICAL DESIGNER

### PROJECT EXPERIENCE



#### **Royal Oak Centennial Commons** *Royal Oak, Michigan*

Lead electrical design for Royal Oak's new 2.5 acre park featuring a new terrace, shade structure, water feature, and enhancement of the existing veteran's memorial



#### **Friendship Park** *Orion Township, Michigan*

Lead electrical design for the new construction of a 4,200SF park pavilion with public meeting room, fireplace, staff offices, restrooms and kitchen area



#### **Outdoor Adventure Center** *Detroit, Michigan*

Lead electrical design for a 20,000SF renovation and 23,000SF addition, transforming the historic Globe Building into a new discovery and adventure center for the Michigan Department of Natural Resources with unique exhibits, DNR offices, and event spaces



#### **Michigan State Police Headquarters** *Dimondale Michigan*

Lead electrical design for the renovation of approximately 250,000SF of existing space within the General Office Building (GOB) to serve as the new headquarters for the Michigan State Police, including construction of a new employee fitness center



Dale is a distinguished Senior Electrical Designer with a profound journey in CAD work and electrical design that began during his high school years. His extensive expertise encompasses a broad spectrum of facilities, ranging from parking structures, multi-tenant residential buildings, commercial spaces, to healthcare and educational institutions. Within the SES team, Dale is a pivotal figure, leading code research, and the design and specification of power distribution and lighting systems. His work is critical in both pioneering new construction projects and transformative renovation endeavors, showcasing his unparalleled ability to innovate and adapt to the evolving demands of electrical design. Dale's dedication and skill are instrumental in enhancing the functionality and sustainability of numerous projects.

### INDUSTRY EXPERIENCE

24 years

### EDUCATION

AS, Study of Computer Information Systems

Macomb Community College



## INTOTO STUDIO

### James Singleton

Designer | Principal



#### Education

Lawrence Technological University  
Master of Architecture: 2011  
Bachelor Degree: 2008

#### Affiliations/Publications

MOCAD: Sustainable Architecture  
Detroit, 2008.  
Three dimensional space exhibiting  
Detroit: River International Wildlife  
Refuge design  
Topos Magazine, 2009  
Detroit: Scale of Crisis = Scale of  
Intervention: Detroit River International  
Wildlife Refuge

\*services performed while with  
Hamilton Anderson Associates

+services performed while with IFF

With nearly three decades of experience designing projects across the urban-rural spectrum, and across project types and complexities, James draws on the innate qualities of a place to inform authentic and grounded solutions. Having built his career in Detroit, he embraces the challenge of balancing a high level of design quality with construction feasibility and limited resources. His work spans new construction and adaptive reuse, as well as community-based projects such as mixed-use, adaptive reuse, public safety, and recreation facilities nationally. During his time at Hamilton Anderson Associates, James was the team leader on municipal projects such as Lipke and Farwell recreation centers, and Treme Recreation center in New Orleans.

With a background as both a designer and a residential contractor, he is adept at navigating the complexity of design and construction, and his deep understanding of how buildings go together affords him the ability to conceive of the widest possibilities, balanced with their technical impacts. His designs have been recognized by the Detroit and Michigan chapters of the American Institute of Architects (AIA) and the National Organization of Minority Architects (NOMA), and he serves as a frequent juror at the architectural schools at Lawrence Technological University, University of Detroit Mercy, and the University of Michigan.

#### Professional Experience (Partial Listing)

Riverside Park Comfort Station: Detroit, MI	Summer - Knoll Academy: Ann Arbor, MI
Farwell Gymnasium Addition: Detroit, MI	Detroit River International Wildlife Refuge: Trenton, MI*
Trinity Early Childhood Education Center: Detroit, MI	Detroit School of Arts High School: Detroit, MI*
NEW Center Renovation: Ann Arbor, MI	New Hope Academy: Detroit, MI*
Gilbert Community Center: Detroit, MI	Youthville Child Development Center: Detroit, MI*
Coolidge DDOT Maintenance Facility: Detroit, MI	Marygrove Early Learning Center: Detroit, MI <sup>+</sup>
Clinch Park Pavilion: Traverse City, MI*	Regent Park Early Learning Center: Detroit, MI <sup>+</sup>
Lipke Recreation Center: Detroit, MI*	Greater Detroit ECE Facility Assessments: Detroit, MI <sup>+</sup>
Farwell Recreation Center: Detroit, MI*	Detroit Riverfront Corporate HQ: Detroit, MI*
Treme Recreation Center: New Orleans, LA*	Wayne State University Tech Town 440 Burroughs: Detroit, MI*
Louis Armstrong Park: New Orleans, LA*	Detroit Police Communications Facility: Detroit, MI*
Access Recreation Center: Detroit, MI*	New Detroit Police Headquarters Program Feasibility: Detroit, MI*

## INTOTO STUDIO

### Ben Ellefson AIA

Architect | Principal



#### Registrations

Registered Architect: MI and CA  
United States Green Building Council:  
LEED AP BD+C

#### Education

Southern California Institute of  
Architecture (SCI-arc)  
Post-Professional Master Degree: 2004  
University Of Detroit Mercy  
School Of Architecture  
Professional Bachelor Degree: 1999

\*services performed while with  
Hamilton Anderson Associates

+ services performed while with HGA, Los Angeles, CA

\*\* services performed while with  
Jenkins/Gales & Martinez Inc, Los Angeles, CA

++services performed while with  
House & Robertson Architects, Los Angeles, CA

With two decades of architecture experience spanning both Michigan and California, Ben has worked on a number of project types including mixed use developments, civic projects, higher education, residential, transportation, urban design, site planning, and healthcare.

Using his creative and technical acumen he strives for aesthetic excellence and functionally sound architecture. He is skilled at employing principles of lean design and integrated project delivery. Working closely with contractors, consultants, and clients, he ensures quality documentation from concept through construction. Ben is also an instructor at the University of Detroit Mercy School of Architecture where he has taught the upper level integrated studio, 1st and 2nd year foundation studios, and a summer design studio working with local community groups to design and build a neighborhood hub park and pavilion.

#### Professional Experience (Partial Listing)

Farwell Gymnasium Addition: Detroit, MI	Southwest Public Safety Center: Detroit, MI*
Riverside Park Comfort Station: Detroit, MI	West Outer Drive multi-family housing: Detroit, MI
NEW Center Renovation: Ann Arbor, MI	Grandmont Rosedale mixed-use multi-family housing: Detroit, MI
Gilbert Community Center: Detroit, MI	East Adams mixed-use permanent supportive housing: Detroit, MI
McGraw Adaptive Reuse: Detroit, MI	East Los Angeles College Student Success Center: Monterey Park, CA+
Trinity Early Childhood Education Center: Detroit, MI	Magnolia Place Family Center: Los Angeles, CA++
Coolidge DDOT Maintenance Facility: Detroit, MI	Fuller Seminary Worship Center: Pasadena, CA++
Rouge Park, Splash Pad Pump Building: Detroit, MI	Midland Center for the Arts Renovation Studies: Midland, MI*
Lipke Recreation Center: Detroit, MI*	College of the Desert West Valley Campus Phase 1: Palm Desert, CA+
Farwell Recreation Center: Detroit, MI*	DMC Sinai-Grace Hospital expansion and renovation: Detroit, MI*
Clinch Park Pavilion: Traverse City, MI*	Ronald McDonald House of Detroit (DMC): Detroit, MI*
Youthville Child Development Center: Detroit, MI*	DMC Imaging Advantage Radiology Reading Center: Detroit, MI*
Detroit School of Arts High School: Detroit, MI*	Addison Hotel Historic Renovation: Detroit, MI*
Wayne State University Welcome Center Complex: Detroit, MI*	Little Caesars Arena Townhouses Concept/Feasibility: Detroit, MI*

# Jason Krolicki, PE SE



## Profession

Structural Engineer

## Current Position

Founding Principal

## Years of Experience

20+

## Awards

ENR California's 2014 Top 20 Under 40 Award

Consulting-Specifying Engineer's 2013 40-Under-40 Award

## Qualification

PE, State of MI, CA, FL, & NV

SE, State of CA, AZ

MS, Earthquake Engineering, Università degli Studi di Pavia, Italy - Istituto Universitario di Studi Superiori (I.U.S.S.) European School for Advanced Studies in Reduction of Seismic Risk (ROSE School)

BS, Civil Engineering, Michigan State University, 1995-1998

## Professional Associations

Structural Engineers Association of Michigan (SEAMi)

American Society of Civil Engineers (ASCE)

Council on Tall Buildings and Urban Habitat (CTBUH) Past President of San Francisco Local Chapter

American Concrete Institute (ACI)

American Institute of Steel Construction (AISC)

## Committees

SEAONC – AB 082 Task Group: Guidelines and Procedures for Structural, Geotechnical, and

Jason Krolicki is a structural engineer and founding Principal at Resurget Engineering PLC. A native to the Detroit area, he has over 20 years of experience and led award winning projects around the world; including giant observation wheels, mixed-use high-rise structures, university buildings, hospitals, hotels and office buildings. His design and project management experience span all project phases from conception to completion and includes many challenging projects in seismic regions. Jason has led several performance-based designs, using innovative systems to achieve more seismically resilient structures for his clients.

As a manager, he is client-focused, always aiming to understand and respond to overall project goals. He maintains a deep involvement in the design of each project, providing experienced structural guidance and creative solutions to a variety of technical challenges, from high-level conceptual problems to specific detailing issues. Jason has extensive knowledge in the design and detailing of a variety of materials including steel, concrete, wood, and masonry. He combines a strong theoretical background in the behavior of structures with current state of the art design practice.

Utilizing his range of experience and passion for design, Jason approaches every project with a focus on performance and innovation.

## Civic Projects:

### Riverside Park Comfort Station - Detroit, MI

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Architect: INTOTO Studio

Owner: City of Detroit - General Services Department

Status: In construction

Project Description: This new concession building is part of the larger Riverside Park renovation and provides public amenities and facilities to complement the park program and operations. The building is clad in perforated Corten steel panels and large sliding panels creating a porous façade that is naturally ventilated, durable, and inviting for park guests.

Seismic Hazard Engineering  
Design Review

Past Chair of SEAONC -  
Seismology, Performance Based  
Design - Tall Building  
Subcommittee

#### **Selected Publications**

The Resilience-Based Design of  
the 181 Fremont Tower, Structure  
Magazine, June 2016

Vegas High Roller Giant  
Observation Wheel – Designing  
Beyond the Code, SEAOC  
Convention 2013

Vegas High Roller: Giant  
Observation Wheel Design, SEI  
Conference 2013

Vegas High Roller 3D Modeling  
and Integration, SEI Conference  
2013

Wind Comfort Studies for the  
Vegas High Roller Observation  
Wheel, SEI Conference 2013

Shear Strength of Reinforced  
Concrete Walls Subjected to  
Cyclic Loading, Journal of  
Earthquake Engineering, 2011

Dubai Towers, Dubai –  
Engineering the World's Tallest  
Sculpture, ASCE Structures  
Congress 2010

Performance-based design of tall  
buildings: a comparison of recent  
projects, Proceedings of the  
SEAOC Annual Convention, 2009

### **Ralph C. Wilson, Jr. Centennial Park, Detroit MI, USA**

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Project Director and SEOR for the new Western Riverfront Park in Detroit MI. The park design is led by Michael Van Valkenburgh and Associates, in conjunction with David Adjaye and Associates as lead design of the park house buildings with Neumann/Smith Architecture as the AOR. The new 22-acre park will engage the river creating a sandy beach, and new seawall. The building structures include a Sports House for covered outdoor sport activities, the Park House for the park maintenance and activity center and two Comfort Stations housing public restrooms serving the park.

### **Warren Yard Trail Head Comfort Station - Detroit, MI**

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Architect: Hamilton Anderson

Owner: City of Detroit - General Services Department

Status: In construction

Project Description: This comfort station anchors the new Warren Yard Trailhead Park and playground. The building houses restrooms, an event room, park maintenance services, and a large open canopy and fireplace as a public gathering space. The roof structure utilizes mass timber CLT to create an efficient span and architecturally exposed wood soffit.

### **Idea Tree, San Jose, CA\***

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The Idea Tree welcomes visitors to the City of San Jose's newly renovated McEnery Convention Center as a focal point in the main entrance plaza. Arup worked closely with Seoul-based designer Life Things and fabricator Demiurge, of Denver, CO to help realize a structure in keeping with the original artistic intent. Jason was the Engineer of Record for this installation.

### **Ellipse, Des Moines, IA\***

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The ellipse is a tubular structure approximately 90ft long and 30ft high supporting programmable LED installation housed in 19 circumferential rings. The chosen material is stainless steel and includes an innovative blend of Duplex and 316 grades to realize the artist's vision of as slender columns as possible.

### **Reflected Loop, Central Subway, San Francisco, CA\***

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Reflected Loop is a proposed installation for the new Central Subway Union Square, which is a 'ribbon' that runs above the platform and weaves up and over the subway box struts. The ribbon is formed from many high polished discs and are visible to the passengers below. The discs are suspended from 'ribs' and a cable net arrangement.

\*experience prior to Resurget Engineering





PROMENADE PARK, TOLEDO, OH\_MKSK



# OLD WOODWARD AVENUE/MAPLE ROAD CORRIDOR & MULTIMODAL TRANSPORTATION ADVISING

**MKSK**

Birmingham, Michigan



PHASE 1 - OLD WOODWARD AVENUE

## Redesign to “complete streets” to improve safety, multi-modal transportation, and parking

MKSK is providing on-going multi-modal transportation advising to the City of Birmingham. The work includes the evaluation of traffic and non-motorized operations, development of conceptual alternatives, and redesign of streets and streetscapes. MKSK also is assisting the City with parking studies and strategies for the downtown, Triangle and Rail Districts. All of these projects involve engagement with the public, stakeholders, focus groups, and elected officials.

A key project was the redesign of Old Woodward and Maple Roads through the core of the downtown. MKSK identified a design concept that would best balance a variety of transportation and economic goals advocated by various groups and the public. Business leaders emphasized the need to retain the amount of convenient on-street parking and a thoughtfully designed streetscape. Planners sought wider sidewalks with more frequent pedestrian crossings and additional space for outdoor cafés. Others advocated better routing for bikes and use of long lasting green infrastructure elements. City engineers stressed the need for smooth traffic operations, radii for larger commercial

vehicles, and cost considerations. Some wanted to retain the traditional streetscape features while others felt it was time for a fresh design. Through exploration of a range of alternatives, MKSK crafted a design that strikes a balance between those somewhat competing goals. The final design expands the pedestrian zone by incorporating linear planting beds, seating elements, and other site amenities; increasing the walkable sidewalk width by up to 25%; and reducing the overall roadway paving section.

Based on the enthusiastic reactions to Phase 1 (north section of Old Woodward) and Phase 2 (Maple Road), MKSK and the design team completed the design and implementation for Phase 3 (south section of Old Woodward).

As advisors to the City’s Multi-Modal Board, MKSK also finalized a redesign for the important alleyway that parallels Old Woodward Avenue to improve its appearance and convenience for pedestrians. MKSK also advised the city on numerous parking studies and projects.

CLIENT	City of Birmingham
CONTACT	Jana Ecker, Planning Director
PHONE	248.538.1800
EMAIL	jecker@bhamgov.org
YEAR	2016 Plan, 2018-2022 Implementation



# OLD WOODWARD AVENUE/MAPLE ROAD CORRIDOR & MULTIMODAL TRANSPORTATION ADVISING

Birmingham, Michigan

# MKSK



PHASE 1 - OLD WOODWARD AVENUE

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2016 Plan, 2018-2022 Implementation



# OLD WOODWARD AVENUE/MAPLE ROAD CORRIDOR & MULTIMODAL TRANSPORTATION ADVISING

Birmingham, Michigan

# MKSK



PHASE 1 - OLD WOODWARD AVENUE

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2016 Plan, 2018-2022 Implementation



# OLD WOODWARD AVENUE/MAPLE ROAD CORRIDOR & MULTIMODAL TRANSPORTATION ADVISING

Birmingham, Michigan

# MKSK



PHASE 2 - MAPLE ROAD

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EMAIL	jecker@bhamgov.org
YEAR	2016 Plan, 2018-2022 Implementation



# CENTENNIAL COMMONS

Royal Oak, Michigan

# MKSK



## Creating a community's world-class urban park

MKSK is working with the City of Royal Oak, Downtown Development Authority, and the local community to design and construct a new two-acre "World Class" urban park in the heart of downtown Royal Oak. Located nearly 10 miles from downtown Detroit, the new downtown park will serve as a central gathering space for the entire community and will host multiple festivals and events throughout the year. With immediate adjacency to the Royal Oak Downtown Library, Farmer's Market, and the new City Center development, this new downtown park will also serve as a daily destination for local residents and workers to engage with nature and take a few moments of respite during the weekly grind.

MKSK engaged the public and a local task force to develop three distinct concept design alternatives exploring a variety of programmatic relationships and overall design framework. Our planning and design team prepared multiple diagrams, plan renderings, and 3D models to illustrate the design intent and better inform the public and client for input and feedback.

### Outcome:

- 2020 Michigan Association of Planning Excellence Award for Outstanding Planning Project - Urban Design

CLIENT  
CONTACT

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Judy Davids, Community Engagement  
Specialist

PHONE  
EMAIL  
YEAR

248.246.3201  
Judyd@romi.gov  
2022



# CENTENNIAL COMMONS

Royal Oak, Michigan

# MKSK



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2022



# LAWRENCEBURG CIVIC PARK

Lawrenceburg, Indiana

# MKSK



## A catalytic urban park to pave the path for future downtown development

Serving as the design and planning lead, MKSK worked with the City of Lawrenceburg on the revitalization of 2.5 acres in the heart of their riverfront downtown. MKSK led an effort to deliver a scope from concept to construction and worked closely with City Officials and Key Stakeholders to develop a responsive program and engaging urban space. The conceptual design of this urban plaza integrates the surrounding cityscape into a catalytic destination for the community of Lawrenceburg. Informed by a comprehensive community engagement process, the park serves the needs of the public and envisions redevelopment opportunities of the surrounding land parcels. Design inspiration for the space is derived from the braiding waters of the Ohio River and the flowing soundwaves of the existing concert series that has reintroduced downtown to the surrounding neighborhoods. Narrowed walkable streets are lined with patterned paving and plantings that create

a permeable edge to the plaza, carving out space for viewing performances, picnicking, kite flying, and passive recreation. Amenities include a pavilion that integrates into the overall site design, a series of water features that transition from a sheeting table of water to a band of interactive pop up jets, perimeter cafes for dining and observing, playscape, food truck alley, event/accent lighting, and sculpted planters with integrated seat walls. The park is expected to fill a critical need in the city's existing public open space, promote development of the entertainment district, and become a regional destination as an outdoor entertainment venue.

### Outcomes:

- 2021 IDA Achievement Award of Excellence in Urban Place Management
- 2020 Accelerate Indiana Municipalities (Aim) Community Placemaking Award
- 2020 INASLA Merit Award
- 2019 OCASLA Merit Award
- 2019 KY ASLA Honor Award

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YEAR

City of Lawrenceburg  
Kelly Mollaun, Mayor  
812.532.3500  
kmollaun@lawrenceburg.in.gov  
2019



# LAWRENCEBURG CIVIC PARK

Lawrenceburg, Indiana

# MKSK



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Kelly Mollaun, Mayor  
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2019

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# LAWRENCEBURG CIVIC PARK

Lawrenceburg, Indiana

# MKSK



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YEAR	2019



# LAWRENCEBURG CIVIC PARK

Lawrenceburg, Indiana

# MKSK



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City of Lawrenceburg  
Kelly Mollaun, Mayor  
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2019



# ROSE RUN CORRIDOR VISION PLAN & IMPLEMENTATION

New Albany, Ohio

# MKSK



## Corridor vision plan establishes framework to link New Albany Learning Campus with Village Center

The Rose Run Corridor Vision Plan is intended to guide park development and urban redevelopment at the core of the Village Center and energize the downtown with new park space and an improved greenway. The plan and implementation intertwines the riparian edge of the Rose Run stream corridor with more urbanized pedestrian connections and green spaces linking the Learning Campus with the Village Center and Public Library, and breaking the once divided land uses.

The improvements have included the realignment of Village Hall Road to reclaim park space between the Library and the Rose Run corridor, a pedestrian bridge leading to a new plaza overlook, and added walking paths and activity spaces along the stream corridor. Acquisition of this land facilitates the new Library Gardens to the south which

connects to the new pedestrian bridge crossing the stream. The pedestrian bridge leads to a new plaza overlook along Dublin Granville Road at the southern end of the existing Learning Campus entry greenspace. Both the pedestrian bridge and the plaza overlook will serve as a ceremonial gateway to the City of New Albany. Additionally, this new space will be a focal point of the project and programmed to accommodate City festivals, farmers markets, and other public gatherings.

MKSK provided study plan services for the initial design and, in conjunction with the Engineer team, is continuing design services for the next phase of implementation. Construction began in 2018 and the phase one Rose Run Park opened to the public in the spring of 2020.

### Outcomes:

- 2022 OCASLA Award of Excellence

CLIENT	City of New Albany
CONTACT	Joseph Stefanov, City Manager
PHONE	614.855.3913
EMAIL	jstefanov@newalbanyohio.org
YEAR	2016 Plan, 2020 Phase One, On-going Phase Two



# ROSE RUN CORRIDOR VISION PLAN & IMPLEMENTATION

New Albany, Ohio

# MKSK



CLIENT	City of New Albany
CONTACT	Joseph Stefanov, City Manager
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EMAIL	<a href="mailto:jstefanov@newalbanyohio.org">jstefanov@newalbanyohio.org</a>
YEAR	2016 Plan, 2020 Phase One, On-going Phase Two

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# ROSE RUN CORRIDOR VISION PLAN & IMPLEMENTATION

New Albany, Ohio

# MKSK



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2016 Plan, 2020 Phase One, On-going  
Phase Two

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# ROSE RUN CORRIDOR VISION PLAN & IMPLEMENTATION

New Albany, Ohio

# MKSK



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2016 Plan, 2020 Phase One, On-going  
Phase Two

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# GARY MATZNER PARK

Pinecrest, Florida

# MKSK



## Embracing newly-founded public space to enrich a community in South Florida

Following the recommendations of the parks master plan, the Village of Pinecrest will be creating a new neighborhood park. The Gary Matzner Park will provide a much-needed space to gather, play, and passively enjoy nature.

MKSK facilitated public engagement which included conducting an on-line community survey, website management, and leading a public open house to foster community input. Informed by the results of the community engagement process, the design team prepared a range of options illustrated in plan and perspective views to communicate the design intent for feedback by the Village and public.

The park prioritizes the preservation of several existing trees including a heritage oak tree which anchors the design. The park design reflects this ethos in all aspects by carefully weaving around and beneath the sprawling tree canopies. Key amenities of the park include a serene walking path, a themed covered play area, naturalized zones, multi-purposed lawns areas, and a park shelter with restroom facilities.

CLIENT  
CONTACT

PHONE  
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YEAR

Village of Pinecrest  
Robert C. Mattes, CPRE, CPSI,  
Parks & Recreation Director  
305.284.0900  
rmattes@pinecrest-fl.gov  
2023



# GARY MATZNER PARK

Pinecrest, Florida

# MKSK



CLIENT  
CONTACT

Village of Pinecrest  
Robert C. Mattes, CPRE, CPSI,  
Parks & Recreation Director

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YEAR

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2023

# MOUNT VERNON COMMONS

MOUNT VERNON, ILLINOIS

# MKSK



## Creating an event destination to foster community and creativity

Creativity and festivities have been a part of the Mt Vernon culture since its inception. Throughout the early years of the city's development, the town creativity utilized the central cobblestone streets and Jefferson County courthouse grounds for festivities, events, holiday merriments and parades. The design for 'the commons' new park and event destination celebrates this rich history and will provide the community with new civic heart for festivities and creativity to flourish. The courthouse grounds will continue to be part of this tradition and forms the backdrop for the new multi-purpose downtown park.

MKSK worked closely with city leadership, and our collaborative design team to develop a space that would redefine the Mt Vernon downtown precinct. 'The commons' large open green space and central stage will facilitate numerous large city events, and at the same time creates a much-needed public lawn and peaceful park setting

for daily use. The central open space is encircled by numerous creature comforts, including a new restroom facility, children's play area, large bench swings, and several flexible use trees lined bosques. The catenary lined biergarten and al fresco dining space located along 9th street will support the active dining and entertainment operating nearby.

CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

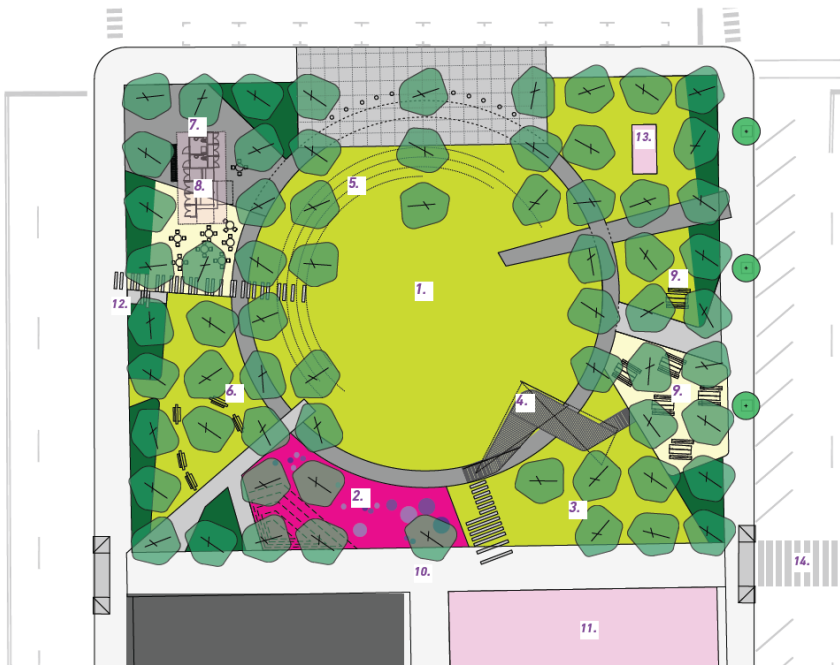
City of Mount Vernon  
Mary Ellen Bechtel, City Manager  
618-242-6802  
citymanager@mtvernon.com  
2023



# MOUNT VERNON COMMONS

MOUNT VERNON, ILLINOIS

# MKSK



- FEATURES KEY**
- 1. GREAT LAWN
  - 2. PLAY AREA
  - 3. ALL AGES ACTIVITIES / GAMES
  - 4. STAGE / PODIUM WITH SHADE SAIL
  - 5. AMPHITHEATRE
  - 6. SEATING & SWINGS
  - 7. REST ROOMS
  - 8. KIOSK
  - 9. FLEXIBLE PLAZA / AL FRESCO DINING
  - 10. ALLEY ACCESS & FOOD TRUCKS
  - 11. DEVELOPMENT SITE
  - 12. PARADE PODIUM
  - 13. STORAGE & EQUIPMENT
  - 14. PROPOSED CROSSING
- FINISHES KEY**
- RUBBER SOFT FALL SURFACE
  - COMPACTED AGGREGATE
  - CONCRETE PAVING
  - GARDEN BED
  - LAWN

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2023

# RIVERSIDE CROSSING PARK

Dublin, Ohio

# MKSK



## New 36-acre park brings recreational activities, river access, and open space to planned urban district

Through early community planning for the Bridge Street District, the Scioto River corridor through Historic Dublin was identified as the focal point for initial public investment. The invaluable community assets of the river and historic core offered the foundation for expanded civic space within the heart of the community. The planning for Riverside Crossing Park envisioned increased recreation, scenic and education opportunities along the riverfront, while providing protection for sensitive natural features and enhancing ecological systems.

The new park will be an important part of a broader system of regional parks and local recreational systems, linking to these assets through extensive bicycle/pedestrian facilities, canoe/kayak access points, and scenic natural connections. The west side of the park is envisioned as a

more naturalized area with connections to the Indian Run greenway, Scioto River access, and trail systems. The east side of the park is elevated outside of the floodplain and has planned areas for public gatherings and cultural events, a pavilion building, outdoor ice skating, rock climbing, planting beds, and scenic river overlooks.

MKSK led the park master planning, design and implementation process in conjunction with the City and input from the community.

### Outcomes:

- 2023 OCASLA Award of Excellence

CLIENT  
CONTACT

City of Dublin  
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Shawn Krawetzki, Landscape Architect  
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2021

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YEAR

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# RIVERSIDE CROSSING PARK

Dublin, Ohio

# MKSK



**CLIENT  
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**YEAR**

2021

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# RIVERSIDE CROSSING PARK

Dublin, Ohio

# MKSK



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Shawn Krawetzki, Landscape Architect

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mearman@dublin.oh.us  
skrawetzki@dublin.oh.us

**YEAR**

2021

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# RIVERSIDE CROSSING PARK

Dublin, Ohio

# MKSK



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CONTACT

City of Dublin  
Matthew Earman, Parks Director  
Shawn Krawetzki, Landscape Architect

PHONE  
EMAIL

614.410.4568, 614.410.4707  
mearman@dublin.oh.us  
skrawetzki@dublin.oh.us

YEAR

2021

[mkskstudios.com](http://mkskstudios.com)



# REEDY RIVER REDEVELOPMENT AREA & UNITY PARK

Greenville, South Carolina

# MKSK



## Integrating public park design with neighborhood planning to create sustainable solutions with an immediate positive impact

Recognizing the important relationship between park planning and community development, MKSK and the City of Greenville have partnered on an innovative approach to equitable development and public space planning on the west side of Greenville, South Carolina.

The Reedy River Redevelopment Area (RRRA) is a 350-acre district in the historically African American neighborhoods of Southernside and West Greenville and is centered around the Reedy River. In a proactive approach to planning for flood hazards, real estate market pressures, and community needs, MKSK prepared a district plan for parks and open space in the Reedy River floodplain and an affordable housing and equitable development plan for the neighborhoods surrounding the river and future park.

This comprehensive approach to parks and community planning provided the foundation for social and environmental equity in the culturally-rich neighborhoods west of downtown Greenville and also provided a model for urban floodplain management and green infrastructure.

Building on the district planning effort that launched in 2016, MKSK has continued to assist the City and greater Greenville community in the development of this vision with the creation of a Community Character Code (form-based code), detailed design and engineering for a signature urban riverfront park (Unity Park), and affordable housing and development planning for the district. Unity Park is supported by both public and private funding. The project is currently under construction.

CLIENT	City of Greenville
CONTACT	John Castile (Former City Manager) Executive Director, Greenville County Redevelopment Authority
PHONE	864.242.9801
EMAIL	jcastile@gcra-sc.org
YEAR	On-going

[mkskstudios.com](http://mkskstudios.com)



# REEDY RIVER REDEVELOPMENT AREA & UNITY PARK

Greenville, South Carolina

# MKSK



CLIENT  
CONTACT

City of Greenville  
John Castile (Former City Manager)  
Executive Director, Greenville County  
Redevelopment Authority

PHONE  
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YEAR

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Greenville, South Carolina

# MKSK



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CONTACT

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Greenville, South Carolina

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CONTACT

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jcastile@gcra-sc.org  
On-going

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# RIVERSEDGE URBAN DESIGN PLAN & MARCUM PARK

Hamilton, Ohio

# MKSK



## Urban planning and design for a vibrant new riverfront destination park and performance venue

In 2007, MKSK undertook an Urban Design Plan that would embrace and engage stakeholders, and successfully redevelop the urban river corridor in Hamilton, Ohio to meet the needs of the regional community. Located on a brownfield redevelopment site—the former Sister of Mercy Hospital—the Hamilton RiversEdge Urban Design Plan study area included the parkland on the east bank of the Great Miami River, several select streetscapes, and the integration of private development in this area into the “fabric” of the city riverscape. Elements of the plan included creating both active and passive recreational opportunities, introducing a Performance Amphitheater, providing for critical linkages to the regional bikeway system and neighboring land uses including access to 80 miles of paved recreational trail, environmental graphics concepts for the “district” identity, design guidelines, standards and preliminary cost estimates.

Completed in 2013, the first phase RiversEdge Amphitheater and Overlook is host to live musical performances and events throughout the year, including the popular Summer Concert Series which features free concerts and draws thousands to downtown Hamilton.

Since 2013, MKSK has been working with the City of Hamilton, Hamilton Community Foundation, Hamilton Park Conservancy, and stakeholders to develop a Park Expansion Master Plan and phased development strategy that builds upon the momentum of the 2007 urban design plan and amphitheater. The park program for the new Marcum Park features a playscape, large event lawn, terraces and gardens, among other elements. Made possible through a \$3.5 million private donation by the Marcum family, MKSK worked with the donor team to finalize the park design which opened in the summer of 2016. The development of the park continues the goals first introduced by local and regional stakeholders in 2007, as part of the larger plan to redevelop this area of urban river corridor to meet the needs of the regional community and users of all ages and interest.

### Outcome:

- Named one of five Great Public Spaces in America 2018 by the American Planning Association spurred \$15 million, 102-unit Marcum Apartment complex with first-floor retail

CLIENT	City of Hamilton/Hamilton Parks Conservancy
CONTACT	John Guidugli, Hamilton Community Foundation
PHONE	513.863.1717
EMAIL	<a href="mailto:jguidugli@hamiltonfoundation.org">jguidugli@hamiltonfoundation.org</a>
YEAR	2007 MP, 2013 Ph 1, 2016 Park

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# RIVERSEDGE URBAN DESIGN PLAN & MARCUM PARK

Hamilton, Ohio

# MKSK



CLIENT	City of Hamilton/Hamilton Parks Conservancy
CONTACT	John Guidugli, Hamilton Community Foundation
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EMAIL	<a href="mailto:jguidugli@hamiltonfoundation.org">jguidugli@hamiltonfoundation.org</a>
YEAR	2007 MP, 2013 Ph 1, 2016 Park

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# RIVERSEGE URBAN DESIGN PLAN & MARCUM PARK

Hamilton, Ohio

# MKSK



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CONTACT	John Guidugli, Hamilton Community Foundation
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EMAIL	<a href="mailto:jguidugli@hamiltonfoundation.org">jguidugli@hamiltonfoundation.org</a>
YEAR	2007 MP, 2013 Ph 1, 2016 Park

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Hamilton, Ohio

# MKSK



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EMAIL	<a href="mailto:jguidugli@hamiltonfoundation.org">jguidugli@hamiltonfoundation.org</a>
YEAR	2007 MP, 2013 Ph 1, 2016 Park

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# KULIGA PARK AMPHITHEATER AND IMPROVEMENTS

Green Township, Ohio

# MKSK



## Bringing a valued neighborhood park back to life with new and improved amenities

Green Township engaged MKSK to prepare a full park master plan for the redevelopment of their existing Kuliga Park. The park is home to their community sports fields and the Green Township annual Fourth of July celebration and firework display. To provide an improved event space for the firework event and potential for summer series events the master plan focused on the development of a new amphitheater facility. The facility includes a new amphitheater bowl with elevated stage under an overhead tensile structure and new restroom facility with event green room and picnic shelter. The Master Plan also included the renovation of the existing sports fields including baseball fields, soccer fields and a multipurpose fields.

To provide a passive recreation opportunity and connect the park, the plan introduced a 1-mile plus multiple purpose trail loop system connecting the amenities of the park. In addition to the amphitheater and the recreational fields the master plan introduced a restored natural planting area with passive recreational trails and picnic areas.

Upon the completion of the master plan development, Green Township engaged MKSK to develop the construction documentation plans for the amphitheater event area and walking path system implementation.

CLIENT	Green Township
CONTACT	Frank Birkenhauer, Administrator
PHONE	513.574.4848
EMAIL	fbirkenhauer@greentwp.org
YEAR	2021



# KULIGA PARK AMPHITHEATER AND IMPROVEMENTS

Green Township, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

Green Township  
Frank Birkenhauer, Administrator  
513.574.4848  
fbirkenhauer@greentwp.org  
2021



# KULIGA PARK AMPHITHEATER AND IMPROVEMENTS

Green Township, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

Green Township  
Frank Birkenhauer, Administrator  
513.574.4848  
fbirkenhauer@greentwp.org  
2021



# CENTENNIAL PLAZA

Canton, Ohio

# MKSK



## “Public square” organizational basics and a few big ideas serve as a starting point for a community-driven design process

Beginning in 2014 with several completed projects (including Pro Football Hall of Fame and Village), the City of Canton has generated tremendous momentum by creating new commercial activity, residential growth, and entertainment experiences. However, investment in a central public space had not occurred. The Canton Centennial Plaza project is that investment, establishing a central green space for the community and a regional destination for visitors. The project is an important building block in creating a vibrant downtown with the ability to generate day-to-day activities and host major events. It will serve as the city’s “public square” for the entire community and provide for a memorable landmark for all visitors.

The design process focused on utilizing the history and character of the existing site. Market Avenue serves as the plaza’s front door, with major gateways established at the intersections of 3rd and 4th Streets. The “public square” concept was achieved through a unifying paving strategy that spans the public realm (streets) to the private realm (plaza), and from building face to building face along 3rd,

4th, and Court Avenue. Anchoring the design is a simple yet elegant steel structure called the Centennial Pavilion with an event lawn for approximately 5,000 guests, an integrated stage component, accent LED lighting, a high definition video screen and audio/ WIFI system. On axis with the pavilion is the iconic 65’ tall stainless-steel Rotunda sculpture. Inspired by the rotunda of the original Hall of Fame building, the new Rotunda sculpture gracefully suggests that of a football, establishes a space and is a memorable landmark. Other amenities include a café / restroom building with a green roof, an interactive mist garden, a social garden, and a variety of other themed garden experiences. A diverse planting palette was established to reinforce the City’s desire for an iconic space, while providing 4-season use. Further, in order to build on the already strong sense of community and identity, the design team utilized materials commonly found in Canton including locally sourced brick, stone, and metal.

### Outcome:

- 2019 OCASLA Merit Award – Design Not Constructed
- 2021 Hardscape North America Winner, Clay Brick-Commercial Category

CLIENT	City of Canton
CONTACT	Donn B. Angus, Director of Planning
PHONE	330.438.4343
EMAIL	donn.angus@cantonohio.gov
YEAR	2020



# CENTENNIAL PLAZA

Canton, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

City of Canton  
Donn B. Angus, Director of Planning  
330.438.4343  
donn.angus@cantonohio.gov  
2020



# CENTENNIAL PLAZA

Canton, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

City of Canton  
Donn B. Angus, Director of Planning  
330.438.4343  
donn.angus@cantonohio.gov  
2020



# CENTENNIAL PLAZA

Canton, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

City of Canton  
Donn B. Angus, Director of Planning  
330.438.4343  
donn.angus@cantonohio.gov  
2020



# CENTENNIAL PLAZA

Canton, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

City of Canton  
Donn B. Angus, Director of Planning  
330.438.4343  
donn.angus@cantonohio.gov  
2020

# IMAGINATION ALLEY

Cincinnati, Ohio

# MKSK



## Reenvisioning the public realm for visitors to one of Cincinnati's most popular neighborhoods

MKSK is serving as the lead designer, for the transformation of Imagination Alley from a pass-through space into a destination and community amenity. Working closely with 3CDC and local community leaders, the process was initiated with a community engagement process that represented a diverse cross section of residents and local business leaders throughout the Over-the-Rhine neighborhood. Feedback from these conversations provided the design team a wish list of programming and placemaking opportunities that included movie nights, game areas, kids play spaces, outdoor cooking classes, and a variety of seating and conversation areas for those that visit the site daily or visitors in the area dining at the local restaurants. The design also incorporates special lighting applications into the space effectively extending the attraction, usage, and safety of the space from day into

night. A combination of overhead string lights, tree lighting, and pole lights illuminate the dynamic design and create a unique setting in this urban setting.

### Outcomes:

- 2022 KYASLA Award of Merit Design Constructed

CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

3CDC  
Lann Field, VP of Development  
513.621.4400  
lfield@3cdc.org  
2021



# IMAGINATION ALLEY

Cincinnati, Ohio

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

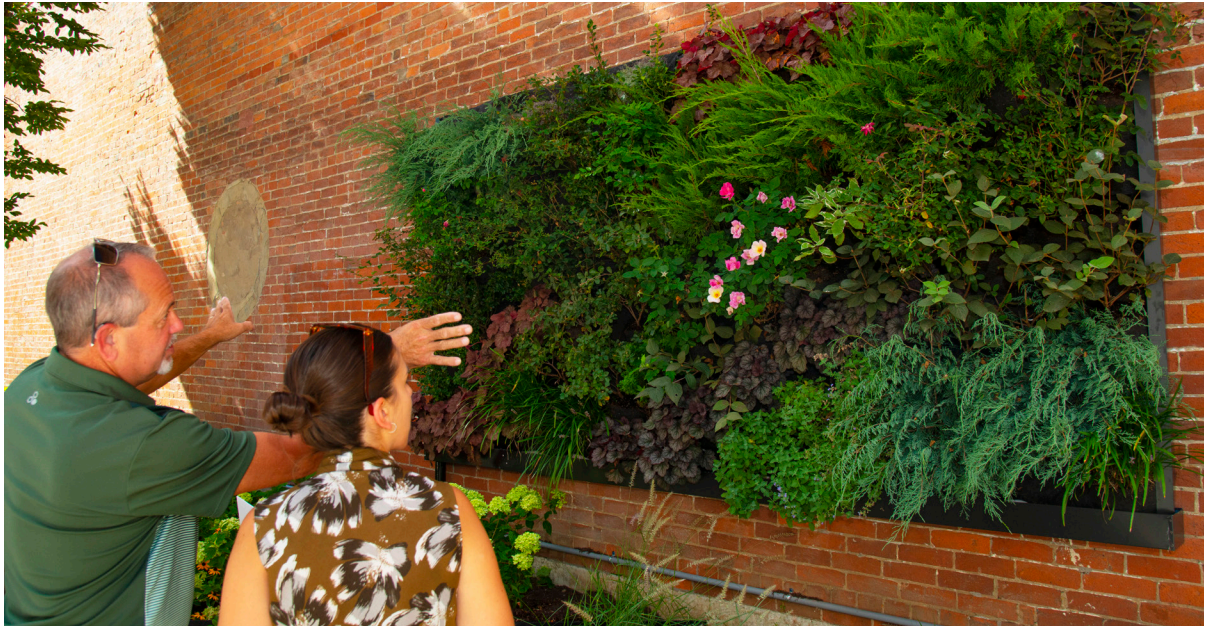
3CDC  
Lann Field, VP of Development  
513.621.4400  
lfield@3cdc.org  
2021



# IMAGINATION ALLEY

Cincinnati, Ohio

# MKSK



**BEFORE**



**AFTER**

CLIENT	3CDC
CONTACT	Lann Field, VP of Development
PHONE	513.621.4400
EMAIL	<a href="mailto:lfield@3cdc.org">lfield@3cdc.org</a>
YEAR	2021



# MORGAN SQUARE ENHANCEMENT PLAN

Spartanburg, South Carolina

# MKSK



## Transforming Downtown Spartanburg into a premier public gathering space

MKSK worked with the City of Spartanburg as the lead designer and landscape architect for the Morgan Square Enhancement Plan. The Morgan Square Enhancement Plan aims to provide an opportunity to maximize the space's potential as Downtown Spartanburg's premier public gathering space. Working with local leaders, downtown stakeholders, and area residents, MKSK conducted a series of community outreach and public engagement.

Enhancement recommendations include permanent pedestrian sections of West Main and Dunbar streets along the square. This creates festival streets that increase the functional size of Morgan Square and create a cohesive feel across the entire space. The enlarged performance lawn at the square's eastern end will have adjacent public restrooms and a staffed visitor kiosk. A new stage orientation will allow upwards of 800 audience members to enjoy performances and will continue to serve as the home of longtime City events, such as Music on Main.

Other additions include lounging terraces, a programmable water feature, bench swings, and an outdoor dining zone. The enhancements also create a 70 percent increase in Morgan Square's total green space.

The Morgan Square Enhancement Committee approved a final design that was presented to City Council on August 28, 2023.

CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

Chris Story  
City Manager  
864-596-2712  
cstory@cityofspartanburg.org  
2023



# MORGAN SQUARE ENHANCEMENT PLAN

Spartanburg, South Carolina

# MKSK



CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

Chris Story  
City Manager  
864-596-2712  
cstory@cityofspartanburg.org  
2023



# LEVITT PAVILION AMPHITHEATER & PARK

Dayton, Ohio

# MKSK



## Redesigned downtown plaza becomes a welcoming performance and community space

MKSK was the Landscape Architect on a multidisciplinary team for the design of the new Levitt Pavilion performance venue, located in former Dave Hall Plaza at the southern gateway to the downtown Dayton business district. This urban park project has transformed and repurposed this once underutilized space into a thriving community gathering green space and destination for performing arts in the region. The park and plaza integrate design elements of the existing plaza, incorporate Dayton's cultural heritage in aviation and innovation, and incorporate green infrastructure. The site provides optimum pedestrian connectivity and access from downtown through park enhanced walkways, provides an open lawn seating area to accommodate audiences of up to 3,500 people, and subtly incorporates operational and emergency vehicular accessibility. The site design includes dedicated, reservable spaces for Friends of Levitt Pavilion Dayton sponsors and portable concession booths for food and merchandise vendors during events.

Part of a larger urban neighborhood redevelopment strategy for the area known as The Nine, Levitt Pavilion is envisioned to become an activated central park and passive multi-use recreation open space for the neighborhood and downtown businesses, and an anchor for the area which is being reenvisioned to provide a mix of residential and office, dining, and entertainment options. MKSK preserved and protected the majority of the mature, healthy trees on the site and introduced additional, higher-quality four season vegetation to enframe the great lawn space and provide a buffer from the adjacent streets. Addressing existing public safety and security site concerns and the more intense public use program of the entertainment space venue were critical in all aspects of the site design. The new Levitt Pavilion opened in the summer of 2018 and offers a unique local and regional destination with a full schedule of free concerts for area residents and visitors.

### Outcome:

- 2018 Associated General Contractors of America Build Ohio Award, New Construction Under \$20M

CLIENT  
CONTACT

Friends of Levitt Pavilion Dayton  
April Mescher, Foundation Project  
Director

PHONE  
YEAR

937.760.0515  
2018



# LEVITT PAVILION AMPHITHEATER & PARK

Dayton, Ohio

# MKSK



CLIENT  
CONTACT

Friends of Levitt Pavilion Dayton  
April Mescher, Foundation Project  
Director

PHONE  
YEAR

937.760.0515  
2018

# RIVERSCAPE PH III ENTERTAINMENT PAVILION & BIKE HUB

Dayton, Ohio

# MKSK



## Entertainment and recreation venue completes a city's urban riverfront redevelopment plans

This is the third and final riverfront redevelopment component of the downtown Dayton Riverscape initiative. The site was programmed and master planned to accommodate large regional community events which have attracted 250,000+ people over periods of several days for festival celebrations. Brownfield site remediation was addressed by raising a significant portion of the parcel to the existing flood levy and bikeway elevation. This provided direct, ADA accessibility to the regional bikeway system and tremendous views of the converging river corridors.

Permanent park amenities including a 15,000 square foot Entertainment Pavilion and a 5,200 square foot Bike Hub complete with green roof. The Bike Hub is a LEED® Silver certified building and has been designed to accommodate year-round, programmed activities including services for

bicyclists (bike storage and locker rooms), park users (concessions), ice skating rink equipment storage, and event performance storage. The pavilion tensile structure provides open air views of the Great Miami River and shelter for a seasonal ice skating rink.

Overall design and development for RiverScape Phase III is sensitive to existing adjacent development initiatives and future riverfront projects to ensure that the synergy created by the Downtown Dayton Partnership continues well into the future.

### Outcomes:

- 2010 OPRA Award of Excellence
- 2011 OCASLA Honor Award
- Bike Hub facility is LEED® Silver certified and situated at the center of the largest regional bikeway system in the U.S.

CLIENT  
CONTACT  
PHONE  
EMAIL  
YEAR

Five Rivers MetroParks  
Rebecca A. Benná, Executive Director  
937.275.7275  
rbenna@metroparks.org  
2007



# RIVERSCAPE PH III ENTERTAINMENT PAVILION & BIKE HUB

Dayton, Ohio

# MKSK



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CONTACT  
PHONE  
EMAIL  
YEAR

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937.275.7275  
rbenna@metroparks.org  
2007



# RIVERSCAPE PH III ENTERTAINMENT PAVILION & BIKE HUB

Dayton, Ohio

# MKSK



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rbenna@metroparks.org  
2007



# VAN ANDEL ARENA PLAZA IMPROVEMENTS

Grand Rapids, Michigan

# MKSK



## Transforming an underutilized plaza and alleyway into a vibrant and sustainable public space

MKSK is leading a team of landscape architects and engineers to redesign and construct the main entry plaza and adjacent alley for the 12,000-seat downtown Van Andel Arena. Located in the heart of downtown Grand Rapids, Van Andel Arena serves as the major entertainment and sports venue in the region, and the surrounding district is experiencing a growth in development with new bars, nightlife, and multi-story mixed-use developments. Working closely with Downtown Grand Rapids, Inc., MKSK is crafting a vision that will not only satisfy the project goals of safety and accessibility, but also represent both the plaza and the alley as destinations within the city's growing entertainment district. Recommending both short-term and long-term improvements, the plaza and alley will transform

the district's public realm into a beautiful and sustainable landscape, designed with the flexibility and comfort to serve daily, event, and seasonal activity and programming.

### Outcome:

- 2019 KY ASLA Merit Award

**CLIENT CONTACT**  
**PHONE**  
**EMAIL**  
**YEAR**

Downtown Grand Rapids, Inc.  
Mark Miller, AIA, AICP, Managing Director  
616.719.4610  
mmiller@downtowngr.org  
2021 - Ongoing



# VAN ANDEL ARENA PLAZA IMPROVEMENTS

Grand Rapids, Michigan

# MKSK



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mmiller@downtowngr.org  
2021 - Ongoing

[mkskstudios.com](http://mkskstudios.com)



# VAN ANDEL ARENA PLAZA IMPROVEMENTS

Grand Rapids, Michigan

**MKSK**



CLIENT  
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PHONE  
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YEAR

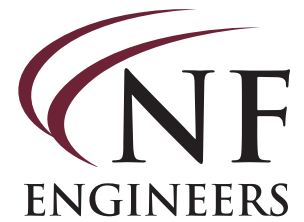
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Mark Miller, AIA, AICP, Managing Director  
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2021 - Ongoing

[mkskstudios.com](http://mkskstudios.com)



# CITY OF STERLING HEIGHTS DODGE PARK REDEVELOPMENT

CIVIL ENGINEERS · LAND SURVEYORS · LAND PLANNERS



**Project Type**  
Parks

**Project Location**  
Sterling Heights, Michigan

**Owner**  
Dorchen/Martin Associates  
29895 Greenfield Road  
Southfield, MI 48026

**Contact**  
Sam Dorchen, AIA, NCARB  
Principal  
248-557-1062

**Services Performed**  
Surveying  
Engineering Design  
Construction Administration

**Estimated Construction Cost**  
\$8,500,000

**Service Budget**  
\$240,000

**Year Completed**  
2018

**NFE Project No.**  
J555

Dodge Park reopened on June 28, 2018 following months of being closed for renovations that completely rehailed the 51.2-acre park in the City of Sterling Heights. The improvements were due to the Recreating Recreation mileage passed in 2016 by the residents to fund \$45 million in amenities at Dodge Park and other city/neighbor parks.

The project consisted of redeveloping the park with new and repaved parking areas; new park access drive at the west end of the park; new and resurfaced pathways; new amphitheater; new Farmers Market pavilion including public restrooms and a seasonal ice rink with a refrigerated slab; new splash park, ticket booth and seating areas; new mini-soccer field; four new sand volleyball courts; new horse shoe pit; and renovations to the existing restroom building. Demolition work included the old Parks and Recreation building and bandshell, and four old pavilions.

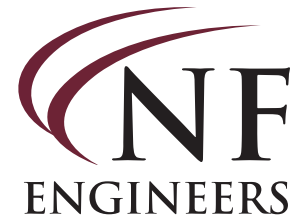
NFE provided preliminary site plans, engineering plans and construction documents for demolition, grading and paving, utility, storm sewer, sanitary sewer, and soil erosion and sedimentation control. Prior we surveyed the land and prepared topographic/boundary and tree surveys. We also provided construction staking, construction administration and inspection services during construction.





# VILLAGE OF LAKE ORION MEEK'S PARK PEDESTRIAN BRIDGE REPLACEMENT

CIVIL ENGINEERS · LAND SURVEYORS · LAND PLANNERS



## Project Type

Pedestrian Bridge

## Project Location

Village of Lake Orion, Michigan

## Owner

Village of Lake Orion  
21 East Church Street  
Lake Orion, MI 48362-3212

## Contact

Darwin McClary  
Village Manager  
248-693-8391

## Services Performed

Surveying  
Preliminary Engineering  
Construction Administration  
Contract Administration  
Wage Rate Interviews  
Pay Application Review

## Estimated Construction Cost

\$110,000

## Service Budget

\$24,000

## Year Completed

2023

## NFE Project No.

M609

The Village of Lake Orion qualified for \$70,000 in CDBG Funds from the County to supplement Village DDA Funds for the replacement of the Meek's Park Pedestrian Bridge. Under a future phase of the project, the Village will restore streambanks and replace the Children's Park pedestrian bridge over the Paint Creek. The new Meek's Park bridge project is located in a moderate-income area with senior citizen presence and addresses the accessibility requirements of the ADA (Americans with Disabilities Act). The new bridge also provides a critical pathway linkage from South Washington Street to South Broadway along Paint Creek.

NFE's scope of services on this project included preliminary and final engineering design of the bridge replacement, assisting the Village in obtaining a revised permit for construction from EGLE, preparation of construction documents, assistance in obtaining and evaluation bids, assistance in the preparation of a construction contract, and construction phase services including wage rate and pay application reviews.





# Riverside Bathhouse + Concessions

Detroit, MI

The new concessions building at Riverside Park provides public amenities and facilities to complement the park program as well as facilitate park operations. The new building is functionally and aesthetically integrated into the site design. Centrally located between major parking areas, the West Grand Boulevard entry drive, and the Riverwalk, the building will serve as a connector and a hub for park activity.

Working closely with the GSD, InToto's design is open and inviting to the public; sliding steel doors and perforated corten steel panels create a facility which amplifies park activity and selectively allows for light, views, and natural ventilation. At the same time, the material strategy ensures that the building is durable enough to withstand heavy use with minimal maintenance, and easily secured when not in use. Contrasting materials on the interior passthroughs create an unexpected gem-like quality and the opportunity to showcase local artists. At night, illuminated from the inside, the perforated cladding allows the facility to function as a beacon even when not in use.

## INTOTOSTUDIO

### Services

- Programming
- Architecture
- Interior Design
- Construction Administration

### Client

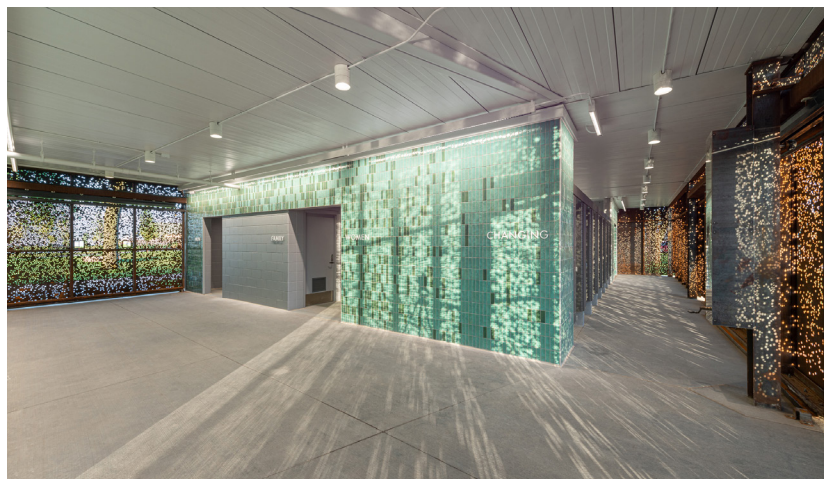
Detroit General Services Department

### Team Members

- James Singleton | Principal-in-Charge
- Ben Ellefson | Principal Architect
- Christoph Ibele | Project Architect

### Awards

- AIA Detroit - Building Award 2023
- AIA Michigan - Community Impact Award 2023
- Architecture Masterprize - Small Architecture Award 2023





# INTOTO STUDIO

## Farwell Recreation Center Gymnasium Addition

Detroit, MI

### Services

- Programming
- Architecture
- Interior Design
- Construction Administration

### Client

Detroit Parks & Recreation Department

### Team Members

- James Singleton | Principal-in-Charge
- Ben Ellefson | Principal Architect
- Kaitlynn Hill | Project Architect

Expansion of the existing Farwell Recreation Center by constructing a new gymnasium will provide new activities and sport programs for residents. The original recreation center building was built in 2005 and the original plan was to include a gymnasium, but it was omitted due to budget. For many years, the community has provided consistent feedback requesting a gymnasium. Farwell is in District 3, Northeast Detroit, which has higher than average youth population density. The existing center is mostly used by seniors due to a lack of facilities to provide sports activities and youth centered programming. The new gymnasium will accommodate multi-sports activities such as basketball, pickleball, and volleyball. The goal is to create an inviting recreation center to encourage the community to use the center for sports, educational and art programs, as well as providing a space for community gathering.





## INTOTO STUDIO

### Healthy Communities Early Learning Center Detroit, MI

#### Services

- Master Planning
- Architecture
- Site Design
- Interior Design

#### Client

IFF & Development Centers

#### Team Members

- James Singleton | Principal in Charge
- Christoph Ibele | Principal Architect
- Kaitlynn Hill | Project Architect

IFF with assistance from Trinity Health is constructing a new Early Childhood Education facility with Development Centers to operate the facility as the provider. The new center, located on a 3.41-acre parcel at the Southeast corner of Joy Road and the Southfield Freeway near the Cody Rouge / Warrendale neighborhoods, will house 9 classrooms along with additional community programming elements serving 100 – 140 children. Site design elements will include play areas for the ECE, community use space, and pedestrian connections that integrate a bike path as part of the city of Detroit's Strategic Neighborhood Fund planning strategy, as well as the ECE's site relationship with Covenant Community Care's adjacent Federally Qualified Health Center. The design organizes 3 classroom bars around a central courtyard offering all room with ample daylight and views along with direct access to play areas.





# INTOTO STUDIO

## NEW Center Renovation

Ann Arbor, MI

### Services

- Architecture
- Site Design
- Interior Design

### Client

NEW: Nonprofit Enterprise at Work

### Team Members

- James Singleton | Principal-in-Charge
- Ben Ellefson | Principal Architect
- Kaitlynn Hill | Project Architect

Nonprofit Enterprise at Work (NEW) is in the process of transforming their facility located along North Main Street in Ann Arbor on the Huron River. In renovating the building and significantly improving the site, NEW will have a facility that aligns with their core values of investment in community and promoting collaboration and innovation. The 12,000 square foot facility offers co-working space and shared facilities that support small nonprofit organizational development, information technology, financial consulting, and bookkeeping. The design will offer a diversity of spaces with improved daylighting and views to the river along with exterior spaces for gathering and smaller pockets for outdoor work taking advantage of the river location.





## INTOTO STUDIO

### Services

- Conceptual Design
- Architecture
- Interior Design
- Construction Administration

### Client

Vera & Joseph Dresner Foundation

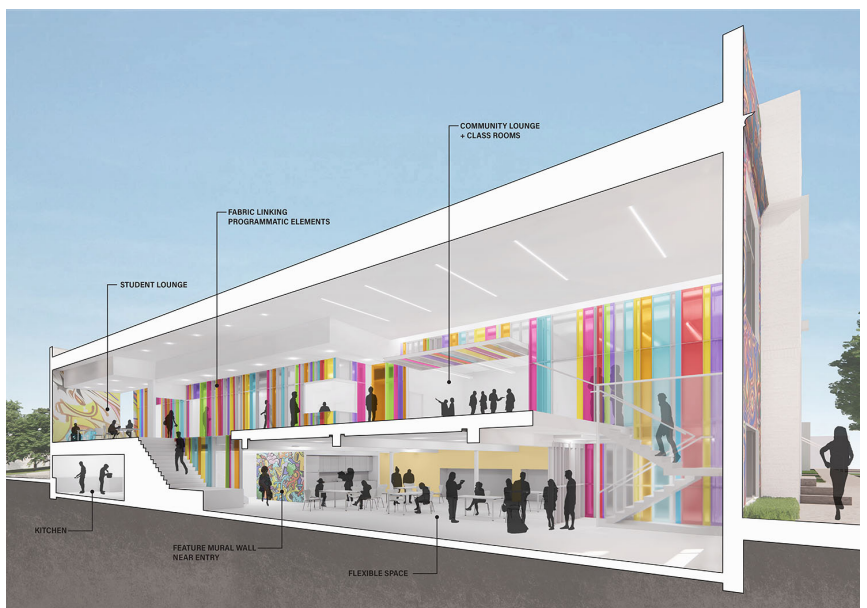
### Team Members

- James Singleton | Principal-in-Charge
- Ben Ellefson | Principal Architect
- Kaitlynn Hill | Project Architect

## Gilbert Community Center

Detroit, MI

The Vera & Joseph Dresner Foundation acquired the Saints Peter and Paul Community Center building in 2020, and has since committed to transforming the space to better serve the programmatic needs of the neighborhood which surrounds it. Building off the Detroit Collaborate Design Center's (DCDC) conceptual plan and feedback from key community groups and stakeholders, InToto has proposed a renovated facility that is vibrant, inviting, flexible, and most importantly, practical. The needs of the community are ever-changing, and it was important to design a space that could grow or shrink as needs change. Equally as important is capturing the spirit and heritage of the surrounding community within the building. Inspired by textiles, the space is largely defined by a striated feature wall, which represents the connectivity and uniqueness of the community, like a woven fabric. The feature wall is made up of panels of colored polycarbonate and dry-wall. The play with color, transparency, and light were the key design drivers of the project.







**Royal Oak Centennial Common (Royal Oak, MI)**

Matt Exley, Superintendent of Facilities at City of Royal Oak  
248-246-3333

**Sachse Office Headquarters (Detroit, MI)**

Lou Goldhaber, Chief of Staff at Sachse  
313-481-8222 / [lgoldhaber@sachse.net](mailto:lgoldhaber@sachse.net)

**Ruth Ellis Clairmount Center (Detroit, MI)**

**121 East Catherine (Ann Arbor, MI)**

**Mariners Inn (Detroit, MI)**

Ashley Wendela, Associate at LBBA  
312-988-9100



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REGIONAL BIKEWAY SYSTEM IN THE US



RIVERSCAPE PH III ENTERTAINMENT PAVILION & BIKE HUB, DAYTON, OH\_MKSK



# APPROACH & SCOPE OF WORK



## WE ARE PASSIONATE ABOUT THE PUBLIC REALM.

Our team of visionary designers, public realm experts, and site specialists is ready to design, restore, and unveil this priority public space and entry plaza for the residents and visitors of Birmingham.

We thrive on envisioning and delivering fantastic public spaces for our clients and communities, and we have deliberately assembled our team to conceive, deliver, and execute the community driven-design for Booth Park—a concept that will reinvigorate a central park space and trail connection in the heart of Birmingham.

## THE OPPORTUNITY

### Human-Scaled Design

We understand that the human scale experience is essential to the success of any space, especially a public park in the heart of a downtown business district. The combination of materials, placement and design of seating and the addition of proven lighting strategies combine to provide both beautiful and safe spaces designed to enhance individual daily interaction and community connectivity. We typically approach this scale through the lens of sustainability, durability, familiarity, and local context. How do we incorporate and detail practical materials in an innovative and unique way contributing to the overall aesthetic? What if connective paths or plaza spaces were linked through a series of gateway, placemaking and storytelling elements? How is the local biodiversity and sustainability of place shared with local visitors through a unique ecological footprint and storytelling strategies?



### Conceptual Design Alternatives

We firmly believe that an iterative and transparent design process fosters a vision and plan that directly responds to context, culture, and community desires. Our team of multidisciplinary consultants excels in developing innovative design ideas, exploring creative approaches to composition, function, and the harmony between art and science. We routinely generate multiple design alternatives for input and feedback. Each alternative explores various relationships between the site and adjacent land uses, circulation, existing park amenities, quiet spaces, play areas, and sustainable landscapes. We consider how these spaces embrace people of all ages and promote unity throughout the community. We contemplate the variety of seating options for rest, observation, and contemplation. Moreover, we explore how the design and storytelling of outdoor spaces can reflect the identity of a community. To thoroughly explore each concept alternative, we utilize a combination of hand sketches and digital modeling, enabling us to effectively communicate design ideas with clients, stakeholders, and the public.



### Sustainability in Design

In every park and naturalized space we design, ecological uplift, stormwater management, and low-impact design strategies are integral to our process and woven into our designs. We view park design as a means to gently interact with the land, fostering appreciation while conserving our most valuable natural assets. We advocate for the use of sustainable and durable materials and construction practices to ensure the longevity of our designs. Furthermore, we integrate native plant communities, mosaic planting strategies, and pollinator species to enhance biodiversity and restore degraded ecological systems. Our planting strategies and land forming methodologies not only prioritize the health of species but also aim to combat the migration of invasive species and provide critical flood risk mitigation. Resilience and sustainability form the cornerstone of our design ethos.



# APPROACH & SCOPE OF WORK



## TASK 1: PROJECT KICK-OFF & EXISTING CONDITIONS ANALYSIS

### Topographic Survey & Base Map (4 weeks)

The initial task for this project will involve conducting the project kick-off meeting and site visit, analyzing existing conditions, reviewing conceptual designs, conducting a topographic survey, and compiling interim base mapping while completing the field survey.

Following direction and confirmation from the City team, NFE will perform a survey area for the topographic survey. While previous survey base information can be utilized for developing the design in the initial stages of the project, a new survey is expected to be prepared as a background for the final construction documents. The scope of work for this survey is expected to cover only the areas of new work within the park, to the extent necessary to tie into the existing grade at the project boundary. The survey will document individual trees with sizes encountered in the open areas and within 10 feet of the existing walking path. For woodland areas, our team will locate the tree canopy boundary only. The survey will also include the location of the floodplain, floodway, banks, shelves, OHWM and water's edge of the stream through the park, as well as other limits we believe will be required for floodplain permitting.

Survey documentation includes:

- Obtain topography at a maximum 50-foot grid in open spaces, and at in-between grade breaks.
- Survey to reflect existing conditions, pavements, curbs, walks and other man-made improvements within the survey area.
- Obtain utilities, including rim elevations of manholes/catch basins, with measured pipe inverts of sewers.
- Reflect parcel boundary per owner/tax records.
- Reflect utilities observed during field work, and per utility records obtained per available records.
- Locate individual existing trees with sizes in the open and within 10 feet of the existing walk path. Locate tree lines of woodland areas.
- Provide location of floodplain & floodway, and obtain/reflect Rouge River cross-sections in at least four (4) locations, including top of bank, water's edge with elevations, ordinary high-water marks (scouring), and bank full shelf elevations as encountered.
- Prepare survey in AutoCAD at an appropriate scale.

#### Information needed from City

Access to site, existing digital files of property (CAD) and surroundings (GIS); existing site survey information; proposed conceptual park plan in digital format if available, access to City staff; assistance with meeting logistics.

#### Task 1 Meetings:

(1) Site Visit/Kick-off Meeting, in-person

#### Task 1 Deliverables:

- Confirmed project schedule and meeting dates
- Topographic Survey, digital and PDF formats





# APPROACH & SCOPE OF WORK



## TASK 2: PROJECT MANAGEMENT & MEETINGS

### Project Coordination & Engagement (Ongoing throughout Project Schedule)

#### Project Management

The MKSK Team assumes we will have regular City Project Manager/Team meetings on a bi-weekly basis, conducted virtually, in order to ensure timely and efficient decision making/delivery of the project design. Additionally, the MKSK team will attend and provide presentation material for 6-8 City Board or Commission Meetings. Additional meetings, including public meetings and/or public design workshops, are assumed to be additional meetings and will be authorized by the City on an as needed basis.

#### Task 2 Meetings

Bi-monthly project meetings with City Project Manager/Team,  
Virtual meetings assumed

#### Task 2 Deliverables:

- Meeting minutes/summaries
- Board/Commission Meeting presentation material, report-outs/summaries
- As authorized, Public Meeting presentation material & summaries

## TASK 3: PERMITTING

### City/EGLE Permitting & Hydrologic & Hydraulic Study (4-6 months)

#### City Permitting

NFE anticipates that at a minimum, a Soil Erosion permit will need to be submitted to the City of Birmingham, along with any other necessary permitting for water, sanitary and storm services permitting.

#### EGLE Permitting

Based on the concept, it is anticipated that a floodplain permit will be required for any work within the 100-year floodplain. NFE can assist with submitting this permit. The key is to keep any structures, such as the restroom, outside of these limits, and to ensure zero-net fill for the patio work in a floodplain. This aspect of the project anticipates work outside of the regulated floodway (see alternate below). Our team has experienced that EGLE permits can take up to four months from the date of submission, and we will be mindful of this schedule impact in the earliest stages of design. NFE recommends first applying for a Pre-Application meeting to meet on site with EGLE & City staff to go over the project as one of the first tasks upon award of the project, to determine project requirements with EGLE. The scheduled date of the pre-application meeting can vary (there is no set deadline) between 3 to 6 weeks after filing, depending on EGLE staff workload. Said pre-application meeting can help identify project requirements/non-requirements, including if an H&H study is required, and usually will help for a smoother permitting process. Also, NFE will prepare necessary cross-sections for flood-plain impacts, fills, and any necessary compensating cuts as a result.



# APPROACH & SCOPE OF WORK



## Hydrologic & Hydraulic Study (Alternate)

NFE will provide services to elevate the EGLE permit to the corresponding project category and to include an H&H study for work that may be within the floodway. As currently proposed, the plan appears to include a rain garden/ bioswale encroaching into the floodway, as well as permeable paving and seating along the park edge in the concept plan. This work would trigger an H&H process.

As part of the initial kick-off efforts for this project, the design team will evaluate whether an alternative design can achieve the desired outcomes of the concept plan while limiting the total work to occur within the floodway boundary. Our team's experience indicates that H&H studies can take up to six months or more to initiate and achieve approval after initial submittal of the study is made as part of the permit application process.

If required, NFE will perform analysis of impacts to flood plain and flood way per Michigan EGLE Hydraulic Report Guidelines. An initial analysis to be performed to determine warrants to complete a study, if required/requested by EGLE as a result of the Pre-Application Meeting. If warranted, complete a full study utilizing HEC-RAS software modeling as required by EGLE, including the following: 1) duplicating existing/current model; 2) corrected new-existing model; 3) existing model with survey data; 4) proposed model using survey data; 5) reports, meeting and revisions as required. Anticipated study area: Downstream of N. Old Woodward Bridge through Booth Park parcel.

*ALTERNATE ITEM:* NFE anticipates that all work is proposed in uplands areas of Booth Park and will not impact any fringe wetland areas. Subject to the outcome of the recommended Pre-Application Meeting with EGLE, and if determined by EGLE that a wetland report is required, NFE will engage a wetland consultant to perform a wetland determination, and/or delineation, with report.

Our proposal excludes the application process to obtain clearances from the State Historic Preservation Office (SHPO) and environmental items applicable to the National Environmental Policy Act (NEPA). In addition, our proposal excludes environmental studies, bat studies, T&E studies, etc. Our proposal excludes formatting our documents to meet MDOT's LAP process (no federal funding).

### Task 3 Meetings:

(2) Additional meeting costs are included on a per-meeting basis as part of the cost proposal

### Task 3 Deliverables:

- Draft EGLE permit application for City staff review





# APPROACH & SCOPE OF WORK



## TASK 4: CONSTRUCTION DOCUMENTS

### 50%/90%/Bid Documentation Delivery (3-4 Months)

#### 50% Construction Documents

During the 50% Construction Document phase, our team will further refine the concept design, work with City team and staff to align the design development with project goals, operations and maintenance, develop a preliminary cost opinion, and create a 50% Construction Document Delivery Package.

The 50% Construction Document Package will include site plans and construction details that fix and describe the size and character of the Project. The MKSK Team will provide graphic exhibits at the Design Development Phase for the purposes of conveying the design intent to the Owner. Graphic exhibits may include some combination of illustrated plans, perspective sketches, or digital models. The 50% Construction Document package would be utilized for determining any necessary permit applications. Our team will take the lead in obtaining and coordinating the information required by the various agencies and entities from which permits and/or approvals are needed for the Project, including all Environmental, Site, and Utility Applications.

This phase will include 50% Documentation for the pre-fabricated restroom and associated needs for foundations and utility connections. If authorized, the design team will develop and alternate design to the pre-fab restroom design and review with the City team for final acceptance/approval to move into the 90% Design. This phase would include appropriate City review timeframes of up to 2 weeks for this submission stage.

#### 50% Construction Documents Deliverables:

50% Construction Document submission including:

- Site Demolition/Clearing Limits Plan
- Earthwork/Grading Plan
- Rain garden/Detention/Drainage & Utility Plan
- Soil Erosion Plan
- Landscape Materials & Furnishings
- Planting Plan
- Landscape standard details
- Architectural Plans for RR (Floor Plan/Roof Plan/Reflected Ceiling Plan/Exterior & Interior Elevations/Building Sections & Details)
- MEP plans, detail and schedules
- Structural plans, standard details and schedules
- Electrical/Lighting plans, standard details and schedules
- Design/Specifications for EV charging stations
- Outline/Standard Specifications
- Details & Graphic Exhibits as needed to convey project design

#### 90% Construction Documents

During the 90% Construction Document phase, our team would produce Contract Documents which will describe and specify all elements, details, components, materials, and other information necessary for complete construction of the project and the rendering of the Project and all of its components fully operationally and functionally usable for its intended purpose. This phase would include appropriate City review timeframes of up to 2 weeks for this submission stage.

#### 90% Construction Documents Deliverables:

90% Construction Document Submission including:

- Site Demolition/Clearing Limits Plan
- Earthwork/Grading Plan
- Rain garden/Detention/Drainage & Utility Plan
- Soil Erosion Plan
- Landscape Materials & Furnishings
- Landscape Layout Plan
- Planting Plan
- Landscape details
- Architectural Plans for RR (Floor Plan/Roof Plan/Reflected Ceiling Plan/Exterior & Interior Elevations/Building Sections & Details)
- MEP plans, detail and schedules
- Structural plans, details and schedules
- Electrical/Lighting plans, details and schedules
- Design/Specifications for EV charging stations
- Technical Specifications/Project Manual

# APPROACH & SCOPE OF WORK



## **100% Construction Documents**

Following final City review and receipt of comments/approvals from all reviewing agencies, the MKSK team will compile a final 100% Construction Document package responsive to all collective parties.

## **100% Construction Documents Deliverables:**

100% Construction Document Submission (inclusive of full 90% submission list)

## **TASK 5: BIDDING & CONSTRUCTION**

### **Bidding and Award (4-8 weeks)**

Our team will produce a full master set of reproducible final (100%) Construction Documents for use in compilation of the bid package.

### **Bidding Activities:**

The MKSK Team would assist the City in Bidding activities, including:

- Preparation of bidding documents and forms
- Review of the 'front-end' or General Contract Condition documents
- Attendance and participation in Pre-Bid Meeting
- Assist in providing answers to bidder's questions during the bidding period.
- Assist in the preparation of any Addenda.
- Assist in obtaining, tabulating, and analyzing bids.

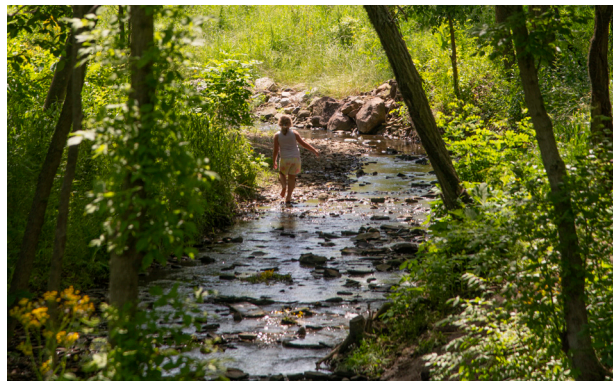
### **Construction Administration (6-8 Months)**

The MKSK Team would perform Construction Administration which will include the following:

- Attend in-person Pre-Construction Meeting
- Review and approval of all shop drawings and submittals, including coordination of all sub-consultant reviews and approvals.
- Respond to Contractor requests for information.

It is assumed the City is providing on-site inspection staff for the CA phase. The following activities can be authorized at an hourly rate + travel expenses for the duration of the Construction Administration phases, if requested:

- Field Observation and Inspection services
- Construction staking for layout
- Coordinate and manage Field Observation services for Sub-consultants for all disciplines
- Perform site visits and review the contractors punch lists for Substantial Completion and Final Acceptance
- Provide close-out and As-Built/Record Documents for the Project
- Participate in warranty/guarantee inspections at the conclusion of the warranty/guarantee period











RIVERSIDE CROSSING PARK, DUBLIN, OH\_MKSK



# REQUIRED STATEMENTS



**Provide an acknowledgment that the Consultant will be available according to the proposed timeline.**

Leadership and staff identified within this proposal by MKSK and our consultant partners have the required licensure, experience, expertise, and availability to meet every aspect of the scope of services as described within the specified time frame.

The MKSK team has all the necessary facilities and virtual network to successfully deliver the project. All of our offices run the latest Windows Office 365 Operating Systems which allow for the movement of projects and data between offices as workloads and schedules demand. Our network accommodates large file transfers as well as well as Cloud-based collaboration tools and FTP capabilities if needed on a project-by project basis. We employ a staff of IT Technicians to facilitate our software and hardware are the most current or compatible with recent versions for expedited technical response.

MKSK has an outstanding track record of successful project management and on-time project delivery. The establishment of a reasonable project schedule integrating adequate internal Design Team review/comment periods and external Client/Stakeholder review/comment periods is critical to timely project delivery. Clear leadership assignments, effective project/team management, quality assurance/quality control and appropriate allocations of experienced production staff are equally important to a successful design and design process.

Through our team's experience, expertise, leadership, and staff availability, The City of Birmingham can be assured that our team will not experience difficulty in meeting even the most stringent schedule. Our capacity to perform this work is summarized as follows:

- Key members of our project team are available to begin working on this project without delay.
- We have built the needed depth into our project team to meet the requirements of this project.
- We have a proven record of meeting clients' design schedules and budgets.

**Transportation for Meetings & Site Visits**

MKSK understands that we will be responsible for transportation to and from the City, as well as within the City for field work, at no cost to the City.

**ATTACHMENT B - BIDDER'S AGREEMENT**

**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

---

In submitting this proposal, as herein described, the Consultant agrees that:

1. They have carefully examined the specifications, terms and Agreement of the Request for Proposal and all other provisions of this document and understand the meaning, intent, and requirement of it.
2. They will enter into a written contract and furnish the item or items in the time specified in conformance with the specifications and conditions contained therein for the price quoted by the proponent on this proposal.

Cullen Meves	2/15/2024
<b>PREPARED BY (Print Name)</b>	<b>DATE</b>
Principal	2/15/2024
<b>TITLE</b>	<b>DATE</b>
	cmeves@mkskstudios.com
<b>AUTHORIZED SIGNATURE</b>	<b>E-MAIL ADDRESS</b>
MKSK, Inc.	
<b>COMPANY</b>	
4219 Woodward Avenue, Detroit, Michigan 48201	313.652.1101
<b>ADDRESS</b>	<b>PHONE</b>
<b>NAME OF PARENT COMPANY</b>	<b>PHONE</b>
<b>ADDRESS</b>	



**ATTACHMENT C - COST PROPOSAL**

**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

**In order for the bid to be considered valid, this form must be completed in its entirety.** The cost for the Scope of Work as stated in the Request for Proposal documents shall be a lump sum, as follows:

***Attach technical specifications for all proposed materials as outlined in the Consultant’s Responsibilities section of the RFP (p. 6)***

<b>FEE PROPOSAL</b>	
<b>ITEM</b>	<b>BID AMOUNT</b>
Topographical Survey	\$ 7,300
Construction Plans	\$ 125,400
Specifications	\$ 10,000
Permits (other than City)	\$ 4,700
Meetings (6-8)	\$ 18,700
Construction Administration	\$ 10,000
Miscellaneous: Any other items not listed above. Detail below or attach:	\$ 3,000
<b>Total Base Bid Amount</b>	<b>\$ 179,100</b>
<b>ALTERNATE ITEM (If Necessary)</b>	<b>BID AMOUNT</b>
Hydrologic & Hydraulic (H & H) Study	\$ 14,000
Additional per Meeting Fee	\$ 2,500
<i>See Attached Fee Proposal on Following Page for Full List of Alternate Items</i>	<i>\$ 128,000</i>
<b>TOTAL BID AMOUNT</b>	<b>\$ 323,600</b>

# ATTACHMENT C: COST PROPOSAL



## Fee Proposal: Full Breakdown with Alternative Items

FEE PROPOSAL	
ITEM	BID AMOUNT
Topographic Survey	\$7,300.00
Construction Plans	\$125,400.00
Specifications	\$10,000.00
Permits (other than City)	\$4,700.00
Meetings (6-8)	\$18,700.00
Construction Administration	\$10,000.00
Miscellaneous Expenses	\$3,000.00
<b>Total Base Bid Amount</b>	<b>\$179,100.00</b>
Alternate Items	BID AMOUNT
Hydrologic & Hydraulic (H&H) Study	\$14,000.00
Wetland Report	\$53,000.00
Additional per Meeting Fee (in-person)	\$2,500.00
Additional Public Presentation Fee	\$5,000.00
Public Workshop Fee (per event)	\$10,000.00
Custom Restroom Facility	\$38,000.00
Construction Observation/Field Visits	Hourly + Travel Expenses



# HOURLY RATES

# MKSK



## Standard hourly rates / additional services

If the Scope of Work or if the Consultant's service is substantially revised, the amount of total compensation shall be equitably adjusted. Fees for requested additional services shall be computed at our standard hourly rates listed here or outlined under a separate proposal. Rates may be adjusted annually.

Principal	\$ 275
Associate Principal	\$ 225
Senior Associate	\$ 200
Associate	\$ 185
Landscape Architect III	\$ 160
Landscape Architect II	\$ 145
Landscape Architect I	\$ 125
Urban Planner III	\$ 160
Urban Planner II	\$ 145
Urban Planner I	\$ 125
Intern	\$ 85
Administration	\$ 85

**ATTACHMENT D - IRAN SANCTIONS ACT VENDOR CERTIFICATION FORM**  
**Professional Design Services for Booth Park Entry Plaza & Trail Improvements**

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Pursuant to Michigan Law and the Iran Economic Sanction Act, 2012 PA 517 ("Act"), prior to the City accepting any bid or proposal, or entering into any contract for goods or services with any prospective Vendor, the Vendor must certify that it is not an "Iran Linked Business", as defined by the Act.

By completing this form, the Vendor certifies that it is not an "Iran Linked Business", as defined by the Act and is in full compliance with all provisions of the Act and is legally eligible to submit a bid for consideration by the City.

Cullen Meves

---

**PREPARED BY**  
**(Print Name)**

Principal

---

**TITLE**



**AUTHORIZED SIGNATURE**

---

MKSK, Inc.

---

**COMPANY**

4219 Woodward Avenue, Detroit, Michigan 48201

---

**ADDRESS**

---

**NAME OF PARENT COMPANY**

---

**ADDRESS**

---

83-2731940

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**TAXPAYER I.D.#**







## MEMORANDUM

Department of Public Services

**DATE:** 03/05/2024

**TO:** Parks and Recreation Board

**FROM:** Scott Zielinski, PE, Director of the DPS

**SUBJECT:** Ad Hoc Senior/Recreation Center Committee Representation

---

### INTRODUCTION:

The City acquired the YMCA facility on Lincoln Rd last summer, in fall of 2023, the residents of Birmingham voted to use the facility for the purpose of providing Next a future location for the services they provide for seniors in addition to creating a community center that will provide multi-generational services. The City is moving forward with the planning for the use of the facility previously owned by the YMCA.

### BACKGROUND:

The Commission has tasked City staff with reaching out to City boards and organizations who will have vested interests associated with the future use of the building. The Commission would like the Parks and Recreation board to select one member of the board to serve on the Ad Hoc Senior/Recreation Center Committee for a term of three years. The Parks and Recreation member will serve along the side of members representing the City Commission, the Planning Board, Birmingham NEXT, the Birmingham YMCA, an architect, a contractor, an Engineer and a non-voting student representative.

**Duties:** The function of the Ad Hoc Senior/Recreation Center Committee (SCC) is to provide oversight and input on the planning and development of a senior/recreation center at 400 E. Lincoln, and to provide recommendations throughout the process to the City Commission. The duties of the SCC include, but are not limited to:

- Crafting the project vision, goals and objectives
- Preparing the project process outline and estimated timeline
- Reviewing final needs analysis report
- Evaluating concept plan options and recommending the preferred option
- Outlining the parameters and applicable regulations for site plan and design review
- Conducting final site plan and design review
- Reviewing potential funding options
- Recommending the use of consultants for design and/or build services



- Drafting RFPs for final design, construction plan preparation and/or construction
- Provide Parks and Recreation Board with updates associated with the project

**LEGAL REVIEW:**

The City Attorney provided guidance to the Commission for appointing representatives to the Ad Hoc committee.

**SUGGESTED COMMISSION ACTION:**

Make a motion adopting a resolution to naming \_\_\_\_\_ as the Parks and Recreation Board representative to the Ad Hoc Senior/Recreation Center Committee, If unable to attend a meeting, \_\_\_\_\_ may name another member of the Parks and Recreation Board to serve in their place for individual meetings.

# Oakland County Parks highlights new projects and program expansions

By: Brendan Losinski (/reporterbio/Brendan-Losinski) | C&G Newspapers | Published February 12, 2024

OAKLAND COUNTY — Oakland County Parks is announcing several projects made possible through its \$20 million Healthy Communities Park and Outdoor Recreation Investment Plan.

In 2022, OCP approved the plan, providing funding for Oakland County Parks to invest in local communities by creating sustainable parks and public spaces.

The Oakland County Board of Commissioners and County Executive Dave Coulter approved \$15 million for OCP from pandemic relief funds the county received as part of the American Rescue Plan Act. Combined with a \$5.2 million match from OCP, this provided the parks system with substantial funds to revitalize and enhance parks located in or servicing residents of communities most impacted by the pandemic.

During 2023, OCP developed agreements with local entities identified in the plan, conducted public engagement sessions to gather feedback from residents and introduced design and engineering plans. In some cases where needs were already clearly identified, improvements began immediately.

These projects, programs and other developments are highlighted in OCP's 2023 Annual Report: Shaping Equitable Recreation with Community Partners, which can be viewed online at [OaklandCountyParks.com](http://OaklandCountyParks.com).

One highlight from 2023 is Pontiac Oaks County Park, formerly Hawthorne Park in Pontiac, where a new fishing dock was constructed and new programming launched.



(<https://www.candgnews.com/admin/articles/temp-image/b09d83467583af7561533ed908c7a323.jpeg>)

Advertisement

An advertisement for Hinderliter Hearing Services. It features a photograph of three smiling people (two men and one woman) in front of green foliage. Below the photo is a blue banner with white text: 'FREE HEARING AID DEMO & FREE ACCESSORY WITH PREMIUM HEARING AID PURCHASE'. Underneath the banner is the text 'Birmingham • 248-955-1351'. The Hinderliter logo, a stylized sunburst, is to the left of the name 'Hinderliter HEARING SERVICES'. At the bottom is a green banner with white text: 'VISIT US TODAY >'.

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Other community investments in 2023 included the approval of \$658,166 in grant funds to 11 communities as part of the Community Grant Program. These monies assist local municipalities with planning, preliminary engineering, design and construction costs for park improvements and trail projects. It also included an expansion of the Free Entry Day program providing increased access to health and wellness activities in the parks.

This allowed OCP to partner with Huron-Clinton Metroparks to offer free swim lessons at Waterford Oaks Wave Pool and to remove financial barriers to swim instruction in order to increase safe water recreation.

Lastly, OCP said the funds allowed them to expand participation in Welcoming Week with two events that highlighted immigrant inclusion in the community and provided free recreation opportunities through the Recreation Assistance Partnership Program, which serves 117,983 participants.



(<https://www.candgnews.com/fishfry2024>)



(<https://www.candgnews.com/calendar>)

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## **MEMORANDUM**

Department of Public Services

**DATE:** February 22, 2024

**TO:** Parks and Recreation Board

**FROM:** Brad McNab, Parks & Recreation Assistant Foreman  
Carrie Laird, Parks & Recreation Manager

**SUBJECT:** Park & Project Updates

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### **Introduction**

The Parks Department regularly updates the Parks and Recreation Board on activities involving projects within the parks.

### **Barnum Park Update**

- The City will not be conducting a prescribed burn at Barnum Park this year. Prescribed burns are not required each year. In this years case the native no-mow zones were cut back in the fall of 2023. Due to the vegetation being cut back recently it is unnecessary to conduct a prescribed burn this year.
- Each year the City installs an outdoor ice-rink. The ice-rink was installed and filled on January 12, 2024. It was officially open to skating for 15 days from January 18, 2024 to February 2, 2024. With the current weather forecasted it is unlikely to open again this season. Our costs for this project as of now is \$4,009.53, we are anticipating approximately \$500 to remove the rink at the end of the season.

### **Opening of Tennis/Pickleball Courts**

- Due to the unseasonably warm February and start to March on March 1, 2024 the City installed the nets at the Kenning Park tennis courts for residents to begin taking advantage of the warmer weather. All other nets, including the pickleball nets at Crestview, will be installed between March 14, 2024 and March 15, 2024. Reservations for all courts will be



available starting March 18, 2024. As a reminder to the general public, that Pickleball should only be played during designated hours when the gates are unlocked.

### **Trail Update**

- The City has started wood chipping City trails, during this time the City also cuts back brush and any fallen trees or limbs.

### **Park/ Playground Equipment**

- As you may be aware the City regularly reviews the condition of playground equipment. Over the course of the next few years the City will be looking to upgrade and replace several playground features.
- The City has identified equipment at Crestview park that had to be taken out of service (the equipment is currently taped off). The City plans to remove the equipment the week of March 8<sup>th</sup>.



## MEMORANDUM

Planning Division

**DATE:** March 1<sup>st</sup>, 2024

**TO:** **Parks & Recreation Board**

**FROM:** Ad Hoc Environmental Sustainability Committee

**SUBJECT:** Project Overview – Birmingham Green Healthy Climate Plan

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On January 23<sup>rd</sup>, 2023 ([Agenda](#) – [Minutes](#)), the City Commission unanimously passed a resolution to declare a climate emergency, establish the Ad Hoc Environmental Sustainability Committee, and direct Planning Staff to facilitate the immediate development of a greenhouse gas emissions inventory to set a baseline and develop greenhouse gas emission reduction targets for 2030 and 2050.

In alignment with this resolution the City of Birmingham, as directed by City Commission is developing a sustainability and climate action plan. Sustainability plans help an organization meet its goals to reduce resource use and other environmental impacts. Climate action plans (CAP) are tools designed to help state and local governments mitigate and adapt to the effects of climate change on their community. They tend to build upon information compiled through greenhouse gas inventories (GHGI) and focus on those activities that can achieve the greatest emissions reductions cost-efficiently. The Ad Hoc Environmental Sustainability Committee (ESC) is overseeing the creation of The Birmingham Green Healthy Climate plan in collaboration with city staff.

The Birmingham Green Healthy Climate Plan is a strategic roadmap that details community and government action that can be taken to help meet sustainability goals, mitigate and adapt to the effects of climate change. So far, the AHESC and city staff have conducted public engagement and municipal roundtables in order to gather input on the direction of the plan. In addition, the GHGI is nearing completion.

The Planning Division will be providing more information in the coming months as we continue to draft the plan. In the meantime, the ESC and Planning Division welcomes comments and questions.



DRAFT: 3/1/24

## **Birmingham Green Healthy Climate Plan Vision Statement**

*"The Birmingham community will be a regional leader in sustainability and climate action by instituting policies and practices that enhance the natural & built environment, improve quality of life, and foster equity & resiliency towards a vibrant future.*

## **Birmingham Green Healthy Climate Plan Objectives**

Mitigate extreme weather impacts on the community

Integrate equity and address environmental injustices

Restore natural areas and increase native biodiversity

Increase materials management and reduce waste

Facilitate transition to renewable energy and decarbonization

Prioritize sustainable practices in all municipal and private projects

Promote nature-based solutions as standard practice



**Project Schedule**

**DRAFT: 3/1/2024**

	2023							
Meeting/Event	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>June 12<sup>th</sup>, ESC</b>		✓						
GHGI Data Requests		✓						
Community Survey Open (Late June)		✓						
<b>Public Engagement Event #1</b> (Day on the Town, July 29 <sup>th</sup> 9am-5pm)			✓					
<b>August 21<sup>st</sup>, ESC</b>				✓				
<b>Public Engagement Event #2</b> (Farmer’s Market, August)				✓				
<b>Public Engagement Event #3</b> (Municipal Roundtable, Sept/Oct)					✓	✓		
Community Survey Closes (Late Sept.)					✓			
<b>October 30<sup>th</sup>, ESC @ BPL</b> Community Visioning Session						✓		
<b>Nov 20<sup>th</sup>, ESC</b> Public Engagement Summary Review Draft Vision and Objectives							✓	
	2024							
Meeting/Event	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
<b>January, ESC</b> Finalize SCAP Vision & Objectives	X							
<b>Present Project Overview to City Boards and new board student reps</b> MMTB, P&R, PB, HDC, DRB, BSD		X	X					
<b>March, ESC</b> SCAP Draft Intro and Outline Review		X						
<b>GHGI Final Report Published to City Website</b>			X					
<b>March, ESC</b> GHGI Final Report, Goal Drafting			X					
<b>April, ESC</b> SCAP 30% Draft Review				X				
Community Survey #2 Open				X				



	2024							
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
<b>Public Engagement Event #4</b> DPS Open House, May 11 <sup>th</sup> , 2024					X			
<b>May, ESC</b> SCAP 60% Draft Review					X			
<b>June, ESC</b>						X		
<b>July, ESC</b> SCAP 100% Draft Review							X	
<b>Final Draft Published on City Website</b> 30-Day Public Comment Period							X	
<b>August, ESC</b>								X
<b>City Commission</b> Public Hearing / Adoption								X
<b>Publish Final SCAP on City Website</b>								X

**Acronyms Decoded**

- ESC – Ad Hoc Environmental Sustainability Committee
- GHGI – Greenhouse Gas Emissions Inventory
- SCAP – Sustainability and Climate Action Plan
- MMTB – Multi-Modal Transportation Board
- P&R – Parks and Recreation Advisory Board
- PB – Planning Board
- HDC – Historic District Committee
- DRB – Design Review Board
- BPL – Baldwin Public Library