



CHARTER TOWNSHIP OF MERIDIAN  
PARK COMMISSION  
TUESDAY MARCH 14, 2017  
MERIDIAN TOWN HALL ROOM

**REGULAR MEETING – 6 PM**

1. **Call Meeting to Order**
2. **Approval of Agenda**
3. **Presentations** (goldenrod/6-7:30 pm)
  - a. Friend of the Park Ceremony  
(Recess)
4. **Public Comment**
5. **Public Hearing** (green) (8:00pm)
  - a. 2017 Grant Applications:
    1. Riverside Accessible Restroom at Meridian Riverfront Park/Harris Nature Center
    2. Riverside Accessible Waterless Restroom at Meridian Riverfront Park/Harris Nature Center
6. **Commissioner Reports and Comments**
7. **Approval of Minutes** (blue)
  - a. February 14, 2017 Work Session Meeting Minutes
  - b. February 14, 2017 Regular Session Meeting Minutes
8. **Communications** (tan)
9. **Director's Report**
10. **New Business** (pink)
  - a. Resolution of Support for 2017 Grant Application - Riverside Accessible Restroom at Meridian Riverfront Park/Harris Nature Center
  - b. Resolution of Support for 2017 Grant Application - Riverside Accessible Waterless Restroom at Meridian Riverfront Park/Harris Nature Center
  - c. Nekoma Drain Easement Approval – Hillbrook Park
11. **Final Comments**
12. **Announcements**
  - a. Park Commission Next Meeting – Tuesday, April 11, 2017
  - b. Farmers' Market –Saturdays, 10 am-2 pm, JC Penny corridor (March 18, April 1 & 15)
  - c. Introduction to Vernal Pools, Saturday, March 25, 2017, 10 – 11 am, Town Hall Room, Meridian Municipal Building

*Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Park Commission by writing or calling the following: Township Manager Frank Walsh, 5151 Marsh Road, Okemos, MI 48864-1198 (517-853-4250) - Ten days notice required.*

**13. Public Comment**

**14. Adjournment**

*Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Park Commission by writing or calling the following: Township Manager Frank Walsh, 5151 Marsh Road, Okemos, MI 48864-1198 (517-853-4250) - Ten days notice required.*

# Park Commission Meeting

## March 14, 2017

### 3. PRESENTATIONS

- a. Friend of the Park Ceremony

## 2016 Parks and Land Preserve Volunteers

The support and engagement from residents and organizations in parks and recreation programs is just one more element contributing to the greatness of our community. The giving of time, money, and knowledge continue to strengthen the ties between residents, businesses and government.

|                                |   |
|--------------------------------|---|
| Layne Cameron                  | Provided stewardship activities Red Cedar Natural Area and Meridian Riverfront Park   |
| Haslett Beautification Assoc.  | Planted and maintained the Marshall Park sign and Haslett green spaces (Teri Banas, Chris Decker)   |
| Meridian Garden Club           | Planted and maintained gardens in the Historical Village, the gardens in front of the Municipal Building and Claire Twohy Memorial Garden in Central Park; donated and planted an Arbor Day tree in Village near the pond with a plaque; broke ground for the Plant it Pink Garden (Madeline Masterson, President)  |
| Martha Hentz/Chris Buck Family | Hartrick Park: donated and planted flowers at Hartrick Park around flagpole and sign, trash pick-up (Martha Hentz, Chris, Evan, & Phillip Buck)   |
| Steve DeBrabander              | cleared and maintained trails in Brattin Woods  |
| Eckhart Dersch                 | Provided reports on Ferguson, Wonch, Central, North Meridian Road Parks to identify needed maintenance  |
| Eagle Scout Clayton Carmichael | Constructed boardwalk in North Meridian Road Park   |
| Eagle Scout Robert McQuaid     | Constructed concrete slab and privacy fence around the recycling area at the Harris Nature Center   |
| Eagle Scout Gage VanOrder      | Constructed handicap accessible overlook in Ted Black Woods   |
| Love A Park Day                | April 23, 2016<br>Nancy Moore – Haslett Scouts #265 Roger and Nancy Smith, and neighbors<br>Hillbrook Park – Haslett Kiwanis Club, Bobby Dubyne, neighbors and Park Commissioner Phil Deschaine<br>Harris Nature Center – Okemos Kiwanis Club, Haslett-Okemos Rotary Club, Treasurer Julie Brixie, Meridian Democrats<br>Hartrick Park – Martha Hentz and Chris Buck<br>Sander Farm – Larry Hennessy<br>Forest Hills Natural Area – Forest Hills Neighborhood Association |
| Ellen Passage                  | Maintained Paul Peterson memorial at Nancy Moore Park   |

|   |  |
|---|--|
| Larry Hennessey   | Cleaned and monitored the bluebird boxes in Sander Farm Preserved Natural Area and Tacoma Hills Natural Area.  |
| Forest Hills Homeowners Association Members   | Cleaned Forest Hills Natural Area (Cecelia Kramer)   |
| Consumers Energy  | Donated and planted \$1,000 worth of trees as part of their Right Tree Right Place program (Rebecca Wildenthal)  |
| Arlene Friedland  | bench donation in memory of Judge Irvin J Friedland to be installed on pathway between Park Lake Road and Okemos Road (installed in 2017)  |
| Jennifer & Tom Taylor   | \$1,000 donation toward mural in memory of Sandra Machtel to be created and installed as part of 2017 Celebrate Meridian event and \$2,000 donation toward the purchase of dog agility equipment for the upcoming Doggie Playground in Central Park. |
| Mid-Michigan Republican Women's Club  | donated tree and plaque in memory of Virginia White to be planted in the Meridian Historical Village (installed in 2017 Mary Lou Gifford)  |
| Lansing Oar and Paddle  | Continued stewardship of the Red Cedar River. (Jay Hanks, Rich Bailey, George Stockman, Don Potter, John Flaherty, and Tony Kuhlman)   |
| Maria Ibarra  | Planted mums and spread mulch at Ferguson Park and Okemos Library  |
| Shirley Smith   | Planted mums and spread mulch at Wonch Park  |
| Steve Thomas and Family, Sower Woods Neighbors  | Sower Woods Land Preserve Maintenance<br>Throughout the year maintained Sower Woods by removing invasive species and planting native forbs   |
| Frank Hatfield, Sylvan Glen Neighborhood Association, Lisa and Phil Bonney, Kay Trosko, Margaret Frankhauser, Gerald and Barb Zuker, Larry Robbins, Margo Smith, Holland Family | Removed invasive Autumn Olive from Red Cedar Glen  |
| Haslett Elementary Grand Learning Network   | Davis Foster Seed Ball Project – 90 students enhanced the grassland at Davis Foster by creating native seed balls  |

|  |   |
|--|---|
| Dave Caszatt<br>Donald Dickman, Nick Sanchez<br>Sandy Davis, Cathie and<br>Max Lindquist, Dave Wearsch,<br>Margo Smith, Frank Hatfield,<br>Rick Loftus, Matt, Frank and Charlotte Jones,<br>Haslett Scout Troop 265,<br>Mary and Adriana Flores, David Dietz,<br>Mary Fielding, Mark and Paula Frantz,<br>Hector, Paul, Rick | Towar Woods Preserve: Cleared invasive plants, planted trees, conducted activities to reduce deer damage to trees   |
| Bennett Woods Elementary   | 120 Students planted a Monarch Way Station at Hartrick Park and also picked the invasive species Garlic Mustard   |
| Chippewa Middle School   | 75 students helped weed Hartrick Park and grew flowers for the monarch garden and also helped plant the flowers   |
| Julie Taliber and<br>Dave Reicosky   | Helped with the initial planting and then maintained the Monarch Way Station Hartrick Park for the whole summer   |
| Deer Management Program  | Aaron Rustad, Alan Franklin, Andrew Taylor, Austin Cole, Ben Cummings, Billy Haskins, Brian Watts, Bruce Bussing, Cam Haskins, Casey Carnahan, Chad Cannon, Chad Houck, Charles Otlewski, Christopher Wilcox, Colan Adams, Dan Smith, Dave Hendersen, Glenn Thomas, Jack Shull , James Hurst Jr., Jay Graham, Jeff Neilson, Jeffrey Speer, Jeremy Kapalla, Jonathon Mayes, Justin Cook, Ken Phinney, Kenneth Plaga, Kent Brainbridge, Kim Emery, Kirk Schalau, Kyle Cook, Larry Harb, Layne Cameron, Lee Colony, Margaret Delong, Marvin Johansen, Matthew Cuthbert, Matthew Delong, Matthew Foreman, Matthew Prinz, Matthew Solit, Matthew Wesener, Max Miller, Michael Ellis, Michael McDonald, Michael Mead, Michael Pemble, Michael Reilly, Mike Kingsley, Mike Marinez, Nicholas Hallenbeck, Nicholas Jugan, Ray Nachreiner, Robbie Pairolero, Robert Alexander, Robert Fortino, Roger Cook, Ryan Brzak, Ryan Holem, Scott, Davis, Scott Goldammer, Scott Vercruysse, Steve Potvin, Steven Busch, Stephen Moore, Thomas Forton, Thomas Porter, Thomas Taylor, Timothy Swartz, Tom Cannon, Trevor Arnold, Zachary Archibald |
| Leslie Kuhn & Jim Hewitt   | Treated invasive species across the township; garlic mustard, phragmites and knotweed. Mapping/permitting/owner contacts and treatment  |
| Gene Wasserman   | Maintenance, monitoring and reporting of Bluebird boxes in Meridian Riverfront Park and Hartrick Park   |
| Patrick & Michelle Allen   | Geocache liaisons for the parks – monitoring caches that have been placed in the parks  |

|   |  |
|---|--|
| Georganne Withey  | Fitness Over-50 Program Coordinator at the Meridian Mall   |
| MSU Educating Student<br>Athletic Trainers In Medicine<br>(ESTIM) | Meridian Township Family Winter Sports Weekend Polar<br>Bear 5K Race on January 24, 2016 (8 volunteers)  |
| Kiwanis Club of Okemos  | solicited gift cards from local businesses for the HNC Foundation<br>(approximately \$500 value; Larry Bacon, Al Wood, Dick Witter, Arnie<br>Johnson, Paul Marttila)<br>And \$400 to Youth Recreation Sponsorship Fund   |
| Kelly Colflesh  | Assisted with maintenance around the Central Park pond to improve<br>fishing access and provided assistance with annual fishing events   |
| Brian Van Order<br>Michigan Demolition and<br>Excavation, Inc.    | Contributions of time, expertise, equipment for many park<br>projects  |
| Joe Pennoni<br>Rapid Tree Removal                                 | Contributions of time, expertise, equipment for many park<br>projects  |
| Harris Nature<br>Center Foundation                                | Fundraising efforts for the Harris Nature Center (Jim Buscetta;<br>June Hicks; Barb Kissling; Julie Moore; Patty Robbins; Nora<br>Thompson; Roxanne Truhn)   |
| Friends of Historic Meridian                                      | Outstanding efforts toward growth and sustainability of the Meridian<br>Historical Village and for providing meaningful and educational<br>programs and community events for youth and families; (Jane Rose,<br>Executive Director)  |
| Meridian Senior Center<br>Advisory Board                          | Provide input, direction and program support for the Meridian<br>Senior Center (Peggy Frisch/President; Jack Whitmyer/Vice President;<br>Betsey Bricker; Richard Fox; Gen Healy; Carol Rousch; John Wills)   |
| Edgewood Village  | 2016 Towar Summer Playground Program (\$1,000)   |
| Fireworks Celebration<br>Contributors                             | Meijer - \$2,000 (Terry Cole, Cindy Nunn, Chris Wilson/Okemos<br>Store)<br>Meridian Plumbing - \$1,000 (Craig Phillipich)<br>The Harkness Law Firm PLLC - \$1,000 (Cullen Harkness)<br>Culvers Butterburgers & Frozen Custard - \$1,00 (Cory Chavala)<br>Eastside Tax and Accounting, LLC – \$250 (Thomas Johnson)<br>Okemos Animal Hospital - \$250 (Nydia Alfonso)<br>Ingham County Medical Care Facility and Rehabilitation Center - \$250<br>(Karen Webster) |

Brian Beauchine

Youth Recreation Sponsorship Program (\$407)

To honor of all our 2016 park volunteers, a tree will be planted in the Meridian Historical Village with a plaque thanking them and a QR Code to our website that shows all the volunteer projects for that year. This is the fourth year for this type of recognition.

### 2016 VOLUNTEER TOTALS

|                             | <u>VOLUNTEERS</u> | <u>HOURS</u>  | <u>VALUE</u><br><u>(@\$23.56/hr)</u> |
|-----------------------------|-------------------|---------------|--------------------------------------|
| Parks/Land Preserves        | 453               | 5,413         | \$127,530                            |
| Recreation                  | 432               | 19,347        | \$455,815                            |
| Harris Nature Center        | 198               | 1,225         | \$28,861                             |
| Meridian Historical Village | 68                | 1,792         | \$42,220                             |
| Meridian Senior Center      | 31                | 1,323         | \$31,170                             |
| Deer Management Program     | 73                | 3,000         | \$70,680                             |
| <b>2016 TOTALS</b>          | <b>1255</b>       | <b>32,100</b> | <b>\$756,276</b>                     |

Park Commission Meeting  
March 14, 2017

7. MINUTES

- a. February 14, 2017 Work Session Minutes
- b. February 14, 2017 Regular Meeting Minutes

CHARTER TOWNSHIP OF MERIDIAN  
PARK COMMISSION WORK SESSION MINUTES  
TUESDAY, FEBRUARY 14, 2017

PRESENT: Commissioners Lick, McDonald, Schaetzl, Stephens

EXCUSED: Commissioner Baker

STAFF: Parks and Recreation Director LuAnn Maisner; Parks and Recreation  
Administrative Assistant II Robin Faust

**1. Call Meeting to Order**

Chair McDonald called the work session to order at 6:04 pm

**2. Approval of Agenda**

COMMISSIONER STEPHENS MOVED, COMMISSIONER SCHAETZL  
SECONDED, TO APPROVE THE AGENDA AS PRESENTED. Voice vote.  
Motion passed.

**3. 2017 Grant Proposals**

In February, the Park Commission voted to begin completing grant applications for two projects: Restroom Building at Harris Nature Center; and Pickleball courts, playground and parking lot at Towner Road Park. Since then, the bid opening occurred for construction of Towner Road Park with very favorable results. Staff is recommending that the pickleball courts be awarded with the construction contract. Staff is now recommending the following projects for grant consideration in 2017:

**2017 GRANT APPLICATION RECOMMENDATIONS:**

**1. Harris Nature Center – Pavilion**

This project proposes to construct a pavilion near the Harris Nature Center building in Meridian Riverfront Park. The pavilion may include an upper level that will provide opportunity for wildlife observation and star gazing. A pavilion will serve as a vital amenity along the recently established Red Cedar Water Trail

**2. Harris Nature Center – Waterless Restroom**

The Harris Nature Center staff have been requesting an outdoor restroom for many years to accommodate the large number of visitors. Park restrooms are also identified and supported in our Parks and Recreation Master Plan. Staff is researching the different types of restroom building options.

Grant applications are due to the DNR by April 1, 2017 therefore, the public hearing will need to take place during the March 14, 2017 regular meeting of the Park Commission.

#### **4. Vernal Pool Mapping**

Director Maisner reported Yu Man Lee presented this project to the Land Preservation Board about land areas that retain water but later dry out and they want to map what is living in the area. The Michigan Natural Features Inventory staff wants to map these areas in township. The Land Preservation Advisory Board approved \$2,500 to proceed with mapping and volunteer training. For the park areas, Staff is recommending awarding \$500 for mapping services in our parks.

#### **5. 5 - Year Parks and Recreation Plan 2017-2021**

Director Maisner reported Doug Schultz will be making the presentation during the regular meeting and later in the meeting a resolution of approval is available for consideration. Staff has received a few items of communication that were included in the January meeting packet and will be acknowledged during the public hearing. Staff believe an important element is to implement placemaking ideas to make our parks fun with unique features.

Discussion:

- Want to elicit memories and thoughts such as a re-creation of Stonehenge, signage with its history
- Unique areas to sit like an area with tall pencils to do journaling in
- Suggest taking pictures of unique features or ideas to share with the Parks and Recreation Department and Park Commission.
- Use a parking space to create a bike parking area during warm weather
- Giant Adirondack chairs for adults to sit in
- Dog shape or bone shape bike rack at our dog park
- Referenced movie "Up" having stationery with balloons with house structure, would appeal to all ages, clear glass balloons

#### **6. Friend of the Park Ceremony in March**

Commissioners discussed the ceremony in March, will have hotdogs and fixings like last year followed by a regular meeting with the public hearing on the grants. Gift suggestions such as a volunteer vest as an identifier working in the parks or a rain coat to every day, window slick, t-shirts (check with Mya at DNR). Volunteers love to talk about what they do in the park.

#### **7. Comments**

None

**8. Adjournment**

Hearing no objections, Chair McDonald adjourned the work session at 6:55 pm.

CHARTER TOWNSHIP OF MERIDIAN  
PARK COMMISSION REGULAR MEETING MINUTES  
TUESDAY, FEBRUARY 14, 2017

PRESENT: Commissioners Lick, McDonald, Schaetzl, Stephens

EXCUSED: Commissioner Baker

STAFF: Parks and Recreation Director LuAnn Maisner; Parks and Land Management Coordinator Jane Greenway; Parks and Recreation Administrative Assistant II Robin Faust

**1. Call Meeting to Order**

Chair McDonald called the meeting to order at 7:01 pm.

**2. Approval of Agenda**

Addition of #3b Final Eagle Scout Project Presentation of the Harris Nature Center Recycling Area by Eagle Scout Candidate Robert McQuaid.

COMMISSIONER STEPHENS MOVED, COMMISSIONER LICK SECONDED, TO APPROVE THE AGENDAS AS AMENDED Voice vote. Motion passed.

**3. Presentations**

**a. Vernal Pool Mapping**

Director Maisner introduced Conservation Scientist Yu Man Lee on the Vernal Pool Mapping Project in the Township.

Michigan Natural Features Inventory, MSU Extension Board representative and Land Preservation Advisory Board Member Yu Man Lee, Conservation Scientist, presented the proposal for the Vernal Pool Project (presentation included in the meeting packet) in Township Parks and Land Preserves. The purpose of the project is to identify vernal pools in township parks and land preserves and provide training, support, and assistance to Meridian Township to initiate a citizen science- and community-based vernal pool monitoring program in the Township. The information obtained will be gathered and compiled by the Michigan Natural Features Inventory.

Commissioner Stephens shared that the Land Preservation Advisory Board has committed support toward this effort in the amount of \$2,500.

**b. Eagle Scout Project – Robert McQuaid Final Report**

Eagle Scout Candidate Robert McQuaid offered his final report for his project of constructing a fenced-in area for seed storage and trash bin at the Harris Nature Center. The concrete and materials were donated by local businesses and resulted in 128.5 volunteer hours of labor.

Discussion

- Worked with Kati Adams and Dennis Antone on the project idea and enjoys visiting the Center
- Concrete was donated by local business owner
- Will be fixing the latch to avoid getting caught inside the structure
- Learned a lot of leadership qualities and other skills being in the scouts

The Commissioners commended Robert on a job well done and an excellent presentation of his project.

**4. Public Comment**

None

**5. Public Hearing**

**a. 5-Year Parks and Recreation Master Plan 2017-2021**

1. Chair declared the public hearing open at 7:29 pm
2. Director Maisner provided an overview of the plan's purpose and process. Rowe Professional Services was retained to assist the Township with the public input portion of the plan. The remainder of the plan was completed by Parks and Recreation Department staff.
3. Doug Shultz with Rowe Professional Services provided the following summary:
  - Parks and Recreation Staff have greatly expanded upon the minimum requirements outlined by the Michigan Department of Natural Resources.
  - This serves as a valuable tool for future decision making and allocation of resources
  - Provides and opportunity to engage residents in the planning process
  - The narrative at the beginning of the plan acknowledges the accomplishments since the last plan which provides a good basis for moving forward.
  - General content set by DNR include public input, developing goals, objects and action statements, etc.

- Public input process two methods but this plan included resident mailing, survey, open house, input from youths and farmers market vendors, staff and commissioner input
- Top parks visited primarily Central Park including Nancy Moore Park, Historical Village and Central Park South and Harris Nature Center
- Residents indicated their primary information comes from the Family Fun Guide
- 84% feel comfortable and welcome at township events
- Guiding principles: accessible opportunities; efficient with resources; seek appropriate acquisition, and appropriate use of natural features
- Due to staff's extensive work, this plan is a high quality document balancing the conservation of open land and recreational facilities

Director Maisner shared that most of the top amenities from the previous plan were still at the top of the list today: restrooms, river access and clear navigation; new Farmers Market location; paved trails/signage; Ice rink and dog park. The new Park Millage that passed in 2015 has provided greater local matches and grant opportunities. Residents in the Haslett portion of our community have been waiting patiently for development of Towner Road Park, and that will come to fruition in 2017.

### **Additional insights from public input**

- Residents in Meridian Township appreciate and value our environment and natural resources and support stewardship activities. Over 700 acres of our 911-acre park system are in their natural state and the Land Preservation program has nearly 800-acres in their program. There seems to be strong evidence that the Park Commission, Land Preservation Advisory Board and the Environmental Commission should work more closely and in harmony for the betterment of environmental management of township lands.
- As we look toward trends, placemaking, and engaging the millennial generation, we need to introduce technology into some of our parks. This may include WIFI access and picnic tables with charging stations to host study groups, committee and board meetings etc. Visitors will be able to plug in their laptops transitioning from working and meeting at Starbucks to moving these activities outdoors in our parks!
- Water access – We need to continue our efforts with developing a water trail along the Red Cedar River. There is strong interest in increasing recreational use of one of our greatest water features.
- Let's do more to making our parks more engaging, unique, and different. That type of diversity will only enhance what we currently have.

4. Staff acknowledged items of communications received during the 30-day public review period:

- a) Lynn Ochberg
  - Have more winter activities in Meridian Township, celebrating the cold weather, being winter friendly and fun
    - ✓ Festivals, sports, art installations, etc.
    - ✓ Advertise things to do in Meridian Township during the winter
- b) Eric Ederer
  - Create a winter ice rink
  - Place heaters and fire pits near recreation areas in the parks
  - Hold more small-scale winter events and advertise them to the public
  - Create a community garden where people can rent plots
  - Have more lights in the parks to encourage people to use the trails in the winter
  - Build heated sidewalks
- c) Donna Rose
  - Bring outdoor experiences to the blind and visually impaired
  - Creation of a Braille Trail and include scents like lavender

5. Public comment

Michael Onsworth, 5948 Village Drive, Haslett, member of Friends of Meridian Pathways and Chair of Tri-County Bicycle Advocacy Group supports unisex restrooms, pathway connectivity of parks and with county neighbors; dovetails with the Ingham County Pathway Plan; Township is receiving funding from the County Trail Millage for trail improvements including bridge over grand river; support the staff's monitoring and removal of invasive species and working with the Drain Commissioner's office; supports opportunities for exercise.

6. Commissioners comment

- City of East Lansing is trying heated mats in front of the Hannah Center and questioned if this could be tried in the Township
- At recent MParks (Michigan Recreation and Park Association) conference encourage doctors are writing prescriptions to parks and recommending exercise as a valid treatment course.
- Residents allocated funds for parks and this document shows what the community wants in their parks
- MParks class spoke about rehabilitation services in the parks and working with companies such as McLaren; suggest researching funding opportunities to have fitness equipment such as in Wonch Park in more locations
- Support for ongoing public engagement to create a park system and community that people want to visit and interact with; want to create memories in the parks

7. Chair declared the public hearing closed at 8:04 pm

**6. Commissioner Reports and Comments**

Commissioner Stephens stated to stay off the ice and the scheduled ice fishing derby in February has been canceled.

**7. Approval of Minutes**

- a. January 24, 2017 Work Session Meeting Minutes
- b. January 24, 2017 Regular Session Meeting Minutes

COMMISSIONER LICK MOVED, COMMISSIONER SCHAEZTL SECONDED, TO APPROVE THE JANUARY 24, 2017 MEETING MINUTES AS Voice vote. Motion passed.

**8. Communications**

A. Items to/from the Public

- 1. From: Deborah Guthrie, 175<sup>th</sup> Anniversary Committee Chair, Invitation to Celebrate Enactment Day on February 16, 2017, Michigan State Capitol Building, Room 402/403, from 1:30-2:30 pm

B. Commission Information

None

C. Staff Inquiries/Response

None

COMMISSIONER STEPHENS MOVED COMMISSIONER LICK SECONDED TO ACCEPT AND PLACE THE ITEMS OF COMMUNICATION ON FILE. Voice vote. Motion passed.

**9. Director's Report**

Director Maisner distributed and summarized highlights from the 27 pages of the Parks and Recreation Department's portion of the 2016 Township's Annual Report. The Chinese New Year event this past weekend was well attended.

**10. New Business**

- a. Vernal Pool Mapping of Township Parks

COMMISSIONER LICK MOVED, COMMISSIONER STEPHENS SECONDED, TO APPROVE A BUDGET ALLOCATION IN THE AMOUNT OF \$500 TO MICHIGAN NATURAL FEATURES INVENTORY (MNFI) FOR THE PURPOSE OF CREATING MAPS THAT SHOW VERNAL POOLS IN THE MERIDIAN TOWNSHIP PARK SYSTEM.

Roll Call

AYES: Amanda Lick, Michael McDonald, Mark Stephens, Annika Schaeztl

NAYS: None

The motion passed.

**b. 5-year Parks and Recreation Master Plan 2017-2021**

The following resolution was offered by Commissioner Stephens and supported by Commissioner Schaeztl.

WHEREAS, the Meridian Township Park Commission has undertaken a Five-Year Parks and Recreation Master Plan update which describes the physical features, existing parks and recreation facilities and the desired actions to be taken to improve and maintain parks and recreation facilities during the period between 2017 to 2021, and

WHEREAS, the Meridian Township Park Commission began the process of developing a community recreation and natural resource conservation plan in accordance with the most recent guidelines developed by the Department of Natural Resources and Environment and made available to local communities, and

WHEREAS, residents of Meridian Township were provided with a well-advertised opportunity during the development of the draft plan to express opinions, ask questions, and discuss all aspects of the recreation and natural resource plan, and

WHEREAS, the community was given a well-advertised opportunity to review the final draft plan for at least 30 days, and

WHEREAS, a public hearing was held on Tuesday, February 14, 2017 at the Meridian Township Hall, to provide an opportunity for citizens to express opinions, ask questions and discuss all aspects of the Parks and Recreation Master Plan, and

WHEREAS, This 5-Year Parks and Recreation Master Plan describes the park and recreation opportunities in Meridian Township and establishes goals, objectives and an overall vision for our community's parks and recreation future. It is intended to be a planning tool and guide for future decision making and application of resources.

NOW, THEREFORE BE IT RESOLVED THAT THE PARK COMMISSION OF MERIDIAN CHARTER TOWNSHIP HEREBY RECOMMENDS ADOPTION OF THE MERIDIAN TOWNSHIP PARKS AND RECREATION MASTER PLAN 2017-2021 AS A GUIDELINE FOR IMPROVING PARKS AND

RECREATION FACILITIES AND SERVICES FOR THE RESIDENTS OF  
MERIDIAN TOWNSHIP.

Roll Call:

AYES: Annika Schaeztl, Mark Stephens, Michael McDonald, Amanda Lick  
NAYS: None

The motion/resolution passed unanimously.

**c. Towner Road Park Construction Contract**

Director Maisner offered a brief history on the proposed development of Towner Road Park Project. The construction bids were lower than expected. Once awarded, construction on this long-awaited project will begin in April with an anticipated completion date of November 1, 2017.

January 9, 2017: A pre-bid meeting was held at Towner Road Park. Over 30 contractors and sub-contractors attended the meeting.

January 30, 2017: Five contractors submitted qualified bids:

1. Laux Construction \$1,714,426.00
2. Woodhull Construction \$1,868,000.00
3. Moore Trospen \$1,930,300.00
4. Central Excavating \$1,972,820.00
5. ET Mackenzie Co. \$1,997,300.00

Our consultant, VIRIDIS Design Group has evaluated the proposals and conducted a post bid interview with the low bidder, Laux Construction. In addition, the consultant reviewed the bid alternates and feel that the alternate prices are reasonable should the Township wish to incorporate the alternate items. Our recommendation is to include Alternate #1 in the bid recommendation but to postpone the construction of Alternate #2 at this time.

ALTERNATE #1 – Pickleball Courts and Adjacent Concrete Pathways  
\$107,300

ALTERNATE #2 – Parking Lot B (westernmost parking lot)  
\$218,900

Originally budgeted \$2 million for the project and this bid is under budget.

COMMISSIONER STEPHENS MOVED COMMISSIONER LICK  
SECONDED, TO APPROVE THE BID FROM LAUX CONSTRUCTION IN  
THE AMOUNT OF \$1,714,426.00 FOR THE PURPOSE OF  
CONSTRUCTING TOWNER ROAD PARK, WHICH INCLUDES SOCCER  
FIELDS, BALL DIAMONDS, PARKING, A RESTROOM BUILDING,

PAVILION, LOOPED PATHWAY, SIDEWALKS, UTILITIES, DRINKING FOUNTAIN, AND LANDSCAPING; AND TO APPROVE BID ALTERNATE #1 IN THE AMOUNT OF \$107,300.00 FOR THE PURPOSE OF CONSTRUCTING PICKLEBALL COURTS, AND TO UTILIZE PARK MILLAGE FUNDS FOR THE TOTAL PROJECT COST IN THE AMOUNT OF \$1,821,726.

ROLL CALL:

AYES: Annika Schaeztl, Mark Stephens, Michael McDonald, Amanda Lick  
NAYS: None

The motion/resolution passed.

**d. Set Public Hearing for 2017 Grant Submissions**

CHAIR MCDONALD MOVED, COMMISSIONER SCHAETZL SECONDED, TO SET A PUBLIC HEARING ON MARCH 14, 2017 AT 8 PM FOR THE 2017 PROPOSED GRANT APPLICATIONS FOR A PAVILION AND OUTDOOR RESTROOM AT THE HARRIS NATURE CENTER.

Discussion:

Director Maisner summarized the two proposed 2017 GRANT APPLICATION projects:

1. Harris Nature Center – Pavilion

This project proposes to construct a pavilion near the Harris Nature Center building in Meridian Riverfront Park. The pavilion may include an upper level that will provide opportunity for wildlife observation and star gazing. A pavilion will serve as a vital amenity along the recently established Red Cedar Water Trail

2. Harris Nature Center – Outdoor Restroom

The Harris Nature Center staff have been requesting an outdoor restroom for many years to accommodate the large number of visitors. Park restrooms are also identified and supported in our Parks and Recreation Master Plan.

Voice vote. Motion passed.

**11. Other Business**

None

**12. Discussion Items**

None

**13. Final Comments**

None

**14. Announcements**

- a. Park Commission Next Meeting – Tuesday, March 14, 2017
  - Friend of the Park Volunteer Recognition Ceremony
  - Public Hearing for Grant Submissions
- b. Farmers' Market – 1<sup>st</sup> and 3<sup>rd</sup> Saturdays, 10 am-2 pm, JC Penny corridor
- c. Thursday, February 16:
  - 175<sup>th</sup> Anniversary Birthday Celebration of Meridian Township and Delhi Township, Michigan State Capitol Building, Rooms 402/403; 1:30-2:30 pm
- d. Saturday, February 18:
  - Farmers Market, 10am-2pm, inside the Meridian Mall
  - Moonlight Ski and Shoe, 6-9 pm, at HNC, weather dependent
  - Moonlight Sledding, 6-8:30 pm, at North Meridian Road Park, weather dependent
  - Meridian Ice Fishing Derby - canceled

**15. Public Comment**

None

**16. Closed Session**

None

**17. Adjournment**

Hearing no objections, Chair McDonald adjourned the regular meeting at 8:29 pm

Park Commission Meeting  
March 14, 2017

5. PUBLIC HEARINGS

- a) 2017 Grant Applications:
  - 1. Riverside Accessible Pavilion at Meridian Riverfront Park/Harris Nature Center
  - 2. Riverside Accessible Waterless Restroom at Meridian Riverfront Park/Harris Nature Center

PUBLIC HEARING PROCEDURE

- a) Chair declares public hearing open
- b) Staff presents project overview
- c) Staff acknowledge received items of communications (see attachment)
- d) Public comment
- e) Commissioners comment
- f) Chair declares public hearing closed

**MERIDIAN RIVERFRONT PARK/HARRIS NATURE CENTER**  
**3998 Van Atta Road, Okemos, MI**  
**RIVERSIDE ACCESSIBLE PAVILION**



**PROJECT DESCRIPTION**

This RIVERSIDE ACCESSIBLE PAVILION project proposes to construct an accessible **pavilion (30' X 44')** near the Harris Nature Center building in Meridian Riverfront Park. The pavilion will roughly be located in the location of the existing pole barn. The pavilion will include a stone wall that will be used as extra seating.

**PROJECT GOALS**

1. Create a shelter that will help expand environmental educational programs to include more interactive opportunities
2. Provide a community shelter for planned picnics and drop-in visitors
3. Provide a vital amenity along the recently established Red Cedar Water Trail

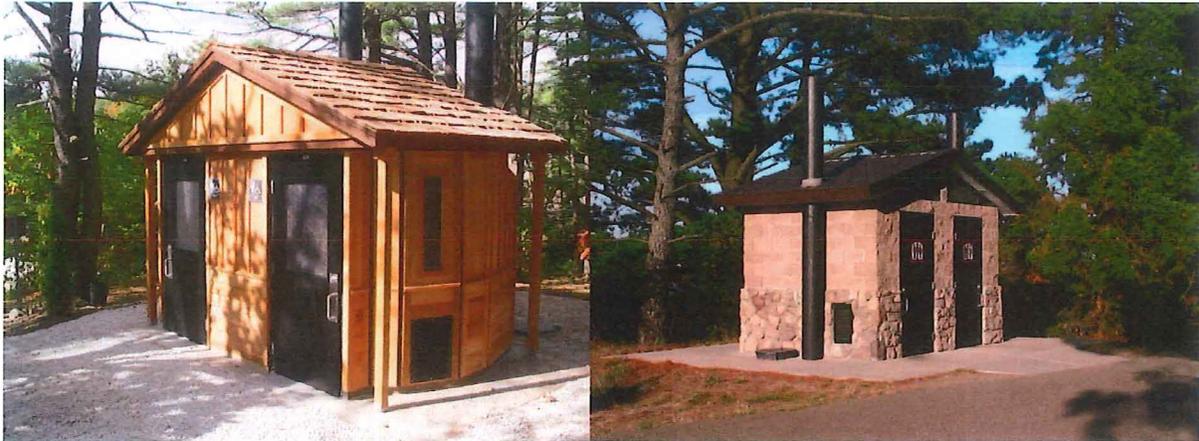
**GRANT REQUEST**

\$50,000

**PROJECT AMOUNT**

\$100,000, Natural Resources Trust Fund

**MERIDIAN RIVERFRONT PARK/HARRIS NATURE CENTER**  
**3998 Van Atta Road, Okemos, MI**  
**RIVERSIDE ACCESSIBLE WATERLESS RESTROOM**



(Design options – Romtec)

**PROJECT DESCRIPTION**

The RIVERSIDE ACCESSIBLE WATERLESS RESTROOM project proposes to construct an accessible waterless restroom near the Harris Nature Center building in Meridian Riverfront Park. The restroom will roughly be located near the existing trail head so that it is highly visible. Details of the exact design will be determined in the future.

**PROJECT GOALS**

1. Create a restroom to support park visitors during summer camp and/or when the nature center building is closed.
2. Provide an amenity that is highly requested in our parks and recreation survey that is conducted every five years.
3. Provide a vital amenity along the recently established Red Cedar Water Trail

**GRANT REQUEST**

\$50,000

**PROJECT AMOUNT**

\$100,000, Land and Water Conservation Fund

# Park Commission Meeting

## March 14, 2017

### 8. COMMUNICATIONS

#### A. Items to/from the Public

None

#### B. Commission Information

1. Introduction to Vernal Pools, Saturday, March 25, 2017

#### C. Staff Inquiries/Response

None

DO YOU... ENJOY BEING OUTDOORS? CARE ABOUT WILDLIFE? WANT TO SEE COOL THINGS?



## Introduction to Vernal Pools (with an optional training opportunity!)

Saturday, March 25, 2017  
10:00 am - 11:00 am

Meridian Township Municipal Complex  
Town Hall Room  
5151 Marsh Road, Okemos, Michigan  
48864-1198



**Come join us for a public presentation to learn more about vernal pool ecology and how you can help monitor and protect these important wetlands!**

**WHY:** Vernal pools are small, isolated, temporary wetlands that are important for healthy forest ecosystems. Because these wetlands dry up and are fishless, they provide critical breeding habitats for amphibians and invertebrates. Vernal pools also provide habitat for a number of other plants and animals, including rare species, and are important for nutrient cycling, water storage, groundwater recharge, and flood control. Their small size and temporary nature make vernal pools vulnerable to climate change and encroachment by human land use and invasive species, requiring our protection.

**FIELD TRAINING/CITIZEN SCIENCE:** For those who want a more in-depth experience, a follow-up workshop will show you how to map and monitor vernal pools in the field and see associated plants and animals! Requires rubber boots or hiking boots, off-trail walking, and a commitment to three data gathering visits per year for two years, contributing to a statewide effort to map/monitor vernal pools.

**Field workshop:** March 31, 10:30 am-2:30 pm (for vernal pool landowners and land managers) or April 9, 1:30-5 pm (for everyone else)

For the 3/31 or 4/9 field training workshop, please register with [VernalPools@meridian.mi.us](mailto:VernalPools@meridian.mi.us)



Training provided by Michigan Natural Features Inventory (MNFI)

Hosted by Meridian Township Land Preservation Advisory Board and Parks & Recreation, Friends of Ingham County Parks, Wild Ones Red Cedar Chapter, and Mid-Michigan Stewardship Initiative

Park Commission Meeting  
March 14, 2017

**10. NEW BUSINESS**

- a. Resolution of Support for 2017 Grant Application Harris Nature Center – Pavilion
- b. Resolution of Support for 2017 Grant Application Harris Nature Center – Outdoor Restroom
- c. Nemoka Drain Easement Approval – Hillbrook Park

**MEMORANDUM**

TO: Park Commission  
FROM: LuAnn Maisner /dm  
LuAnn Maisner, CPRP  
Director of Parks and Recreation



DATE: March 8, 2017

RE: 2017 PROPOSED GRANT APPLICATIONS FOR PARK DEVELOPMENT

---

In an effort to leverage our local Park Millage funds, the Park Commission strives to seek grant support whenever possible. The following projects are proposed for submission to the Michigan Department of Natural Resources for consideration:

- 1. Riverside Accessible Pavilion at Meridian Riverfront Park/Harris Nature Center**  
Michigan Natural Resources Trust Fund Program  
Project Cost: \$100,000  
Local Match: 50% - \$50,000

Motion for Park Commission Consideration

To approve the attached resolution to submit a grant application to the Michigan Department of Natural Resources for the Michigan Natural Resources Trust Fund Program for a universally accessible pavilion facility and access sidewalks in Meridian Riverfront Park/Harris Nature Center with an estimated total project cost of \$100,000, with a 50% local match of \$50,000 from the Township's Park Millage Fund.

- 2. Riverside Accessible Waterless Restroom at Meridian Riverfront Park/Harris Nature Center**  
Land and Water Conservation Fund Program  
Project Cost: \$100,000  
Local Match: 50% - \$50,000

Motion for Park Commission Consideration

To approve the attached resolution to submit a grant application to the Michigan Department of Natural Resources for the Land and Water Conservation Fund Program for a waterless restroom and access sidewalks in Meridian Riverfront Park/Harris Nature Center with an estimated total project cost of \$100,000, with a 50% local match of \$50,000 from the Township's Park Millage Fund.

Applications are due to the Michigan Department of Natural Resources by April 1, 2017 with decisions rendered in December, 2017. If successful, construction projects would most likely take place in 2019.

Project details and Resolution are attached.

**Riverside Accessible Waterless Restroom at  
Meridian Riverfront Park/Harris Nature Center  
RESOLUTION**

At a regular meeting of the Park Commission of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 14th day of March, 2017 at 7:00 p.m., Local Time.

PRESENT:

ABSENT:

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_:

WHEREAS, the Michigan Department of Natural Resources accepts grant requests from local units of government to assist in the development and acquisition of recreation properties; and

WHEREAS, it is possible to have up to 50% of the total project cost funded by the Land and Water Conservation Fund program; and

WHEREAS, the Park Commission is interested leveraging local Park Millage Funds by obtaining supplemental grant funding for park projects whenever possible; and

WHEREAS, Meridian Township has prepared a grant application for submission to the Michigan Natural Resources Trust Fund for \$100,000 of improvements to Meridian Riverfront Park consisting of an accessible waterless restroom to improve and expand recreation opportunities and accessibility for visitors of all abilities; and

WHEREAS, this project is identified and supported in the Central Park Master Plan and in the 2017-2021 Parks and Recreation Master Plan adopted by the Meridian Township Board and Park Commission, and is on file with the Michigan Department of Natural Resources; and

WHEREAS, the grant request is outlined and justified in the 2016-2021 Capital Improvements Program adopted by the Township Board and Park Commission; and

WHEREAS, park development and improvements are supported by Township Board Policy and 2017 Goals and Objectives; and

WHEREAS, this grant request was open to public review on March 14, 2017; and

NOW, THEREFORE BE IT RESOLVED BY THE PARK COMMISSION OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN, as follows:

To support submission of a grant application to the Michigan Natural Resources Trust Fund, Land and Water Conservation Fund for development of a universally accessible waterless restroom in Meridian Riverfront Park/Harris Nature Center with a total project cost of \$100,000. Fifty (50%) percent local match in the amount of \$50,000 will be funded by the Park Millage, with the remaining fifty (50%) percent (\$50,000) funded by the Land and Water Conservation Fund grant.

ADOPTED:

YEAS:

NAYS: None

STATE OF MICHIGAN        )  
  ) ss  
COUNTY OF INGHAM        )

I, the undersigned, the duly qualified and acting Chair of the Park Commission, Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and a complete copy of a resolution adopted at a regular meeting of the Park Commission on the 14th of March, 2017.

\_\_\_\_\_  
Michael McDonald, Chair

**Riverside Accessible Pavilion at Meridian Riverfront Park/Harris Nature  
Center  
RESOLUTION**

At a regular meeting of the Park Commission of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 14th day of March, 2017 at 7:00 p.m., Local Time.

PRESENT:

ABSENT:

The following resolution was offered by \_\_\_\_\_ and supported by \_\_\_\_\_:

WHEREAS, the Michigan Department of Natural Resources accepts grant requests from local units of government to assist in the development and acquisition of recreation properties; and

WHEREAS, it is possible to have up to 75% of the total project cost funded by the Natural Resources Trust Fund program; and

WHEREAS, the Park Commission is interested leveraging local Park Millage Funds by obtaining supplemental grant funding for park projects whenever possible; and

WHEREAS, Meridian Township has prepared a grant application for submission to the Michigan Natural Resources Trust Fund for \$100,000 of improvements to Meridian Riverfront Park consisting of an accessible pavilion and sidewalks to improve and expand recreation opportunities and accessibility for visitors of all abilities; and

WHEREAS, this project is identified and supported in the Central Park Master Plan and in the 2017-2021 Parks and Recreation Master Plan adopted by the Meridian Township Board and Park Commission, and is on file with the Michigan Department of Natural Resources; and

WHEREAS, the grant request is outlined and justified in the 2016-2021 Capital Improvements Program adopted by the Township Board and Park Commission; and

WHEREAS, park development and improvements are supported by Township Board Policy and 2017 Goals and Objectives; and

WHEREAS, this grant request was open to public review on March 14, 2017; and

NOW, THEREFORE BE IT RESOLVED BY THE PARK COMMISSION OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN, as follows:

To support submission of a grant application to the Michigan Natural Resources Trust Fund for development of a universally accessible pavilion in Meridian Riverfront Park/Harris Nature Center with a total project cost of \$100,000. Fifty (50%) percent local match in the amount of \$50,000 will be funded by the Park Millage, with the remaining fifty (50%) percent (\$50,000) funded by the MNRTF grant.

ADOPTED:  
YEAS:

NAYS: None

STATE OF MICHIGAN        )  
  ) ss  
COUNTY OF INGHAM        )

I, the undersigned, the duly qualified and acting Chair of the Park Commission, Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and a complete copy of a resolution adopted at a regular meeting of the Park Commission on the 14th of March, 2017.

\_\_\_\_\_  
Michael McDonald, Chair

MEMORANDUM

TO: Park Commissioners

FROM:   
\_\_\_\_\_  
LuAnn Maisner, CPRP  
Director of Parks and Recreation

DATE: March 8, 2017

RE: Nemoka Drain Easement Approval

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The Ingham County Drain Office has been in discussions with the Park Commission since late 2015 regarding the necessary drain improvements of the Nemoke Drain through Hillbrook Park. The Drain office staff have worked together with the Commission to clarify the drain easement location and the impacts it may have on the park's trails.

The attached drain easement has taken the Commission's concerns into consideration and has been reviewed and approved by the Township's attorney. The Drain office will replace two trees for every one they need to remove in the park; plant native vegetation in areas that will be disturbed during the construction phase; and construct a footbridge over the drain to maintain the integrity of the existing trail system in the park.

Motion for Commission consideration:

**MOVE TO APPROVE THE ATTACHED "DRAIN EASEMENT FOR NEMOKA DRAIN-HILLBROOK PARK" WITH THE NEMOKA DRAIN DRAINAGE DISTRICT AS REQUESTED BY THE INGHAM COUNTY DRAIN COMMISSIONER'S OFFICE.**

## **DRAIN EASEMENT FOR NEMOKA DRAIN-HILLBROOK PARK**

For and in consideration of the prospective benefits to be derived because of the establishment, construction, operation, maintenance and improvement of the Nemoka Drain, a county drain under the supervision of the Ingham County Drain Commissioner, whose address is 707 Buhl Avenue, Mason, Michigan 48854, the Meridian Township Park Commission, which is responsible for the management of Hillbrook Park, described in Exhibit "A," and Meridian Charter Township, a Michigan Municipal Charter Township, whose address is 5151 Marsh Road Okemos, MI 48864, hereinafter referred to as "Grantors", now convey and release to the Nemoka Drain Drainage District ("Drainage District"), a permanent drain easement for purposes of the establishment, construction, operation, maintenance and improvement of the Nemoka Drain ("Drain") over and across said park.

This conveyance shall be deemed a sufficient conveyance to vest in the Drainage District an easement over said parcel of land for the uses and purposes of drainage with such rights of entry upon, passage over, temporarily storing of equipment and materials, including excavated earth as may be necessary or useful for the establishment, construction, operation, maintenance and improvement of said Drain.

Non-movable or permanent structures shall not be constructed by Grantors, their agents, employees, or contractors within the specific limits of the easement without the prior written consent of the Drainage District. This conveyance shall also be deemed sufficient to vest in the Drainage District such rights for the clearing of the easement and the spreading and/or removal of spoil and excavated materials.

This easement is subject to the requirement that any trees removed to construct the proposed easement will be replaced by the Drainage District at a two to one ratio at a minimum. Also, in the area on the tennis courts further North in Hillbrook Park, the Drainage District will coordinate the delivery and planting of replacement trees before the start of construction in that area.

This easement is also subject to the requirement that after all maintenance, construction, reconstruction, improvement, and repair, the ground will be restored to a condition commensurate to that which existed prior to such maintenance, construction, re-construction, improvement, or repair. This conveyance includes a release of any and all damages or claims arising out of the easement herein granted or because of the establishment, construction, operation, maintenance and improvement of the Drain.

While not a requirement of the granting of this easement, the Drainage District restoration work will include the placement of native plant species within disturbed areas, including the scattering of patches of Blue Flag Irises. Additionally, the walking path parallel to the Pine Lake Outlet Drain shall continue across the stream by means of a wooden footbridge constructed of wolmanized lumber (not for vehicular traffic); and the Drainage District will work with the Parks Department on a re-routing of the existing path around the stream channel is a sweeping design satisfactory to the Parks Department.

This permanent drain easement shall be binding upon Grantors and the Drainage District, their heirs, assigns, successors in interest and successors in office and be deemed to run with the land in perpetuity.

This conveyance is exempt pursuant to MCL 207.505(a) and MCL 207.526(a).

Granted as of the date set forth below:

GRANTORS

Dated: \_\_\_\_\_

\_\_\_\_\_  
Michael McDonald, Acting Chair  
On behalf of the Meridian  
Township Park Commission

STATE OF MICHIGAN     )  
  )ss  
COUNTY OF INGHAM    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2017, before me, a Notary Public in and for said County, personally appeared Michael McDonald, Acting Chair, on behalf of the Meridian Township Parks Commission, to me known to be the person described herein and who executed the foregoing instrument and acknowledged the same to be his free act and deed.

\_\_\_\_\_  
\_\_\_\_\_  
Notary Public  
State of Michigan, County of \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_  
Acting in the County of \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Walsh, Township Manager  
On behalf of the Meridian  
Charter Township



## LEGAL DESCRIPTION:

### HILLBROOK PARK

Parcel No. 33-02-02-10-130-007:

Part of the West 1/2 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, being more particularly described as follows: The East 1/2 of the Northwest 1/4 of Section 10 lying South of Lake Lansing Road and Easterly of Hillbrook Park and Hillbrook Park No. 2 Subdivisions; also the East 66 feet of the Northeast 1/4 of the Southwest 1/4 of Section 10 lying North of Haslett Road; also Outlot A of Hillbrook Park No. 2 Subdivision; EXCEPT a parcel described as beginning at the Southwest corner of Lot 222 of the Oak Grove Park Subdivision; thence South 14.57 feet; thence West 40 feet; thence Northeasterly 185.5 feet; thence East along the South right-of-way line of Lake Lansing Road 15.97 feet to the Northwest corner of lot 156; thence South 170 feet to the point of beginning.

### DRAIN EASEMENT

A permanent drain easement for purposes of establishment, construction, operation, maintenance and improvement of the Nemoka Drain over and across part of the Northwest 1/4 of Section 10, T4N, R1W, Meridian Township, Ingham County, Michigan, described as:

Commencing at the center of Section 10; thence West 3.43 feet; thence North 0°28'29" West 481.73 feet to the Point of Beginning; thence North 0°28'29" West 137.45 feet; thence South 70°52'22" West 298.49 feet to the center of the Pine Lake Outlet Drain; thence Southwesterly along the center of said Drain to a point that lies 475.63 feet North and 324.88 feet West of the center of Section 10; thence North 70°52'22" East 345.70 feet to the Point of Beginning.

FILE: C:\547\GIS\2D (NEMOKA DRAIN)\CV6 PLANS\ESMT-HILLBROOK.DWG - PLOT DATE: 7/20/2015 10:17 AM BY: Gregory Lomlin SCALE: 1:1

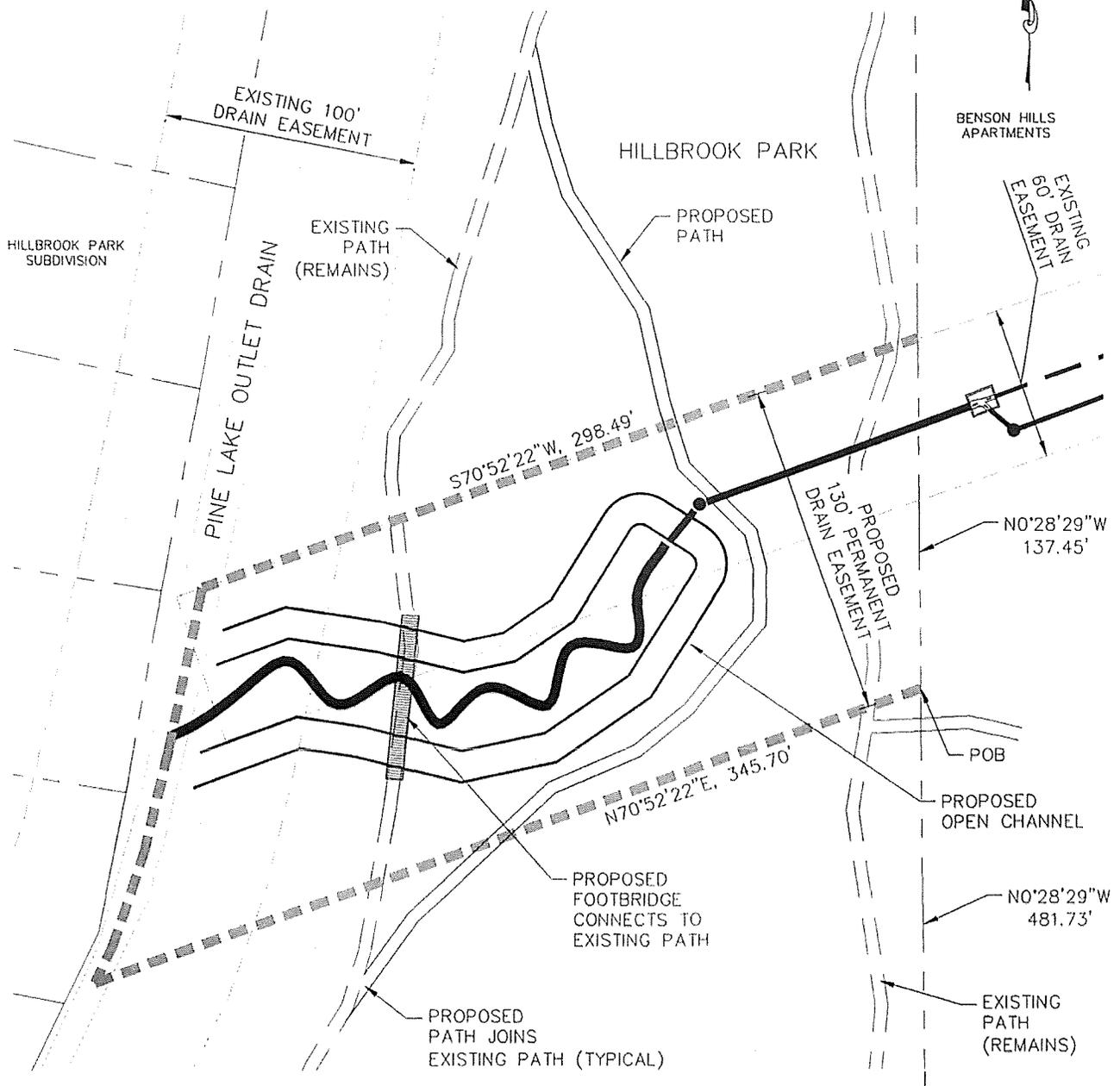
**LSG**  
Engineers  
& Surveyors

3135 PINE TREE ROAD  
SUITE D  
LANSING, MI 48911  
PH: (517) 393-2902  
FAX (517) 393-2608  
www.lsg-es.com

PREPARED FOR:  
**PATRICK E. LINDEMANN**  
INGHAM COUNTY  
DRAIN COMMISSIONER  
707 BUHL ROAD  
MASON, MICHIGAN 48854  
PHONE: (517) 676-8395

EXHIBIT "A"  
FOR  
NEMOKA DRAIN  
DRAINAGE DISTRICT

FILE: ESMT-HILLBROOK.DWG  
DESIGNED BY: GKL  
DRAWN BY: GKL  
CHECKED BY: ADG  
DATE: 7-2-2015  
SCALE  
HOR: 1" = 60'  
VERT: N/A  
PROJECT NO.  
1070  
SHEET NO.  
1.0



**NOTE:**

- TREES REMOVED DUE TO CONSTRUCTION TO BE REPLACED AT 2:1 RATIO AND PLANTED ELSEWHERE IN HILLBROOK PARK (COORDINATED WITH MERIDIAN TOWNSHIP PARKS AND RECREATION).
- DISTURBED AREAS TO BE REPLANTED WITH NATIVE VEGETATIVE SPECIES.



3135 FINE TREE ROAD  
STATE D  
LANSING, MI 48311  
PH: (517) 393-2902  
FAX: (517) 393-2608  
www.lsg-es.com

PREPARED FOR  
**PATRICK E. LINDEMANN**  
INGHAM COUNTY  
DRAIN COMMISSIONER  
707 BUHL ROAD  
MASON, MICHIGAN 48854  
PHONE: (517) 676-8395

**EXHIBIT "A"**  
FOR  
**NEMOKA DRAIN**  
DRAINAGE DISTRICT

|             |                     |
|-------------|---------------------|
| FILE        | ESMT--HILLBROOK.DWG |
| DESIGNED BY | GFL                 |
| DRAWN BY    | GFL                 |
| CHECKED BY  | ADB                 |
| DATE        | 7-2-2013            |
| SCALE       |                     |
| HOR         | 1" = 60'            |
| VERT        | N/A                 |
| PROJECT NO. | 1070                |
| SHEET NO.   | 2.0                 |

FILE: G:\AST\01022 (NEMOKA DRAIN)\CS PLAN\ESMT--HILLBROOK.DWG - PLOT DATE: 7/22/2013 10:18 AM BY: Gregory Lomax SCALE: 1:1