BIRMINGHAM
A WALKABLE CITY

Parks and Recreation Board Agenda
Department of Public Services
851 South Eton-Conference Room
Tuesday, December 3, 2024
6:30 PM

I. Call to order

II. Roll Call

III. Announcements, Introductions of Guests & Chairpersons Comments

1. Ad Hoc Senior/Recreation Center Committee (SCC) - Update

IV. Open To The Public for Items Not On the Agenda *(two minutes per person)*

- No one may speak a second time until everyone in the audience has spoken.
- The chairperson may alternate speakers pro & con on issues being discussed.

V. Approval of the minutes of: November 12, 2024(*regular meeting)*

VI. Unfinished Business

1. E-Bike Municipality Comparisons, Park Rules and Ordinance

VII. New Business- *Written and submitted by 5pm Monday at the Birmingham Ice Sports Arena, one week prior to the meeting.*

1. Booth Park Entry Plaza & Trail Improvements Project - Update

VIII. Miscellaneous Communications

IX. Reports From Staff

1. Spotted Lantern Fly

X. Items for Next Meeting-January 14, 2025

1. Park Capital Planning

XI. Adjournment

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

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

PARKS & RECREATION BOARD MISSION STATEMENT

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

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

City of Birmingham
Parks And Recreation Board Meeting Minutes
November 12, 2024, 6:30 p.m.
851 South Eton - Conference Room

I. CALL TO ORDER

The meeting was called to order at 6:30 p.m.

II. ROLL CALL

Present: Chair Heather Carmona; Board Members Pam Graham, Sarah Kupczyk, Anne Lipp, Steve Sweeney; Alternate Board Members Narlu Castellano, Joseph Wrobel; Student Representative Ella Bassett

Absent: Board Members Susan Collins, Jessica Einstein

Staff: Department of Public Services Director Zielinski; Ice Arena and Facilities Superintendent Folk, Parks and Recreation Manager Laird, Parks And Recreation Assistant Foreman McNab, Recreation Coordinator Schultz

Guests: Sally and Jeffrey Johnson

III. ANNOUNCEMENTS, INTRODUCTIONS OF GUESTS & CHAIRPERSON COMMENTS

1. Ad Hoc Senior/Recreation Center Committee (SCC) - Update

Ms. Graham provided the update.

IV. OPEN TO THE PUBLIC FOR ITEMS NOT ON THE AGENDA

V. APPROVAL OF THE MINUTES

Motion by Graham
Seconded by Lipp to approve the minutes of the November 12, 2024 regular meeting as submitted.

Motion carried, 7-0.

ROLL CALL VOTE
Yeas: Graham, Lipp, Carmona, Kupczyk, Castellano, Wrobel, Sweeney
Nays: None

VI. UNFINISHED BUSINESS

VII. NEW BUSINESS

1. Booth Park Entry Plaza & Trail Improvements Project - Update

Staff provided the update and answered informational questions from the Board.

Board members raised the following points during discussion:

- It would be useful to communicate Booth Park's closure as widely as possible.
- If the Farmers' Market is available to provide more children's activities during Booth Park's closure, that could be helpful.
- Repairing the playground, converting the mulch to a smoother, more accessible surface, and

making the bathrooms more accessible would be valuable future projects for the Park.
- The updated plans are not yet reflected in the documents.
- A quieter air hand dryer could be beneficial because the louder ones can scare children.

Motion by Lipp
Seconded by Kupczyk to support the full park closure site control plan for the Booth Park Entry Plaza and Trail Improvement project.

Motion carried, 7-0.

ROLL CALL VOTE
Yeas: Graham, Lipp, Carmona, Kupczyk, Castellano, Wrobel, Sweeney
Nays: None

2. E Bike Request/City of Birmingham Parks and Regulation Rules

Staff presented the item and answered informational questions from the Board.

Board members raised the following points during discussion:
- A speed limit, prohibitions of certain behavior, and/or a trial period might all be more appropriate than entirely banning class two e-bikes.
- Policies should be devised to avoid damaging the trails.
- Approving class one e-bikes would not likely pose an issue.
- Allowing class two e-bikes could increase accessibility.
- The City might be able to approve the use of class two e-bikes on a case-by-case basis.
- Staff should look into the concerns raised by class two bikes, and determine whether approving class two bikes on a case-by-case basis is feasible.
- Staff could explore using approvals of class two bikes at the DNR level as a qualification for using a class two bike within Birmingham.

Public Comment
Jeffrey and Sally Johnson commented on the item.

3. Park Capital Planning

DPSD Zielinski presented the item. Staff answered informational questions from the Board.

Board members raised the following points during discussion:
- Poppleton Park may be the best location for additional pickleball courts.
- A walking path within Pembroke could be valuable.
- Many residents walk their dogs off-leash in Poppleton Park. It may be worth exploring the creation of a fenced-in dog run within Poppleton.
- Using bond money to improve the playground equipment at Poppleton in the nearer-term would be beneficial and would indicate to residents that the bond money is having positive impacts. Other parks that primarily have playground equipment should also be prioritized for nearer-term playground-related improvements.
- Pembroke and Pumphouse parks would benefit from improvements, and Pembroke should have a shelter installed. A restroom at Pembroke could also be under consideration.
- Some funds for maintenance and repair could be directed towards Kenning Park.
- Moving the design work for Kenning up could be beneficial.
- The RFP for Kenning should seek a professional with familiarity in age-inclusive and accessible playground equipment.

VIII. MISCELLANEOUS COMMUNICATIONS

Communications may be found in the evening's agenda packet.

IX. REPORTS FROM STAFF

1. Final Booth Park Phase Two - Donor Recognition Policy

Staff answered informational questions from the Board.

Board members' comments were as follows:

- All donors should be invited to any grand opening or ribbon cutting event.
- Section C4 was well done.
- $2500 is an appropriate minimum for being recognized on the donor wall.

X. ITEMS FOR NEXT MEETING

XI. ADJOURNMENT

The meeting was adjourned at 7:33 p.m.

Connie Folk, Ice Arena and Facilities Superintendent

Laura Eichenhorn, City Transcriptionist

MEMORANDUM
Department of Public Services

DATE: November 26, 2024

TO: Parks and Recreation Board

FROM: Tricia Schultz, Parks and Recreation Coordinator
Brad McNab, Parks and Recreation Foreman

SUBJECT: E-Bike Municipality Comparisons, Park Rules and Ordinance

The City of Birmingham Parks and Recreation has recently received an e-bike request to be used on the Rouge River Trail Corridor. The department is requesting direction from the Parks and Recreation Board on how to proceed with regard to the use of e-bike requests. The purpose of this item is for discussion on this topic and to gather the Parks & Recreation Board's input on whether or not to move forward with a recommendation for a Park Rule change, what class of e-bike to allow if any, where to allow, and whether or not by permit.

The City of Birmingham has over two miles of maintained trails along the Rouge River, along with over 230 acres of parkland within the City. The park system also includes Manor Park, a nature preserve with a woodchip trail, and numerous walkways throughout. The trails are composed of either woodchips or crushed limestone. New material is often added due to washout, which often keeps the trails relatively soft underfoot. These trails are used in various ways such as walking, running, biking, parents pushing strollers, residents walking dogs, and many others. Historically, the City has not allowed any use of motorized vehicles on trails or walkways.

The City reviewed neighboring municipalities as it relates to the City's rules and regulations on this matter. The data was gathered by contacting multiple municipalities for information associated with the usage of e-Bikes.

The following municipalities have been inquired and reviewed:

- Bloomfield Township
- City of Clawson
- City of Ferndale
- City of Huntington Woods
- City of Royal Oak
- City of Southfield

The following municipalities have been inquired and reviewed (continued):

- City of Troy
- Village of Beverly Hills
- City of Wixom
- West Bloomfield Parks and Recreation

Municipalities that approve the usage of class 1 e-Bikes only:

- Oakland County Parks (Orion Oaks County Park & Addison Oaks County Park)
  - ❖ Orion Oaks County Park's main features include footpaths, boardwalks, hills, meadows, woods, wetlands, and Lake Sixteen. Orion Oaks includes 12 miles of gently rolling trails through wooded and grassy areas and along lakes.
  - ❖ Addison Oaks County Park: The trails in Addison Oaks County Park are well-maintained and include fast/steep, bumpy downhills. The trails on the northeast side of the park are wide gravel/concrete road trails, whereas the others are mostly composed of grass.
- West Bloomfield Parks and Recreation (The West Bloomfield Trail)
  - ❖ The West Bloomfield Trail is made up of a former railroad corridor and is mostly hard-packed gravel. It includes scenic overlooks, benches, bike racks, bike repair stations, mileage markers, and a permanent restroom with a drinking fountain and bottle-filling station.
- The City of Wixom (The Michigan Airline Trail)
  - ❖ The Michigan Airline Trail primarily includes asphalt, dirt, and gravel and connects to other trails in the area.

Municipalities that prohibit the use of e-Bikes/do not have language stated regarding this matter:

- Bloomfield Township
- City of Clawson
- City of Ferndale
- City of Huntington Woods
- City of Royal Oak
- City of Southfield
- City of Troy
- Village of Beverly Hills

To summarize our findings: A vast majority of the municipalities contacted do not permit the usage of e-Bikes, and do not have any language stating they are supported. Of the municipalities that do allow e-bikes, class 1 e-bikes are the only classification allowed.

The MDNR recently approved land use changes that expanded operation of class 1 e-bikes so that they are now allowed on improved-surface trails, such as linear trails (paved or gravel/asphalt) as well as natural-surface, non-motorized bicycle trails/pathways in state parks and recreation areas and on state forest pathways and roads. In addition, the change now allows operation of class 2 e-bikes, which are throttle- and pedal-assisted and can travel up to 20 miles per hour, on those trails/pathways open for class 1 e-bike use for mobility purposes as long as a

cyclist had applied for and received a no-cost permit to do so. Prior to the land use change, class 1 e-bikes were only allowed on improved-surface trails and roads on state-managed land.

The Birmingham Police Department provided their opinion upon our request. Their concerns were how to tell the difference between the different e-Bike classes and how effective they could enforce any regulations set. Response time for a non-emergency call may not be quick enough to make contact with an offending party if a complaint arises. They suggest emulating what other neighboring cities have put forth.

The Police Department has also provided an excerpt from the Birmingham Ordinance, Sec. 74-6. Skateboarding, bicycling and electric personal assistive mobility devices, in addition to an informational PowerPoint presentation pertaining to E-Bikes. Both items are attached to this report. Currently, Birmingham ordinance states that e-bikes are not allowed on the sidewalks in the Central Business District.

The City Attorney's opinion is that the Parks and Recreation Board is the appropriate board to provide a recommendation on the use of e-bikes in the park system. If the recommendation will allow the use of e-bikes, by permit or otherwise, it will require a public hearing because it requires an ordinance change. The City Commission will ultimately determine the use of e-bikes in consideration of the Parks and Recreation Board's recommendation.

The department is requesting the Parks and Recreation board's input on whether they support the integration of e-Bikes into the park system, aiming to enhance accessibility and enjoyment for all. Some considerations include: class 1 e-bikes vs class 2 e-bikes, by permit only, potentially designating certain areas or certain parks only, path material, speed, safety, and enforcement.

Current Park Rule:
30. It is unlawful for any person to operate any motorized vehicle, trail bike, all-terrain vehicle, or similar type of motorized sport vehicle anywhere in any park or trail, except for the proper use of golf carts on city golf courses.

Proposed change to Park Rule:
30. It is unlawful for any person to operate any motorized vehicle, ~~trail bike~~, all-terrain vehicle, or similar type of motorized sport vehicle anywhere in any park or trail, except for the proper use of golf carts on city golf courses. Exceptions to this rule may apply for use of class 1 e-bikes and by permit only through the Department of Public Services with medical documentation.

ATTACHMENTS:
- Excerpt from the City Ordinance regarding the use of electric vehicles
- PowerPoint presentation from the City Ordinance pertaining to e-Bikes

Sec. 74-6. Skateboarding, bicycling and electric personal assistive mobility devices.

(a) *Definitions.* The following words, terms and phrases, when used in this section, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Bicycle means a device propelled by human power upon which a person may ride, having either two or three wheels in a tandem or tricycle arrangement, all of which are over 14 inches in diameter.

Central business district means that area bounded by and including the east sidewalk of Woodward north to the north sidewalk of Oakland Avenue west to the north sidewalk of Willits Avenue west to the west sidewalk of Chester to the north sidewalk of Maple to the west sidewalk of Southfield Road, south to the south sidewalk of Merrill Street east to the west sidewalk of Bates Street south to the south sidewalk of Townsend Street east to the west sidewalk of Henrietta south to the south sidewalk of Brown Street east to the east sidewalk of Woodward. (See Exhibit A)

Electric bicycle means a device upon which an individual may ride that satisfies all of the following:

(1) The device is equipped with all of the following:

a. A seat or saddle for use by the rider.

b. Fully operable pedals for human propulsion.

c. An electric motor of not greater than 750 watts.

(2) The device falls within one of the following categories:

a. *Class 1 electric bicycle.* As used in this subparagraph, "class 1 electric bicycle" means an electric bicycle that is equipped with an electric motor that provides assistance only when the rider is pedaling and that disengages or ceases to function when the electric bicycle reaches a speed of 20 miles per hour.

b. *Class 2 electric bicycle.* As used in this subparagraph, "class 2 electric bicycle" means an electric bicycle that is equipped with a motor that propels the electric bicycle to a speed of no more than 20 miles per hour, whether the rider is pedaling or not, and that disengages or ceases to function when the brakes are applied.

c. *Class 3 electric bicycle.* As used in this subparagraph, "class 3 electric bicycle" means an electric bicycle that is equipped with a motor that provides assistance only when the rider is pedaling and that disengages or ceases to function when the electric bicycle reaches a speed of 28 miles per hour.

Electric personal assistive mobility device means a self-balancing nontandem two-wheeled device, designed to transport only one person at a time, having an electrical propulsion system with average power of 750 watts or one horsepower and a maximum speed on a paved level surface of not more than 15 miles per hour.

Electric skateboard means a wheeled device that has a floorboard designed to be stood upon when riding that is no more than 60 inches long and 18 inches wide, is designed to transport only one person at a time, has an electrical propulsion system with power of no more than 2,500 watts, and has a maximum speed on a paved level surface of not more than 25 miles per hour. An electric skateboard may have handlebars and, in addition to having an electrical propulsion system with power of no more than 2,500 watts, may be designed to also be powered by human propulsion.

Parking structure means any public structure designed for the parking of motor vehicles.

Pedestrian means a person on foot or on skateboard, excluding a person on foot walking a bicycle or moped.

Plaza means that open space area between the main entrance to a building and the street.

Sidewalk means that portion of a highway designed or ordinarily used for pedestrian travel.

Skateboard means a single platform mounted on wheels, which is propelled solely by human power and which has no mechanism or other device with which to steer or to control the movement or direction of the platform.

(b) *Prohibitive.*

Note(s)—This section of the Code does not apply to wheelchairs or other devices used to aid persons with disabilities or medical assistance.

(1) Skateboarding, bicycling and use of any electric personal assistive mobility device shall be prohibited upon any sidewalk in the central business district, on city hall plaza, library plaza or in any parking structure.

(2) Notwithstanding their status as pedestrians, operators on sidewalks shall yield the right-of-way to all vehicular and to all other pedestrian traffic upon the sidewalk.

(3) No person upon roller skates, riding in or by means of any coaster, toy vehicle, or similar device, shall go upon any roadway except while crossing a street on a crosswalk and when so crossing, such person shall be granted all of the rights and shall be subject to all of the duties applicable to pedestrians. No person shall use, or ride on or in, any device described in this section on or in any city-owned public parking facility.

(4) Reserved.

(5) Reserved.

(6) A person who violates this section is responsible for a civil infraction with a $100.00 fine.

(7) In addition to any penalty prescribed in subsection (b)(6) of this section, a police officer or other law enforcement agent may confiscate the skateboard and obtain the person's name, address, telephone number and age. A skateboard confiscated under this subsection shall be returned to persons 17 years of age or older, not earlier than 24 hours after the violation, upon their appearance at the city police department and the execution of a declaration of ownership. Skateboards confiscated from those persons under the age of 17 shall be returned, not earlier than 24 hours after the violation, to the persons' parent or guardian upon their appearance at the city police department and the execution of a declaration of ownership. If a skateboard is confiscated under this subsection from a person other than the owner of the skateboard, the skateboard shall be returned, not earlier than 24 hours after the violation, to the owner or the parent or guardian of the owner, if the owner is under 17 years of age, upon the appearance of the owner or the parent or guardian of the owner at the city police department and the execution of a declaration of ownership.

(Code 1963, §§ 10.110, 10.111; Ord. No. 1320, 11-25-85; Ord. No. 1625, 5-13-96; Ord. No. 2058, 6-28-10; Ord. No. 2345, 2-10-20)

Editor's note(s)—Ord. No. 2345, adopted February 10, 2020, changed the title of section 74-6 from "Skateboarding" to "Skateboarding, bicycling and electric personal assistive mobility devices." The historical notation has been preserved for reference purposes.

Note(s)—The exhibit referred to in this section is not set out at length herein, but is on file in the office of the city clerk.

SEC. 74-6 SKATEBOARDING AND ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICES

ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE

- **257.13c “Electric personal assistive mobility device”**

- "Electric personal assistive mobility device" means a self-balancing nontandem 2-wheeled device, designed to transport only 1 person at a time, having an electrical propulsion system with average power of 750 watts or 1 horsepower and a maximum speed on a paved level surface of not more than 15 miles per hour.

ELECTRIC SKATEBOARD

257.13f "Electric Skateboard"

"Electric skateboard" means a wheeled device that has a floorboard designed to be stood upon when riding that is no more than 60 inches long and 18 inches wide, is designed to transport only 1 person at a time, has an electrical propulsion system with power of no more than 2,500 watts, and has a maximum speed on a paved level surface of not more than 25 miles per hour. An electric skateboard may have handlebars and, in addition to having an electrical propulsion system with power of no more than 2,500 watts, may be designed to also be powered by human propulsion.

ELECTRIC BICYCLE

Electric bicycle means a device upon which an individual may ride that satisfies all of the following:

1) The device is equipped with all of the following:

(i) A seat or saddle for use by the rider.
(ii) Fully operable pedals for human propulsion.
(iii) An electric motor of not greater than 750 watts.

2) The device falls within 1 of the following categories:

ELECTRIC BICYCLE CONT.

Class 1 electric bicycle.

An electric bicycle that is equipped with an electric motor that provides assistance only when the rider is pedaling and that disengages or ceases to function when the electric bicycle reaches a speed of 20 miles per hour.

Class 2 electric bicycle.

An electric bicycle that is equipped with a motor that propels the electric bicycle to a speed of no more than 20 miles per hour, whether the rider is pedaling or not, and that disengages or ceases to function when the brakes are applied.

Class 3 electric bicycle.

An electric bicycle that is equipped with a motor that provides assistance only when the rider is pedaling and that disengages or ceases to function when the electric bicycle reaches a speed of 28 miles per hour.

BICYCLE AND SIDEWALKS

257.660c Operation of bicycle upon sidewalk or pedestrian crosswalk.

1. An individual operating a bicycle upon a sidewalk or a pedestrian crosswalk shall yield the right-of-way to pedestrians and shall give an audible signal before overtaking and passing a pedestrian.

2. An individual shall not operate a bicycle upon a sidewalk or a pedestrian crosswalk if that operation is prohibited by an official traffic control device.

3. An individual lawfully operating a bicycle upon a sidewalk or a pedestrian crosswalk has all of the rights and responsibilities applicable to a pedestrian using that sidewalk or crosswalk.

MICHIGAN MOTOR VEHICLE CODE

Sec. 110-56. - Adoption by reference.

The Michigan Vehicle Code, MCL 257.1 through 257.923, and the Uniform Traffic Code, at MCL 257.951, in its entirety, as amended, are hereby adopted by reference.

ELECTRIC PERSONAL ASSISTIVE MOBILITY DEVICE

The Michigan Motor Vehicle Code states:

- Can be operated in the roadway, not more than 2 abreast and shall ride as near to the right side.
- Can be operated on a sidewalk but shall yield the right-of-way to a pedestrian.
- Shall be operated at a speed of not more than 15 miles per hour and shall not be operated on a highway or street with a speed limit of more than 25 miles per hour except to cross that highway or street.

ELECTRIC SKATEBOARD

The Michigan Motor Vehicle Code states:

- Can be operated in the roadway, not more than 2 abreast and shall ride as near to the right side for ages 13 and above.
- A person less than 19 years old shall wear a crash helmet.
- Can be operated on a sidewalk but shall yield the right-of-way to a pedestrian.
- Shall not operate at more than 25 miles per hour or on a highway or street with a speed limit of more than 25 miles per hour except to cross that highway or street.
- Shall not be operated at night unless equipped with a headlight.

ELECTRIC BICYCLE

The Michigan Motor Vehicle Code states:

- An individual riding an electric bicycle is subject to the same requirements as an individual riding a bicycle.
- A Class 3 electric bicycle shall not be operated by an individual less than 14 and individual less than 18 shall wear bicycle helmet.
- May operate on any part of the roadway including a lane designated for the exclusive use of bicycles.
- Class 1 bicycles may be operated on a trail.
  - Birmingham Park Rules state;
    - It is unlawful for any person to operate any motorized vehicle, trail bike, all-terrain vehicle, or similar type of sports vehicle anywhere in a park, except for the proper use of golf carts on city golf courses.

ALL AREAS WITH A SPEED LIMIT OF 25MPH OR LESS

Permitted on the roadway and sidewalks:

ROADWAY WITH A SPEED LIMIT ABOVE 25MPH

Permitted on the roadway:

Prohibited on a roadway with a speed limit above 45MPH.

CITY ORDINANCE

City ordinance restricts these devices on sidewalks within the designated area:

Central Business District
Harmon St
Tooting Ln
Bonnie Brier St
Euclid Ave
Park St
Woodward Ave
Oakland Ave
Lawndale St
Oakdale St
Ridgedale Ave
Greenwood St
Dewey St
Ferndale Ave
Fleming's Prime Steakhouse & Wine Bar
Emagine Palladium
Warren Ct
Hunter House Hamburgers
Kroger
Willits St
Mad Hatter Bistro
Social Kitchen and Bar
N Bates St
Willits Alley
E Maple Rd
west elm
Chester St
S Bates St
Henrietta St
Pierce St
Birmingham 8
Martin St
Baldwin Public Library
Forest Ave
220 Merrill
Vinotecca Birmingham
The Townsend
Maple Hill Ln
Chestnut St
Townsend St
S Old Woodward Ave
Daines St
Purdy St
Hazel St
W Brown St
W Brown St
Cherry
Stanley
Pierce St

BIRMINGHAM
A WALKABLE CITY

MEMORANDUM

Department of Public Services

DATE: December 3, 2024

TO: Parks and Recreation Board

FROM: Carrie Laird, Parks and Recreation Manager

SUBJECT: Booth Park Entry Plaza & Trail Improvements Project - Update

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Site Furnishings

The design team has narrowed the selection of chairs to 2 styles, both emu brand https://emuamericas.com/ ,the Ronda, or the Mom. Samples will be available at the December 3, 2024 Parks & Recreation Board meeting for the Board to provide feedback. Staff recommendation is to combine both armchairs with armless, regardless of selected style.

Tables will be a mesh top, four chairs to a table, with an umbrella. Umbrella selection is still underway. Attached are preliminary design furniture, furniture plan, and a 3D rendering of the view of the furniture.

Michigan Department of Natural Resources Trust Fund (MNRTF) Grant

As directed by the City Commission, the department adjusted our 2024 MNRTF grant application during the "supplemental information" period of the grant application review. Our application was updated to include the most recent park plan and updated cost estimate in addition to increasing our grant request to the maximum amount of $400,000. The City received final scores for our updated 2024 application. Our total score was 345/500 or 69%. This was an improvement as our initial application and preliminary score was 295/500 or 59% and greatly increases our chances to receive funding. We will find out if we will be recommended for a MNRTF grant on December 11, 2024.

If the City is recommended for receiving a MNRTF grant, the City will be required to enter into an agreement with the MDNR. Once the agreement is finalized, the MDNR must review all plans, specifications and bid documents.

Receiving a MNRTF grant will affect the timeline of construction significantly and therefore, we will be waiting until the December 16th City Commission Meeting (when we will know whether we are being recommended for funding) to provide the City Commission a project update.

EMU
Darwin #E521 Mesh Chair
$300 (Shipping NOT included)
Material: Steel

EMU
Ronda 2.0 #E457 Mesh Chair
$260 (Shipping NOT included)
Material: Steel

EMU
Bridge #E146 Chair
$330 (Shipping NOT included)
Material: Steel

EMU
Mom #E629 Chair
$340 (Shipping NOT included)
Material: Steel

LFI
Chipman 32” Square Dining Table
$1,320 (Shipping NOT included)
Material: Powdercoated Metal

LFI
Chipman Chair
$620 (Shipping NOT included)
Material: Powdercoated Metal

Fermob
Luxembourg Side Chair
$460 (Shipping NOT included)
Material: Aluminum

EMU
Bistro 30” Sq #E901 Table
$690 (Shipping NOT included)
Material: Solid Steel

EMU
Bistro 32” Dia #E902 Table
$600 (Shipping NOT included)
Material: Solid Steel

EMU
Cambi 32” Sq #E801
$585 (Shipping NOT included)
Material: Steel

EMU
Cambi 32” Dia #E803
$550 (Shipping NOT included)
Material: Steel

Poggesi
Center Post Umbrella Jok Collection with Crank and Wind Vent, with Movable Base
Base $1,075 and Umbrella $2,650 (Shipping NOT included)
Dimensions: 10’x10’ Umbrella, 30”x30” Base

Polywood
Modern Studio Adirondack Chair
$269 (Shipping NOT included)
Material: HDPE

BIRMINGHAM
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MEMORANDUM

Department of Public Services

DATE: December 3, 2024

TO: Parks and Recreation Board

FROM: Brendan McGaughey, Forestry & Environment Foreman

SUBJECT: Invasive Species Alert – Spotted Lanternfly

INTRODUCTION:
Spotted Lanternfly (*Lycorma delicatula*) is a highly invasive forest insect which was first detected in Oakland County in 2022, and has since been detected in Wayne County and Monroe County. The City would like to provide the Parks and Recreation Board with information and some reporting methods that can be used to help prevent the introduction and spread of Spotted Lanternfly.

BACKGROUND:
The Spotted Lanternfly (SLF) was first found in the United States in southeastern Pennsylvania in 2014, and it has since spread across 17 Eastern and Midwestern US states. Spotted Lanternfly was first detected in Michigan in Pontiac in 2022, which was confirmed by the Michigan Department of Agriculture (MDARD). The MDARD has since worked on containing the population using a variety of control methods and works in conjunction with other federal, state and local organizations such as the Oakland County Cooperative Invasive Species Management Area (OC CISMA) of which the City is an active member.

The MDARD recently conducted an extensive survey was recently conducted over 20 counties in Michigan which unfortunately discovered additional populations in the three counties where lanternfly had previously been detected (Oakland, Monroe, and Wayne).

SLF prefers to feed on a species of tree known as Tree-of-heaven (*Alianthus altissima*), which is also an invasive species and on the City's prohibited species list. However, it also will feed on hundreds of other tree species such as black walnut, river birch, willow, sumac and red maple, all of which can be readily found throughout the City on private and public property. The result of the SLF feeding is not typically a direct cause of tree death (such as Emerald Ash Borer), however, it creates a sticky substance called honeydew when it feeds which can collect on the ground and result in the growth of sooty mold. Sooty mold can discolor and kill plants as well as create a foul odor, and attract other unwanted pests.

The SLF is potentially a direct threat to the fruit and grape growers in Michigan because the honeydew and sooty mold caused by SLF could be devastating to their crops. Crop loss could then affect through the tourism industry for those who like to go wine tasting in northern Michigan.

OC CISMA currently has SLF listed on the priority species list to help with early detection, prevention and control efforts, and the City will place SLF traps provided by OC CISMA in 2025 in natural areas where potential SLF entry is suspected. The traps work to mimic smooth tree bark using roof shingles when adults go to lay their eggs which typically takes place September-November, or until the first frost that kills off the SLF (known as the killing freeze).

Anyone who suspects they have found Spotted Lanternfly (or SLF eggs which would likely be the only sign of SLF during this time of year) should take pictures and report it at www.michigan.gov/eyesinthefield. It is important to have photos to include with the report so the MDARD can verify it is SLF and take the appropriate measures.

FISCAL IMPACT:
The City will place SLF traps provided by OC CISMA at no cost and monitor them in the later part of 2025, which requires a weekly inspection for approximately 12 weeks.

The City will also pursue grant funding through OC CISMA from the 2025 Michigan DNR invasive species grant for early detection, prevention and control of Spotted Lanternfly if necessary.

SUSTAINABILITY:
Control and suppression of the Spotted Lanternfly is important to help preserve and promote natural areas and forests, as well Michigan's large fruit and grape growing industries.

SLF reproduces rapidly and there aren't nearly enough natural predators to SLF in Michigan to keep an infestation under control, so once an infestation is present it can be extremely difficult to control the population. Pesticides must almost always be used to achieve an appropriate level of SLF control, therefore the prevention of SLF is much preferred.

PUBLIC COMMUNICATIONS:
The City intends to use social media posts to assist with public awareness.

SUMMARY:
Spotted Lanternfly is an invasive forest pest that could have significant consequences for fruit growers in Michigan as well as being a nuisance to people residing or visiting Birmingham. SLF isn't a direct cause of tree death that would wipe out thousands of trees like previous invasive forest pests such as Emerald Ash Borer or Dutch Elm Disease (a fungus spread by vectors/insects). However, the honeydew and sooty mold byproducts SLF creates could kill garden plants below infested trees, attract other unwanted pests, and would require pesticide for infestations to control.

SLF is most often spread though humans traveling from an infested location and having SLF "hitchhikers," such as eggs laid on a pallet or railcar or adult SLF insects finding their way into camping equipment, etc. SLF has been found in nearby communities such as Pontiac and Royal Oak, and the MDARD and OC CISMA have discovered its spread is following along train tracks,

likely because railyards are notorious for having plentiful Tree-of-heaven as it's an unchecked invasive species.

The City will place traps in its natural areas in 2025 to see if SLF can be detected and potentially help curtail its spread, although many organizations consider SLF and its introduction to be inevitable considering how quickly it has progressed in the United States since 2014 and the lack of natural predators.

All Michiganders are encouraged to be on the lookout for any signs of SLF and to take detailed photos, the location, and a date and time to report any suspected sightings at www.michigan.gov/eyesinthefield.

DESIGN CONSIDERATIONS:
Potential trap locations in natural areas along railways (Manor Park, Springdale Park and Golf Course, Derby Tank, etc.) will be scouted for Tree-of-heaven because of SLF's current spreading pattern.

ATTACHMENTS:

1. Spotted Lanternfly Forest Pest Alert – Michigan DNR
2. Photo of egg masses with different attributes
3. Photo of Tree-of-heaven

Forest Pest Alert

Spotted Lanternfly

(Lycorma delicatula)

Spotted Lanternfly is an invasive planthopper with the potential to seriously threaten Michigan agriculture and the environment. Spotted lanternfly causes direct damage by sucking sap from host plants, and indirectly damage through mold grown on its honeydew excretions, inhibiting plant growth and causing death. Great numbers of hungry lanternflies can stress hosts by depriving them of nutrients and carbohydrates plants need for growth and maintance.

What's the threat?

First found in the United States in 2014 in southeastern Pennsylvania, spotted lanternfly has rapidly spread. Confirmed observations of SLF have since been recorded in several states across the eastern United States. Egg masses are difficult to identify and can be transported to new areas on outdoor furniture, vehicles, or other objects.

What's at risk?

SLF poses a significant threat to the fruit, hops, nursery, landscape and logging industries. Some fruit hosts include apples, plums, cherries and grapes. Tree hosts include oak, willow, maple, and sycamore.

What is happening in Michigan?

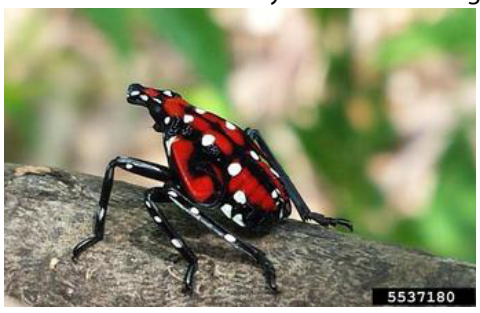
In July 2022, live spotted lanternfly was found in Oakland County. Treatment of the infested area was completed and MDARD is working to contain and limit the spread of this small population. Early detection is vital to protect Michigan businesses and agriculture.

What can you do?

If you see a suspect insect, try to collect them or take a photo, record the location, and report it. If you think you found an egg mass, do not disturb it. Record the location, take a photo, and report it. Reporting can be done at www.michigan.gov/eyesinthefield.

Photos by Lawrence Barringer, Pennsylvania Department of Agriculture

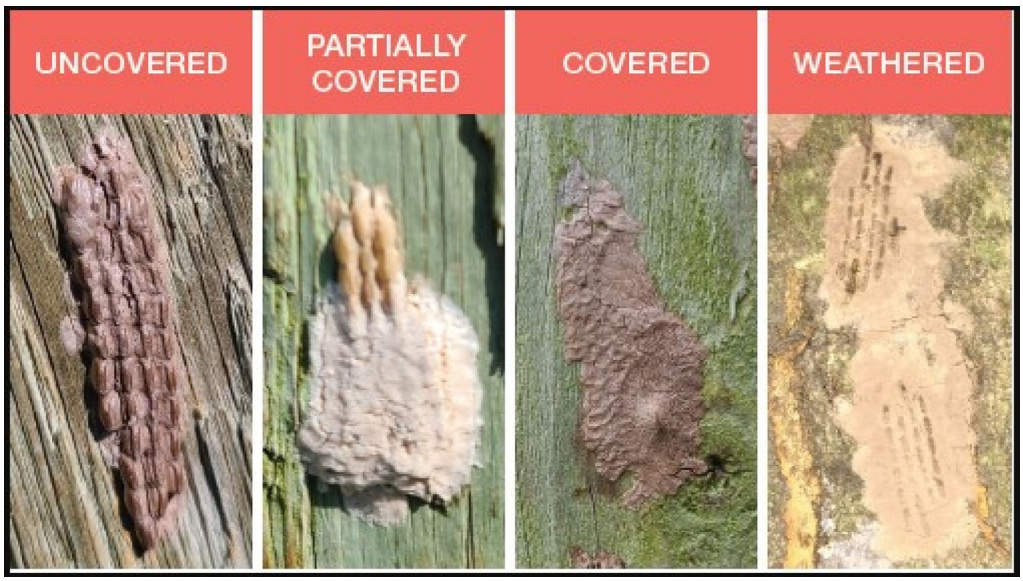
SLF eggs



SLF nymph

SLF adult

Report suspected spotted lanternfly:
www.michigan.gov/eyesinthefield
Learn more:
michigan.gov/exoticpests or michigan.gov/spottedlanternfly


UNCOVERED
PARTIALLY COVERED
COVERED
WEATHERED

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