



**COUNTY ADMINISTRATOR**  
220 NORTH MAIN STREET, P.O. BOX 8645  
ANN ARBOR, MICHIGAN 48107-8645  
(734) 222-6850  
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TO: Katie Scott  
Chair, Ways & Means Committee

THROUGH: Gregory Dill  
County Administrator

FROM: Evan Pratt  
Water Resources Commissioner

DATE: July 10, 2019

SUBJECT: Resolution ratifying the submission of a grant application to the  
National Fish and Wildlife Foundation – Southeast Michigan  
Resilience Fund 2018

### **BOARD ACTION REQUESTED**

Washtenaw County Office of the Water Resources Commissioner request for County Board of Commissioners' approval to ratifying the submission of a grant application to the National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018 for \$76,060.99.

### **BACKGROUND**

Washtenaw County Parks and Recreation has committed \$250,000 to developing a skatepark in Ypsilanti Township's Community Center Park. The Tony Hawk Foundation is part of the team, committing \$250,000 to the project, and an additional \$50,000 from the Ralph C. Wilson Jr. Foundation. The Tony Hawk Foundation's mission includes providing safe urban skating facilities, particularly in underserved areas.

This grant would support the existing collaboration by funding the skatepark's stormwater management system and employ green infrastructure – ponds, rain gardens, native vegetation.

Activities include design, construction and maintenance of up to 8,000 square feet of green space that functions as stormwater treatment. The scale will be determined by soil characteristics and design decisions.

Skaters and community members are invited to participate in all aspects of design implementation and maintenance.

## **DISCUSSION**

### **Project Description**

The National Fish and Wildlife Foundation's Southeast Michigan Resilience Fund seek to both provide climate resiliency and access to green infrastructure as a quality of life amenity.

The grant would allow construction of up to 8,000 square feet of green infrastructure and a gathering spot adjacent to a new skate park. The facility will capture runoff for all storms up to the 100 year (or 1%) event, with a 195,430 gallon treatment capacity. Skaters from the local area will be engaged in design and will be organized to participate in maintenance and clean up days.

### **Project Abstract**

The project will build a suite of green infrastructure that may include rain gardens, bioswales and infiltration zones to accommodate runoff from a newly constructed 10,000 square foot skate park. The goal will be zero net runoff - to infiltrate all runoff from events less than the 100 year storm.

The stormwater infrastructure will provide a green backdrop to the open expanse of the park, a gathering spot for skating events, and a meet-up area for approximately 3,000 regular skaters and 11,000 active skaters throughout Washtenaw County.

### **IMPACT ON HUMAN RESOURCES:**

None

### **IMPACT ON BUDGET:**

None

### **IMPACT ON INDIRECT COSTS:**

None

### **IMPACT ON OTHER COUNTY DEPARTMENTS OR OUTSIDE AGENCIES:**

None

### **CONFORMITY TO COUNTY POLICIES:**

Conforms to County Policies

### **ATTACHMENTS/APPENDICES:**

Resolution

Budget

RESOLUTION RATIFYING THE SUBMISSION OF A GRANT APPLICATION TO THE  
NATIONAL FISH AND WILDLIFE FOUNDATION – SOUTHEAST MICHIGAN  
RESILIENCE FUND 2018 IN THE AMOUNT OF SEVENTY SIX THOUSAND SIXTY  
DOLLARS AND NINETY NINE CENTS (\$76,060.99) FOR THE PERIOD OF JULY 1,  
2019 – OCTOBER 30, 2020

WASHTENAW COUNTY BOARD OF COMMISSIONERS

July 10, 2019

WHEREAS, the Washtenaw County Water Resource Commissioner's Office has submitted a grant for \$76,060.99 through the National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018; and

WHEREAS, the stormwater infrastructure will treat runoff while providing a green backdrop to the open expanse of the park, a gathering spot for skating events, and a meet-up area for approximately 3,000 regular skaters and 11,000 active skaters throughout Washtenaw County, and

WHEREAS, this programming aligns with the priorities of the Board of Commissioners, and will provide services which help to reduce the environmental impact of Washtenaw County residents and businesses; and

WHEREAS, the matter has been reviewed by Corporation Counsel, the Finance Department, Human Resources, the County Administrator's Office and the Ways & Means Committee.

NOW THEREFORE BE IT RESOLVED that the Washtenaw County Board of Commissioners takes the following actions contingent upon the receipt of the grant award in conformity with the grant application:

Authorizing the Administrator to sign the Notice of Grant Award Amending the budget, as attached hereto and made a part hereof authorizing the Administrator to sign delegate contracts in conformity with the application/award upon review of Corporation Counsel, to be filed with the County Clerk



EasyGrantsID: 63568

National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018, Full Proposal

Title: Skatepark Green Infrastructure, Ypsilanti Township, Washtenaw County Michigan

Organization: Washtenaw County

### Grant Information

#### Title of Project

Skatepark Green Infrastructure, Ypsilanti Township, Washtenaw County Michigan

<b>Total Amount Requested</b>	\$ 76,060.99
<b>Matching Contributions Proposed</b>	\$555,000.00
<b>Proposed Grant Period</b>	07/01/ 2019 - 10/30/ 2020

#### Project Description

Construct approximately 8,000 square feet of green infrastructure and a gathering spot adjacent to a new skatepark. The facility will capture runoff for all storms up to the 100 year (or 1%) event, with a 195,430 gallon treatment capacity. Skaters from the local area will be engaged in design and will be organized to participate in maintenance and clean up days.

#### Project Abstract

The project will build a suite of green infrastructure that may include rain gardens, bioswales and infiltration zones to accommodate runoff from a newly constructed 10,000 square foot skatepark. The goal will be to infiltrate all runoff from events less than the 100 year storm.

The stormwater infrastructure will provide a green backdrop to the open expanse of the park, a gathering spot for skating events, and a meet-up area for approximately 3,000 regular skaters and 11,000 active skaters throughout Washtenaw County.

The Tony Hawk Foundation is a partner. Their mission is to provide safe urban skating facilities, particularly in underserved areas. The Ralph C. Wilson Jr. Foundation is also providing pass through support to the Tony Hawk Foundation.

Municipal partners are Washtenaw County Parks and Recreation, Washtenaw County Water Resources and Ypsilanti Township.

Activities include design, construction and maintenance of approximately 8,000 square feet of green space that functions as stormwater treatment. Size depends on soil characteristics and design decisions.

Skaters will be involved in all aspects of design and implementation, including maintenance.

#### Organization and Primary Contact Information

Organization	Washtenaw County
Organization Type	State or Local Government
City, State, Country	,,

Region (if international)

<b>Primary Contact</b>	Harry Sheehan
1133 15th Street, NW	
Suite 1100 Washington, DC 20005	



# NFWF

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National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018, Full Proposal

Title: Skatepark Green Infrastructure, Ypsilanti Township, Washtenaw County Michigan

Organization: Washtenaw County

Position/Title

Phone and E-mail

734-417-7343 x ; sheehan@ewashtenaw.org

### Additional Contacts

Role	Name



NFWF

EasyGrantsID: 63568

National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018, Full Proposal

Title: Skatepark Green Infrastructure, Ypsilanti Township, Washtenaw County Michigan

Organization: Washtenaw County

### Project Location Information

Project Location Description	The skatepark will be located in Ypsilanti Township, Washtenaw County, Michigan. Specifically, at the corner of Midway and Clark Roads at Community Center Park on approximately 1.8 acres in the northwest corner of the park.
Project Country(ies)	North America - United States
Project State(s)	Michigan
Project Congressional District(s)	District 12 (MI)

### Permits and Approvals

Permits/Approvals Description:	Soil Erosion and Sediment Control Plumbing and Electrical TBD
Permits/Approvals Status:	Intend to Apply
Permits/Approvals Agency-Contact Person:	Ypsilanti Township
Permits/Approvals Submittal-Approval Date:	06/03/2019



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National Fish and Wildlife Foundation – Southeast Michigan Resilience Fund 2018, Full

Proposal

Title: Skatepark Green Infrastructure, Ypsilanti Township, Washtenaw County Michigan

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## Activities and Outcomes

### **Funding Strategy: Habitat Management**

Metric: SE MI - Green Infrastructure - Volume stormwater storage added

Required: Recommended

Description: Enter the volume (in gallons) of stormwater storage retained annually through green infrastructure improvements (measured as design retention capacity for a 100-year 24-hour storm). For GSI maintenance projects, enter volume (gallons) of stormwater storage retained annually through the GSI you are maintaining. Please refer to the "Guidance for Applicants" for tools and more details.

<b>Starting Value</b>	0.00 Volume stormwater storage added
<b>Target value</b>	195430.00 Volume stormwater storage added

Note: The proposal is for a 10,000 square feet concrete skate surface with green infrastructure that will accommodate the runoff from the 1%, 24-hour event. That design event equates to 4,045 cubic feet of runoff or 30,258 gallons as the maximum treatment for any given storm (runoff coefficient = 0.95). Normally, this region gets 33 inches of total annual precipitation. Assuming current patterns, this equates to 26,125 cubic feet or 195,430 gallons treated per year.



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**I. PERSONNEL \$7,581.81**

Staff Name	Position	Annual Salary	Project Hours	Hourly Rate	LOE (%)	Project Salary	% Fringe	\$ Fringe	Total Personnel
Theresa Marsik	Stormwater Engineer	\$77,363.00	50.00	\$37.19	2	\$1,859.69	64.78	\$1,204.71	\$3,064.39
Susan Brian	Environmental Specialist	\$71,498.00	25.00	\$34.37	1	\$859.35	59.89	\$514.67	\$1,374.02
Catie Wytychak	Environmental Specialist	\$52,102.00	75.00	\$25.05	4	\$1,878.68	67.32	\$1,264.73	\$3,143.40

**Totals \$4,597.72 \$2,984.11 \$7,581.81**

**II. TRAVEL \$306.00**

Domestic Airfare – Per Flight

Purpose/Destination	Unit Cost	Quantity	Total Cost

**SubTotal \$0.00**

International Airfare – Per Flight

Purpose/Destination	Unit Cost	Quantity	Total Cost

**SubTotal \$0.00**

Train – Per Ticket





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Purpose/Destination	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Rental Car – Per Day**

Purpose/Destination	Days/Duration	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Taxis – Per Trip**

Purpose/Destination	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Mileage – Per Mile**

Purpose/Destination	Unit Cost	Quantity	Total Cost
15 trips of 20 miles from WCWRC office to the site	\$0.51	600	\$306.00

**SubTotal** **\$306.00**

**Gasoline – Per Gallon**

Purpose/Destination	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Per Diem (M&IE) – Per Day**



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Purpose/Destination	Days/Duration	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Lodging – Per Night**

Purpose/Destination	Days/Duration	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

**Meals (no M&IE) – Per Meal**

Purpose/Destination	Days/Duration	Unit Cost	Quantity	Total Cost

**SubTotal** **\$0.00**

<b>III. EQUIPMENT</b>	<b>\$0.00</b>
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Item Name	Description	Unit Cost	Quantity	Total Cost

<b>IV. MATERIALS &amp; SUPPLIES</b>	<b>\$2,415.00</b>
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Type	Purpose	Unit of Measure	Unit Cost	Quantity	Total Cost
Interpretuff Sign Panels	Interpretation	24 x 36	\$230.00	3	\$690.00
Low profile cantilever sign frames	Interpretation	24 x 36	\$575.00	3	\$1,725.00



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<b>V. CONTRACTUAL SERVICES</b>	<b>\$65,000.00</b>
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**Subcontract/Contract – Per Agreement**

Contractor Name	Description	Total Cost
TBD	Design-Build Skatepark Contractor procured via bid	\$65,000.00

**SubTotal** **\$65,000.00**

**Subgrant – Per Agreement**

Subrecipient	Description	Total Cost

**SubTotal** **\$0.00**

<b>VI. OTHER DIRECT COSTS</b>	<b>\$0.00</b>
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Type	Purpose	Unit of Measure	Unit Cost	Quantity	Total Cost

<b>VII. TOTAL DIRECT COSTS</b>	<b>\$75,302.81</b>
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<b>VIII. INDIRECT COSTS</b>	<b>\$758.18</b>
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Explanation of Modified Total Direct Cost Base(MTDC)	Rate Type	NICRA Expiration	\$MTDC	Rate(%)	Total Cost
de minimus rate per uniform guidance for personnel only	De Minimis		\$7,581.81	10.00	\$758.18

<b>IX. TOTAL PROJECT COSTS</b>	<b>\$76,060.99</b>
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NFWF

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### Budget Narrative

#### Budget Narrative:

##### 1. Personnel

Personnel - Engineer to review and help refine stormwater design and assist with soils analysis. Construction inspection and grade checks. 50 hrs

Two Environmental Specialists will participate. Susan runs our rain garden program and outreach. She is a certified landscape architect and can assist with construction administration/consultation. 25 hrs

Catie's role will include certifying plant materials, substitutions and planting inspection. She also will advise on design to facilitate maintenance and assist in interpretive signage production. 75 hrs

##### 2. Travel

- Domestic Airfare - Per Flight -
- International Airfare - Per Flight -
- Train - Per Ticket -
- Rental Car - Per Day -
- Taxis - Per Trip -
- Mileage - Per Mile -



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Gasoline - Per Gallon -  
Per Diem (M&IE) - Per Day -  
Lodging - Per Night -  
Meals (No M&IE) - Per Meal -

### 3. Equipment

Equipment -

### 4. Materials and Supplies

Materials and Supplies - 3 signs similar to those used locally at parks for interpretation. 2' x 3' panels in frames. Graphics to be designed by staff.

### 5. Contractual Services

Subcontract/Contract - This line is a lump sum estimate of construction pay items related to conveyance, capture and infiltration of stormwater. This  
Per Agreement - will include excavation, grading, pipes, inlets, outlets, stonework, soil amendments, and vegetative material. It may also

integrate pathways, seating, pavers, stone and signage installation.

Subgrant - Per Agreement -

**6. Other Direct Costs**



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Other Direct Costs -

## 7. Indirect Costs

Indirect Costs -

Aggregate costs of buildings, computers, phones, printers, etc. Percentage is based on staff and fringe totals only. Materials and contractual items excluded from the equation.





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Organization: Washtenaw County

## Matching Contributions

<b>Matching Contribution Amount:</b>	\$250,000.00
<b>Type:</b>	Cash
<b>Status:</b>	Pledged
<b>Source:</b>	Tony Hawk Foundation
<b>Source Type:</b>	Non-Federal
<b>Description:</b>	Construction Funding

<b>Matching Contribution Amount:</b>	\$50,000.00
<b>Type:</b>	Cash
<b>Status:</b>	Pledged
<b>Source:</b>	Ralph C. Wilson Jr. Foundation
<b>Source Type:</b>	Non-Federal
<b>Description:</b>	Grant for an environmental component that may or may not include green infrastructure components. This funding will be passed through the Tony Hawk Foundation.

<b>Matching Contribution Amount:</b>	\$250,000.00
<b>Type:</b>	Cash
<b>Status:</b>	Pledged
<b>Source:</b>	Washtenaw County Parks & Recreation
<b>Source Type:</b>	Non-Federal
<b>Description:</b>	County Parks Millage

<b>Matching Contribution Amount:</b>	\$5,000.00
<b>Type:</b>	In-kind
<b>Status:</b>	Pledged
<b>Source:</b>	Washtenaw County Water Resources
<b>Source Type:</b>	Non-Federal
<b>Description:</b>	Harry Sheehan - Approximately 100 hours of grant administration and design collaboration time.



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<b>Total Amount of Matching Contributions:</b>	\$555,000.00
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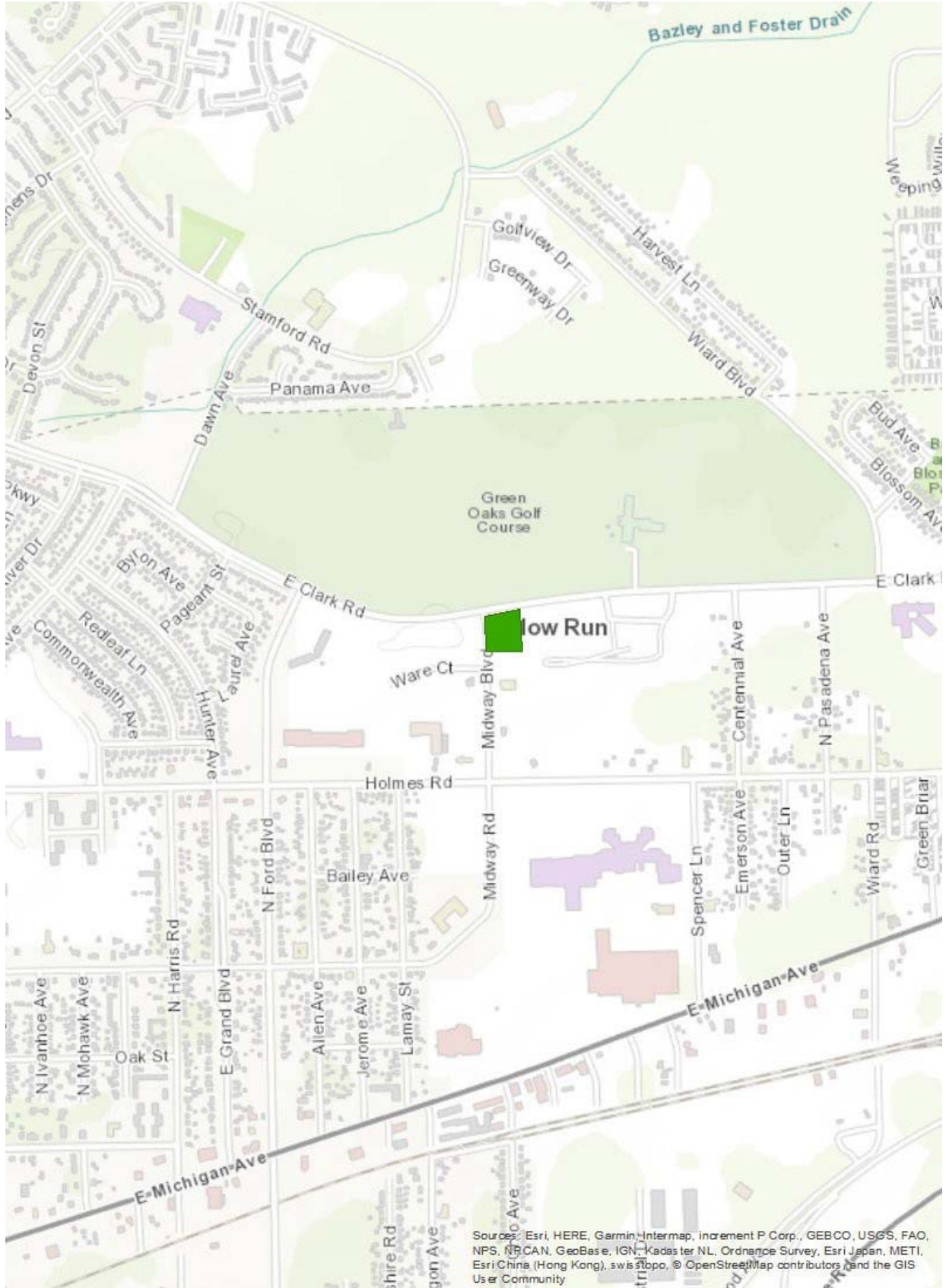
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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community



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The following pages contain the uploaded documents, in the order shown below, as provided by the applicant:

Upload Type	File Name	Uploaded By	Uploaded Date
SMRF Full Proposal Narrative	Ypsilanti Twp Skatepark Full Proposal - Washtenaw County.doc	Sheehan, Harry	03/08/2019
Project Map	SkateparkMap.pdf	Sheehan, Harry	02/27/2019
Letters of Support	signed LOS UM.docx	Sheehan, Harry	02/27/2019
Letters of Support	LOS_THF.pdf	Sheehan, Harry	03/07/2019
Letters of Support	Parks Letter of Support - Signed.pdf	Sheehan, Harry	03/07/2019
Letters of Support	YTown_Support Letter WCWR.pdf	Sheehan, Harry	03/07/2019
Statement of Litigation	Statement+of+Litigation.doc	Sheehan, Harry	02/25/2019
Board of Trustees, Directors, or equivalent	board.docx	Sheehan, Harry	02/27/2019

The following uploads do not have the same headers and footers as the previous sections of this document in order to preserve the integrity of the actual files uploaded.



# NFWF

## Full-Proposal Project Narrative

1. **Funding Category:** Highlight the one primary Funding Category that best describes the proposed project: **1) Expanding Green Stormwater Infrastructure and Enhancing Public Space;** 2) *Improving Habitat Quality, Connectivity, and Accessibility*. If the project is expected to yield benefits in both categories, indicate the relevant secondary category.
2. **Context:** Briefly describe the project context in terms of current conditions, existing challenges, and opportunities for improvement. Explain how the proposed work would complement and connect to previous and ongoing efforts and strategies.

Municipalities nationwide have come to embrace the recreational—and societal—benefits of skateboard parks. Skateparks engage the community, provide kids a place to grow, and offer a sense of belonging. Most communities lack the resources to provide a safe, legal place to skate. This is particularly true in underserved areas that stand to benefit most. Providing a safe, well-planned, and successful skatepark is the challenge for Ypsilanti Township (Pop. 55,000) in Washtenaw County.

Since 2002 the Tony Hawk Foundation has been fulfilling its mission to help young people by issuing grants to low-income communities building quality public skateparks, and providing guidance to city officials, parents, and children through the process. To date, the foundation has awarded over \$5.7-million to 588 public skatepark projects in all 50 States receiving more than 5-million visits annually by youth who benefit from the active lifestyle and camaraderie the facilities promote.

On January 14, 2019, in collaboration with the Tony Hawk Foundation and Washtenaw County Parks & Recreation, the Ypsilanti Township Board of Trustees approved siting for a new skatepark at Community Center Park.

The site: The YTown Community Center in Ypsilanti Township, Michigan, is open six days a week, providing day care, youth & adult sports, and enrichment programs. Facilities include an arts and crafts room, pre-school room, courts and gymnasium, a dance studio, meeting/class rooms, and a senior center. Adjacent facilities include four baseball diamonds, six tennis courts, a playground, and a golf course.

This partnership between the Township, Tony Hawk Foundation and Washtenaw County Parks & Recreation will add a 10,000 square foot skatepark to the recreation complex. The skatepark will occupy 1.8 adjacent acres of Township-owned land. According to the Skateboard Adoption Model, the site will engage 11,000 Washtenaw County skaters, friends and family. There are approximately 3,000 core users in close proximity to the park, including 630 from Ypsilanti Township itself.

Constructing a new swath of concrete will generate significant stormwater runoff to a nearby county drain (known as the Willow Run Extension), and from there, to the Huron River. As has been demonstrated regionally, green infrastructure can accommodate runoff in a manner that adds functionality and aesthetic value to the site. This proposal will incorporate stormwater management design with the look and feel of a courtyard garden. The green grow-zone would provide a natural backdrop and gathering spot that will surround, and integrated with, the skaters' prep zone and break area adjacent to the skating surface.

Over the past decade, rain gardens and green zones have become visible but not conventional, particularly in underserved communities. Volunteer-managed green infrastructure is scarcer still. This site provides an opportunity to create sustained grassroots care of the skatepark's green features.

To date, the County has facilitated construction of over 400 gardens in yards, street rights-of-way, schools, and community parks. We have a growing roster of over 100 volunteer gardeners involved in some form of outreach.

3. **Outcomes:** Discuss how project activities will generate direct, measurable benefits to the communities, habitats, waterways, etc. of Southeast Michigan and advance the goals of the funding category(ies) as indicated in the RFP. Elaborate on project outcomes and impact with reference to the outcome metrics selected previously in the application; discuss what makes the outcomes achievable and important. Explain how the project will improve community and/or habitat resilience in the face of intensifying environmental stressors, particularly related to climate. For all proposals, please describe the current and anticipated public-use of the site(s) your project will address. Where possible, quantify pre-project implementation public use and/or community perception of the site(s), project how this use will change due to your project activities or benefits to communities served will be generated, and describe plans to groundtruth projections post-project implementation.

Green infrastructure is common, but not commonplace. While we have many private, and a number of public examples locally, this location offers a way to communicate to a broader audience, and provide a place-based example of green infrastructure at work: What it is? Why it's important? How it protects the Huron River? It will be a living example of recreation, habitat and water quality protection packaged as one. Signage will be custom made for the site to interpret green infrastructure functionality. This will familiarize people with living examples of green infrastructure, beyond the 'early adopters.' This awareness creates acceptance, and perhaps a willingness to support it in the community dialogue going forward.

Elevating stormwater management to a core component of design is something that can be scaled up. There are only a few highly qualified skatepark design-build firms in the market. After this project, one of them will have the marketable experience and competitive advantage of having completed a comprehensive green infrastructure design that likely will be included in their future marketing and proposals.

The NOAA Participation Frequency Atlas of Midwestern States (Atlas 14) documents higher rainfall totals for given design events. The design standard to be employed at this park will be the 1%, 24-hour storm (5.11 inches) defined in Atlas 14. This value is 0.75 inches higher than the standard used prior to Atlas 14.

The skatepark will occupy a vacant site, thereby adding programming and use by an already vibrant skating community. The Ypsilanti skateboarders already exist and have created a "do-it-yourself" skatepark in Prospect Park and other places. This project would give them a permanent home with more substantial elements.

Community and skatepark user involvement is addressed below in the Activities section.

- a. *Green Stormwater Infrastructure Additional Guidance:* Include anticipated outcomes in terms of gallons of stormwater storage capacity added (design retention capacity) and provide a projection for the volume of stormwater runoff captured and/or infiltrated per year (gallons/year). Describe the size and land use of the drainage area that will be served by the GSI, including soil type.

The proposal is for a 10,000 square feet concrete skate surface with green infrastructure that will accommodate the runoff from the 1%, 24-hour event. That design event equates to 4,045 cubic feet of runoff or 30,258 gallons as the maximum treatment for any given storm (runoff coefficient = 0.95). Normally, this region gets 33 inches of total annual precipitation. Assuming current patterns, this equates to 26,125 cubic feet or 195,430 gallons treated per year.

As with all projects that meet the rules of the Washtenaw County Water Resources Commissioner and Ypsilanti Township, a minimum of 1 inch of rainfall will be infiltrated. Preliminary review of soils at this site indicate



specialist staff services. In collaboration with partners, they may advise on design and construction administration with respect to stormwater management elements. Washtenaw County Water Resources and the Township will review stormwater management elements for conformance with local standards.

Construction plans will assure that on-site stormwater management create no flow or volume-related impacts upstream or downstream during the 1% event, and will document storage and infiltration calculations.

5. **Partnerships, Inclusion, and Community Engagement:** List the individuals who would lead project implementation and describe their qualifications and experience. Describe additional project partners and their role in the proposed project, including opportunities to build new partnerships that will be explored throughout the project timeline. Expand upon the ways the proposed project will meaningfully engage and benefit people, particularly historically underrepresented and underserved communities, including a description of community input in project design and the education and engagement activities that will optimize public-use of the project. Indicate the demographics of communities/groups that will be served or impacted by the project. Letters of support from all project partners are required and should be included in the “uploads” section of your application. Applicants are highly encouraged to include letters of support from community organizations to demonstrate support for benefits to the communities served by your project.

This is a collaborative partnership in which Harry Sheehan, Chief Deputy Water Resources Commissioner, will direct Southeast Michigan Resilience Fund resources to achieve the defined stormwater management outcomes. Harry holds a Master’s Degree in Natural Resources and has 20 years of local water quality grant implementation experience.

Washtenaw County Water Resources and Parks and Recreation departments have a long established collaboration with Ypsilanti Township. This project will include the Tony Hawk Foundation, its landscape contractor, and the Ypsilanti skateboard group. The skaters are representative of their community which is roughly 60% white and 40% people of color. Median household income ranges from \$35,000 - \$45,000 throughout much of the surrounding census tracts.

The Tony Hawk Foundation supports disadvantaged communities and at-risk children. It is the only national grant-writing organization focused solely on the development and financing of free, quality public skateparks. For Tony Hawk himself, skateboarding was a healthy outlet and a recreational challenge, and it provided a social group of creative, like-minded individuals. It’s also a sport that helped him build confidence, taught him to persevere, and through his mentoring of younger skaters, helped him develop leadership skills. The Tony Hawk Foundation works every day to be able to bring these same lessons to youth around the world. The Ralph C. Wilson, Jr. Foundation provides financial support to the Tony Hawk Foundation via an existing partnership.

Ypsilanti Township will take over operation and maintenance of the skatepark and stormwater facilities following construction. Ypsilanti Township will be responsible for managing the facility in the long-term.

The University of Michigan School of Engineering will supply rain garden/green infrastructure depth sensors and host real time and archived data. See Item #6 below.

Skatepark users will be engaged in designing a park that integrates the green space with an active use portion of the park as described in Item #4 above, and maintenance as described in Item #7 below.

6. **Tracking Metrics:** Indicate how the project will monitor/assess progress on the metrics selected previously in the application. At a minimum, the description should: 1) indicate the metrics that will be used to track progress and quantify outcomes; 2) outline the approach for establishing baseline



conditions against which post-implementation conditions will be compared; and, if applicable, 3) demonstrate plans and resources for post-implementation monitoring (including partnerships). Note any challenges or limitations anticipated with tracking the metrics. Additional guidance to assist applicants in selecting and reporting metrics and project outcomes is available at [www.nfwf.org/semichigan](http://www.nfwf.org/semichigan).

For the past few years, the Water Resources Office has collaborated with University of Michigan Associate Professor Branko Kerkez in ‘gauging’ at a watershed scale. Currently we have several dozen cellular-enabled optical depth sensors located throughout Ann Arbor (<http://open-storm.org/>). This year we are expanding to include sensors at various rain gardens to measure depth constantly over the course of rain events. Comparing these depths to the known volume of storage will give us total volume retained. If this proposal is successful, this monitoring technique will be applied to the skatepark facilities allowing accurate verification of retention volume. Monitoring will occur over the course of 9 months to verify infiltration and storage functions. Data will be extrapolated to quantify storage during winter months.

Monitoring can be done several years later, to determine longevity of the infiltration capacity of the facilities. This is not included in the scope of this proposal.

The current site is green space. As such, site plans will be required to quantify the comparison between the pre- and post-development stormwater runoff regimes.

- 7. Long-term Operation, Maintenance and Monitoring:** Indicate how project benefits will be sustained through time. Refer to any relevant existing long-term operation and maintenance plan(s) or describe anticipated efforts to develop a long-term plan. Plans should include expected long-term efficacy of project activities, including projected or anticipated performance over 5 years, anticipated useful life of project elements (GSI construction, habitat restoration/management practices) and required maintenance over time to sustain optimal function. Additionally, proposals are encouraged to include a monitoring plan to measure outcomes and assess the success of the project (see “Long-term Operation, Maintenance, and Monitoring section of the RFP for details and expectations for monitoring plans).

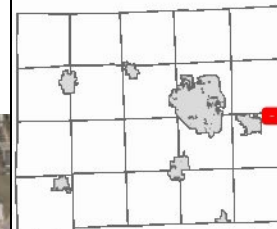
Washtenaw County Water Resources will develop a custom maintenance plan, which will likely include 2-3 work days per year, engaging volunteers from the neighborhood and the skateboard community, and include recommendations for Ypsilanti Township maintenance crews. This model follows one developed over 12 years of green infrastructure construction, operation, and maintenance.

- 8. Other (Optional):** Provide any additional information important for the review of this proposal.

This project conforms to the goals of the Washtenaw County Parks & Recreation Master Plan, Ypsilanti Township Parks & Recreation Master Plan as noted in the letters of support.

Signage will be finalized and installed after the park opens to account for patterns of activity.

# Washtenaw County - Ypsilanti Township Skatepark



### Legend

- County Drains
- 2015 Aerial

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

**NOTE: Parcels may not be to scale.**  
12/11/2018

0 800.00 1,600.0 Feet

### Notes

March 8, 2019

Evan Pratt  
Washtenaw County Water Resources  
Commissioner 705 N. Zeeb Road, P.O. Box 8645  
Ann Arbor, MI 48107-8645

Subject: SE Michigan Resilience Fund – Ypsilanti Township Skatepark.

Dear Mr. Pratt,

My lab at the University of Michigan, School of Engineering is pleased to support this proposal for green stormwater infrastructure at the skatepark proposed for Community Center Park in Ypsilanti Township.

Our involvement will be limited to logistical support to your staff necessary to successfully install, maintain and gather data from no more than 3 depth sensors to accurately measure volume of treatment from these newly installed green infrastructure facilities.

We look forward to partnering with you!

Sincerely,



Branko Kerkez, Ph.D.  
Assistant Professor  
Civil and Environmental Engineering  
bkerkez@umich.edu

TONY HAWK FOUNDATION

Tony Hawk Foundation  
1203 Activity Dr.  
Vista, CA 92081

March 8, 2019

Evan Pratt  
Washtenaw County Water Resources Commissioner  
705 N. Zeeb Road, P.O. Box 8645  
Ann Arbor, MI48107-8645

Subject: SE Michigan Resilience Fund- Ypsilanti Township Skatepark.

Dear Mr. Pratt,

The Tony Hawk Foundation is pleased to support this proposal for green storm-water infrastructure at the Ypsilanti Township Skatepark.

This project supports our mission to foster lasting improvements in society, with an emphasis on supporting and empowering youth. Our Foundation supports recreational programs focusing on the creation of public skateboard parks in low-income communities that have strong community involvement, grassroots fundraising, and a base of support from the skaters, parents, law enforcement, and local leaders.

The proposal features vegetated grow zones that treat runoff and protect the Huron River. The objective is to integrate a unique combination of storm-water management, habitat creation, recreational connectivity and a gathering spot into the overall landscape plan for the park.

The Tony Hawk Foundation has committed \$250,000 towards design and construction of this important project.

We look forward to partnering with you!

Respectfully,

A stylized, handwritten signature in black ink, appearing to be 'Trevor Staples', written over a horizontal line.

Trevor Staples  
Built to Play Skatepark Manager  
Tony Hawk Foundation



## ***Washtenaw County Parks and Recreation Commission***

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March 8, 2019

Evan Pratt  
Washtenaw County Water Resources Commissioner  
705 N. Zeeb Road, P.O. Box 8645  
Ann Arbor, MI 48107-8645

Subject: SE Michigan Resilience Fund- Ypsilanti Township Skatepark.

Dear Mr. Pratt,

Washtenaw County Parks & Recreation is pleased to support this proposal for green stormwater infrastructure at the Ypsilanti Township Skatepark. The proposal features vegetated grow zones that treat runoff and protect the Huron River. Our objective is to integrate a unique combination of stormwater management, habitat creation, recreational connectivity and a gathering spot into the overall landscape plan for the park.

This project meets the following Master Plan Goals:

**Goal2**

Provide recreation opportunities to all patrons, regardless of age, gender, physical or mental ability, or socioeconomic status.

**Goal3**

Preserve and enhance the existing natural, historic, and cultural resources in Washtenaw County, thereby providing opportunities for interaction with the natural and built environment and promoting greater understanding of these resources.

**GoalS**

Seek opportunities to cooperate and collaborate with a variety of partners to ensure the efficient development, operation, maintenance, and stewardship of parks, preserves, and facilities and to enhance the health and well-being of Washtenaw County residents.

Washtenaw County Parks & Recreation will commit \$250,000 towards construction of the skatepark.

We look forward to partnering with you!

Respectfully,

  
Coy Vaughn, Director

*Stjepwidtu:*  
**BRENDA L. STUMBO**  
*eterh'*  
**KAREN LOVEJOY ROE**

*Treasurer*  
**LARRY J. DOE**  
*5W< tu6*  
**STANELDRIDGE**  
**HEATHER ROE**  
**MONICA ROSS-WILLIAMS**  
**JIMMIE WILSON, JR.**



**Charter Township of Ypsilanti**  
**SUPERVISOR'S OFFICE**  
**7200 S. Huron River Drive**  
**Ypsilanti, MI 48197**  
**Phone: (734) 481.0617**  
**Fax: (734) 484.0002**  
[www.ytown.org](http://www.ytown.org)

March 8, 2019

Evan Pratt  
Washtenaw County Water Resources Commissioner  
705 N. Zeeb Road, P.O. Box 8645  
Ann Arbor, MI 48107-8645

Subject: SE Michigan Resilience Fund- Ypsilanti Township Skatepark.

Dear Mr. Pratt,

The Charter Township of Ypsilanti is pleased to support this proposal for green stormwater infrastructure at the skatepark proposed for Community Center Park. The plan features vegetated grow zones that treat runoff and protect the Huron River. Our objective is to integrate a unique combination of stormwater management, habitat creation, recreational connectivity and a gathering spot into the overall landscape plan for the park.

This project meets specific goals and objectives listed in the Parks and Recreation Master Plan:

- Maintain and improve the current system while incorporating a broader array of recreational opportunities.
- Explore partnerships, joint ventures, and alliances with neighboring public and private groups to provide greater recreational services.

Ypsilanti Township plans to take ownership of the asset when completed.

We look forward to partnering with you!

Respectfully,

A handwritten signature in black ink that reads 'Brenda L. Stumbo'.

Brenda L. Stumbo  
Township Supervisor



NFWF

### **Statement of Litigation**

**Instructions:** Save this document on your computer and complete. The final narrative should not exceed two (2) pages; do not delete the text provided below. Once complete, upload this document into the on-line application as instructed.

**Litigation:** In the space provided below, state any litigation (including bankruptcies) involving your organization and either a federal, state, or local government agency as parties. This includes anticipated litigation, pending litigation, or litigation completed within the past twelve months. Federal, state, and local government applicants are not required to complete this section. If your organization is not involved in any litigation, please state below.

**Local Government Exempt**

Washtenaw County Board of Commissioners  
March 8, 2019

District 1	Jason Maciejewski
District 2	Sue Shink
District 3	Shannon Beeman
District 4	Felicia Brabec
District 5	Ruth Ann Jamnick
District 6	Ricky Jefferson
District 7	Andy LaBarre
District 8	Jason Morgan
District 9	Katie Scott



Office of the Water Resources Commissioner  
Fund #1879  
Project # 1879192042  
July 1, 2019 – October 30, 2020

Revenues		Original Budget
	Federal Revenue	\$76,060.99
	In-Kind Contributions	
	Transfers In	
<b>Total Revenue</b>		<b>\$76,060.99</b>

Expenditures		Original Budget
	Personnel Services	\$7,581.81
	Materials & Supplies	\$2,415.00
	Travel & Mileage	\$306.00
	Contractual Services	\$65,000.00
	Indirect Costs	\$758.18
<b>Total Expenditures</b>		<b>\$76,060.99</b>