



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD
REGULAR MEETING
October 14 2020 6 PM

1. CALL MEETING TO ORDER
 2. APPROVE AGENDA
 3. APPROVE MINUTES
 - A. September 9, 2020 Minutes
 4. COMMUNICATIONS
 5. OLD BUSINESS
 - A. Foster-Couse Preserve
 1. Come to a decision on proposed trail maintenance and the allowance of bicycles
 - B. Lake Lansing South Preserve
 1. DNR Fisheries guidance on Pike Spawning area
 2. Management Plan Update
 - C. Wetland mitigation project at Central Meridian Uplands – update on site visit
 - D. Resolution supporting the ballot proposal to amend the Michigan Natural Resources Trust Fund
 - E. Lake Lansing Park North Boardwalk and Path Improvements
 1. Recap from last meeting
 - F. Lake Lansing North Burn Update
 - G. Re-Naming Preserve Properties
 1. Go over list of those able to be changed
 6. NEW BUSINESS
 - A. Land Preservation Millage Renewal – concerns from residents
 - B. Board Candidate Recommendation – Kris Parnell
 7. STAFF REPORT
 - A. Stewardship Coordinator
 - B. Stewardship Activities
 1. Legg Park Workday
 2. Lake Lansing North – Fall leaf cleanup
 3. Native Tree Planting at Chippewa Middle School
 4. CISMA Invasive Species Survey
 5. Sower Woods Preserve
 6. Deer Management Program Update
 8. COMMENT FROM THE PUBLIC
 9. OTHER MATTERS AND BOARD MEMBERS' COMMENTS
 10. ANNOUNCEMENTS
-

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Land Preservation Advisory Board by contacting: Director LuAnn Maisner, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4600 - Ten Day Notice is Required.

Meeting Location: 2100 Gaylord C. Smith Ct., Haslett, MI 48840

Providing a safe and welcoming, sustainable prime community.



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meridian.mi.us



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD
REGULAR MEETING
October 14 2020 6 PM

- A. Next Land Preservation Advisory Board Meeting: Wednesday, November 11, 2020, 6 pm,
Meridian Service Center.

11. ADJOURNMENT

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CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD REGULAR MEETING MINUTES
Meridian Service Center, Haslett MI
Wednesday, September 9, 2020, 6 PM

PRESENT: Board Members: James Kielbaso; Yu Man Lee; Steve Thomas
ABSENT: Mark Stephens, Dan Opsommer, Jamie Hiller
STAFF: Emma Campbell, Stewardship Coordinator
OTHER: Coe Emmons, Lake Lansing County Park, Park Manager

1. CALL MEETING TO ORDER

BOARD CHAIR KIELBASO MOVED TO CALL THE MEETING TO ORDER AT 6:08 PM.

2. APPROVE AGENDA

Chair Kielbaso asks to move item 6)B to 5)D, in order to allow Coe Emmons to leave the meeting early.

BOARD MEMBER THOMAS MOVED TO AMMEND AGENDA. Seconded by Board Member Lee.

VOICE VOTE: Motion carried unanimously.

3. APPROVE AUGUST 11, 2020 MINUTES

Chair Kielbaso amended agenda item #F, line A. to read, "Chair Kielbaso adjourned the meeting at 7:45pm. Seconded by Board Member Hiller."

BOARD MEMBER THOMAS MOVED TO APPROVE THE AUGUST 11, 2020 MINUTES AS AMENDED. Seconded by Board Member Lee.

VOICE VOTE: Motion carried unanimously.

4. COMMUNICATIONS - NONE

5. OLD BUSINESS

A. Foster-Couse Preserve

1. Come to a decision on proposed trail maintenance and the allowance of bicycles

BOARD MEMBER LEE MOVED TO TABLE THE DISCUSSION UNTIL THE NEXT MEETING DUE TO ABSENT BOARD MEMBERS. Seconded by Board Member Thomas.

VOICE VOTE: Motion carried unanimously.

B. 10-Year Stewardship Plan

1. Discuss ideas and proposed revisions from Board Members

BOARD MEMBER LEE MOVED TO TABLE THE DISCUSSION UNTIL THE NEXT MEETING DUE TO ABSENT BOARD MEMBERS. Seconded by Board Member Thomas.

Minutes – Land Preservation Advisory Board

September 9, 2020

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VOICE VOTE: Motion carried unanimously.

C. Meridian Conservation Corps

1. Debrief on program launch, future partnerships, HOA outreach
 - a. Partnership with Tri-County Regional Planning
 - b. Staff Member Campbell discusses presentations with Okemos-Haslett Kiwanis Club, Environmental Commission, as well as partnering with the Tri-County Regional Planning Commission on 'Adopt-a-Drain' program and well-head protection areas.
 - c. Staff Member Campbell reports that launch of first four programs has gone smoothly and volunteers continue to sign up and attend Stewardship Workdays.

D. Lake Lansing Park North Boardwalk and Path Improvements

1. Park Manager Coe Emmons presents boardwalk and path improvements to take place at Lake Lansing North (project outline in memo).
2. Questions from Board Member Lee:
 - a. There is concern over proximity of path to important vernal pools – what time of year will the construction take place? Can we utilize boardwalks in those areas to minimize impact on vernal pools?
3. Questions from Board Member Thomas:
 - a. Are there any new pathways being added in this project? No. They are all existing pathways and boardwalks that will be improved. This project included 1.3 miles of trail improvements out of the 6 miles of trails total.
 - b. Are there alternatives to use besides crushed limestone? There is concern that this could alter the pH of the soil over time and long-term effect plant species.
4. Questions from Chair Kielbaso:
 - a. Are there any funds required on our end? No. Ingham County Parks is only asking for our permission to move forward with the project. Land preservation funds could be used for additional improvements in areas proximal to vernal pools.
5. Park Manager Emmons will take unanswered questions back to his team and reply soon.

BOARD MEMBER LEE MOVED TO TABLE THE DISCUSSION UNTIL THE NEXT MEETING DUE TO ABSENT BOARD MEMBERS. Seconded by Board Member Thomas.

VOICE VOTE: Motion carried unanimously.

E. Lake Lansing South

1. Derek Perry guidance in pike spawning area; input for management plan

BOARD MEMBER LEE MOVED TO TABLE THE DISCUSSION UNTIL THE NEXT MEETING DUE TO ABSENT BOARD MEMBERS. Seconded by Board Member Thomas.

VOICE VOTE: Motion carried unanimously.

F. Wetland mitigation project at Central Meridian Uplands (site visit after regular meeting)

1. Site visit after regular meeting revealed that there may not be room in Central

Minutes – Land Preservation Advisory Board

September 9, 2020

Page 3 of 3

Meridian Uplands to mitigate wetland for the required area. Land bordering the privately owned wetland on the SE end of the property is the most suitable just from a site observation. More in-depth surveying will need to be completed before moving forward with this area as a candidate.

6. NEW BUSINESS

- A. Resolution supporting the ballot proposal to amend the Michigan Natural Resources Trust Fund
- B. Lake Lansing Park North Boardwalk and Path Improvements (Moved to line 5)D
 1. Memo from Ingham County Parks

7. STAFF REPORT

- A. Stewardship Coordinator
- B. Stewardship Workdays
 2. Lake Lansing North: Staff Member Campbell reports a successful workday carefully removing sparse invasive species from a large area of Lake Lansing North. There were 6 volunteers present along with Jim Hewitt, Steve Thomas.
 3. Ted Black Woods: Staff Member Campbell reports a successful workday removing larger patches of honeysuckle, autumn olive and Japanese barberry from Ted Black Woods with a total of 6 volunteers.

8. COMMENTS FROM THE PUBLIC - NONE

9. OTHER MATTERS AND BOARD MEMBERS' COMMENTS - NONE

10. ANNOUNCEMENTS

- A. Next Land Preservation Advisory Board Meeting: Wednesday, October 14, 2020, 6 pm, Meridian Service Center

11. ADJOURNMENT

CHAIR KIELBASO MOVED TO ADJOURN THE MEETING. Seconded by Board Member Lee.

VOICE VOTE: Motion carried unanimously.

The meeting adjourned at 6:54 pm.

September 3, 2020

Emma Campbell, Land Stewardship Coordinator
Meridian Township
5151 Marsh Rd.
Okemos, MI 48864

RE: Lake Lansing Park North – Boardwalk and Path Improvements
Ingham County, MI

Emma,

On behalf of Ingham County Parks, I am submitting the following request and information for approval.

The County is seeking permission to move forward with plans to provide an ADA accessible loop trail through the nature paths at Lake Lansing Park North. The existing boardwalks within the proposed loop would be replaced and the existing trails would be surfaced with crushed limestone. These improvements would provide accessible access for people of all abilities. The proposed trails primarily follow the existing nature trails but may need to be modified in some areas to provide accessible slopes. The project would provide a accessible loop trail through the nature paths at Lake Lansing Park North.

The boardwalks and paths are within the Conservation Easement area. The work is being done pursuant to Section IV.E. of the Permanent Conservation Easement Agreement between Ingham County and Meridian Township. The work will also respect the requirements of the Conservation Easement.

The County has submitted application for funding through the County Trails & Parks millage to provide the local match for DNR grants that will be applied for in April 2021. Due to the cost and funding constraints, the project has been broken into two phases. Each phase will apply for the grant funding at the same time utilizing different DNR grants programs the Trust Fund and the Land and Water Conservation Fund.

If all grants are awarded, planning, design and permitting will take place in 2022 with construction starting in spring of 2023.

Attached please find a conceptual site plan showing the proposed project, copies of the grant application from the County Trails & Parks millage grant program for each phase, detailed estimates for the proposed work and photographs.

September 3, 2020
Page 2 of 2

If you should have any questions, or need additional information please let us know. I can be reached at (989) 754-4717, or you can reach Tim Morgan, Ingham County Parks Director, at (517) 244-7191.

Sincerely,



Tanya M. Moore
Landscape Architect/Planner

SPICER GROUP, Inc.
230 S. Washington Ave.
Saginaw, MI 48607
(989) 754-4717
(989) 754-4440 fax
www.spicergroup.com
tanyam@spicergroup.com

cc: SGI file 126747SG2020
Tim Morgan, Ingham County Parks
Coe Emens, Ingham County Parks
Ian Londo, Ingham County Parks
Jane Greenway, Meridian Township

LAKE LANSING PARK NORTH BOARDWALK / TRAIL IMPROVEMENTS



Ingham County Parks
<http://pk.ingham.org>

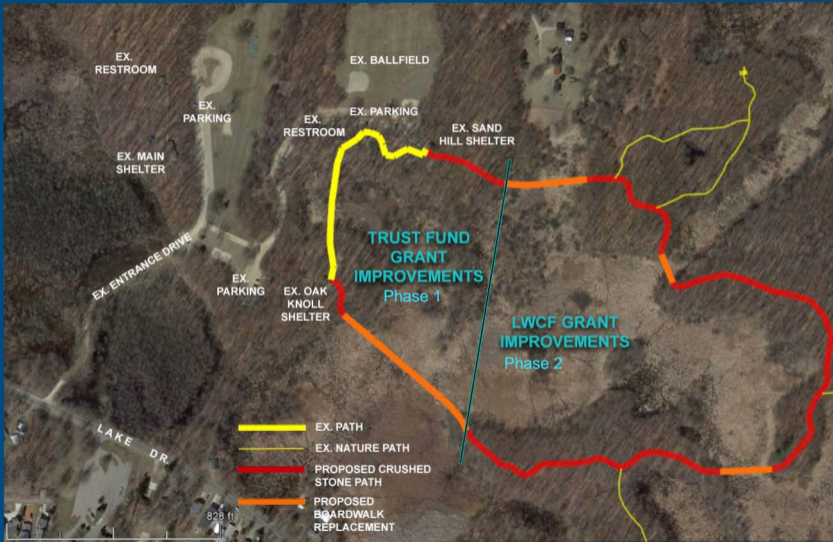


NOT TO SCALE

DATE: 7/21/2020
JOB # 124334SG2017

Spicer
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Ingham County Trails and Parks Program Application



Ingham County
Attn: Melissa Buzzard
P.O. Box 178
121 E. Maple Street, Suite 102
Mason, MI 48854

Trails and Parks Program Application

The overall goal of the Ingham County Regional Trails and Parks Millage Fund is to create and maintain a sustainable countywide system of recreation trails and adjacent parks within Ingham County. All Ingham County municipalities are eligible to apply. In addition, 501(c) (3) non-profit organizations may apply for grant funds so long as they partner with an Ingham County municipality which contributes tax dollars to the Trails and Parks Millage.

Funds must be matched by the local community with their own funds, or in-kind services, or funds obtained from other sources, i.e., state, federal, private or other allocations. Applications for County Trails and Parks Program funding must include a **resolution (s) of support** for the project from the governing body (ies) of the community where the trail project or blueways project is proposed. Eligible projects must fit the following categories: **small shovel ready projects up to a limit of \$300,000, planning and engineering for future projects.** **Preference will be shown to applications within these parameters, however all grant applications will be considered, even if they are not shovel ready or include future planning.**

Project applications must be received by **5:00pm July 31** for funding consideration in the following year. Projects deemed worthy of funding may be approved at the November Ingham County Board of Commissioners meeting. The following information will be used by the Ingham County Parks and Recreation Commission in determining and recommending which projects should be funded by the Board of Commissioners. Projects already locally approved and bid will not be eligible for millage funding.

APPLICANT			
Agencies:		Contact Person:	
Address:			
City:		State:	ZIP Code:
Phone:	Fax:	Email:	
PROJECT SUMMARY			
Project Title:			
Total Amount Requested: \$			
Distance of repaired/new construction in feet/miles:			
Trail/blue ways:	Boardwalk:	Bridge:	
<input type="checkbox"/> Shovel Ready	<input type="checkbox"/> Planning & Engineering	<input type="checkbox"/> Other Project	
<input type="checkbox"/> Small grant: Up to \$300,000 for municipalities contributing less than 5% of total county millage revenue annually. See Attachment A. * (Small grants will be scored separately)			

Ingham County Trails and Parks Program Application

If you have applied for *multiple projects*, please prioritize and rank your projects within each category from highest priority to lowest priority in each category:

Shovel Ready

Planning and
Engineering

Other Projects

Town, Range and Section Numbers of Site Location

(Town):

(Range):

(Section):

Brief Project Description (Provide a brief project description and why it should be funded. 250 word limit.)

Ingham County Trails and Parks Program Application

ESTIMATED COSTS/BUDGET		
<i>Provide each scope/budget item and how the budgeted amount was calculated, List amounts requested from local sources, state or federal grants as well as amounts from foundations, corporations, and other funding sources (in-kind support or other). Engineering amount generally not to exceed 15% of total project expenses. Contingency amount not to exceed 10%.</i>		
EXPENSES		
Scope Item(s):	Quantity	Amount
1-Acquisition/Right-of-Way/Easement/Permits		
2-Design Engineering		
3-Construction		
4-Construction Engineering		
5-Contingency		
6-Other		
7-Other		
Other Fees (i.e., Permitting, etc...)		
Total Project Expenses		\$ _____
Provide detailed cost estimate for Project		\$ _____
APPLICANT FUNDS		
<i>When municipalities apply for funding from the Ingham County Trails and Parks Millage using a local match, the match should represent new investment in land acquisition and trail development, as opposed to dollars spent in previous years.</i>		
<u>Local Contribution</u>		Amount \$ _____
<u>Other Grant Contributions</u>		
Name of Grantor(s)		Amount \$ _____ \$ _____
Name of Partner(s)		Amount \$ _____ \$ _____
Name of Donor(s)		Amount \$ _____ \$ _____
<u>In-Kind Support</u>		
Name of Organization	Description	Value \$ _____ \$ _____
<u>Other</u>		
		Amount \$ _____
Total Applicant Funds		\$ _____
*Millage Funds REQUESTED (does not count as match)		\$ _____
*This amount (Millage Funds Request) plus the Total Applicant Funds must equal Total Project Expenses		
Total % of matching Funds	%	_____ Match

Ingham County Trails and Parks Program Application

DESIGN/SCOPE OF THE PROJECT-(Attachments as needed)

Provide a (detailed) description of the project you are proposing, with reference to specific scope items. Describe the features of the project and all factors that affected your design or program. Describe how your design was chosen, and why it is appropriate for the proposed project. Use this opportunity to explain why you chose the type and placement of particular scope and design elements. Explain how your project design meets or exceeds standards. (If your project addresses a clearly identified item from the Ingham County Trails and Parks Comprehensive Report, please identify that with a reference to the report – page #, table #, or identifying marker (ie. Bridge # CL-01-SCT-SC)). (No minimum word count- attachments as needed).

Ingham County Trails and Parks Program Application

PROJECT INFORMATION & DETAILED DESCRIPTION *(as applicable)*

1. Describe in detail any other available funders and partners.

Your discussion should address whether your project has funding available through grants or partner contributions; has funding available through donations or in-kind services; and/or has funding available through local community match and what total percent of the project these all account for. This should be detailed on the Estimated Costs/Budget sheet also. Local agencies are required to list Ingham County Parks as a contact in TAP applications that propose Ingham County Parks Millage funding as part of their match. 250 word limit.

2. Discuss how the project is improving regional connectivity.

Your discussion should address how the project provides, supports and relates to the Ingham County regional priority corridors as depicted on Figure 24 of the Ingham County Regional Trails and Parks Network either as an existing trail repair/rehabilitation/long-term maintenance, new regional trail construction or new local trail access to the regional network (including enabling water trail access); improves access to Ingham County Parks; improves access to major regional destinations such as commercial and employment centers as well as community facilities, schools, colleges and universities; expands transportation options; provides for recreation; increases access to sites of natural, scenic or historic interest; and any other related information. 250 word limit.

Ingham County Trails and Parks Program Application

3. Describe how the project responds to public demand and has public support.

Your discussion should address how the project is based on public demand; has been prioritized in adopted plans; has volunteer and/or partner organization support; is a community interest project that supports partnerships, shared resources or coincides with other planning and development activities; has the support of multiple jurisdictions and/or stakeholders; and any other related information. 250 word limit.

4. Explain how the project meets acceptable design standards and is the best design solution.

*You must have on staff, or hire a Michigan licensed professional engineer or a landscape architect, and all construction (new or rehab) must be according to current MDOT standard and specifications for construction of trails, bridges, and boardwalks and any other support facilities. Trail repair and maintenance projects may not require an engineer or landscape architect. (Deviation from this requirement needs to be stated and explained. The County will review on a case by case basis). Any work in the road Right of Way, not just ped crossings, needs to meet applicable permit requirements. You must meet permit requirements for any pedestrian crossings of the given road agency— Michigan Department of Transportation (MDOT), Ingham County Road Department or whatever City your community is in. You must have the necessary/required permitting, be it public/road rights-of-way, local ordinance (township or municipality), environmental (Michigan Department of Environmental Quality-MDEQ), Drain office, etc. Your description should address how the project is physically separated from streets and roadways where possible; provides a variety of experiences that can be enjoyed by a diversity of users, including people of all ages and abilities; meets or exceeds the minimum accessibility requirements of the ADA; design alternatives to the project have been examined to minimize impact on the environment; meets AASHTO guidelines for alignment, grade, width, vertical clearance, and loading intersection and crossing design (deviation from AASHTO guidelines need to be stated and explained. The County will review on a case by case basis.); considers low impact development techniques that protect and enhance significant natural features; and any other related information. **Please review Attachment B- BOC Resolution #18-054 for design standard clarification.** 250 word limit.*

Ingham County Trails and Parks Program Application

5. Explain how the project is feasible and ready for implementation or development.

Your discussion should address whether your project area is under public ownership or is currently accessible for public use; does not require complex or lengthy acquisition process; does not require a complex or lengthy permitting process; is within an existing corridor such as a transmission line and railroad corridor where it may be feasible to negotiate public access without needing to acquire land; there is an imminent threat to lose the project opportunity; demonstrates cost efficiency; and/or is appropriate and in line with available funds. 250 word limit.

6. Discuss how the project supports equitable opportunities.

Your discussion should address how your project increases or improves access and provides low cost transportation and recreation options for low income populations; is located in a high use area; is located in an underserved area; and/or contributes to an equitable geographical distribution of the millage funds. 250 word limit.

Ingham County Trails and Parks Program Application

7. Maintenance Commitment & Plan

Describe your operation and maintenance plan (with budget costs) detailing the amount of money needed to operate and maintain the trail after it is completed, and identify who will be responsible for the work. Describe in detail how the trail will be managed. Include discussion on season length, hours of operation, enforcement provisions, and scheduling. 250 word limit.

Ingham County Trails and Parks Program Application

ATTACHMENTS - REQUIREMENTS

1. Project Location Map & Photos. *Attach a project location map and site photographs (clearly identify photos and locations in correlation with your location map).*
2. Site Plan. *The site plan must show the entire site to be improved/developed, and should delineate and label the location and type of all existing and proposed uses. Features such as wooded areas, wetlands, water bodies, overhead utility lines, and all existing uses, including buildings and other development, need to be identified. The placement of all scope items proposed in the application should be depicted on the site plan. Indicate on your site plan the destinations to which the proposed trail project will connect. Provide a map of the trail network (existing or proposed) to which your project will link.*
3. Documentation of Other Funding Sources. *You must provide documentation for all the funding sources you indicated on your application form, as outlined in Attachment C.*
4. Certified Resolution. *The governing body of the local unit of government must pass a resolution. The resolution should list and commit to the amount of the local match in terms of dollar amount or percentage of total project cost, and all source(s) of match as specified in the application. (This may be obtained and submitted after submission of the application if timing is an issue, but must be before the date of the award by the BOC).*
5. After the award, and during construction, entities must display temporary millage recognition signage on site of projects provided by the County. Once complete, must display a permanent recognition plaque on site also provided by the County.
6. After completion of the project, entities must agree to participate in the County wide wayfinding signage plan.

CERTIFICATION

Signature of Applicant:

Date:

Ingham County Trails and Parks Program Application



Ingham County
Attn: Melissa Buzzard
P.O. Box 178
121 E. Maple Street, Suite 102
Mason, MI 48854

Trails and Parks Program Application

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Ingham County Trails and Parks Program Application

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Ingham County Trails and Parks Program Application

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Ingham County Trails and Parks Program Application

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Ingham County Trails and Parks Program Application

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Ingham County Trails and Parks Program Application

7. Maintenance Commitment & Plan

Describe your operation and maintenance plan (with budget costs) detailing the amount of money needed to operate and maintain the trail after it is completed, and identify who will be responsible for the work. Describe in detail how the trail will be managed. Include discussion on season length, hours of operation, enforcement provisions, and scheduling. 250 word limit.

Ingham County Trails and Parks Program Application

ATTACHMENTS - REQUIREMENTS

1. Project Location Map & Photos. *Attach a project location map and site photographs (clearly identify photos and locations in correlation with your location map).*
2. Site Plan. *The site plan must show the entire site to be improved/developed, and should delineate and label the location and type of all existing and proposed uses. Features such as wooded areas, wetlands, water bodies, overhead utility lines, and all existing uses, including buildings and other development, need to be identified. The placement of all scope items proposed in the application should be depicted on the site plan. Indicate on your site plan the destinations to which the proposed trail project will connect. Provide a map of the trail network (existing or proposed) to which your project will link.*
3. Documentation of Other Funding Sources. *You must provide documentation for all the funding sources you indicated on your application form, as outlined in Attachment C.*
4. Certified Resolution. *The governing body of the local unit of government must pass a resolution. The resolution should list and commit to the amount of the local match in terms of dollar amount or percentage of total project cost, and all source(s) of match as specified in the application. (This may be obtained and submitted after submission of the application if timing is an issue, but must be before the date of the award by the BOC).*
5. After the award, and during construction, entities must display temporary millage recognition signage on site of projects provided by the County. Once complete, must display a permanent recognition plaque on site also provided by the County.
6. After completion of the project, entities must agree to participate in the County wide wayfinding signage plan.

CERTIFICATION

Signature of Applicant:

Date:

**PRELIMINARY ESTIMATE OF COST
LAKE LANSING PARK NORTH - BOARDWALK REPLACEMENTS
INGHAM COUNTY, MI**

Phase I - Trust Fund Grant	\$581,500.00
Phase II - Land & Water Conservation Fund Grant	\$600,000.00
GRAND TOTAL FOR ALL AREAS	\$1,181,500.00
<u>Non-DNR Grant Funded Expenses</u>	
Topographical Survey	\$15,000.00
GRAND TOTAL FOR ENTIRE PROJECT	\$1,196,500.00

	<u>Grant Funds</u>	<u>Trails & Parks Millage</u>	<u>Total Project Cost</u>
<u>Phase I MNRTF GRANT:</u>	\$300,000	\$281,500	\$581,500
Match Percentage:	(52%)	(48%)	
<u>Phase 2 LWCF GRANT:</u>	\$300,000	\$300,000	\$600,000
Match Percentage:	(50%)	(50%)	
<u>OTHER COSTS:</u>			
Topographical Survey		\$15,000 *	\$15,000
PROJECT TOTALS:	\$600,000	\$596,500	\$1,196,500

* \$7,500 each allocated to Phase I and Phase II

Local Match / Funding Sources:

Ingham County T&P Grants: \$596,500

**PRELIMINARY ESTIMATE OF COST
LAKE LANSING PARK NORTH - BOARDWALK REPLACEMENTS
INGHAM COUNTY, MICHIGAN**

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
<u>PHASE 1 TRUST FUND GRANT</u>					
1.	1	Lump Sum	Soil Erosion and Sedimentation Control	\$11,700.00	\$11,700.00
2.	1	Lump Sum	Site Preparation/Excavation/Rough Grading	\$15,200.00	\$15,200.00
3.	4,080	Sq. Ft.	Remove Ex. Boardwalk	\$2.00	\$8,160.00
4.	5,440	Sq. Ft.	Boardwalk #1, complete replacement	\$55.19	\$300,240.00
5.	600	Lin. Ft.	Crushed Stone Path	\$30.00	\$18,000.00
6.	1	Each	Electric Gate	\$26,000.00	\$26,000.00
7.	1	Each	Electrical Service & Controls	\$25,000.00	\$25,000.00
8.	1	Each	Entrance Sign	\$22,000.00	\$22,000.00
10.	1	Lump Sum	Landscaping (Native Plantings)	\$7,000.00	\$7,000.00
11.	1	Lump Sum	Site Restoration & Cleanup	\$12,700.00	\$12,700.00
12.	1	Each	DNR Recognition Plaque	\$300.00	\$300.00
13.	1	Lump Sum	Construction Staking & Material Testing	Allowance	\$9,400.00
SUBTOTAL					\$455,700.00
Contingency					\$45,600.00
Engineering (15%)					\$75,200.00
PROJECT SUBTOTAL					\$576,500.00
Other Costs:					
Survey					\$7,500.00
Permits					\$5,000.00
TOTAL PRELIMINARY ESTIMATE OF COST					\$589,000.00

**PRELIMINARY ESTIMATE OF COST
LAKE LANSING PARK NORTH - BOARDWALK REPLACEMENTS
INGHAM COUNTY, MICHIGAN**

Item No.	Estimated Quantity	Unit	Description	Unit Price	Amount
<u>PHASE 2 - LAND & WATER CONSERVATION FUND GRANT</u>					
1.	1	Lump Sum	Soil Erosion and Sedimentation Control	\$6,200.00	\$6,200.00
2.	1	Lump Sum	Site Preparation/Excavation/Rough Grading	\$11,600.00	\$11,600.00
3.	4,860	Sq. Ft.	Remove Ex. Boardwalk	\$2.00	\$9,720.00
4.	3,600	Sq. Ft.	Boardwalk #2, complete replacement	\$55.16	\$198,580.00
5.	1,120	Sq. Ft.	Boardwalk #3, complete replacement	\$55.00	\$61,600.00
6.	1,760	Sq. Ft.	Boardwalk #4, complete replacement	\$55.00	\$96,800.00
7.	3,000	Lin. Ft.	Crushed Stone Path	\$25.00	\$75,000.00
8.	1	Each	Recycled Plastic Bench	\$1,500.00	\$1,500.00
9.	1	Lump Sum	Landscaping (Native Plantings)	\$2,000.00	\$2,000.00
10.	1	Lump Sum	Site Restoration & Cleanup	\$4,100.00	\$4,100.00
11.	1	Each	DNR Recognition Plaque	\$300.00	\$300.00
12.	1	Lump Sum	Construction Staking & Material Testing	Allowance	\$5,000.00
SUBTOTAL					\$472,400.00
Contingency					\$47,200.00
Engineering (15%)					\$77,900.00
PROJECT SUBTOTAL					\$597,500.00
Other Costs:					
Permits					\$2,500.00
Survey					\$7,500.00
TOTAL PRELIMINARY ESTIMATE OF COST					\$607,500.00

**Lake Lansing North Park
Existing Conditions**



Left: Existing dirt path trail is not ADA accessible.



Above right and immediate left:
Typical condition of boardwalk
planks – deteriorated and
heaved, with gaps that are a trip
and fall/safety concern.

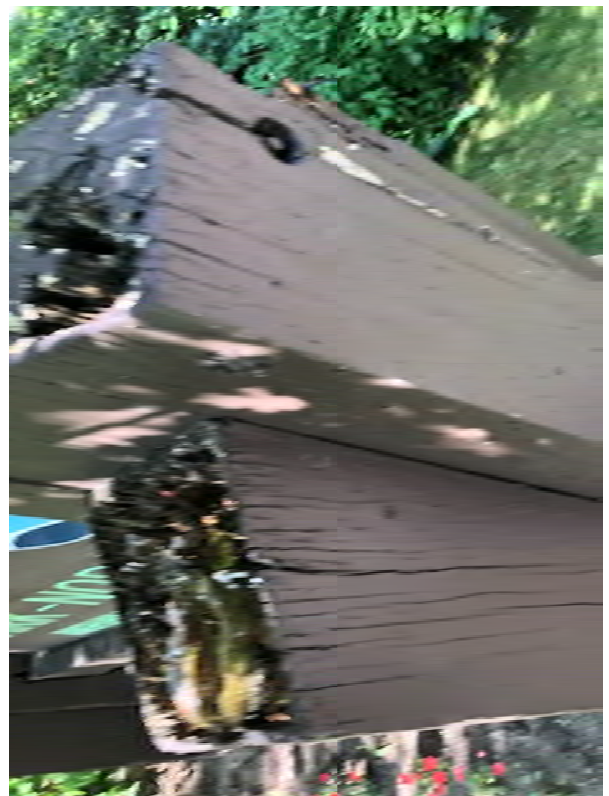


Many of the boardwalk support posts and beams are split and broken, causing the boardwalk to sink.





Above Left: Missing and heaved boardwalk planks are a safety hazard. Above Right: Deteriorated boardwalk planks. There are no existing curbs or bumpers on the boardwalk, causing a potential roll-off hazard for wheelchair users. Below: Deteriorated entrance sign.





The support posts at the base of the entry sign are deteriorated to the point that the sign is in danger of collapsing.



The existing manual entry gate will be replaced with an electric gate as part of Phase I at Lake Lansing North. The new gate will allow for electronic/remote operation.



The existing manual entry gate will be replaced with an electric gate as part of Phase I at Lake Lansing North. The new gate will allow for electronic/remote operation.

**RESOLUTION SUPPORTING THE BALLOT PROPOSAL TO
AMEND THE MICHIGAN NATURAL RESOURCES TRUST FUND**

At a regular meeting of the Land Preservation Advisory Board of the Charter Township of Meridian, Ingham County, Michigan, hosted online amidst the COVID-19 pandemic, on Wednesday, October 14, 2020 at 6:00 p.m.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, the Michigan Natural Resources Trust Fund (MNRTF) has funded public land acquisition and recreation projects with royalties from oil, gas and minerals from public lands in all eighty-three counties in the state since its founding in 1976; and

WHEREAS, projects supported by the MNRTF help Michigan communities protect the state's lakes, streams, lands and wildlife habitats and build recreational facilities for the enjoyment of Michigan residents and visitors, with economic, quality-of-life and public health benefits; and

WHEREAS, every Michigan resident is within a one-hour drive of a state park or recreation area, which are critical contributors to Michigan's \$25.7 billion tourism industry that supports 237,733 direct jobs; and

WHEREAS, Meridian Township's Land Preservation Program has received nearly \$2,500,000 of Michigan Natural Resources Trust Fund Grants for the acquisition of the Ponderosa Land Preserve and the Conservation Easement for Lake Lansing North; and has received nearly \$3,000,000 of Michigan Natural Resources Trust Fund Grants for acquisition of and the Ponderosa Land Preserve; and

WHEREAS, the Michigan Legislature unanimously voted to remove the accumulated principal limit on the MNRTF once the State Park Endowment Fund reaches its accumulated principal limit of \$800 million, add "renovation and redevelopment" alongside "development" as an allowable use for MNRTF dollars, and change the percentage of funds made available for these projects from a maximum of 25% to a minimum of 25% to match the percentage available for land acquisition projects; and

WHEREAS, Michigan voters will now have the opportunity to approve these changes in the 2020 general election, thus amending Article IX, Section 35 and 35a of the Michigan Constitution; and

NOW, THEREFORE, BE IT RESOLVED THAT MERIDIAN TOWNSHIP PARK COMMISSION, INGHAM COUNTY, MICHIGAN supports the ballot question placed before voters in the 2020 general election to update and expand the MNRFT, guaranteeing investment in conservation and

outdoor recreation for generations to come, protecting our natural resources and invigorating our local economies.

YEAS: _____

NAYS: _____

Resolution declared adopted.

STATE OF MICHIGAN)

) ss.

COUNTY OF INGHAM)

I, the undersigned, **DO HEREBY CERTIFY** that the foregoing is a true and complete copy of proceedings taken by the Meridian Township Park Commission at a regular meeting held virtually online on Wednesday, October 14, 2020.

Jim Kielbaso, Land Preservation Advisory Board Chair

August 9, 2020

To Whom it May Concern,

I am interested in applying to be a member of the Meridian Township Land Preservation Board. I first became acquainted with the board when they purchased the Foster- Davis property next to our house. I was intrigued by the idea of buying local properties and improving them as green spaces for the local community. My husband and I have been trying to improve our 12 acres by planting native trees, shrubs, plants, and prescribed burning. This fall we have plans to seed a section with native Michigan plants as well as planting 30 native trees and 30 native shrubs.

As you can see from my resume, I have been working as a small animal veterinarian for 29 years. My husband and I had just gotten back from an international trip when the lock down began so we self-quarantined for 2 weeks. Because of the type of work I do (I work part time as well as relief where I fill in at other clinics) and the travel involved with it, I decided the best thing for my own health and my husband's would be to take some time off. At this point I plan on taking at least a year off and may decide to fully retire.

Right now, I would like to fill my schedule with other projects and would love to be a part of the Meridian Township Land Preservation Board. I have the experience of working on my own property and the skills from my career as a veterinarian which include communication and a strong educational background with the ability to research and learn new things. I am also passionate about the environment and would like to help preserve and improve the land in our community.

Thank you for your time and consideration.

Sincerely,

Kris Parnell

KRIS PARNELL
5204 Van Atta Road
Okemos, MI 48864
(517) 881-2845
klparnelldvm@comcast.net

OBJECTIVE To utilize my skills and interests in various volunteer opportunities

EDUCATION *Doctor of Veterinary Medicine*, June 1991
Michigan State University, East Lansing, Michigan

Bachelor of Science, June 1987
Michigan State University, East Lansing, Michigan

HONORS Michigan Competitive Scholarship Recipient
Dean's List for Four Terms

**VETERINARY
EXPERIENCE**

Relief Veterinarian (February 1993 to present)

Associate Veterinarian (April 1993 through February 1994)
Dr. S. Lawrenchuk
Westland Animal Hospital
Westland, Michigan
Duties included office calls, routine and non-elective surgeries,
dentals, as well as implemented an OSHA program for the clinic.

Associate Veterinarian (May 1992 through April 1993)
Dr. J. Feld
West Oaks Veterinary Clinic
Novi, Michigan
Duties included office call, routine and non-elective surgeries, and
dentals.

Associate Veterinarian (July 1991 through April 1992)
Dr. D. Thoma and Dr. R. Coolman
St. Joe Center Veterinary Hospital
Fort Wayne, Indiana
Duties included office calls, routine and non-elective surgeries,
and dentals.

Extern (September 30 through October 27, 1990)

Dr. J. Heideman

All Pets Center

Grand Junction, Colorado

Duties included elective and non-elective surgeries, office calls, client communication, and assisting with emergencies.

**PROFESSIONAL
MEMBERSHIPS**

Michigan Veterinary Medical Association (July 1993 to present)

American Veterinary Medical Association (June 1991 to present)

Student Chapter of the American Veterinary Medical Association (September 1987 to June 1991)

**CONTINUING
EDUCATION**

North American Veterinary Conference

1/11/92- 1/16/92; 1/15/94- 1/20/94; 1/14/95- 1/18/95; 1/11/97-
1/15/97; 1/10/98- 1/14/98; 1/9/99- 1/13/99; 1/15/00- 1/19/00;
1/13/01- 1/17/01; 1/12/02- 1/17/02; 1/8/05- 1/12/05; 1/7/06-
1/11/06; 1/13/07- 1/17/07; 1/19/08- 1/23/08; 1/17/09- 1/21/09;
1/14/12- 1/18/12; 1/18/14-1/22/14; 1/16/16-1/20/16; 2/4/17-
2/8/17; 2/3/18-2/7/18; 1/19/19-1/23/19; 1/18/20-1/22/20

Orlando, Florida

American Animal Hospital Association Conference

March 12-15, 2015

Tampa, FL

Midwest Veterinary Conference

February 21-24, 2013

Columbus, OH

American Animal Hospital Association and Ontario Veterinary Medical Association Conference

March 24-27, 2011

Toronto, ON

Michigan Veterinary Medical Conference

January 27-30, 1991; January 25-28, 1996

Lansing, MI