

**Board Meeting  
Location Changed to**

**Willow Metropark  
Pool Food Bar**

**June 9**

**12:30 pm**

**AGENDA**  
**Work Session**  
**Huron-Clinton Metropolitan Authority**  
**Board of Commissioners Meeting**  
**June 9, 2022 – 11:00 a.m.**

**Willow Metropark Pool Food Bar and Via Zoom**

<https://us02web.zoom.us/j/84281215755?pwd=YkY5SndFQzhXNDNNSFBuTVBjZk1Kdz09>

**Meeting ID:** 842 8121 5755 / **Passcode:** 812374

Dial by your location: +1-929-205-6099 U.S. (New York) / +1-312-626-6799 U.S. (Chicago)

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1. Call to Order
2. Chairman's Statement
3. Introduction of Speaker – Artina Carter, Chief of Diversity, Equity and Inclusion
4. Keynote Address –
  - a. Questions and Answers – Board of Commissioners, Jessica Nordell
5. Public Participation
6. Commissioner Comments
7. Motion to Adjourn

**Agenda**  
**Huron-Clinton Metropolitan Authority**  
**Board of Commissioners Meeting**  
**June 9, 2022 – 1:00 p.m.**

**Willow Metropark – Pool Food Bar and via Zoom for the public**

<https://us02web.zoom.us/j/88520055982?pwd=cnUzK0FpM3Q1NmhOMHYrb0tKUFdLQT09>

**Meeting ID:** 885 2005 5982 / **Passcode:** HCMA2022

Dial by your location: +1 929 205 6099 (New York) / +1 301 715 8592 (Washington, D.C)

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1. Call to Order
2. Chairperson's Statement
3. Public Participation
4. Approval – May 12, 2022 minutes
5. Approval – June 9, 2022 Full Agenda
6. **Approval – June 9, 2022 Consent Agenda**
  - a. Approval – May 2022 Financial Statements
  - b. Approval – May 2022 Appropriation Adjustments **pg. 1**
  - c. Report – Capital Project Fund Update **pg. 3**
  - d. Report – Major Maintenance Update **pg. 9**
  - e. Purchases
    1. Report – Purchases over \$10,000 **pg. 12**
    2. Total Spend and Vendor Location **pg. 13**
    3. Utility Cart Vehicles **pg. 15**

**Regular Agenda**

7. **Reports**
  - A. **Administrative Department**
    1. Report – Climate Action Plan Update, Dr. Perry **pg. 16**
    2. Report – 2021 Audited Financials **pg. 17**
    3. Report – DEI Tier 3 Training Evaluation Data **pg. 129**
    4. Report – Electric Vehicle (EV) Initiatives **pg. 163**
    5. Purchase – Bandit Chipper/Stump Grinder **pg. 164**
  - B. **Financial Department**
    1. Report – Monthly Financial Review **pg. 165**
    2. Approval – 2021/2022 Tax Levy Report **pg. 178**
  - C. **Departmental Updates**
    1. Report – Natural Resources Update **pg. 181**
    2. Report – Planning and Development Update **pg. 188**
    3. Report – Interpretive Services Update **pg. 209**
    4. Report – DEI Update **pg. 220**
    5. Report – Marketing Update **pg. 223**
  - D. **Planning and Development**
    1. Report – Metropark to State Park Pathway Connector **pg. 224**
    2. Approval – Lower Huron Master Plan Update **pg. 267**
    3. Approval – Hudson Mills Master Plan Update **pg. 287**

7. **Reports**

**E. Engineering Department**

1. Approval – Change Order, Boat Launch Building, Stony Creek **pg. 306**
2. Bids – Accessible Kayak Launch, Lake St. Clair **pg. 308**
3. Approval – Storm Water Mapping **pg. 310**

**F. Natural Resources**

1. Report – Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award **pg. 339**
2. Approval – Project Funds Reallocation, Lake Erie Shoreline and Marsh Restoration project **pg. 341**

8. Election of Board Officers **pg. 353**

9. Leadership Update

- a. Report – Juneteenth Celebration Update

10. Other Business

11. Public Participation

12. Commissioner Comments

13. Motion to Adjourn

A work session will take place prior to the regular meeting  
**Thursday, June 9, 2022 – 11:00 a.m.**  
Willow Metropark Pool Food Bar and via Zoom

The next regular Metroparks Board meeting will take place  
**Thursday, July 14, 2022 – 1:00 p.m.**  
Hudson Mills Metropark – Park Office / Activity Center





To: Board of Commissioners  
From: Shedreka Miller, Chief of Finance  
Subject: Approval – March Appropriation Adjustments  
Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve the May 2022 Appropriation Adjustments as recommended by Chief of Finance Shedreka Miller and staff.

**Background:** The Metroparks ERP system provides a work-flow process to facilitate departmental budget management. Requested transfers are initiated by department staff and routed to the appropriate department head/district superintendent for review and approval. Finance provides a final review of the approved requests to verify that they do not negatively impact Fund Balance.

For the month of April, \$14,808 was transferred between general fund operation accounts. Transfers were also processed within the capital project fund totaling \$73,156. Tax adjustments resulted in a net increase in fund balance of \$7,428.

The result of these changes can be seen by Accounting Function and Location in the attached chart.

**Attachment: Appropriation Adjustments**

**Huron-Clinton Metropolitan Authority  
May 2022 Appropriation Transfer Summary**

| <b>Expense Accounts/Location</b>    | <b>Expense<br/>Increase/<br/>Revenue<br/>Decrease</b> | <b>Expense<br/>Decrease/<br/>Revenue<br/>Increase</b> | <b>Difference</b> |
|-------------------------------------|---|---|-------------------|
| <b>Major Maintenance</b>            |   |   |                   |
| Administrative Office               | \$ -  | \$ 9,085  | \$ (9,085)        |
| Lake St. Clair                      | 3,013   | -   | 3,013             |
| Kensington                          | 2,698   | -   | 2,698             |
| Lower Huron/Willow                  | 2,550   | -   | 2,550             |
| Lake Erie                           | 294   | -   | 294               |
| Wolcott                             | 530   | -   | 530               |
| <b>Total</b>                        | <b>\$ 9,085</b>                                       | <b>\$ 9,085</b>                                       | <b>\$ -</b>       |
| <b>Operations</b>                   |   |   |                   |
| Administrative Office               | \$ -  | \$ -  | \$ -              |
| Lake St. Clair                      | 1,395   | 1,395   | -                 |
| Kensington                          | 3,000   | 3,000   | -                 |
| Stony Creek                         | 1,328   | 1,328   | -                 |
| <b>Total</b>                        | <b>\$ 5,723</b>                                       | <b>\$ 5,723</b>                                       | <b>\$ -</b>       |
| <b>Total General Fund Transfers</b> |   |   |                   |
|                                     | <b>\$ 14,808</b>                                      | <b>\$ 14,808</b>                                      | <b>\$ -</b>       |
| <b>Capital Project Fund</b>         |   |   |                   |
| Administrative                      | \$ -  | \$ 73,156   | \$ (73,156)       |
| Lake St. Clair                      | 19,299  | -   | 19,299            |
| Kensington                          | 1,751   | -   | 1,751             |
| Lower Huron/Willow/Oakwoods         | 15,498  | -   | 15,498            |
| Hudson Mills                        | 14,342  | -   | 14,342            |
| Stony Creek                         | 20,019  | -   | 20,019            |
| Lake Erie                           | 2,246   | -   | 2,246             |
| <b>Total</b>                        | <b>\$ 73,156</b>                                      | <b>\$ 73,156</b>                                      | <b>\$ -</b>       |
| <b>Tax Adjustment</b>               |   |   |                   |
| Current                             | \$ -  | \$ 3,026  | \$ (3,026)        |
| Prior                               | -   | 4,401   | (4,401)           |
| <b>Total</b>                        | <b>\$ -</b>   | <b>\$ 7,428</b>                                       | <b>\$ (7,428)</b> |



To: Board of Commissioners  
From: Shedreka Miller, Chief of Finance  
Subject: Report – Monthly Capital Project Fund  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Capital Project Fund report as submitted by Shedreka Miller and staff.

**Background:** In 2018, the Board of Commissioners approved the creation of a capital project fund. To improve the information provided on specific capital improvement projects Finance is working on developing a monthly performance report.

The following columns of data are provided by project:

- Life-To-Date Total Project Budget
- Year-To-Date Total Project Expenditures
- Life-To-Date Total Project Expenditures
- Current Project Encumbrances (Funds committed through the purchase order process)
- Balance (Life-To-Date Budget less Life-To-Date Expenditures and Current Encumbrances)

This information has now been augmented to include the original budget. In addition, a new page has been added which provides a more detailed description of the project as well as the current status of the project and the current estimate of what year the project will be completed. It is anticipated that this additional information will allow the Board of Commissioners as well as the general public to stay up-to-date on the capital project work underway throughout the Metroparks.

Expenditures during May 2022 were primarily related to staff time and payments for contracted work were made. The following projects had significant expenses during the month:

- Stony Creek – Boat Launch Building Redevelopment
- Willow – Park Office Building
- Hudson Mills – Rapids View Area Development

**Attachment: May 2022 Capital Project Fund Update**

### May Capital Project Fund Report - Project Summary

| Location      | Original Project Title                                     | Project Description  | Amended Budget | Available Grant Funding | Project Status                              | Estimated Completion Yr |
|---------------|--|--|----------------|-------------------------|---|-------------------------|
| Lake St Clair | Black Creek Marsh Wetland Filtration Enhancement           | A natural shoreline project which will remove rip-rap, regrade slope and install native vegetation which will improved filtration of water entering the marsh and improve habitat as well as reducing erosion. | 299,922        | 160,000                 | To finish in Spring                         | 2022                    |
| Lake St Clair | Accessible Kayak Launch & Power Installation               |  | 56,151         |                         | In Design                                   | 2022                    |
| Lake St Clair | Backup Internet Fiber Installation                         | Comcast installation of underground fiber network  | 40,000         |                         | Complete                                    | 2022                    |
| Lake St Clair | Electrical Grid Replacement                                | Assessments, cost estimates, and project development for future projects to address electrical power infrastructure upgrades and repairs.  | 807,140        |                         | Currently finalizing alignment for phase    | 2026                    |
| Lake St Clair | Beach Restoration  | Multi-year EGLE grant project through 2023. Plantings and bird deterrents installation to improve water quality funding includes follow up water quality monitoring.   | 478,357        | 292,167                 | First phase complete                        | 2023                    |
| Lake St Clair | Michigan Coastal Management Program-Accessible Launch      | Accessible Kayak Launch - grant application has been made to Michigan Coastal Management Program.  | 407,711        | 196,425                 | In Design                                   | 2023                    |
| Lake St Clair | Entrance/Office Road Reconstruction                        | Reconstruction of deteriorating Entrance Road, Office road   | 1,109,369      |                         | Budgeted                                    | 2023                    |
| Lake St Clair | Wood Bridge near Interpretive Center Replacement           | Replace 70'-long wood structure damaged over past 3 years due to high water. Requires permits.   | 62,354         |                         | Budgeted                                    | 2022                    |
| Lake St Clair | Upgrade 4th Tollbooth                                      | Purchase new portable booth. Directional bore power to unit for RecTrac system.  | 27,538         |                         | Budgeted                                    | 2022                    |
| Kensington    | West Boat Launch - Accessible Kayak Launch                 | Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at West Boat Launch.  | 420,671        | 154,000                 | In Design                                   | 2022                    |
| Kensington    | Accessible Path from N Hickory Shelter to Restroom         | Pave 580 lf path from shelter to restrooms per the ADA Transition Plan.  | 66,273         |                         | Budgeted                                    | 2022                    |
| Kensington    | Accessible Path from S Martindale Shelter to Vault & Beach | Pave 950 lf path from shelter to restrooms and beach area per the ADA Transition Plan. Include concrete work needed for access mat across beach sand.  | 85,954         |                         | Budgeted                                    | 2022                    |
| Kensington    | Accessible Path from N Martindale Shelter to Beach         | Pave 250 lf path section along parking lot to connect shelter with beach area, food bar, and bathhouse.  | 30,212         |                         | Budgeted                                    | 2022                    |
| Dexter        | Delhi Launch & Take Out Renovations                        | Renovation of launch area at Delhi.  | 306,000        | 153,000                 | Budgeted                                    | 2022                    |
| Lower Huron   | North Fishing Site Redevelopment                           | Land and Water Conservation Fund grant funded project to improve accessibility and site amenities at the Walnut Grove Campground.  | 297,399        | 144,400                 | Construction Completed-Awaiting Grant money | 2022                    |
| Lower Huron   | Backup Internet Fiber Installation                         | Comcast installation of underground fiber network  | 185,362        |                         | In Construction                             | 2022                    |
| Lower Huron   | Toll Booth Replacement and Paving                          | Toll Booth replacement on existing pedestal at Oakwoods and Lower Huron - Beemis Road entrance.  | 30,000         |                         | In Construction                             | 2022                    |
| Lower Huron   | Turtle Cove Crosswalk Path                                 | Construction of a path and crosswalk from the Foxwoods parking lot to Turtle Cove  | 101,486        |                         | In Design                                   | 2022                    |
| Lower Huron   | Iron Bell Trail Project                                    | Michigan Natural Resources Trust Fund grant funded project to extend the Iron Bell trail from its current terminus to the north park entrance (Huron River Drive)  | 845,016        | 488,742                 | Awaiting Grant Agreement                    | 2022                    |
| Lower Huron   | Walnut Grove Campground Improvements                       | Land and Water Conservation Fund grant funded project to improve accessibility and site amenities at the Walnut Grove Campground.  | 784,600        | 450,000                 | Awaiting Grant Agreement                    | 2022                    |
| Lower Huron   | Off Leash Dog Area Development                             | Land and Water Conservation Fund grant funded project to develop a new fenced in area for off leash dog activities   | 330,800        | 165,400                 | Awaiting Grant Agreement                    | 2022                    |

### May Capital Project Fund Report - Project Summary

| Location     | Original Project Title  | Project Description  | Amended Budget | Available Grant Funding | Project Status                       | Estimated Completion Yr |
|--------------|---|--|----------------|-------------------------|--------------------------------------|-------------------------|
| Lower Huron  | New Slide Structure at Turtle Cove                            | Install new slide at Turtle Cover water park.  | 1,611,791      |                         | Budgeted                             | 2023                    |
| Lower Huron  | Accessible Path from Hawthorne Glade N Shelter to Turtle Cove | Pave 1,285 lf path from shelter to restrooms and Turtle Cove area per the ADA Transition Plan.   | 110,000        |                         | Budgeted                             | 2022                    |
| Lower Huron  | Accessible Path from Tulip Tree Shelter to Restrooms          | Pave 330 lf path from shelter to restrooms per the ADA Transition Plan; this area is not included in the Walnut Grove campground LWCF grant project.                                       | 30,000         |                         | Budgeted                             | 2022                    |
| Hudson Mills | Backup Internet Fiber Installation                            | Comcast installation of underground fiber network  | 7,994          |                         | Completed                            | 2022                    |
| Hudson Mills | Rapids View area Development                                  | Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Rapids View  | 659,972        | 226,900                 | In Design                            | 2022                    |
| Hudson Mills | Picnic Area Development at Canoe Launch                       | Michigan Natural Resources Trust Fund grant funded project to develop an accessible kayak launch and associated site amenities at Dexter-Huron   | 404,880        | 192,700                 | Awaiting Grant Agreement             | 2022                    |
| Hudson Mills | UST Removal   | Removal of underground storage tank at Golf Course   | 36,893         |                         | In Construction                      | 2022                    |
| Hudson Mills | Replace Vault Toilet with CXT                                 | Replace curren vault toilet with CXT.  | 111,131        |                         | Budgeted                             | 2022                    |
| Hudson Mills | Accessible Access to Activity Center Shelter                  | Pave 320 lf path from bike trail to AC shelter to make it ADA compliant. Include accessible tables/grill & concrete pad as part of project.  | 40,141         |                         | Budgeted                             | 2022                    |
| Hudson Mills | Convert Gas Storage Tanks for Above Ground                    | Conversion of gas storage tanks  | 127,273        |                         | In Design                            | 2022                    |
| Stony Creek  | Shelden Trails Redevelopment                                  | Redevelopment of the multi-use natural surface Shelden Trails system   | 863,845        | 50,000                  | In Construction                      | 2022                    |
| Stony Creek  | Boat Launch Building Redevelopment                            | Construction of a new restroom and shade structure at the boat lauch facility  | 1,992,038      | 50,000                  | In Construction                      | 2022                    |
| Stony Creek  | Development of Off Leash Dog Area                             | Michigan Natural Resources Trust Fund grant funded project to develop a new fenced in area for off leash dog activities  | 268,564        |                         | In Construction                      | 2022                    |
| Stony Creek  | Backup Internet Fiber Installation                            | Comcast installation of underground fiber network  | 80,000         |                         | Substantially Completed              | 2022                    |
| Stony Creek  | 26 Mile Rd. Connector - Bike Path                             | Transportation Alternatives Program grant (obtained by Macomb County) funded project to connect into the park from 26 Mile Road  | 28,725         |                         | Design Complete - State is reviewing | 2022                    |
| Stony Creek  | Golf Course Pumphouse & Irrigation System Replacement         | Replacement of intakes, pumps, controls, piping and heads. One year of design before construction.   | 1,000,000      |                         | In Design                            | 2023                    |
| Stony Creek  | Accessible Path from Winter Cove N to Winter Cove S Shelters  | Pave 625 lf in asphalt paths connecting both Wintercove shelters to lot, restroom and playground areas per the ADA Transition Plan.  | 56,118         |                         | Budgeted                             | 2022                    |
| Stony Creek  | Accessible Path from W Branch North Shelter to Restroom       | Pave 310 lf asphalt paths from shelter to restroom per the ADA Transition Plan.  | 62,064         |                         | Budgeted                             | 2022                    |
| Stony Creek  | Develop Shelter in former Banquet Tent Area                   | Replace Banquet Tent with shelter.   | 500,000        |                         | Budgeted                             | 2022                    |
| Stony Creek  | Seawall Repair & Washington Twp Fire Dept Boat Pier           | Repair the seawall at the Boat Launch / update parking lot lighting. Incorporate pier for Washington Twp. FD & Metroparks police boat.   | 572,192        |                         | Budgeted                             | 2022                    |
| Stony Creek  | Reflection Nature Trail Improvements                          | Removal and realignment of 1/2 mile of 6' wide asphalt path, 284 lf of 8' wide boardwalk, replacement of three existing footbridges, a 400sf overlook structure and pond dipping platform. | 931,200        | 465,600                 | Budgeted                             | 2022                    |

### May Capital Project Fund Report - Project Summary

| Location       | Original Project Title   | Project Description   | Amended Budget    | Available Grant Funding | Project Status           | Estimated Completion Yr |
|----------------|--|---|-------------------|-------------------------|--------------------------|-------------------------|
| Stony Creek    | Hike Bike Path & Bridge Replacement btwn Winter Cove & Mt Vernon | Replace with precast bridge between Wintercove and Mt. Vernon, original structure (15' x 40) is failing, uneven decking and enry, exit points. Leading to injuries from cyclists and rollerbladers. It is no longer safe to plow during the winter. Requires permits. | 80,458            |                         | Budgeted                 | 2022                    |
| Willow         | Park Office Replacement  | Construction of a new park office building at the north end of Willow Metropark to replace the sub-standard legacy facility at Lower Huron Metroparks.  | 2,762,185         |                         | In Construction          | 2022                    |
| Willow         | Backup Internet Fiber Installation                               | Comcast installation of underground fiber network   | 0                 |                         | In Review                | 2022                    |
| Willow         | Big Bend Shoreline Protection                                    | National Fish and Wildlife Foundation SE MI Resilience Fund grant project to mitigate Huron River streambank erosion and improve habitat  | 513,099           | 250,000                 | Design Started           | 2023                    |
| Willow         | Washago Pond Restoration   | Removal of that dam structure, sheet pile walls and docks and subsequent site restoration.  | 904,171           |                         | Budgeted                 | 2022                    |
| Willow         | Accessible Path from Fox Meadows N & S Shelters to Pool          | Pave 650 lf asphalt paths connecting both Fox Meadows shelters to the restroom and to the pool activity area/playground per the ADA Transition Plan.  | 65,000            |                         | Budgeted                 | 2022                    |
| Willow         | Willow Park Office Communicaiton Conduit                         | Connectivity to new park office   | 33,808            |                         |                          |                         |
| Oakwoods       | Backup Internet Fiber Installation                               | Comcast installation of underground fiber network   | 0                 |                         | In Review                | 2022                    |
| Oakwoods       | Accessible Nature Trail Development                              | Land and Water Conservation Fund grant funded project to develop an accessible nature trail and make associated site improvements   | 250,294           | 124,000                 | Awaiting Grant Agreement | 2022                    |
| Lake Erie      | Shoreline and Fish Habitat Restoration                           | This shoreline project will regrade the existing shoreline, install native vegetation as well as creating near-shore shoals. Channels and pools will also be created in the nearby marsh. This work will improve fish spawning habitat.                               | 1,630,908         | 1,404,353               | In Construction          | 2022                    |
| Lake Erie      | Boat Launch Fish Cleaning Station                                | Installation of an onsite fish cleaning station at the boat launch facility   | 45,000            | 122,500                 | Budgeted                 | 2023                    |
| Lake Erie      | Accessible Kayak Launch with Area Development                    | Land and Water Conservation Fund grant funded project to develop an accessible kayak launch and associated site amenities at the Boat Launch  | 245,406           |                         | Awaiting Grant Agreement | 2023                    |
| Lake Erie      | Cherry Island Nature Trail Improvements                          | Trail Improvements including aggregate trail from parking lot to new trail head and accessible amenities.   | 871,800           | 600,000                 | Awaiting Grant Agreement | 2022                    |
| Lake Erie      | Cove Point Vault Toilet Replacements                             | Cove Point vaults - removal/replacement of 2 vaults with CXTs.  | 101,783           |                         | Budgeted                 | 2022                    |
| Lake Erie      | Sewer Line Replacement at Boat Launch Building                   | Install new sewer line to service Boat Launch building, including pump upgrades and controls.   | 155,162           |                         | Budgeted                 | 2022                    |
| Wolcott        | Farm to Mill Trail Connector                                     | Development of a connector trail from the Farm to the Mill. Multi year project design and construction  | 1,000,958         |                         | Budgeted                 | 2024                    |
| Indian Springs | Backup Internet Fiber Installation                               | Comcast installation of underground fiber network   | 7,758             |                         | Completed                | 2022                    |
| Huron Meadows  | Backup Internet Fiber Installation                               | Comcast installation of underground fiber network   | 0                 |                         | In Review                | 2022                    |
|                |  |   | <u>24,934,926</u> | <u>5,690,187</u>        |                          |                         |

**Capital Project Status Report  
as of 05/31/2022**

| Location      | Project Title  | Original Budget | Amended Budget | Year to Date Transactions | Life to Date Transactions | Life to Date Encumbrance | Remaining Budget | Available Grant Funding |
|---------------|--|-----------------|----------------|---------------------------|---------------------------|--------------------------|------------------|-------------------------|
| Lake St Clair | Accessible Kayak Launch & Power Installation                     | 50,000          | 56,151         | 0                         | 0                         | 0                        | 56,151           |                         |
| Lake St Clair | Backup Internet Fiber Installation                               | 40,000          | 40,000         | 0                         | 0                         | 30,815                   | 9,185            |                         |
| Lake St Clair | Electrical Grid Replacement                                      | 802,216         | 807,140        | 9,311                     | 68,060                    | 48,480                   | 690,600          |                         |
| Lake St Clair | Beach Restoration  | 400,000         | 478,357        | 28,770                    | 331,633                   | 134,177                  | 12,548           | 292,167                 |
| Lake St Clair | Michigan Coastal Management Program-Accessible Launch            | 392,850         | 407,711        | 14,861                    | 19,883                    | 0                        | 387,828          | 196,425                 |
| Lake St Clair | Entrance/Office Road Reconstruction                              | 1,100,000       | 1,109,369      | 15,619                    | 15,619                    | 0                        | 1,093,750        |                         |
| Lake St Clair | Wood Bridge near Interpretive Center Replacement                 | 62,000          | 62,354         | 354                       | 354                       | 0                        | 62,000           |                         |
| Lake St Clair | Upgrade 4th Tollbooth  | 27,500          | 27,538         | 38                        | 38                        | 0                        | 27,500           |                         |
| Kensington    | West Boat Launch - Accessible Kayak Launch                       | 308,000         | 420,671        | 11,805                    | 28,261                    | 394,656                  | (2,245)          | 154,000                 |
| Kensington    | Accessible Path from N Hickory Shelter to Restroom               | 65,000          | 66,273         | 1,273                     | 1,273                     | 0                        | 65,000           |                         |
| Kensington    | Accessible Path from S Martindale Shelter to Vault & Beach       | 85,000          | 85,954         | 954                       | 954                       | 0                        | 85,000           |                         |
| Kensington    | Accessible Path from N Martindale Shelter to Beach               | 30,000          | 30,212         | 212                       | 212                       | 0                        | 30,000           |                         |
| Dexter        | Delhi Launch & Take Out Renovations                              | 306,000         | 306,000        | 0                         | 0                         | 0                        | 306,000          | 153,000                 |
| Lower Huron   | North Fishing Site Redevelopment                                 | 288,800         | 297,399        | 0                         | 290,799                   | 0                        | 6,600            | 144,400                 |
| Lower Huron   | Backup Internet Fiber Installation                               | 205,000         | 185,362        | 0                         | 150,000                   | 33,702                   | 1,660            |                         |
| Lower Huron   | Toll Booth Replacement and Paving                                | 30,000          | 30,000         | 0                         | 21,840                    | 0                        | 8,160            |                         |
| Lower Huron   | Turtle Cove Crosswalk Path                                       | 90,000          | 101,486        | 3,713                     | 11,486                    | 81,353                   | 8,648            |                         |
| Lower Huron   | Iron Bell Trail Project  | 716,700         | 845,016        | 11,087                    | 59,593                    | 766,274                  | 19,149           | 488,742                 |
| Lower Huron   | Walnut Grove Campground Improvements                             | 784,600         | 784,600        | 0                         | 0                         | 0                        | 784,600          | 450,000                 |
| Lower Huron   | Off Leash Dog Area Development                                   | 330,800         | 330,800        | 0                         | 0                         | 0                        | 330,800          | 165,400                 |
| Lower Huron   | New Slide Structure at Turtle Cove                               | 1,600,000       | 1,611,791      | 11,791                    | 11,791                    | 189,700                  | 1,410,300        |                         |
| Lower Huron   | Accessible Path from Hawthorne Glade N Shelter to Turtle Cove    | 110,000         | 110,000        | 0                         | 0                         | 0                        | 110,000          |                         |
| Lower Huron   | Accessible Path from Tulip Tree Shelter to Restrooms             | 30,000          | 30,000         | 0                         | 0                         | 0                        | 30,000           |                         |
| Hudson Mills  | Backup Internet Fiber Installation                               | 40,000          | 7,994          | 1,144                     | 1,144                     | 0                        | 6,850            |                         |
| Hudson Mills  | Rapids View area Development                                     | 453,800         | 659,972        | 227,422                   | 264,852                   | 401,410                  | (6,290)          | 226,900                 |
| Hudson Mills  | Picnic Area Development at Canoe Launch                          | 385,500         | 404,880        | 7,479                     | 19,380                    | 0                        | 385,500          | 192,700                 |
| Hudson Mills  | UST Removal  | -               | 36,893         | 9,081                     | 15,397                    | 22,728                   | (1,232)          |                         |
| Hudson Mills  | Replace Vault Toilet with CXT                                    | 110,000         | 111,131        | 1,131                     | 1,131                     | 0                        | 110,000          |                         |
| Hudson Mills  | Accessible Access to Activity Center Shelter                     | 40,000          | 40,141         | 141                       | 141                       | 0                        | 40,000           |                         |
| Hudson Mills  | Convert Gas Storage Tanks for Above Ground                       | 150,000         | 127,273        | 0                         | 0                         | 0                        | 127,273          |                         |
| Stony Creek   | Shelden Trails Redevelopment                                     | 182,689         | 863,845        | (25,000)                  | 812,360                   | 29,500                   | 21,985           | 50,000                  |
| Stony Creek   | Boat Launch Building Redevelopment                               | 1,750,000       | 1,992,038      | 477,215                   | 934,327                   | 1,044,051                | 13,660           | 50,000                  |
| Stony Creek   | Development of Off Leash Dog Area                                | 138,500         | 268,564        | 24,383                    | 241,633                   | 31,056                   | (4,125)          |                         |
| Stony Creek   | Backup Internet Fiber Installation                               | 80,000          | 80,000         | 0                         | 0                         | 70,407                   | 9,593            |                         |
| Stony Creek   | 26 Mile Rd. Connector - Bike Path                                | -               | 28,725         | 6,861                     | 28,725                    | 7,120                    | (7,120)          |                         |
| Stony Creek   | Golf Course Pump House & Irrigation System Replacement           | 1,000,000       | 1,000,000      | 0                         | 0                         | 0                        | 1,000,000        |                         |
| Stony Creek   | Accessible Path from Winter Cove N to Winter Cove S Shelters     | 55,000          | 56,118         | 1,118                     | 1,118                     | 0                        | 55,000           |                         |
| Stony Creek   | Accessible Path from W Branch North Shelter to Restroom          | 35,000          | 62,064         | 9,114                     | 9,114                     | 52,950                   | 0                |                         |
| Stony Creek   | Develop Shelter in former Banquet Tent Area                      | 500,000         | 500,000        | 0                         | 0                         | 0                        | 500,000          |                         |
| Stony Creek   | Seawall Repair & Washington Twp Fire Dept Boat Pier              | 570,000         | 572,192        | 2,192                     | 2,192                     | 0                        | 570,000          |                         |
| Stony Creek   | Reflection Nature Trail Improvements                             | 931,200         | 931,200        | 0                         | 0                         | 0                        | 931,200          | 465,600                 |
| Stony Creek   | Hike Bike Path & Bridge Replacement btwn Winter Cove & Mt Vernon | 800,000         | 80,458         | 458                       | 458                       | 0                        | 80,000           |                         |
| Willow        | Park Office Replacement  | 2,121,300       | 2,762,185      | 260,933                   | 2,316,157                 | 273,305                  | 172,722          |                         |
| Willow        | Backup Internet Fiber Installation                               | 40,000          | 0              | 0                         | 0                         | 0                        | 0                |                         |
| Willow        | Big Bend Shoreline Protection                                    | 501,593         | 513,099        | 9,935                     | 23,530                    | 4,132                    | 485,437          | 250,000                 |
| Willow        | Washago Pond Restoration   | 903,697         | 904,171        | 474                       | 4,171                     | 0                        | 900,000          |                         |
| Willow        | Accessible Path from Fox Meadows N & S Shelters to Pool          | 65,000          | 65,000         | 0                         | 0                         | 0                        | 65,000           |                         |

**Capital Project Status Report  
as of 05/31/2022**

| <b>Location</b> | <b>Project Title</b>                           | <b>Original Budget</b> | <b>Amended Budget</b> | <b>Year to Date Transactions</b> | <b>Life to Date Transactions</b> | <b>Life to Date Encumbrance</b> | <b>Remaining Budget</b> | <b>Available Grant Funding</b> |
|-----------------|--|------------------------|-----------------------|----------------------------------|----------------------------------|---------------------------------|-------------------------|--------------------------------|
| Willow          | Willow Park Office Communicaiton Conduit       | -                      | 33,808                | 0                                | 0                                | 33,808                          | 0                       |                                |
| Oakwoods        | Backup Internet Fiber Installation             | 40,000                 | 0                     | 0                                | 0                                | 0                               | 0                       |                                |
| Oakwoods        | Accessible Nature Trail Development            | 248,000                | 250,294               | 0                                | 2,294                            | 0                               | 248,000                 | 124,000                        |
| Lake Erie       | Shoreline and Fish Habitat Restoration         | 1,600,000              | 1,630,908             | 31,699                           | 239,581                          | 1,123,358                       | 267,969                 | 1,404,353                      |
| Lake Erie       | Boat Launch Fish Cleaning Station              | 45,000                 | 45,000                | 0                                | 0                                | 0                               | 45,000                  | 122,500                        |
| Lake Erie       | Accessible Kayak Launch with Area Development  | 245,000                | 245,406               | 0                                | 406                              | 0                               | 245,000                 |                                |
| Lake Erie       | Cherry Island Nature Trail Improvements        | 870,800                | 871,800               | 0                                | 0                                | 0                               | 871,800                 | 600,000                        |
| Lake Erie       | Cove Point Vault Toilet Replacements           | 100,000                | 101,783               | 1,783                            | 1,783                            | 0                               | 100,000                 |                                |
| Lake Erie       | Sewer Line Replacement at Boat Launch Building | 150,000                | 155,162               | 5,162                            | 5,162                            | 0                               | 150,000                 |                                |
| Wolcott         | Farm to Mill Trail Connector                   | 1,000,000              | 1,000,958             | 0                                | 958                              | 0                               | 1,000,000               |                                |
| Indian Springs  | Backup Internet Fiber Installation             | 40,000                 | 7,758                 | 0                                | 0                                | 0                               | 7,758                   |                                |
| Huron Meadows   | Backup Internet Fiber Installation             | 80,000                 | 0                     | 0                                | 0                                | 0                               | 0                       |                                |
|                 |  | <u>23,379,545</u>      | <u>24,934,926</u>     | <u>1,162,513</u>                 | <u>6,035,428</u>                 | <u>4,772,981</u>                | <u>\$ 14,126,517</u>    | <u>\$ 5,690,187</u>            |





To: Board of Commissioners  
From: Shedreka Miller, Chief of Finance  
Subject: Report – Monthly Major Maintenance Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Major Maintenance report as submitted by Shedreka Miller and staff.

**Background:** The Metroparks track the costs associated with periodic or infrequent repairs or maintenance that do not meet the criteria for capitalization in a function of our chart of accounts known as major maintenance. Staff uses a project accounting system to budget, record and report these costs. To provide the Board and the broader public with improved information surrounding major maintenance projects we have developed a monthly Major Maintenance Status report.

The report includes the location, project title from the budget document, a brief description of the work, the original budget funding, the current amended budget, year-to-date transactions, life-to-date transactions, life-to-date encumbrance balance, the remaining budget and the project status.

Most major maintenance repairs are completed within one year. Occasionally projects require additional time to complete.

As of the end of May, there has been a lot of work contracted or started but year-to-date expenses are 6.1 percent of the total budget.

**Attachment: May 2022 Major Maintenance Status Report**

**Major Maintenance Status Report  
as of 5/31/2022**

| Location              | Project Title   | Project Description   | Original Budget | Amended Budget | Year to Date Transactions | Life to Date Transactions | Life to Date Encumbrance | Remaining Budget | Project Status                       |
|-----------------------|---|---|-----------------|----------------|---------------------------|---------------------------|--------------------------|------------------|--------------------------------------|
| Administrative Office | Interior/Exterior Door Replacement                          | Replace Doors   | -               | 15,908         | 17,957                    | 17,957                    | 0                        | (2,049)          | Completed-4/4/22                     |
| Administrative Office | Interior/Exterior Door Replacement                          | Replace Doors   | 20,000          | 0              | 0                         | 0                         | 0                        | 0                | Project brought over with 2021 funds |
| Lake St Clair         | North/South Marina Dock Electrical                          | Replace electrical conductors that feed the power to the pedestals for boaters at the North Marina rental slips. Current electrical has been damaged due to high water levels | 150,000         | 16,021         | 495                       | 16,021                    | 0                        | 0                |                                      |
| Lake St Clair         | Pool Slide Pump Conduit & Conductor Replacement             | Replace pump on pool slide  | -               | 154,723        | 0                         | 171,122                   | 0                        | (16,399)         | Complete-2/14/22                     |
| Lake St Clair         | Fishing Pier Replacements                                   | Donation Funded project   | -               | 182,190        | 7,063                     | 13,040                    | 169,150                  | 0                | Carry Over                           |
| Lake St Clair         | Beach Soil/Containment Removal                              | In excess of 50,000 cubic yards of seaweed and other debris have accumulated from beach cleaning  | -               | 50,000         | 49,250                    | 49,250                    | 0                        | 750              | Completed-1/24/22                    |
| Lake St Clair         | Boardwalk Re-Surface of Remaining 1,100 ft                  | Continuation of decking Replacement and Repairs   | 150,000         | 1,143          | 1,143                     | 1,143                     | 0                        | 0                |                                      |
| Lake St Clair         | Stormwater Drainage Repairs on Culverts                     | Replacement of deteriorated culverts throughout the park  | 45,000          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Lake St Clair         | Culvert Replacemet (CUL-LSC-002, 009, 029)                  | Replacement of old deteriorated culverts-part of plan   | 26,191          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Kensington            | Dam Concrete Work   | Fix concrete spalling   | 247,000         | 3,698          | 0                         | 3,698                     | 0                        | 0                |                                      |
| Kensington            | Restripe roadways/crosswalks parkwide, accessible parking   | Replacement of faded pavement markings  | 25,000          | 279            | 279                       | 279                       | 0                        | 0                |                                      |
| Kensington            | Repainting of Sprayzone towers and fence (at Martindale)    | Painting of steel structures and fencing  | 100,000         | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Kensington            | Island Road repairs   | Roadway Edge and Surface Repairs  | 438,000         | 402,402        | 7,337                     | 7,337                     | 395,065                  | 0                | In Design                            |
| Kensington            | Spring Hill Swing Set Replacement                           | Replacement of old play equipment   | 30,000          | 21,525         | 370                       | 370                       | 21,155                   | 0                |                                      |
| Kensington            | Golf Course Pump Control Panels                             | Emergency repair of pump house control panels due to flooding   | -               | 0              | 18,829                    | 18,829                    | 80,540                   | (99,369)         |                                      |
| Kensington            | Roadway Overbanding   | Overbanding on Roadways throughout the park   | -               | 0              | 0                         | 0                         | 19,840                   | (19,840)         |                                      |
| Kensington            | Trail Improvement - Martindale north to Shore Fishing       | Replaces the existing failing asphalt surface on the bike trail   | 427,000         | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Kensington            | Shore Line Restoration (SLR-KEN-002/003)                    | Shoreline erosion mitigation  | 73,000          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Kensington            | Boat Launch Building & Seawall Repairs                      | Repairs to the steel on the existing seawall  | 30,000          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Kensington            | Replace culverts (CUL-Ken-041,85,89)                        | Replacement of old deteriorated culverts  | 17,000          |                |                           |                           |                          |                  |                                      |
| Lower Huron           | Replacement of Starter Tub-Turtle Cove                      | Replacement of the starting tub for the Turtle Cove green tube slide. Located at the top of the slide tower, crane needed to assist in replacement.                           | -               | 30,227         | 21,768                    | 30,866                    | 17,392                   | (18,031)         |                                      |
| Lower Huron           | Woods Creek Restroom Furnace                                | Install furnace in restroom closest to new Playground   | -               | 11,265         | 11,265                    | 11,265                    | 0                        | 0                | Complete-2/3/22                      |
| Lower Huron           | Turtle Cove UV Light Replacement                            | Replacement of ultraviolet disinfection for pool  | 25,000          | 14,299         | 0                         | 0                         | 14,299                   | 0                | In Progress                          |
| Lower Huron           | Turtle Cove - Marcite Annual Repairs                        | General annual surface repairs  | 15,000          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Lower Huron           | Turtle Cove Splash Pad Resurfacing                          | Splash area concrete surface coating  | 30,000          | 19,750         | 0                         | 0                         | 19,750                   | 0                |                                      |
| Lower Huron           | Rebudget - Turtle Cove VFD Panels Replacement               | Control panel variable speed drive controller replacements  | 35,000          | 33,170         | 0                         | 0                         | 33,170                   | 0                |                                      |
| Lower Huron           | Lower Huron North End Parkway Resurfacing                   | Roadway surface repairs   | 650,000         | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Lower Huron           | Lower Huron Drainage/Culvert Replacement CUL LH 564 Camp Dr | Replacement of old deteriorated culverts  | 12,090          | 0              | 0                         | 0                         | 0                        | 0                |                                      |
| Hudson Mills          | Golf Starter Building Roof Replacement                      | Replacement of flat roof section  | 80,000          | 1,220          | 0                         | 1,220                     | 0                        | 0                |                                      |

**Major Maintenance Status Report  
as of 5/31/2022**

| Location       | Project Title  | Project Description  | Original Budget     | Amended Budget      | Year to Date Transactions | Life to Date Transactions | Life to Date Encumbrance | Remaining Budget   | Project Status    |
|----------------|--|--|---------------------|---------------------|---------------------------|---------------------------|--------------------------|--------------------|-------------------|
| Hudson Mills   | Golf Course Pump Station Upgrades                                | Replacement pumps  | -                   | 66,000              | 0                         | 65,000                    | 1,000                    | 0                  | Open              |
| Hudson Mills   | Cart Path Repairs  | Asphalt cart path surface repairs  | 40,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Hudson Mills   | Replace Outfalls (SDC-HUD-001, 009, 016) per Storm Mgmt Plan     | Replacement of stormwater discharge culvert (SDC) outfalls   | 14,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Stony Creek    | Golf Course Culvert Installs for Water Drainage                  | Cut cart path and install culvert to eliminate wet areas   | 40,000              | 27,250              | 20,250                    | 20,250                    | 7,000                    | 0                  | Open              |
| Stony Creek    | Pavement Markings  | Address worst portions of trail and roadway  | -                   | 18,950              | 0                         | 15,010                    | 3,940                    | 0                  | Open              |
| Stony Creek    | Restriping of park roads, hike-bike paths & crosswalks           | Restriping of pavement markings  | 35,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Stony Creek    | Small Well Replacement   | New well and controller for supplemental water well  | 30,000              | 305                 | 305                       | 305                       | 0                        | 0                  |                   |
| Stony Creek    | Stormwater Drainage Repairs on Culverts                          | Replacement of deteriorated culverts   | 50,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Willow         | Hike Bike Trail Reconstruction-Oakwoods Connector to Chestnut Rd | Hike bike trail resurface and correct drainage issue between Oakwoods and Willow Metroparks.                                   | -                   | 157,331             | 16,353                    | 151,262                   | 0                        | 6,069              | Completed-2/1/22  |
| Willow         | Hike Bike Trail CSX Crossing Accessibility Improvements          | Trail Improvements   | -                   | 1,722               | 1,722                     | 1,722                     | 0                        | 0                  |                   |
| Willow         | Willow Woodscreek Trailhead Relocation                           | Installation of new trailhead signage  | 15,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Lake Erie      | Marina Building Use Evaluation                                   | Marina Building Use Evaluation   | -                   | 30,000              | 0                         | 20,500                    | 7,500                    | 2,000              | Carry Over        |
| Lake Erie      | Boat Launch Sanitary Updates                                     | Replacement of nonfunctioning sewer line and pumps   | -                   | 102                 | 0                         | 102                       | 0                        | 0                  | Carry Over        |
| Lake Erie      | Dredge Marina Channel and Relocate Spoils pile                   | Dredging and moving of previous spoils piles   | 150,000             | 5,583               | 15,632                    | 18,670                    | 0                        | (13,087)           | In Design         |
| Lake Erie      | Marcite Repair at Shallow End of Wave Pool                       | Total replacement of the Wave pool shallow end marcite, roughly 12,500 sq ft.  | -                   | 388,918             | 0                         | 67,067                    | 321,852                  | 0                  | Carry Over        |
| Lake Erie      | Wave Pool Plaza Cement Work                                      | Various sections of cement around wave pool plaza; to include a section of the hike bike path behind pool mechanical building. | -                   | 74,866              | 1,856                     | 16,938                    | 54,058                   | 3,870              | Carry Over        |
| Lake Erie      | Museum Wall Repair   | Repair of leaning pation retaining wall  | 100,000             | 1,695               | 1,695                     | 1,695                     | 0                        | 0                  |                   |
| Lake Erie      | Golf Maintenance Building Repairs                                | Repair/replace a wall, window and exterior siding of the Lake Erie golf course maintenance building.                           | -                   | 14,650              | 23,350                    | 23,350                    | 0                        | (8,700)            | Carry Over        |
| Lake Erie      | Marina Boiler Vent Stack Repair                                  | Repair of existing heating vent stack on the marina building   | -                   | 23,906              | 0                         | 15,000                    | 8,906                    | 0                  | Carry Over        |
| Lake Erie      | Nature trail boardwalk repairs of Northern Trapper run           | Replacement of deteriorated wooded boardwalk   | 35,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Lake Erie      | Replace electric wiring at Marina boat docks                     | Upgrade existing wiring to marina pedestals  | 50,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Lake Erie      | SWMP Projects-Drainage/Culvert Replacement-LE036, 005, 006, 015  | Replacement of deteriorated culverts   | 16,354              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Wolcott        | Fill in Raceway at Mill  | Project to look at filling in the raceway beneath the Mill   | -                   | 80,000              | 0                         | 0                         | 0                        | 80,000             | Carry Over        |
| Wolcott        | Door Replacement for Dairy Barn                                  | Replace deteriorated doors   | 37,800              | 44,664              | 6,864                     | 6,864                     | 33,060                   | 4,740              |                   |
| Indian Springs | Dome Polishing & Seal Replacement. Carpet Replacement            | Polishing and resealing of the interior and exterior surface of the underwater dome  | -                   | 271,873             | 2,347                     | 265,728                   | 1,158                    | 4,988              | Open              |
| Indian Springs | Steel Beam Repair  | Steel Beam at Repair at Golf Course  | -                   | 11,700              | 11,700                    | 11,700                    | 0                        | 0                  | Completed-2/14/22 |
| Indian Springs | Pumphouse Upgrades at Golf Course                                | Pumps house replacement of pump, valves, and controls  | 431,000             | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Indian Springs | Replace Irrigation Head control system at Golf Course            | Replacement of irrigation head control system  | 85,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Indian Springs | Replace Culverts (CUL-IND-22,29,34)                              | Replace deteriorated culverts  | 16,000              | 0                   | 0                         | 0                         | 0                        | 0                  |                   |
| Huron Meadows  | Golf Starter Building Roof Replacement                           | Replacement of the existing shingle roof on the starter building   | 75,000              | 25,653              | 76                        | 25,653                    | 0                        | 0                  | Carry over        |
|                |  |  | <u>\$ 3,845,435</u> | <u>\$ 2,202,990</u> | <u>\$ 237,907</u>         | <u>\$ 1,069,214</u>       | <u>\$ 1,208,833</u>      | <u>\$ (75,058)</u> |                   |



To: Board of Commissioners  
From: Amy McMillan, Director  
Project Title: Update – Purchases over \$10,000  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the update for purchases over \$10,000, up to, and including \$25,000 as submitted by Director Amy McMillan and staff.

**Background:** On May 9, 2013, the Board approved the updated financial policy requiring the Director to notify the Board of purchases exceeding \$10,000, up to, and including \$25,000.

The following list contains purchases exceeding the \$10,000 threshold:

| <u>Vendor</u>               | <u>Description</u>                   | <u>Price</u> |
|-----------------------------|--------------------------------------|--------------|
| 1. Amerinet                 | Comprehensive 24x7 E-mail Support    | \$25,767     |
| 2. Bell Equipment           | Madvac LP61-G Portable Litter Vacuum | \$24,160     |
| 3. Penchura LLC             | Spring Hill Swing Replacement        | \$21,155     |
| 4. The Allen Law Group PC   | Attorney and Paralegal Fees          | \$19,975     |
| 5. American Generator Sales | Winco Generator for Wolcott          | \$14,060     |
| 6. North End Electric Co    | Pump Repairs                         | \$11,365     |
| 7. Amerinet                 | FortiClient Fabric Agent             | \$10,807     |



To: Board of Commissioners  
From: Amy McMillan, Director  
Project Title: Purchases – Total Spent and Vendor Locations  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the update for total spent and vendor locations as submitted by Director Amy McMillan and staff.

**Background:** Each month the Purchasing Department summarizes the total amount spent on capital equipment purchases, major maintenance, and park projects and includes the location of vendors, either within or outside the Metroparks five-county region as well as the effect of DEI, living wage, and the Metroparks local preference policy.

**Attachment: Award Requests**

## Award Requests for June 2022

| Vendor                                 | Vendor Location   | Description  | Park Location  | Total Request       | Five-County         | Greater Michigan    | Outside Michigan | Effect of DEI, Living Wage, and Local Preference Policies |
|--|-------------------|--|--|---------------------|---------------------|---------------------|------------------|---|
| Bandit Industries                      | Remus             | Bandit Chipper and Stump Grinder                           | Natural Resources  | \$148,960.00        |                     | \$148,960.00        |                  |   |
| Midwest Golf & Turf                    | Commerce Township | Carryall Vehicles  | Lake St. Claire, Stony Creek   | \$45,818.30         | \$45,818.30         |                     |                  |   |
| ECT                                    | Ann Arbor         | Storm Water Outfall Location, Testing and Data Acquisition | Lake St Clair, Oakwoods, Willow, Lower Huron, Lake Erie, Stony, Kensington and Delhi | \$27,950.00         | \$27,950.00         |                     |                  |   |
| JSS-Macomb, LLC                        | ShelbyTwp.        | Accessible Kayak Launch                                    | Lake St Clair  | \$525,513.61        | \$525,513.61        |                     |                  |   |
| <b>Totals:</b>                         |                   |  |  | <b>\$748,241.91</b> | <b>\$599,281.91</b> | <b>\$148,960.00</b> | <b>\$0.00</b>    |   |
| <b>Percent of Total Award Request:</b> |                   |  |  |                     | 80.09%              | 19.91%              | 0.00%            |   |



To: Board of Commissioners  
 From: Travis Grubb, Senior Buyer  
 Project No: ITB 2022-016  
 Project Title: Purchase – Four (4) Utility Cart Vehicles  
 Location: Lake St. Clair and Stony Creek Metropark  
 Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve ITB 2022-016 to Midwest Golf & Turf Acquisitions LLC of Commerce Township, Michigan, the low responsive, responsible bidder for the purchase of four (4) new utility carts in the total amount of \$45,818.30 as recommended by Senior Buyer Travis Grubb and staff.

**Fiscal Impact:** Funds will come from the Board approved 2022 Capital Equipment budget, which allowed \$43,800.00 for the equipment. The \$45,818.30 is \$2,018.30 over budget. The additional \$2,018.30 will come from savings realized from future capital equipment purchases.

**Scope of Work:** Furnish and deliver four (4) new pieces of equipment as follows:

| <u>Description / Location / Unit Replaced</u>  | <u>Cost</u>        | <u>Budget</u>      |
|--|--------------------|--------------------|
| <b>Lake St. Clair</b>  |                    |                    |
| • Club Car Carryall 500 utility cart<br>- Replaces #1823: 2002 Club Car Carryall with 7249 hours | \$11,062.77        | \$ 9,800.00        |
| • Club Car Carryall 700 utility cart<br>- Replaces #518: 2004 Toro 1100 with 1532 hours          | \$14,044.09        | \$16,000.00        |
| <b>Stony Creek</b>   |                    |                    |
| • Club Car Carryall 300 utility cart<br>- Replaces #789: 2005 Toro 1100 with 912 hours           | \$10,355.72        | \$ 9,000.00        |
| • Club Car Carryall 300 utility cart<br>- Replaces #801: 2011 Club Car Turf I                    | <u>\$10,355.72</u> | <u>\$ 9,000.00</u> |
| <b>TOTALS</b>  | <b>\$45,818.30</b> | <b>\$43,800.00</b> |

**Background:** The proposed purchase was competitively bid and the ITB was posted on the Michigan Intergovernmental Trade Network (MITN) site, which provided notice to 74 vendors, of which 10 vendors downloaded the ITB.

The Metroparks received bids for Cushman and Club Car equipment. After reviewing the product details, staff is requesting approval to purchase Club Car equipment as it is built with aluminum and will better resist rust and damage and has a higher towing capacity and larger tires. Staff prefers the Club Car equipment due to the interchangeability of parts and accessories that the Metroparks already owns, and for driver training consistency.

| <u>Vendor</u>       | <u>Location</u>       | <u>Price</u> |
|---------------------|-----------------------|--------------|
| Midwest Golf & Turf | Commerce Township, MI | \$45,818.30  |

Spartan Distributors also responded with a no bid document.



To: Board of Commissioners  
From: Amy McMillan, Director  
Subject: Report – Metroparks Climate Action Plan Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Metroparks Climate Action Plan update as requested by Director Amy McMillan and staff.

**Background:** Dr. Elizabeth (Bess) Perry from Michigan State University will update the Board (via Zoom) on the progress of the Climate Action Plan, which was approved by the Board at the January 2022 meeting.





To: Board of Commissioners  
From: Shedreka Miller, Chief of Finance  
Subject: Report – 2021 Audited Financial Statements  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the 2021 Annual Comprehensive Financial Report as recommended by Chief of Finance Shedreka Miller and staff.

**Summary:** The Authority's auditing firm, Plante Moran, has completed their audit of the Metroparks 2021 accounting records, pension plan, retiree health care trust and related financial statements. Together with Plante Moran's Audited Financial Statements, staff compiled the Authority's 2021 Annual Comprehensive Financial Report, which is provided for review. Mr. David Helisek will be available to review the 2021 Audited Financial Statements with the Board at that time.

**Background:** Staff is pleased to report that Plante Moran have issued an unqualified opinion, meaning the Audited Financial Statements fairly present the financial position of the governmental activities and each major fund of the Authority as of Dec. 31, 2021, in conformity with generally accepted accounting principles. Plante Moran conducted their audit following generally accepted auditing standards for them to obtain reasonable assurance that the Authority's financial statements are free of any material misstatements.

As reflected on the Government Wide Statement of Net Position, the Authority's total net position at \$234.8 million increased by \$11.9 million from the 2020 net position of \$222.9 million. The total General Fund – Fund Balance is reported at \$48.7 million, an increase of \$3.4 million. The increase to the General Fund – Fund Balance is \$2.3 million lower than the previous year increase.

The Huron-Clinton Metroparks Foundation was reported as a component unit, which agreed with governmental accounting standards.

The 2021 General Fund Committed Fund Balance totals \$5.4 million. This represents Committed for Land Acquisition (\$4.7 million) and Committed for Rate Stabilization (\$0.7 million). The 2021 Assigned Fund Balance totals \$15.4 million. This represents Assigned for Compensated Absences (\$3.6 million), Assigned for Encumbrances (\$1.2 million), Assigned for Planned Use of Fund Balance (\$5.2 million) and Assigned for Detroit Riverfront Conservancy (\$5.4 million). The 2021 Unassigned Fund Balance stands at \$26.2 million. This level of Unassigned Fund Balance represents 43.9 percent of General Fund revenues. The Statement of Revenues and Expenditures shows 2021 General Fund expenditures and transfers out at \$56.3 million against revenues of \$59.7 million producing a surplus of \$3.4 million.

The Authority intends to submit this 2021 Annual Comprehensive Financial Report to the Government Finance Officers Association Certificate of Excellence in Financial Reporting program. The Authority has received a Certificate of Achievement for the last 20 years and staff believes this 2021 report will continue to earn this distinction. This achievement would not be possible without the dedicated work efforts of the entire Finance Department. Lastly, the policy states that all Authority fees and charges will be reviewed and approved by the Board of Commissioners on an annual basis.

**Attachment: 2021 Annual Comprehensive Financial Report**

May 24, 2022

To the Board of Commissioners and Management  
Huron-Clinton Metropolitan Authority

We have audited the financial statements of Huron-Clinton Metropolitan Authority (the "Authority") as of and for the year ended December 31, 2021 and have issued our report thereon dated May 24, 2022. Professional standards require that we provide you with the following information related to our audit, which is divided into the following sections:

Section I - Internal Control Related Matters Identified in an Audit

Section II - Required Communications with Those Charged with Governance

Section III - Other Recommendations and Related Information

Sections I and II include information that we are required to communicate to those individuals charged with governance of the Authority. Section I communicates deficiencies we observed in the Authority's internal control that we believe are a material weakness and a significant deficiency. Section II communicates significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process.

Section III presents recommendations related to internal control, procedures, and other matters noted during our current year audit. These comments are offered in the interest of helping the Authority in its efforts toward continuous improvement, not just in the areas of internal control and accounting procedures, but also in operational or administrative efficiency and effectiveness.

We would like to take this opportunity to thank the Authority's staff for the cooperation and courtesy extended to us during our audit. Their assistance and professionalism are invaluable.

This report is intended solely for the use of the board of commissioners and management of the Authority and is not intended to be and should not be used by anyone other than these specified parties.

We welcome any questions you may have regarding the following communications, and we would be willing to discuss these or any other questions that you might have at your convenience.

Very truly yours,

**Plante & Moran, PLLC**



David H. Helisek  
Partner

## Section I - Internal Control Related Matters Identified in an Audit

In planning and performing our audit of the financial statements of the Authority as of and for the year ended December 31, 2021, in accordance with auditing standards generally accepted in the United States of America, we considered the Authority's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, we do not express an opinion on the effectiveness of the Authority's internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be significant deficiencies or material weaknesses, and, therefore, material weaknesses or significant deficiencies may exist that were not identified.

However, as discussed below, we identified a certain deficiency in internal control that we consider to be a material weakness and another deficiency that we consider to be a significant deficiency.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis.

A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis.

We consider the following deficiency in the Authority's internal control to be a material weakness:

- During our testing of year-end cutoff, a material error was identified that resulted in an adjusting journal entry. The result of error was to understate liabilities and understate expenditures within the modified accrual statements and to understate liabilities and understate capital assets within the full accrual statements. The Authority should ensure that a process is in place in order to identify the proper period in which goods or services were received to ensure proper recording of liabilities at year end.

A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We consider the following deficiency in the Authority's internal control to be a significant deficiency:

- During our testing of pension trust investments, it was identified that alternative investments were not properly recorded at fair market value as of year end. The result is that investments are understated, and unrealized gain is understated. The Authority should ensure that a process is in place to obtain the appropriate fair market values of investments as of year end.

## **Section II - Required Communications with Those Charged with Governance**

### **Our Responsibility Under U.S. Generally Accepted Auditing Standards**

As stated in our engagement letter dated January 7, 2022, our responsibility, as described by professional standards, is to express an opinion about whether the financial statements prepared by management with your oversight are fairly presented, in all material respects, in conformity with U.S. generally accepted accounting principles. Our audit of the financial statements does not relieve you or management of your responsibilities. Our responsibility is to plan and perform the audit to obtain reasonable, but not absolute, assurance that the financial statements are free of material misstatement.

As part of our audit, we considered the internal control of the Authority. Such considerations were solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures specifically to identify such matters.

### **Planned Scope and Timing of the Audit**

We performed the audit according to the planned scope and timing previously communicated to you in our meeting about planning matters on April 4, 2022.

### **Significant Audit Findings**

#### ***Qualitative Aspects of Accounting Practices***

Management is responsible for the selection and use of appropriate accounting policies. In accordance with the terms of our engagement letter, we will advise management about the appropriateness of accounting policies and their application. The significant accounting policies used by the Authority are described in Note 1 to the financial statements.

No new accounting policies were adopted, and the application of existing policies was not changed during 2021.

We noted no transactions entered into by the Authority during the year for which there is a lack of authoritative guidance or consensus.

There are no significant transactions that have been recognized in the financial statements in a different period than when the transaction occurred.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected.

The most sensitive estimates affecting the financial statements were the valuation of alternative investments in the pension and retiree health care trust funds and the calculation of the net pension and net other postemployment benefits liabilities. Alternative investments are valued using audited financial statements, and the estimates used for the net pension and net other postemployment benefits liabilities are based on assumptions included in the actuarial valuation. We evaluated these key factors and assumptions used to develop the estimates in determining that they are reasonable in relation to the financial statements taken as a whole. The disclosures in the financial statements are neutral, consistent, and clear.

## **Section II - Required Communications with Those Charged with Governance (Continued)**

### ***Difficulties Encountered in Performing the Audit***

We encountered no significant difficulties in performing and completing our audit.

### ***Disagreements with Management***

For the purpose of this letter, professional standards define a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction, that could be significant to the financial statements or the auditor's report.

We are pleased to report that no such disagreements arose during the course of our audit.

### ***Corrected and Uncorrected Misstatements***

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management.

The following material misstatements detected as a result of audit procedures were corrected by management: An adjusting entry was necessary to properly record liabilities as of year end. The attached schedule summarizes uncorrected misstatements of the financial statements. Management has determined that their effects are immaterial, both individually and in the aggregate, to the financial statements taken as a whole. However, uncorrected misstatements or matters underlying those uncorrected misstatements could potentially cause future period financial statements to be materially misstated.

### ***Significant Findings or Issues***

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, business conditions affecting the Authority, and business plans and strategies that may affect the risks of material misstatement, with management each year prior to our retention as the Authority's auditors. However, these discussions occurred in the normal course of our professional relationship, and our responses were not a condition of our retention.

### ***Management Representations***

We have requested certain representations from management that are included in the management representation letter dated May 24, 2022.

### ***Management Consultations with Other Independent Accountants***

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a second opinion on certain situations. If a consultation involves application of an accounting principle to the Authority's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

### **Other Information Included in Annual Reports**

Our responsibility for other information included in annual reports does not extend beyond the financial statements, and we do not express an opinion or any form of assurance on the other information. However, we read the letter of transmittal, management's discussion and analysis, and statistical section, and nothing came to our attention that caused us to believe that such information, or its manner of presentation, is materially misstated or materially inconsistent with the information or manner of its presentation appearing in the financial statements.

## Section III - Other Recommendations and Related Information

### **COVID-19 Resource Center and ARPA**

Throughout the COVID-19 pandemic, Plante & Moran, PLLC's COVID-19 task force of leaders across the firm has monitored, addressed, and provided insight related to the virus and the unique challenges our local governments have faced while continuing to provide essential services to their communities through our COVID-19 resource center at <https://www.plantemoran.com/explore-our-thinking/areas-of-focus/covid-19-government-resource-center>. This will continue as our nation emerges from this crisis.

In March 2021, the president signed the American Rescue Plan Act (ARPA) into law, which included federal stimulus funding for state and local governments of all sizes. The largest of all funding streams, the Coronavirus State and Local Fiscal Recovery Funds (CSLFRF), represents a \$350 billion top-line allocation for state and local governments. Funding began to be distributed nationwide in May 2021, although smaller municipalities will need to wait for the funding to pass through their state governments. The U.S. Department of the Treasury recently published the interim final rule (IFR), which establishes a framework for determining the types of programs and services that are eligible uses of the CSLFRF funding.

The ARPA award terms provide that payments from the Fiscal Recovery Funds as a general matter will be subject to the provision of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (the "Uniform Guidance"), including the cost principles and restrictions on general provisions for selected items of cost. The Authority will need to understand these reforms and may be required to evaluate, document, and monitor internal procedures around compliance, including maintaining certain required policies.

The COVID-19 resource center is being continuously updated for the latest guidance and strategy related to CSLFRF and will help keep the Authority running smoothly through our nation's recovery.

Want to receive relevant content directly to your email? Subscribe at <https://www.plantemoran.com/subscribe> where you can customize your subscription preferences based on your specific interests and industry selection.

### **AICPA State and Local Government Client Affiliates**

The AICPA has adopted a revised auditor independence interpretation that impacts entities reporting under the GASB framework. The new rules define four types of affiliates (entities affiliated with your financial statements) that may expand the scope of our required auditor independence related to your audit. The four types of affiliates defined by the AICPA include entities included in your financial statements and certain entities excluded from your financial statements and may also include certain of your investment holdings. Because auditor independence is a shared responsibility between your organization and Plante & Moran, PLLC, you should be aware of and understand these changes. In addition, we will need your help to perform an initial evaluation under these revised standards and will also likely need your continuing assistance to comply with these rules in the future. The changes are effective for years beginning after December 15, 2021, which means we must be independent of your affiliates as of the first day of the year of required adoption, or July 1, 2022. For more information on these changes, please view our on-demand webinar [here](#).

## Section III - Other Recommendations and Related Information (Continued)

### **Cybersecurity and Information Technology Controls**

Cyberattacks are on the rise across the globe, and the cost of these attacks is ever increasing. Because of these attacks, municipalities stand to lose their reputation, the ability to operate efficiently, and proprietary information or assets. Communities potentially can also be subject to financial and legal liabilities. Managing this issue is especially challenging because even a municipality with a highly mature cybersecurity risk management program still has a residual risk that a material cybersecurity breach could occur and not be detected in a timely manner. We understand that the technology department continues to monitor and evaluate this risk, which are critical best practices. Additionally, periodic assessments of the system in order to verify that the control environment is working as intended are key parts of measuring associated business risk. We encourage administration and those charged with governance to work with the technology team on this very important topic. If we can be of assistance in the process, we would be happy to do so.

### **Updated Uniform Chart of Accounts**

In April 2017, the State released an updated Uniform Chart of Accounts. Originally, local units of government were expected to comply with the changes beginning with June 30, 2018 year ends. However, the State has extended the deadline for compliance. On April 20, 2020, the State issued a memo that sets an implementation date for fiscal years ending on October 31, 2022 and thereafter. The State has committed to releasing various tools to help local units with implementation, including FAQs and clarification on which accounts should be used when implementing GASB 84. A final release of the chart of accounts was issued in November 2020 and is available at this link: [https://www.michigan.gov/documents/uniformchart\\_24524\\_7.pdf](https://www.michigan.gov/documents/uniformchart_24524_7.pdf). This final version follows various exposure drafts and revisions in order to comply with changing GASB standards and statutory changes and reformats the document to make it more user-friendly. The Treasury will provide alerts for any guidance and resources, and local units can sign up for alerts at this link: [https://public.govdelivery.com/accounts/MITREAS/subscriber/new?qs=MITREAS\\_1](https://public.govdelivery.com/accounts/MITREAS/subscriber/new?qs=MITREAS_1).

### **Rules Governing Management of Federal Programs**

The Office of Management and Budget (OMB) issued significant reforms to the compliance requirements that must be followed by nonfederal entities receiving federal funding related to awards on or after December 26, 2014. While these revisions were not too recent, the revisions were the most significant change to occur to federal grants management in recent history. While many communities have historically been below the \$750,000 single audit threshold, recent legislation provides for an increase in federal spending and, therefore, communities may be subject to an audit requirement; the Authority will need to understand these reforms and may be required to make changes to internal procedures, processes, and controls.

- **Cost Principles** - There were certain changes made to allowable costs and significant changes in the area of time and effort reporting and indirect costs.
- **Administrative Requirements** - Nonfederal entities receiving federal funding must adhere to revised rules related to administering federal awards. Most notably, the requirements may impact the Authority's procurement systems, including maintaining written conflict of interest policies and disclosures.

The Authority will need to ensure that consideration of the implementation of these regulations has occurred; if it has not, the Authority needs to work quickly to put the requirements into practice. Plante & Moran, PLLC has many experts in this area and welcomes any questions or needs you may have.

**Section III - Other Recommendations and Related Information  
(Continued)**

**Federal Procurement Threshold Changes**

The Office of Management and Budget (OMB) has issued significant reforms to the compliance requirements that must be followed by nonfederal entities. The Office of Management and Budget recently issued Memorandum M-18-18, which provides guidance on changes to micropurchases and simplified acquisition threshold requirements. The key changes are as follows:

- Threshold for micropurchases is increased to \$10,000.
- Threshold for simplified acquisitions (small purchase procedures limit) increased to \$250,000.

Key adoption considerations for micropurchase and simplified acquisition thresholds include the following:

- During the original adoption of the Uniform Guidance (UG) procurement standards, were specific amounts included within the Authority's procurement policy, or were references to the UG sections or amounts as adjusted referenced? If specific amounts were referenced, the procurement policy will need to be updated to take advantage of the changes.
- If the Authority's procurement policy was written to allow for changes in amounts, the procedures will need to be updated to conform.
- If this change is inconsistent with other procurement policies within the organization, the Authority must decide how the policy will be enacted. Remember local ordinances in place may limit full utilization of changes.
- If the Authority has chosen not to fully adopt the change and maintain a lower threshold, then the Authority is not required to use these thresholds but cannot exceed them.

**Pension/OPEB Bonds**

Originally, the public act allowing for the issuance of pension/OPEB borrowings was set to sunset effective December 31, 2015, but it was extended until December 31, 2018 through Public Act 46 of 2015. Therefore, communities meeting certain criteria, such as maintaining a credit rating of AA or higher and closing or freezing plans, were able to issue bonds up until December 31, 2018. This was further extended through December 31, 2023 by Public Act 575 of 2018. This public act has additional stipulations that can be found in more detail at <http://www.legislature.mi.gov/documents/2017-2018/publicact/pdf/2018-PA-0575.pdf>.

**Legacy Costs**

Legacy costs and the challenge of funding them continue to be topics of discussion. GASB pronouncements of late have placed even more focus on the net long-term liability arising from these benefit promises by requiring governmental financial statements to reflect the net pension and OPEB liabilities. For many governments, these net liabilities are significant. In addition, Public Act 202 of 2017 has brought further focus on the funding level of these plans.

The following are the funding levels per the funding valuations for the last three years for both pension and OPEB:

|      | Pension | OPEB  |
|------|---------|-------|
| 2021 | 80%     | 105%  |
| 2020 | 77%     | 79.3% |
| 2019 | 76%     | 79.3% |



### **Section III - Other Recommendations and Related Information (Continued)**

Maintaining or even improving the funded status of the plan(s) is dependent upon a number of factors, including the government's contribution policies, its amortization policy for funding the unfunded actuarial accrued liability, its benefit levels, and the ability to make future changes to the plan. The Authority has made significant gains in the most recent funding valuations; however, it is important to remember that changes in market conditions, assumption changes, and other factors out of the Authority's control will continue to affect funding levels.

That said, the challenge here is significant. We are happy to assist you in thinking through alternative ways to manage this liability.

#### **Upcoming Accounting Standards Requiring Preparation**

##### ***GASB Statement No. 95 - Postponement of the Effective Dates of Certain Authoritative Guidance***

This new pronouncement was adopted in May 2020 and is effective immediately. This statement postpones the effective dates of the following pronouncements and implementation guides by one year:

- Statement No. 83, *Certain Asset Retirement Obligations*
- Statement No. 84, *Fiduciary Activities*
- Statement No. 88, *Certain Disclosures Related to Debt*
- Statement No. 89, *Accounting for Interest Cost Incurred before the End of a Construction Period*
- Statement No. 90, *Majority Equity Interests*
- Statement No. 91, *Conduit Debt Obligations*
- Statement No. 92, *Omnibus 2020*
- Statement No. 93, *Replacement of Interbank Offered Rates*
- Implementation Guide No. 2017-3, *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions (and Certain Issues Related to OPEB Plan Reporting)*
- Implementation Guide No. 2018-1, *Implementation Guidance Update - 2018*
- Implementation Guide No. 2019-1, *Implementation Guidance Update - 2019*
- Implementation Guide No. 2019-2, *Fiduciary Activities*

The effective dates of the following pronouncement and implementation guide are postponed by 18 months:

- Statement No. 87, *Leases*
- Implementation Guide No. 2019-3, *Leases*

##### ***GASB Statement No. 87 - Leases***

This new accounting pronouncement will be effective for reporting periods beginning after December 15, 2019 (June 15, 2021 after extension within GASB Statement No. 95). This statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources.

We recommend beginning to accumulate information now related to all significant lease agreements in order to more efficiently implement this new standard once it becomes effective.

Plante & Moran, PLLC will be providing trainings and other resources to our clients in the coming months to help prepare for the implementation of all these new standards. In the interim, please reach out to your engagement team for assistance in getting started.

### **Section III - Other Recommendations and Related Information (Continued)**

#### ***GASB Statement No. 92 - Omnibus 2020***

This new accounting pronouncement has various effective dates that were postponed by one year after extension within GASB Statement No. 95. This statement addresses eight unrelated practice issues and technical inconsistencies in authoritative literature. The standard addresses leases, intraentity transfers of assets, postemployment benefits, government acquisitions, risk financing and insurance-related activities of public entity risk pools, fair value measurements, and derivative instruments.

#### ***GASB Statement No. 97 - Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans***

Certain aspects of this standard impacting defined contribution pension and OPEB plans and other employee benefit plans were effective immediately in June 2020, but the provisions of this statement related to 457 plans clarifying when a 457 plan should be considered a pension plan or an other employee benefit plan to assist in the application of GASB Statement No. 84 are effective for reporting periods beginning after June 15, 2021.

#### ***Significant GASB Proposals Worth Watching***

The GASB is working on three interrelated projects that result in a comprehensive look at financial reporting for state and local governments. Of these three efforts, two are likely to result in significant changes to governmental financial statements in the future.

The Financial Reporting Model is currently in exposure draft stage and is expected to be issued as a final statement next year. While this standard proposes changes to many aspects of the Authority's financial statements, this proposed standard will most significantly impact the Authority's governmental fund financial statements.

The Revenue and Expense Recognition project aims to develop a comprehensive accounting and financial reporting model for transactions that result in revenue and expenses. Currently, the GASB has issued a preliminary views document that proposes a new categorization framework that replaces the exchange/nonexchange transaction notion with a four-step process for classifying a transaction. In addition to this new framework, the proposal also addresses recognition and measurement of revenue and expense transactions.

Plante & Moran, PLLC has spent significant time digesting these new proposed standards and recently testified to the GASB about our feedback. We strongly encourage the Authority to monitor developments with these standards, as the potential impacts are quite broad.

## Attachment

Client: **Huron-Clinton Metropolitan Authority**  
 Opinion Unit: **Aggregate Remaining Fund Info**  
 Y/E: **12/31/2021**

### SUMMARY OF UNRECORDED POSSIBLE ADJUSTMENTS

The effect of misstatements and classification errors identified would be to increase (decrease) the reported amounts in the financial statement categories identified below:

| Ref. #  | Description of Misstatement                               | Current Assets | Long-term Assets | Deferred Outflows of Resources | Current Liabilities | Long-term Liabilities | Deferred Inflows of Resources | Equity | Revenue    | Expenses | Net income statement impact |
|---|---|----------------|------------------|--------------------------------|---------------------|-----------------------|-------------------------------|--------|------------|----------|-----------------------------|
| <b>FACTUAL MISSTATEMENTS:</b>   |   |                |                  |                                |                     |                       |                               |        |            |          |                             |
| A1  | The FMV of pension investments is understated at year-end |                | \$ 348,674       |                                |                     |                       |                               |        | \$ 348,674 |          | \$ 348,674                  |
| <b>JUDGMENTAL ADJUSTMENTS:</b>  |   |                |                  |                                |                     |                       |                               |        |            |          |                             |
| B1  | None  |                |                  |                                |                     |                       |                               |        |            |          | -                           |
| <b>PROJECTED ADJUSTMENTS</b>  |   |                |                  |                                |                     |                       |                               |        |            |          |                             |
| C1  | None  |                |                  |                                |                     |                       |                               |        |            |          | -                           |
|   | Total   | \$ -           | \$ 348,674       | \$ -                           | \$ -                | \$ -                  | \$ -                          | \$ -   | \$ 348,674 | \$ -     | \$ 348,674                  |
| <b>PASSED DISCLOSURES AND FINANCIAL STATEMENT PRESENTATION ISSUES</b> |   |                |                  |                                |                     |                       |                               |        |            |          |                             |
| D1  | None  |                |                  |                                |                     |                       |                               |        |            |          | -                           |



# Huron-Clinton Metropolitan Authority

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**Annual Comprehensive Financial Report  
with Supplemental Information  
December 31, 2021**

Submitted to the  
Huron-Clinton Metropolitan Authority  
Board of Commissioners  
Brighton, Michigan

Jaye Quadrozzi – Chair – Oakland County  
Bernard Parker – Vice-Chair – Wayne County  
John Paul Rea – Secretary – Macomb County  
Tiffany Taylor – Treasurer – Governor Appointee  
Robert W. Marans – Washtenaw County  
Stephen Potoni – Governor Appointee  
William Bolin – Livingston County

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# Huron-Clinton Metropolitan Authority

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**Annual Comprehensive Financial Report  
with Supplemental Information  
December 31, 2021**

The Finance Department is responsible for the preparation  
of this Annual Comprehensive Financial Report

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# Introductory Section

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**THEY'RE YOUR METROPARKS.  
TAKE A WALK ON OUR WILD SIDE.**  
Administrative Office | 13000 High Ridge Drive, Brighton MI 48114-9058 | 810-227-2757 | metroparks.com

May 24, 2022

To the Board of Commissioners, Director, and Citizens of the Huron-Clinton Metropolitan Authority Park District:

State law requires that all local governmental units, including authorities such as the Huron-Clinton Metropolitan Authority, publish within six months of the close of each fiscal year a complete set of financial statements presented in conformity with generally accepted accounting principles (GAAP) and audited in accordance with generally accepted auditing standards by a firm of licensed certified public accountants. Pursuant to that requirement, we hereby issue the annual comprehensive financial report of the Huron-Clinton Metropolitan Authority for the fiscal year ended December 31, 2021. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with management. GASB 34 requires that management provide a narrative introduction, overview, and analysis to accompany the Basic Financial Statements in the form of a Management’s Discussion & Analysis (MD&A). This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately following the report of the independent auditors.

The financial reporting entity of the Huron-Clinton Metropolitan Authority includes all funds of the Huron-Clinton Metropolitan Authority. The Authority is a special district form of government operating independently of all other governmental agencies. It provides a full range of recreational activities in the five-county region including Wayne, Macomb, Oakland, Washtenaw, and Livingston Counties (Counties).

**GOVERNMENTAL STRUCTURE, LOCAL ECONOMIC CONDITION, AND OUTLOOK**

The Huron-Clinton Metropolitan Authority was sanctioned by Public Act 147 of Public Acts 1939. This Act provided for the incorporation of the Huron-Clinton Metropolitan Authority to permit the Counties to join in a metropolitan district for planning, promoting and/or acquiring, constructing, owning, developing, maintaining and operating, either within or without their limits, parks, connecting drives and/or limited access highways; to provide for the assessment, levy and collection of property taxes on both real and personal properties located within its boundaries. A referendum was held on November 5, 1940 and the citizens of the five-county district approved the creation of the Huron-Clinton Metropolitan Authority.

**BOARD OF COMMISSIONERS:**

|                                  |                                |                                |                                      |                                    |                                       |                                      |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------------|------------------------------------|---------------------------------------|--------------------------------------|
| Jaye Quadrozzi<br>Oakland County | Bernard Parker<br>Wayne County | John Paul Rea<br>Macomb County | Robert W. Marans<br>Washtenaw County | William Bolin<br>Livingston County | Stephen Portoni<br>Governor Appointee | Tiffany Taylor<br>Governor Appointee |
|----------------------------------|--------------------------------|--------------------------------|--------------------------------------|------------------------------------|---------------------------------------|--------------------------------------|

**#YourMetroparks:** Delhi | Dexter-Huron | Hudson Mills | Huron Meadows | Indian Springs | Kensington | Lake Erie | Lake St. Clair | Lower Huron | Oakwoods | Stony Creek | Willow | Wolcott Mill

The governing body of the Huron-Clinton Metropolitan Authority is a seven-member Board of Commissioners. Two Commissioners serve as representatives at large and are appointed by the Governor of Michigan for four-year terms. The other five commissioners are appointed by their respective county Board of Commissioners and they serve a six-year staggered term. Public meetings of the Board of Commissioners are held on the second Thursday of each month. The Board of Commissioners is responsible for setting policy, adopting the budget, setting fees, approving contracts, land acquisition and expenditures, planning of new parks and facilities, and appointing the Director.

The Director is responsible for carrying out the policies of the Board of Commissioners, for overseeing the day-to-day operations of the park system, hiring all full-time employees, and approving all purchase commitments of the Authority. The Chief of Finance is responsible for maintaining all financial accounting records, collecting all revenues due, investing all funds, issuing payment vouchers for goods, services and payrolls, maintaining property/casualty insurances and serves as the Pension Plan Trustee and Retiree Health Trust Plan Administrator.

The Authority's main endeavor is to provide a variety of quality recreational opportunities through the development of natural resources along the Huron and Clinton Rivers for the benefit of the 4.4 million citizens of the five-county park district located in southeastern Michigan. Since its inception, the Authority has created thirteen Metroparks covering over 25,000 acres within the 1,600 square mile watershed area of the Huron and Clinton Rivers. The Authority, named after the two longest rivers within its boundaries, is a dynamic and changing organization striving to provide its services while minimizing disruption to existing land use.

The characteristics of the Metroparks are different from recreation supplied by most other units of government or by the private sector. Generally, Metroparks are fairly large and offer a blend of natural resources such as lakes, rivers, woods, or wildlife area with constructed facilities that provide for more intensive recreational pursuits such as swimming, golfing, cycling, cross-country skiing or other outdoor recreation. These Metroparks are within an hour's drive for most of the residents of the region and are generally considered "day use" parks.

The Metroparks range in size from 53 acres at Delhi Metropark to over 4,400 acres at Stony Creek Metropark. The larger Metroparks are designed to accommodate crowds of 35,000 or more on peak use days. In 2021, the Metroparks system provided recreation for an estimated 7.4 million park visitors.

The Authority's centralized Administrative Office coordinates the development and operation of all thirteen Metroparks. The following departments are housed at the Administrative Office: (1) Executive; (2) Finance; (3) Human Resources; (4) Engineering; (5) Planning; (6) Natural Resources; (7) Interpretive; (8) Communications/Marketing; (9) Purchasing; (10) Information Systems; (11) Diversity, Equity and Inclusion; and (12) Police.

The day-to-day administration, operation, and maintenance of each Metropark is coordinated through three district park superintendents. These district park superintendents oversee all on-site park activities, operations and maintenance of buildings, roads, and grounds.

The Metroparks fiscal policies include fund balance policy that identifies a range outside of which further Board discussion is mandated. The Metroparks through conservative, thoughtful budget practices have built the fund balance up to exceed the top of this range. This gives the Metroparks depth to weather economic challenges. While concerns over the pandemic initially led the Metroparks to prepare for a potential revenue loss, with many facility closure mandates, the public

demand for the use of the parks in general, which were able to remain open, offset these. Economically, we are seeing housing prices pushed up as available homes are in strong demand. As companies shifted many employees to remote work-from-home models, offices were vacated. This may eventually negatively impact commercial property values.

## **MAJOR INITIATIVES**

During 2021, the Authority's staff continued working on achieving accreditation by the Commission for Accreditation of Park and Recreation Agencies. This is a multi-year process that identifies best practice criteria and provides a framework for the Metroparks to show evidence of compliance. One benefit of the process is that the organizational self-assessment. This offers the Metroparks the opportunity to review our policies and procedures with a sharp eye to ensure consistent application.

In 2021 the Metroparks continued the grant application approach begun in 2019. An increased number of projects were submitted, with applications tailored to provide flexibility both in regard to funding source as well as funding level. This approach again resulted in additional grant projects being approved for inclusion in the 2021 budget. In accordance with the Capital Project Fund approved by the Board of Commissioners in 2018, all open capital projects continue to roll forward. This change has really improved the understanding surrounding budget and unassigned fund balance. The scope and type of projects that were worked on during 2021 are summarized below. These projects reflect the Authority's commitment to bringing the benefits of parks and recreation to the people of Southeast Michigan:

1. At Willow Metropark, \$1,694,073 was expended toward the construction of a new park office. This project is expected to be completed in 2022.
2. At Lower Huron Metropark, \$1,480,143 was spent toward the completion of a space themed playground. This project was completed in 2021.
3. Stony Creek Metropark saw improvements with the redevelopment of the boat launch building. 2021 expenditures on the project totaled \$363,490. Completion of this project is expected in 2022.
4. Lake St. Clair Metropark had a beach restoration project that totaled \$292,205. This project is expected to be completed in 2023.
5. At Lower Huron Metropark, \$263,421 was expended toward the redevelopment of the north fishing site. This project is expected to be completed in 2022.
6. Also, at Stony Creek Metropark, \$216,226 and \$200,775 was expended toward the development of an off-leash dog area and the redevelopment of Sheldon trails. Both projects are expected to be completed in 2022.

In total, the Authority invested in park facilities to the extent of over \$6.3 million, as work was performed on 32 individual capital projects. These capitalized projects will help ensure that Metropark facility offerings to our public are in good working order and relevant to today's recreational interests. The vast majority of the 2021 capital improvement expenditures continue to relate to the 3-R's (repair, renovate and replace). Due to the age of the Metropark facilities, it is essential that these types of projects continue have attention.

## **FINANCIAL INFORMATION**

Management of the Authority is responsible for establishing and maintaining internal controls designed to ensure that the assets of the Authority are protected from loss, theft, or misuse and to ensure that adequate accounting data is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. Internal controls are designed to provide reasonable, but not absolute, assurance that these objectives are met. The concept of reasonable assurance recognizes that: (1) the cost of a control should not exceed the benefits likely to be derived; and (2) the valuation of costs and benefits requires estimates and judgments by management. As management, we assert that, to the best of our knowledge and belief, this financial report is complete and reliable in all material respects.

## **FEDERAL FINANCIAL ASSISTANCE**

The Authority did not receive any Federal financial assistance during 2021 that required the independent auditor to issue a Single Audit Report.

## **BUDGET**

The annual budget serves as the foundation for the Huron-Clinton Metropolitan Authority's financial planning and control. The annual budget process is multi-faceted, involving all units of the Authority. The Authority's Planning, Engineering, and Natural Resources Departments, in conjunction with park operating units, develop capital improvement, equipment, major maintenance, and minor project listings that are reviewed and finalized by mid-September.

All park operating units are required to submit park operation budget requests to the Chief of Finance near the end of September. The Chief of Finance utilizes these requests, along with capital budget requests, as the starting point for developing a proposed General Fund budget. The Chief of Finance conducts budget review meetings in conjunction with the Director and Deputy Director and presents the proposed budget at a public hearing and then to the Board of Commissioners at the November Board meeting. The appropriated budget is a line item budget prepared by fund, category (i.e., capital equipment, park operations), department/park (i.e., Lake St. Clair, Kensington), sub-department/activity (i.e., golf course, regulatory), and object (i.e., full time wages, utilities). The Director is authorized to make budgetary transfers between line-item appropriations. The legal level of budgetary control adopted by the governing body (i.e., the level at which expenditures may not legally exceed appropriations) is the function level. Expenditures in excess of amounts budgeted are a violation of Michigan law. State law permits districts to amend their budgets during the year. All General Fund budget amendments are approved by the Board of Commissioners on a monthly basis. The Authority maintains an encumbrance accounting system and a work order (project accounting) system for capital construction type projects to assist in maintaining budgetary control.

## **LONG-TERM FINANCIAL PLANNING**

The Huron-Clinton Metropolitan Authority employs a Five-Year Community Recreation Plan to assist in guiding the direction of the Metroparks. The current Community Recreation Plan covers recreational development for the period from 2018 through 2022. The development of the Five-Year Community Recreation Plan is a process that is a joint effort involving the general public, park staff, administrative office staff, planning staff, natural resource staff, engineering staff,

interpretive staff, police staff, and the Board of Commissioners. The Metroparks strives to have balance between renovation/redevelopment/restoration type projects and innovation.

The Board of Commissioners and staff have developed the current Five-Year Community Recreation Plan in an effort to position the Authority to work towards a model of fiscal sustainability. Recognizing the paradigm shift in tax revenue as well as the capital needs of aging facilities, roads and other infrastructure, the current five-year plan focuses on these goals and objectives:

- Innovation – modernize the Metroparks and develop new revenue streams.
- Maintenance and Infrastructure – repair, maintain, and improve core park infrastructure.
- Education and Awareness – develop and enhance programming, communication, and outreach efforts.
- Stewardship – protect and restore natural biodiversity while balancing resource management with recreational activities.
- Sustainability – prioritize employee development, environmental health improvements, and financial stability.

The current Five-Year Community Recreation Plan provides general guidance for the development of the Authority’s annual budget each year.

## **DEBT**

The Authority has not issued any bonded debt. The Authority’s Enabling Act restricts debt issues to revenue bonds. Throughout the history of the Metroparks, it has never been felt to be beneficial to issue revenue bonds as a means of financing recreational facilities.

## **OTHER INFORMATION**

### **Independent Audit**

State statute requires an annual audit by an independent certified public accountant. The accounting firm of Plante Moran was selected by the Board of Commissioners. The audit is conducted in accordance with generally accepted auditing standards and the standards for financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. The audit will meet the requirements set forth by State statute and will include tests of the accounting records of the Authority and other procedures necessary for Plante Moran to express an opinion on the financial statements.

The auditor’s report on the financial statements, required supplementary information, and supplemental schedules are included in the Financial Section of this report.

### **Awards**

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Huron-Clinton Metropolitan Authority for its annual comprehensive financial report for the year ended December 31, 2020. This was the seventeenth consecutive year that the Authority has achieved this prestigious award. In order to be awarded a Certificate of Achievement, a government must

publish an easily readable and efficiently organized annual comprehensive financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe that our current annual comprehensive financial report continues to meet the Certificate of Achievement Program's requirements and we are submitting it again to the GFOA to determine its eligibility for this award.

### **Acknowledgements**

The preparation of this annual comprehensive financial report is a major undertaking and I want to acknowledge the extraordinary efforts of our Finance Department, and especially Supervisor of Accounting Rebecca Baaki and Accountant Molly Goike. Their assistance was absolutely essential and very much appreciated in submitting this report.

The input and guidance from our independent auditors, Plante Moran, was also appreciated to direct us through the compilation of our annual comprehensive financial report.

Finally, without the support and leadership of the Board of Commissioners this report would not have been possible.

Respectfully submitted,

*Shedreka Miller*



Government Finance Officers Association

Certificate of  
Achievement  
for Excellence  
in Financial  
Reporting

Presented to

**Huron-Clinton Metropolitan Authority  
Michigan**

For its Annual Comprehensive  
Financial Report  
For the Fiscal Year Ended

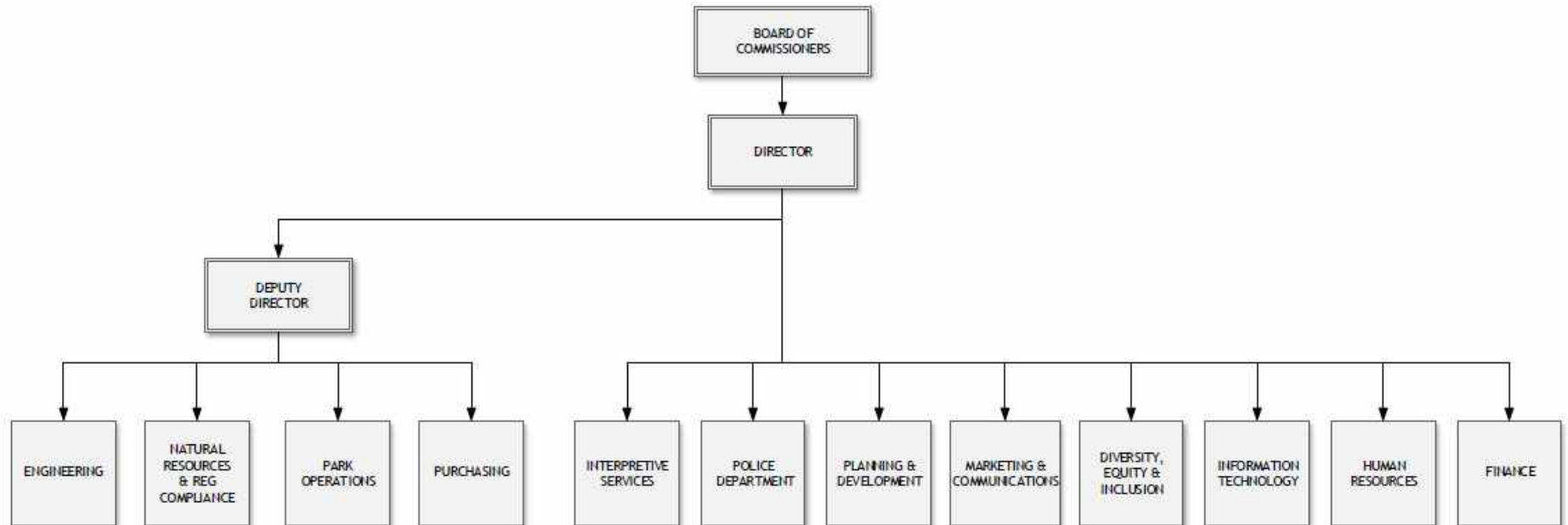
December 31, 2020

*Christopher P. Morrill*

Executive Director/CEO

**HCMA FUNCTIONAL ORGANIZATION CHART**

December 31, 2021





**Unit - Title**

**Name of Official**

**Administrative Staff**

|  |                   |
|--|-------------------|
| Director   | Amy McMillan      |
| Deputy Director                                    | Michael Lyons     |
| Chief of Finance                                   | Shedreka Miller   |
| Supervisor of Accounting                           | Rebecca Baaki     |
| Chief of Natural Resources & Regulatory Compliance | Tyler Mitchell    |
| Chief of Police                                    | Michael Reese     |
| Chief of Diversity, Equity and Inclusion           | Artina Carter     |
| Chief of Marketing and Communications              | Danielle Mauter   |
| Chief of Information Technology                    | Robert Rudolph    |
| Chief of Interpretive Services                     | Jennifer Jaworski |
| Chief of Engineering                               | Michael Henkel    |
| Chief of Human Resources & Labor Relations         | Randy Rossman     |
| Chief of Planning & Development - Interim          | Jason Bibby       |
| Supervising Field Engineer                         | James Soraghan    |
| Supervising Design Engineer                        | Laura Martin      |

**Eastern District**

|   |               |
|---|---------------|
| District Park Superintendent                                      | Gary Hopp     |
| District Maintenance Supervisor                                   | Vacant        |
| District Interpretive Services Supervisor                         | Erin Parker   |
| Park Operations Manager - Stony Creek and Wolcott Mill Metroparks | Steven Sebert |
| Park Operations Manager - Lake St Clair Metropark                 | Joseph Hall   |

**Western District**

|  |                        |
|--|------------------------|
| District Park Superintendent   | Jeffrey Brown          |
| District Maintenance Supervisor  | Adam Haberkorn         |
| District Interpretive Services Supervisor  | Victoria Taylor-Sluder |
| Park Operations Manager - Kensington and Indian Springs Metroparks                       | Erik Koppin            |
| Park Operations Manager - Hudson Mills, Dexter-Huron, Delhi and Huron Meadows Metroparks | Tamra Bezzeg           |

**Southern District**

|  |                 |
|--|-----------------|
| District Park Superintendent   | Jeffrey Linn    |
| District Maintenance Supervisor  | David Juchartz  |
| District Interpretive Services Supervisor                              | Kevin Arnold    |
| Park Operations Manager - Lower Huron, Willow, and Oakwoods Metroparks | Holly Clegg     |
| Park Operations Manager - Lake Erie Metropark                          | Jeffrey Schuman |

# Financial Section

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## Independent Auditor's Report

To the Board of Directors  
Huron-Clinton Metropolitan Authority

### **Opinions**

We have audited the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of Huron-Clinton Metropolitan Authority (the "Authority") as of and for the year ended December 31, 2021 and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the Authority as of December 31, 2021 and the respective changes in its financial position for the year then ended in accordance with accounting principles generally accepted in the United States of America.

### **Basis for Opinions**

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Authority and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for 12 months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### **Auditor's Responsibilities for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

To the Board of Directors  
Huron-Clinton Metropolitan Authority

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the Authority's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Authority's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

#### ***Required Supplemental Information***

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, budgetary comparison information, pension schedules, and other postemployment benefit schedules be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, which considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplemental information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

#### ***Other Supplemental Information***

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the Authority's basic financial statements. The other supplemental information, as identified in the table of contents, is presented for the purpose of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the other supplemental information is fairly stated in all material respects in relation to the basic financial statements as a whole.

#### ***Other Information***

Management is responsible for the other information included in the Annual Comprehensive Financial Report. The other information comprises the introductory section and statistical section schedules but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

To the Board of Directors  
Huron-Clinton Metropolitan Authority

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements or whether the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

*Plante & Moran, PLLC*

May 24, 2022

As management of the Huron-Clinton Metropolitan Authority, we offer the readers of the Authority's financial statements this narrative overview and analysis of the financial activities of the Huron-Clinton Metropolitan Authority for the year ended December 31, 2021. We encourage readers to consider the information presented here in conjunction with additional information that we have furnished in our letter of transmittal, the financial statements, and the notes to the financial statements.

### Financial Highlights

The assets and deferred outflows of the Authority exceeded its liabilities and deferred inflows at the end of 2021 by \$234,794,974 (net position). Of this amount, \$38,050,352 (unrestricted net position) may be used to meet the Authority's ongoing obligations to provide park and recreation services to the citizens of the five-county Metropark system.

The Authority's total net position increased by \$11,897,545.

Authority General Fund revenues of approximately \$60 million were more than the expected 2021 final budget targets by \$4,489,528 (8.1 percent).

Authority General Fund expenditures of approximately \$51 million were under 2021 final budget amounts by \$2,941,598 (5.4 percent).

### Overview of the Financial Statements

This discussion and analysis is intended to serve as an introduction to the Authority's basic financial statements. The Authority's basic financial statements are comprised of three components: (1) government-wide financial statements, (2) fund financial statements, and (3) notes to the financial statements. This report also contains other supplementary information in addition to the basic financial statements themselves.

**Government-Wide Financial Statements.** The government-wide financial statements are designed to provide readers with a broad overview of the Authority's finances in a manner like a private-sector business.

The *statement of net position* presents information on all the Authority's assets, deferred outflows of resources, liabilities and deferred inflows of resources, with the difference between the assets and deferred outflows and the liabilities and deferred inflows reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the Authority is improving or deteriorating.

The *statement of activities* presents information showing how the Authority's net position changed during the most recent year. All changes in net position are reported as soon as the underlying event giving rise to the change occurs, regardless of the timing of related cash flows. Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future years (i.e., earned but unused vacation leave).

Both government-wide financial statements distinguish functions of the Authority that are principally supported by taxes and program revenues. The sole governmental activity of the Authority consists of

providing regional park and recreation services in the five-county metropolitan Detroit area. The Authority is a single purpose governmental agency.

**Fund financial statements.** A *fund* is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The Authority, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All the funds of the Authority can be divided into two categories: governmental funds and fiduciary funds.

**Governmental funds.** *Governmental funds* are used to account for essentially the same functions reported as *governmental activities* in the government-wide financial statements. However, unlike the government-wide financial statements, government fund financial statements focus on *near-term inflows and outflows of spendable resources*, as well as on *balances of spendable resources* available at the end of the year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for *governmental funds* with similar information presented for *governmental activities* in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between *governmental funds* and *governmental activities*.

The Authority maintains three individual governmental funds. In addition, the Huron-Clinton Metroparks Foundation, which is a blended component unit of the Authority is presented. The General and Capital Projects funds are major funds. Information is presented separately in the governmental fund balance sheet and in the governmental fund statement of revenues, expenditures, and changes in fund balances.

The Authority adopts an annual appropriated budget for its General Fund. A budgetary comparison statement has been provided herein to demonstrate compliance with this budget.

**Fiduciary funds.** Fiduciary funds are used to account for resources held for the benefit of parties outside the government. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the Authority's own programs. The accounting used for fiduciary funds is much like that used for proprietary funds. The Authority uses a fiduciary fund to account for (1) its single employer, defined benefit pension plan, which accumulates resources for pension benefit payments to qualified Authority employees, (2) its Retiree Health Care Plan and Trust, which accumulates resources for health care benefit payments to qualified Authority retirees. The Retiree Health Care Plan and Trust and pension plan are based on the December 31 fiscal year end.

The Defined Benefit Pension Plan is administrated by a third party. An actuarial valuation determines the funding required annually. Under GASB Statement No. 68, the net pension liability as of December 31, 2021 totaled \$14,098,986, which was a decrease of \$3,899,508 from December 31, 2020. The Authority contributed \$4,701,826 for this period.

The Authority established the Retiree Health Care Plan Trust in October 2005 for the exclusive purpose of prefunding retiree healthcare benefits for eligible retirees, spouses, and dependents.

The Retiree Health Care Plan and Trust was established October 1, 2005 pursuant to Section 115 of the Internal Revenue Code of 1986 and under the authority of the Public Employee Health Care Fund Investment Act, Public Act 149 of 1999. It provides funding for eligible retiree and spousal health care, optical, life and dental benefits. The other post-employment benefits (OPEB) liability was determined using rollforward procedures from the December 31, 2020 valuation in accordance with GASB 74. The total OPEB liability calculated as of December 31, 2021 was determined to be \$32,569,310. At the end of the Plan's sixteenth fiscal year, the actuarial value of Trust assets totaled \$36,926,969 (113.38 percent) and net OPEB asset totaled \$4,357,659. The Authority met the funding required by the Annual Required Contribution (ARC) by transferring \$248,174 from the General Fund to the Retiree Health Care Trust for the Plan year ended December 31, 2021.

**Notes to the financial statements.** The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

**Other information.** In addition to the basic financial statements and accompanying notes, this report also presents certain required supplementary information. This information is limited to schedules concerning the Authority's progress in funding its obligation to provide pension and other post-employment benefits to its employees.



**Government-Wide Financial Analysis**

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the Huron-Clinton Metropolitan Authority, assets and deferred outflows exceeded liabilities and deferred inflows by \$234,794,974 at the close of the year.

By far the largest portion of the Authority's net position (84 percent) reflects its investment in capital assets (i.e., land, buildings, infrastructure, roads, park improvements, vehicles, and equipment). The Authority uses these capital assets to provide park and recreation services to citizens; consequently, these assets are not available for future spending.

The Authority does not have any bonded debt.

|                                       | Governmental Activities |                       |
|---------------------------------------|-------------------------|-----------------------|
|                                       | 2021                    | 2020                  |
|                                       | (in thousands)          |                       |
| <b>Assets</b>                         |                         |                       |
| Current and other assets              | \$ 105,525,078          | \$ 98,730,575         |
| Capital assets, net                   | 196,148,941             | 194,192,870           |
| Total assets                          | 301,674,019             | 292,923,445           |
| <b>Deferred Outflows of Resources</b> | 3,087,011               | 3,424,725             |
| <b>Liabilities</b>                    |                         |                       |
| Long-term liabilities outstanding     | 17,765,865              | 24,010,772            |
| Other liabilities                     | 4,763,085               | 7,198,657             |
| Total liabilities                     | 22,528,950              | 31,209,429            |
| <b>Deferred Inflows of Resources</b>  | 47,437,106              | 42,241,312            |
| <b>Net Position</b>                   |                         |                       |
| Net investment in capital assets      | 196,148,941             | 194,192,870           |
| Restricted                            | 595,681                 | 448,200               |
| Unrestricted                          | 38,050,352              | 28,256,359            |
| Total net position                    | <b>\$ 234,794,974</b>   | <b>\$ 222,897,429</b> |

A portion of the Authority's net position is restricted. Amounts have been restricted for future maintenance or construction of the Lake St. Clair Marina facility, per grant requirements. In addition, per contract requirements with an outside party, amounts have been restricted related to the Hudson Mills canoe livery. Amounts restricted for the Foundation relate to amounts are restricted per grant requirements. The unrestricted net position may be used to meet the Authority's ongoing obligations for park and recreation facilities and services to citizens and creditors.

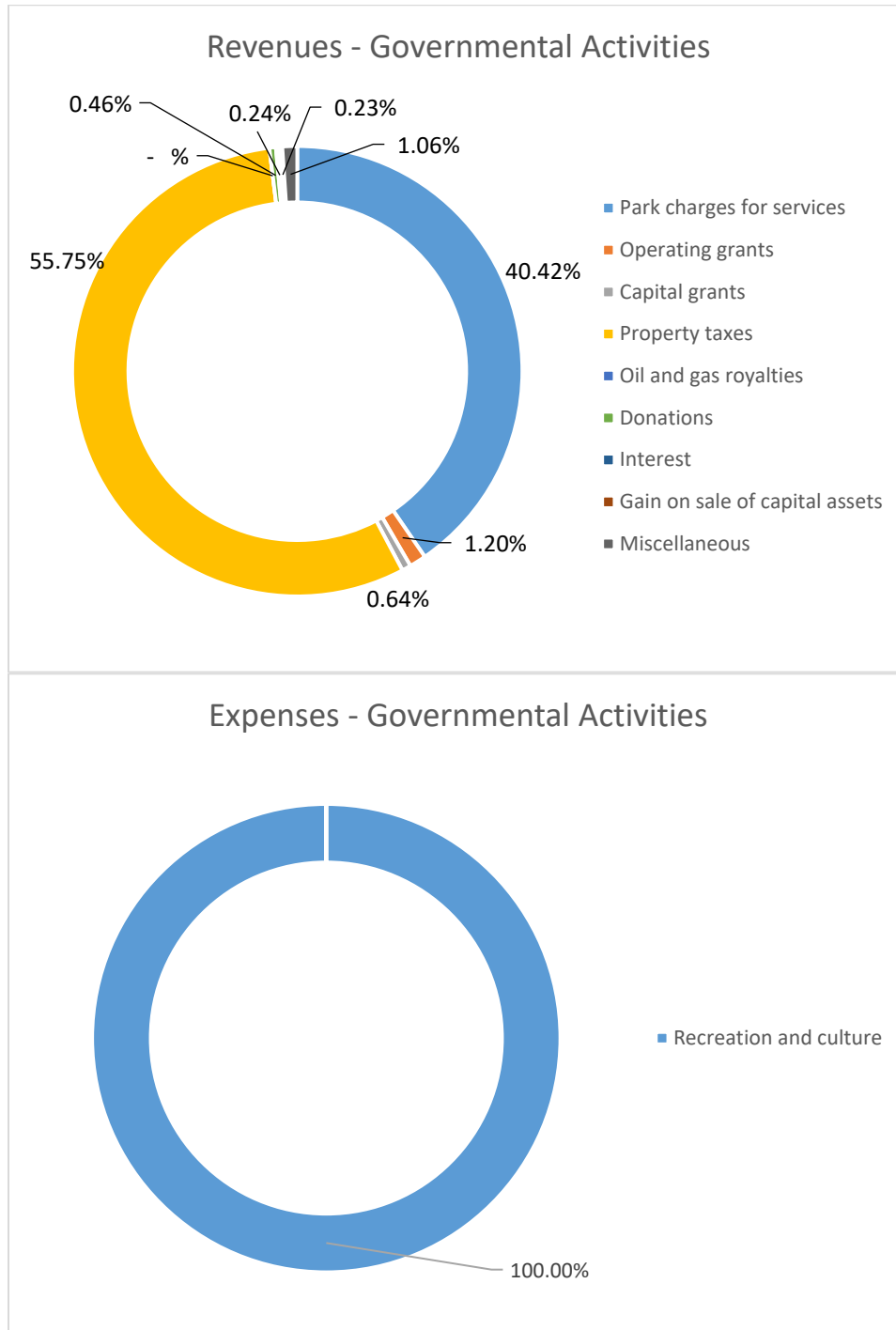
At the end of the current year, the Authority can report a positive balance in net position. The same situation held true for the prior fiscal year.

The Authority's net position increased by \$11,897,545 during the current year.

|  | Change in Net Position<br>Governmental Activities |                              |
|--|---|------------------------------|
|  | 2021  | 2020                         |
|  | (in thousands)                                    |                              |
| <b>Revenue</b>                           |   |                              |
| Program revenue:                         |   |                              |
| Park charges for services                | \$ 24,424,886                                     | \$ 21,268,785                |
| Operating grants                         | 727,821   | 810,236                      |
| Capital grants                           | 388,885   | 140,619                      |
| General revenue:                         |   |                              |
| Property taxes                           | 33,691,923  | 32,481,506                   |
| Oil and gas royalties                    | -   | 9,091                        |
| Donations                                | 276,192   | 229,859                      |
| Interest                                 | 145,242   | 705,621                      |
| Gain on sale of capital assets           | 137,214   | 63,175                       |
| Miscellaneous                            | 640,659   | 1,218,939                    |
| Total revenue                            | <u>60,432,822</u>                                 | <u>56,927,831</u>            |
| <b>Expenses - Recreation and culture</b> | <u>48,535,277</u>                                 | <u>48,131,206</u>            |
| <b>Increase in Net Position</b>          | 11,897,545  | 8,796,625                    |
| <b>Net Position - Beginning of year</b>  | <u>222,897,429</u>                                | <u>214,100,804</u>           |
| <b>Net Position - End of year</b>        | <u><u>\$ 234,794,974</u></u>                      | <u><u>\$ 222,897,429</u></u> |

**Governmental Activities**

The following charts depict revenue and expenses of the governmental activities for the fiscal year:



Governmental activities increased the Authority's net position by \$11,897,545, as total 2021 revenue of \$60.4 million exceeded total expenditures of \$48.5 million. Key elements of this increase are as follows:

- Charges for services increased to \$24.4 million in 2021. This is not only an increase of \$3.2 million over 2020, but also the most revenue ever generated by park operations. Increases in use of golf and general park visitation contributed to the surge in revenue.
- Property tax collections at \$33.7 million increased by \$1.2 million. Increases in property values resulted in revenue growth across the five-county region.
- Grant and contribution revenue increased by \$0.2 million.
- Interest revenue also declined by nearly \$0.6 million as interest rates declined throughout the year.

### Change in Net Position

The change in net position for 2021 is approximately \$3.1 million more than the change in net position for 2020.

### Financial Analysis of the Government's Funds

As noted earlier, the Authority uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements.

*Governmental funds.* The focus of the Authority's *governmental funds* is to provide information on near-term inflows, outflows, and balances of spendable resources. Such information is useful in assessing the Authority's financing requirements. In particular, *unassigned fund balance* may serve as a useful measure of a government's net resources available for spending at the end of the year.

As of the end of the current year, the Authority's governmental funds reported a combined ending fund balance of \$61,543,473, an increase of \$2,730,554 compared to 2020. Approximately 43 percent of this total amount (\$26.2 million) constitutes "unassigned" fund balance. Approximately 2 percent of this total amount (\$1.2 million) is considered nonspendable. Approximately one percent of the total amount (\$0.6 million) is considered restricted. Approximately 25 percent of this total amount (\$15.4 million) is considered assigned. The remainder of fund balance (\$18.2 million) is "committed" to indicate that it is not available for new spending because it has already been committed for: (1) capital projects-\$7.7 million, (2) supplemental major maintenance-\$5.1 million, (3) future land purchases-\$4.7 million, and (4) health insurance rate stabilization funds-\$0.7 million.

The general fund is the primary operating fund of the Authority. At the end of the current year, unassigned fund balance of the general fund was \$26,159,373 while total fund balance was \$48,658,674. As a measure of the general fund's liquidity, it may be useful to compare unassigned fund balance to revenues. The Authority's goal is to maintain the unassigned fund balance within a range of 25 to 30% of general fund revenues, and at year end the unassigned fund balance was 44% of general fund revenues of \$59.6 million.

The fund balance of the Authority's general fund increased by \$3,383,831.

The following paragraphs present a summary of general fund revenues, which totaled \$59,729,968 for 2021, an overall increase of \$2,644,527 from 2020. Revenues by source were as follows:

| Revenues                             | 2021 Amount          | Percent of Total | 2020 Amount          | Amount of Increase (Decrease) | Percent of Increase (Decrease) |
|--------------------------------------|----------------------|------------------|----------------------|-------------------------------|--------------------------------|
| Property Tax                         | \$ 33,693,345        | 56.4%            | \$ 32,457,957        | \$ 1,235,388.00               | 3.8%                           |
| Park charges for services            | 24,293,462           | 40.7%            | 21,272,729           | 3,020,733                     | 14.2%                          |
| Interest                             | 118,192              | 0.2%             | 549,839              | (431,647)                     | -78.5%                         |
| Grants                               | 724,159              | 1.2%             | 1,495,410            | (771,251)                     | -51.6%                         |
| Donations                            | 110,501              | 0.2%             | 77,973               | 32,528                        | 41.7%                          |
| Proceeds from sale of capital assets | 149,650              | 0.3%             | 170,085              | (20,435)                      | -12.0%                         |
| Other revenue                        | 640,659              | 1.1%             | 1,061,448            | (420,789)                     | -39.6%                         |
| Total                                | <u>\$ 59,729,968</u> | <u>100.0%</u>    | <u>\$ 57,085,441</u> | <u>\$ 2,644,527</u>           | <u>4.6%</u>                    |

The Authority’s millage rate declined to 0.2104 mills in 2021 from 0.2117. Although the millage rate declined, total property tax revenue increased. We expect taxable values to continue to rise triggering further roll-backs of the millage rate and mitigating recovery of property tax revenue generated.

2021 park operating revenues totaling \$24,293,462 exceeded the 2021 budget goal of \$20,360,307 by \$3,933,155 (19.3 percent). This represented a \$3,020,733 (14.2 percent) increase from 2020 revenues. Two leading sources of operating revenue are tolling and golf. Golf demand was very strong and generated \$7.8 million in revenue, a 20.0 percent increase from 2020. Tolling revenue remained flat at \$11.9 million. Aquatic revenue increased to \$1.5 million, a 200 percent increase from 2020. Aquatic facilities were partially closed in 2020 due to the pandemic.

Interest income derived from investments in Certificates of Deposits and U.S. Agency issues decreased to \$118,192 in 2021. This was a 78.5 percent decrease from 2020 interest income. Interest rates offered on CD’s remained low in 2021.

The Authority recognized \$724,159 in grant revenue in 2021. This includes \$645,395 for the 2021 local stabilization – personal property tax reimbursement as well as \$78,764 for a grant from the State of Michigan.

General fund expenditures were \$51,247,780 for 2021, an increase of \$4,562,514 from fiscal year 2020 expenditures. A detailed breakdown of expenditures by major category is as follows:

| Expenditures          | 2021 Amount   | Percent of Total | 2020 Amount   | Amount of Increase (Decrease) | Percent of Increase (Decrease) |
|-----------------------|---------------|------------------|---------------|-------------------------------|--------------------------------|
| Equipment             | \$ 1,769,445  | 3.5%             | \$ 2,175,922  | \$ (406,477)                  | -18.7%                         |
| Land Acquisition      | 789,638       | 1.5%             | 57,526        | 732,112                       | 1272.7%                        |
| Major maintenance     | 2,387,449     | 4.7%             | 1,587,806     | 799,643                       | 50.4%                          |
| Administrative office | 10,096,918    | 19.7%            | 9,175,284     | 921,634                       | 10.0%                          |
| Park operations       | 36,204,330    | 70.6%            | 33,688,728    | 2,515,602                     | 7.5%                           |
| Total                 | \$ 51,247,780 | 100.0%           | \$ 46,685,266 | \$ 4,562,514                  | 9.8%                           |

Equipment having an individual value greater than \$5,000 is capitalized. During 2021 a total of \$1,769,466 was spent equipping the Metroparks system, down from the 2020 amount of \$2,175,922. Auto and truck acquisitions totaled approximately \$489,923. Heavy equipment (mowers, tractors, golf cars, etc.) purchases accounted for approximately \$1,070,711. Additional purchases of \$208,832 related to other equipment. In addition, \$789,638 was expended toward the purchase of a parcel of land.

The Authority classifies all non-recurring repair/maintenance-type projects that exceed \$10,000 as Major Maintenance expenses. These projects do not substantially improve or alter an existing facility and, therefore, are not capitalized. During 2021, major maintenance costs for various projects were \$2,387,449; resulting in an increase of \$799,643 compared to 2020. These amounts can fluctuate significantly from year to year. The five-year average amount is near \$1.8 million.

Administration Office expenses reflect the cost of running the Authority’s centralized Administrative Office, which ran \$10,096,918 in 2021, up 10 percent from 2020. This covers the cost of 66 full time equivalent employees, materials, supplies, and outside consultants utilized in managing the broader Metroparks system. Wages and fringe benefits for these employees grew at 2.4 percent. Materials and Services increased by \$753,926 or 32.7 percent, mainly related to the Detroit Riverfront Conservancy partnership and increased marketing costs.

The direct operating costs associated with operating and maintaining the 13 Metroparks to serve 7.4 million visitors consumed \$36.2 million of Authority funds. Park operating costs increased \$2.5 million or 7.5% compared to 2020. Personnel related costs, which comprise 75 percent of park operating expenses, increased from \$25.4 million to \$27.1 million – up 7 percent. Full time equivalents increased to 479 from 449. Full-time wage rates increased across the board by three percent per collective bargaining agreements. Part-time wage rates generally follow suit with some additional adjustments for toll staff. The other 25 percent of park operating expenditures relate to material/supply/outside contractual services, which also increased from \$8.3 million to \$9.1 million, up 10 percent.

The supplemental major maintenance fund is utilized by the Authority to record supplemental major maintenance projects that are non-recurring expenditures to repair/replace existing Metropark infrastructure that is deemed critical to park operations. Funds for these projects are provided from

oil/gas revenue. During 2021, \$659 was generated as investment income. At the end of the current year, total fund balance committed in the supplemental major maintenance fund was \$5,103,381.

The output from the oil well has ceased and it is anticipated that any future additions to this fund would be the result of investment earnings. Interest income derived from investments in money market funds and U.S. Agency issues also decreased, from \$28,864 to \$659 in 2021 as interest rates fell during the year.

The fund balance of the Authority's supplemental major maintenance fund increased by \$659.

Supplemental Major Maintenance Project fund expenditures were \$0 for 2021, the same as 2020. The Board of Commissioners and management recognize that these are one-time, non-continuing revenues and that the use of these funds should be strategic. Currently there are no plans to make use of the funds.

The capital projects fund is utilized to plan, track and report on capital improvements. These are defined as a tangible improvement that is more than \$25,000 in cost and has a life in excess of one year. Funding for the projects comes primarily from the general fund with periodic supplemental support provided by grants and donations of public and private funds. The balance in this fund is decreased as funds are expended on budgeted projects. In 2021 \$6.1 million was spent on thirty-one projects of forty-eight budgeted projects. Twelve of these projects were completed by year end 2021. The remaining fund balance of \$7.7 million is available to complete the remaining projects.

The Metroparks have recognized a blended component unit, the Huron-Clinton Metroparks Foundation. This Foundation is governed by a three-member board appointed by the Authority's governing body. Although a legally separate entity, the Foundation is reported as a part of the Authority due to it being a not-for-profit corporation in which the Authority is the sole corporate member in addition to having financial accountability for the Foundation.

### **General Fund Budgetary Highlights**

Over the course of the year, the Authority's Board of Commissioners amended the budget to account for changes made necessary due to unanticipated events or situations requiring increased expenditures for operations activities.

The original General Fund budget anticipated a \$2,492,127 use of fund balance, while the final amended budget increased this to \$4,096,945. The actual change in fund balance for the 2021 fiscal year was an increase of \$3,383,831. The demand for golf, the use of trails, and parks in general remained high in 2021. The two largest sources of operating revenue for 2021 was golf and tolling.

During the year, general fund revenues were over final budgetary estimates in total by \$4,489,528. Park operating revenues exceeded the amended budgeted target of \$20,360,307 by \$3,933,155. This was augmented by \$89,008 of intergovernmental and \$461,159 of other revenue in excess of amended budget. These positive variances were the result of unanticipated restitution, insurance dividend and grant payments.



Park operation and administrative expenditures were significantly less than anticipated by approximately \$1.4 million. Similar to last year, there were reductions in needed staffing in some areas while it became more challenging to fill positions in other areas. Major maintenance expenditures were also less than planned, coming in approximately \$1.2 million under final budget projections. This is due to some projects being delayed or deemed unessential at this time.

**Capital Assets and Debt Administration**

**Capital assets.** The Authority’s investment in capital assets for its governmental-type activities as of December 31, 2021 amounted to \$196,148,941 (net of accumulated depreciation). This investment in capital assets includes land, land improvements (golf courses, etc.), buildings, roads, bridges, sewer/water systems, park facilities, and equipment. The total increase in the Authority’s investment in capital assets (net of depreciation) for the year totaled \$1,956,071 (1.0 percent).

Major capital asset events during the current year included the following:

|   |               |             |
|---|---------------|-------------|
| • Park Office Replacement                   | Willow        | \$1,694,073 |
| • Woods Creek Playground Development        | Lower Huron   | 1,480,143   |
| • Boat Launch Building Redevelopment        | Stony Creek   | 363,490     |
| • Beach Restoration                         | Lake St Clair | 292,205     |
| • North Fishing Site Redevelopment          | Lower Huron   | 263,421     |
| • Off Leash Dog Area Development            | Stony Creek   | 216,226     |
| • Shelden Trails Redevelopment              | Stony Creek   | 200,775     |
| • Farm Center Sidewalk Replacement          | Kensington    | 190,731     |
| • Nature Center Exhibit Design and Lighting | Oakwoods      | 112,959     |
| • Baypoint Beach Site Improvements          | Stony Creek   | 106,721     |

|                          | Capital Assets (Net of Depreciation) |                       |
|--------------------------|--------------------------------------|-----------------------|
|                          | Governmental Activities              |                       |
|                          | 2021                                 | 2020                  |
| Land                     | \$ 47,808,264                        | \$ 47,018,627         |
| Land improvements        | 35,475,540                           | 35,475,540            |
| Construction in progress | 4,884,915                            | 4,513,707             |
| Buildings                | 29,696,646                           | 30,821,345            |
| Equipment                | 9,993,962                            | 10,121,061            |
| Other improvements       | 38,905,410                           | 37,284,893            |
| Infrastructure           | 29,384,204                           | 28,957,697            |
| Total                    | <u>\$ 196,148,941</u>                | <u>\$ 194,192,870</u> |

Additional information on the Authority’s capital assets can be found in Note 6 in the Notes to Financial Statements.

**Noncurrent Liabilities:** The Authority has recognized \$3,603,189 in accrued compensated absences.

The Authority has no bonded debt or capital leases.



Additional information on the Authority's long-term debt can be found in Note 8 in the Notes to the Financial Statements.

### **Economic Factors and Next Year's Budget and Rates**

The Metroparks general fund revenue is based on two main components, property tax revenue and operating revenue generated by user fees. Grant revenue provides periodic support for projects. In 2021 tax generated 56%, operations produced 40% with other sources producing 4%. This has been the result of increased marketing as well as toll fee increases supported by data analysis.

Weather is generally considered a main factor in determining the success of park operations. In 2021 weather was generally really good and the demand for the parks remained high. 2022 revenue was conservatively planned, taking into consideration the laxing pandemic related restrictions.

The following factors guided the preparation of the Authority's 2022 Budget:

- Property tax revenues were based on a rolled back millage rate of 0.2089 mills. Down from 0.2104 in 2021. The 2022 Budget was based on "net" tax levy revenues of \$34.6 million after factoring out estimated captured tax revenues from tax abatement programs. This represents a 2.8 percent increase from the 2021 amended budget.
- Fees and charges rates remained the same.
- Capital equipment original budget reflected an increase of \$39,376 (1.8%) from the 2021 original budget.
- Major maintenance planned projects reflected an increase of \$643,490 (19.3%) from the 2021 original budget.

### **Requests for Information**

This financial report is designed to provide a general overview of the Huron-Clinton Metropolitan Authority's finances for all those with an interest in the government's finances. Questions concerning any of the information provided in this report or requests for additional financial information should be addressed to the Chief of Finance, Huron-Clinton Metropolitan Authority, 13000 High Ridge Drive, Brighton, Michigan, 48114-9058.

# Basic Financial Statements

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December 31, 2021

|   | Governmental<br>Activities   |
|---|------------------------------|
|   | <u>                    </u>  |
| <b>Assets</b>                                       |                              |
| Cash and cash equivalents (Note 3)                  | \$ 5,537,514                 |
| Investments (Note 3)                                | 57,053,424                   |
| Receivables (Note 5)                                | 35,391,728                   |
| Inventory   | 290,204                      |
| Prepaid expenses and other assets                   | 863,442                      |
| Other receivables                                   | 1,950                        |
| Restricted assets                                   | 2,029,157                    |
| Net OPEB asset                                      | 4,357,659                    |
| Capital assets: (Note 6)                            |                              |
| Assets not subject to depreciation                  | 88,168,719                   |
| Assets subject to depreciation - Net                | <u>107,980,222</u>           |
| Total assets  | 301,674,019                  |
| <b>Deferred Outflows of Resources</b>               |                              |
| Deferred pension costs (Note 10)                    | 1,916,608                    |
| Deferred OPEB costs (Note 11)                       | <u>1,170,403</u>             |
| Total deferred outflows of resources                | 3,087,011                    |
| <b>Liabilities</b>                                  |                              |
| Accounts payable                                    | 1,370,171                    |
| Accrued liabilities and other                       | 1,069,638                    |
| Unearned revenue                                    | 2,323,276                    |
| Noncurrent liabilities:                             |                              |
| Due within one year - Compensated absences (Note 8) | 1,242,244                    |
| Due in more than one year:                          |                              |
| Compensated absences (Note 8)                       | 2,360,945                    |
| Net pension liability (Note 10)                     | 14,098,986                   |
| Estimated insurance liabilities (Note 9)            | <u>63,690</u>                |
| Total liabilities                                   | 22,528,950                   |
| <b>Deferred Inflows of Resources</b>                |                              |
| Property taxes levied for the following year        | 34,642,522                   |
| Deferred pension cost reductions (Note 10)          | 3,881,546                    |
| Deferred OPEB cost reductions (Note 11)             | <u>8,913,038</u>             |
| Total deferred inflows of resources                 | <u>47,437,106</u>            |
| <b>Net Position</b>                                 |                              |
| Net investment in capital assets                    | 196,148,941                  |
| Restricted:   |                              |
| Lake St. Clair Marina                               | 468,668                      |
| Hudson Mills Canoe Livery                           | 34,458                       |
| Foundation - Grants                                 | 92,555                       |
| Unrestricted  | <u>38,050,352</u>            |
| Total net position                                  | <u><u>\$ 234,794,974</u></u> |

# Huron-Clinton Metropolitan Authority

## Statement of Activities

Year Ended December 31, 2021

|   | Expenses             | Program Revenue      |                                    | Net (Expense)                    |                                     |
|---|----------------------|----------------------|------------------------------------|----------------------------------|-------------------------------------|
|   |                      | Charges for Services | Operating Grants and Contributions | Capital Grants and Contributions | Revenue and Changes in Net Position |
|   |                      |                      |                                    | Governmental Activities          |                                     |
| <b>Functions/Programs -</b>             |                      |                      |                                    |                                  |                                     |
| Primary government                      | <u>\$ 48,535,277</u> | <u>\$ 24,424,886</u> | <u>\$ 727,821</u>                  | <u>\$ 388,885</u>                | \$ (22,993,685)                     |
| General revenue:                        |                      |                      |                                    |                                  |                                     |
| Taxes                                   |                      |                      |                                    |                                  | 33,691,923                          |
| Investment earnings                     |                      |                      |                                    |                                  | 145,242                             |
| Donations                               |                      |                      |                                    |                                  | 276,192                             |
| Gain on sale of capital assets          |                      |                      |                                    |                                  | 137,214                             |
| Other miscellaneous income              |                      |                      |                                    |                                  | 640,659                             |
| Total general revenue                   |                      |                      |                                    |                                  | <u>34,891,230</u>                   |
| <b>Change in Net Position</b>           |                      |                      |                                    |                                  | 11,897,545                          |
| <b>Net Position - Beginning of year</b> |                      |                      |                                    |                                  | <u>222,897,429</u>                  |
| <b>Net Position - End of year</b>       |                      |                      |                                    |                                  | <u><b>\$ 234,794,974</b></u>        |

# Huron-Clinton Metropolitan Authority

## Balance Sheet

December 31, 2021

|  | General Fund         | Capital Projects Fund | Nonmajor Funds      | Total Governmental Funds |
|--|----------------------|-----------------------|---------------------|--------------------------|
| <b>Assets</b>  |                      |                       |                     |                          |
| Cash and cash equivalents (Note 3)   | \$ 5,524,626         | \$ -                  | \$ 12,888           | \$ 5,537,514             |
| Investments (Note 3)   | 42,761,996           | 9,188,047             | 5,103,381           | 57,053,424               |
| Receivables (Note 5)   | 35,222,727           | 169,001               | -                   | 35,391,728               |
| Due from other funds (Note 7)  | 821,324              | -                     | -                   | 821,324                  |
| Inventory  | 290,204              | -                     | -                   | 290,204                  |
| Prepaid expenses and other assets  | 863,442              | -                     | -                   | 863,442                  |
| Other receivables  | -                    | -                     | 1,950               | 1,950                    |
| Restricted assets  | -                    | -                     | 2,029,157           | 2,029,157                |
| <b>Total assets</b>  | <b>\$ 85,484,319</b> | <b>\$ 9,357,048</b>   | <b>\$ 7,147,376</b> | <b>\$ 101,988,743</b>    |
| <b>Liabilities</b>   |                      |                       |                     |                          |
| Accounts payable   | \$ 653,159           | \$ 702,461            | \$ 14,551           | \$ 1,370,171             |
| Due to other funds (Note 7)  | -                    | 821,324               | -                   | 821,324                  |
| Accrued liabilities and other  | 1,069,638            | -                     | -                   | 1,069,638                |
| Unearned revenue   | 386,387              | -                     | 1,936,889           | 2,323,276                |
| <b>Total liabilities</b>   | <b>2,109,184</b>     | <b>1,523,785</b>      | <b>1,951,440</b>    | <b>5,584,409</b>         |
| <b>Deferred Inflows of Resources</b>                                       |                      |                       |                     |                          |
| Unavailable revenue  | 73,939               | 144,400               | -                   | 218,339                  |
| Property taxes levied for the following year                               | 34,642,522           | -                     | -                   | 34,642,522               |
| <b>Total deferred inflows of resources</b>                                 | <b>34,716,461</b>    | <b>144,400</b>        | <b>-</b>            | <b>34,860,861</b>        |
| <b>Fund Balances (Note 15)</b>   |                      |                       |                     |                          |
| Nonspendable:  |                      |                       |                     |                          |
| Inventory  | 290,204              | -                     | -                   | 290,204                  |
| Prepays and other assets   | 863,442              | -                     | -                   | 863,442                  |
| Restricted   | 503,126              | -                     | 92,555              | 595,681                  |
| Committed  | 5,421,525            | 7,688,863             | 5,103,381           | 18,213,769               |
| Assigned   | 15,421,004           | -                     | -                   | 15,421,004               |
| Unassigned   | 26,159,373           | -                     | -                   | 26,159,373               |
| <b>Total fund balances</b>   | <b>48,658,674</b>    | <b>7,688,863</b>      | <b>5,195,936</b>    | <b>61,543,473</b>        |
| <b>Total liabilities, deferred inflows of resources, and fund balances</b> | <b>\$ 85,484,319</b> | <b>\$ 9,357,048</b>   | <b>\$ 7,147,376</b> | <b>\$ 101,988,743</b>    |

# Huron-Clinton Metropolitan Authority

## Reconciliation of the Balance Sheet to the Statement of Net Position

December 31, 2021

|  |                                     |
|--|-------------------------------------|
| <b>Fund Balances Reported in Governmental Funds</b>  | \$ 61,543,473                       |
| Amounts reported for governmental activities in the statement of net position are different because:   |                                     |
| Capital assets used in governmental activities are not financial resources and are not reported in the funds:  |                                     |
| Cost of capital assets   | 311,152,518                         |
| Accumulated depreciation   | <u>(115,003,577)</u>                |
| Net capital assets used in governmental activities   | 196,148,941                         |
| Receivables that are not collected soon after year end are not available to pay for current period expenditures and, therefore, are reported as unavailable revenue in the funds         | 218,339                             |
| Some employee fringe benefits are payable over a long period of years and do not represent a claim on current financial resources; therefore, they are not reported as fund liabilities: |                                     |
| Employee compensated absences  | (3,603,189)                         |
| Pension benefits and related deferrals   | (16,063,924)                        |
| Retiree health care benefits and related deferrals   | (3,384,976)                         |
| Other long-term liabilities, such as claims and judgments, do not present a claim on current financial resources and are not reported as fund liabilities                                | <u>(63,690)</u>                     |
| <b>Net Position of Governmental Activities</b>   | <b><u><u>\$ 234,794,974</u></u></b> |

# Huron-Clinton Metropolitan Authority

## Statement of Revenue, Expenditures, and Changes in Fund Balances

Year Ended December 31, 2021

|  | General Fund         | Capital Projects Fund | Nonmajor Funds      | Total Governmental Funds |
|--|----------------------|-----------------------|---------------------|--------------------------|
| <b>Revenue</b>                                     |                      |                       |                     |                          |
| Taxes  | \$ 33,693,345        | \$ -                  | \$ -                | \$ 33,693,345            |
| Intergovernmental                                  | 724,159              | 244,485               | -                   | 968,644                  |
| Charges for services                               | 24,293,462           | -                     | -                   | 24,293,462               |
| Interest income                                    | 118,192              | 26,391                | 659                 | 145,242                  |
| Donations  | 110,501              | 94,509                | 71,182              | 276,192                  |
| Other revenue                                      | 640,659              | -                     | 131,434             | 772,093                  |
| Total revenue                                      | 59,580,318           | 365,385               | 203,275             | 60,148,978               |
| <b>Expenditures</b>                                |                      |                       |                     |                          |
| Current services:                                  |                      |                       |                     |                          |
| Operating:   |                      |                       |                     |                          |
| Park operations                                    | 36,204,330           | -                     | -                   | 36,204,330               |
| Major maintenance                                  | 2,387,449            | -                     | -                   | 2,387,449                |
| Administrative offices                             | 10,096,918           | -                     | -                   | 10,096,918               |
| Foundation expenditures                            | -                    | -                     | 186,091             | 186,091                  |
| Capital outlay                                     | 2,559,083            | 6,134,203             | -                   | 8,693,286                |
| Total expenditures                                 | 51,247,780           | 6,134,203             | 186,091             | 57,568,074               |
| <b>Excess of Revenue Over (Under) Expenditures</b> | 8,332,538            | (5,768,818)           | 17,184              | 2,580,904                |
| <b>Other Financing Sources (Uses)</b>              |                      |                       |                     |                          |
| Transfers in                                       | -                    | 5,098,357             | -                   | 5,098,357                |
| Transfers out                                      | (5,098,357)          | -                     | -                   | (5,098,357)              |
| Proceeds from sale of capital assets               | 149,650              | -                     | -                   | 149,650                  |
| Total other financing (uses) sources               | (4,948,707)          | 5,098,357             | -                   | 149,650                  |
| <b>Net Change in Fund Balances</b>                 | 3,383,831            | (670,461)             | 17,184              | 2,730,554                |
| <b>Fund Balances - Beginning of year</b>           | 45,274,843           | 8,359,324             | 5,178,752           | 58,812,919               |
| <b>Fund Balances - End of year</b>                 | <b>\$ 48,658,674</b> | <b>\$ 7,688,863</b>   | <b>\$ 5,195,936</b> | <b>\$ 61,543,473</b>     |

## Huron-Clinton Metropolitan Authority

### Reconciliation of the Statement of Revenue, Expenditures, and Changes in Fund Balances to the Statement of Activities

Year Ended December 31, 2021

|  |                                    |
|--|------------------------------------|
| <b>Net Change in Fund Balances Reported in Governmental Funds</b>  | \$ 2,730,554                       |
| Amounts reported for governmental activities in the statement of activities are different because:   |                                    |
| Governmental funds report capital outlays as expenditures; however, in the statement of activities, these costs are allocated over their estimated useful lives as depreciation:   |                                    |
| Capital outlay   | 8,657,851                          |
| Depreciation expense   | (6,689,344)                        |
| Net book value of assets disposed of   | (12,436)                           |
| Revenue in the statement of activities that does not provide current financial resources is not reported as revenue in the funds until it is available   | 146,640                            |
| Some employee costs (pension, OPEB, pension and OPEB deferrals, and compensated absences) do not require the use of current financial resources and, therefore, are not reported as expenditures in the governmental funds | <u>7,064,280</u>                   |
| <b>Change in Net Position of Governmental Activities</b>   | <b><u><u>\$ 11,897,545</u></u></b> |



# Huron-Clinton Metropolitan Authority

## Statement of Fiduciary Net Position

December 31, 2021

|  | <u>Pension and<br/>Other Employee<br/>Benefit Trust<br/>Funds</u> |
|--|---|
| <b>Assets</b>                              |   |
| Investments:                               |   |
| Equity mutual funds                        | \$ 63,307,899   |
| Fixed-income mutual funds                  | 39,896,367  |
| Collective investment trust                | 8,981,032   |
| Accrued interest receivable                | 56,856  |
| Prepaid expenses                           | <u>106,442</u>  |
| Total assets                               | 112,348,596   |
| <b>Liabilities - Vouchers payable</b>      | <u>126,962</u>  |
| <b>Net Position</b>                        |   |
| Restricted:                                |   |
| Pension                                    | 75,294,666  |
| Postemployment benefits other than pension | <u>36,926,968</u>   |
| Total net position                         | <u><u>\$ 112,221,634</u></u>                                      |

## Huron-Clinton Metropolitan Authority

### Statement of Changes in Fiduciary Net Position

Year Ended December 31, 2021

|   | <u>Pension and<br/>Other Employee<br/>Benefit Trust<br/>Funds</u> |
|---|---|
| <b>Additions</b>                              |   |
| Investment income (loss):                     |   |
| Interest and dividends                        | \$ 2,609,159  |
| Net increase in fair value of investments     | 7,443,347   |
| Investment-related expenses                   | <u>(490,037)</u>  |
| Net investment income                         | 9,562,469   |
| Contributions:                                |   |
| Employer contributions                        | 4,951,087   |
| Employee contributions                        | <u>79,877</u>   |
| Total contributions                           | <u>5,030,964</u>  |
| Total additions                               | 14,593,433  |
| <b>Deductions - Benefit payments</b>          | <u>6,374,881</u>  |
| <b>Net Increase in Fiduciary Net Position</b> | 8,218,552   |
| <b>Net Position - Beginning of year</b>       | <u>104,003,082</u>  |
| <b>Net Position - End of year</b>             | <u><u>\$ 112,221,634</u></u>                                      |

December 31, 2021

### Note 1 - Significant Accounting Policies

#### ***Accounting and Reporting Principles***

Huron-Clinton Metropolitan Authority (the "Authority") follows accounting principles generally accepted in the United States of America (GAAP), as applicable to governmental units. Accounting and financial reporting pronouncements are promulgated by the Governmental Accounting Standards Board (GASB). The following is a summary of the significant accounting policies used by the Authority:

#### ***Reporting Entity***

Huron-Clinton Metropolitan Authority was created in 1939 as a special district form of government to provide recreational facilities and services to residents of Livingston, Macomb, Oakland, Washtenaw, and Wayne counties. The Authority is governed by a Board of Commissioners from each of the five participating counties and two commissioners appointed by the governor of Michigan. Principal funding for the Authority is derived from a property tax levy assessed in each of the five participating counties. The accompanying financial statements present the Authority and its component units, entities for which the Authority is considered to be financially accountable. Blended component units are, in substance, part of the authority operations, even though they are separate legal entities. Thus, blended component units are appropriately presented as funds of the Authority.

#### **Blended Component Unit**

The Huron-Clinton Metroparks Foundation (the "Foundation") is governed by a three-member board appointed by the Authority's governing body. Although it is legally separate from the Authority, the Foundation is reported as if it were part of the primary government because the Foundation is a not-for-profit corporation in which the Authority is the sole corporate member in addition having financial accountability for the Foundation.

#### ***Fund Accounting***

The Authority accounts for its various activities in several different funds in order to demonstrate accountability for how it spends certain resources; separate funds allow the Authority to show the particular expenditures for which specific revenue is used. The various funds are aggregated into two broad fund types:

#### **Governmental Funds**

Governmental funds include all activities that provide general governmental services that are not business-type activities. Governmental funds can include the General Fund, special revenue funds, debt service funds, capital project funds, and permanent funds. The Authority reports the following funds as major governmental funds:

- The General Fund is the Authority's primary operating fund because it accounts for all financial resources used to provide government services other than those specifically assigned to another fund.
- The Capital Projects Fund is used to account for capital improvement projects that result in the development of tangible assets. Funding is provided by the General Fund.

#### **Fiduciary Funds**

Fiduciary funds include amounts held in a fiduciary capacity for others. These amounts are not used to operate the Authority's programs. The Authority reports pension and other postemployment benefit trust funds, which account for the Authority's single-employer defined benefit pension plan and other postemployment benefits plan. These plans accumulate resources for pension benefit and other postemployment benefit payments to qualified authority employees. The funds are based on the plans' December 31 fiscal year ends.

December 31, 2021

**Note 1 - Significant Accounting Policies (Continued)**

**Interfund Activity**

During the course of operations, the Authority has activity between funds for various purposes. Any residual balances outstanding at year end are reported as due from/to other funds and advances to/from other funds. While these balances are reported in fund financial statements, certain eliminations are made in the preparation of the government-wide financial statements. Balances between the funds included in governmental activities (i.e., the governmental and internal service funds) are eliminated so that only the net amount is included as internal balances in the governmental activities column.

Furthermore, certain activity occurs during the year involving transfers of resources between funds. In fund financial statements, these amounts are reported at gross amounts as transfers in/out. While reported in fund financial statements, certain eliminations are made in the preparation of the government-wide financial statements. Transfers between the funds included in governmental activities are eliminated so that only the net amount is included as transfers in the governmental activities column.

**Basis of Accounting**

The governmental funds use the current financial resources measurement focus and the modified accrual basis of accounting. This basis of accounting is intended to better demonstrate accountability for how the Authority has spent its resources.

Expenditures are reported when the goods are received or the services are rendered. Capital outlays are reported as expenditures (rather than as capital assets) because they reduce the ability to spend resources in the future; conversely, employee benefit costs that will be funded in the future (such as pension and retiree health care-related costs or sick and vacation pay) are not counted until they come due for payment. In addition, debt service expenditures, claims, and judgments are recorded only when payment is due.

Revenue is not recognized until it is collected or collected soon enough after the end of the year that it is available to pay for obligations outstanding at the end of the year. For this purpose, the Authority considers amounts collected within 60 days of year end to be available for recognition. Revenue not meeting this definition is classified as a deferred inflow of resources.

Fiduciary funds use the economic resources measurement focus and the full accrual basis of accounting. Revenue is recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows.

**Report Presentation**

Governmental accounting principles require that financial reports include two different perspectives - the government-wide perspective and the fund-based perspective. The government-wide financial statements (i.e., the statement of net position and the statement of activities) report information on all of the nonfiduciary activities of the primary government. The government-wide financial statements are presented on the economic resources measurement focus and the full accrual basis of accounting. Property taxes are recognized as revenue in the year for which they are levied. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. The statements also present a schedule reconciling these amounts to the modified accrual-based presentation found in the fund-based statements.

The statement of activities demonstrates the degree to which the direct expenses of a given function or segment are offset by program revenue. Direct expenses are those that are clearly identifiable with a specific function or segment. Program revenue includes: (1) charges to customers or applicants for goods, services, or privileges provided; (2) operating grants and contributions; and (3) capital grants and contributions. Taxes, unrestricted intergovernmental receipts, and other items not properly included among program revenue are reported instead as general revenue.

December 31, 2021

**Note 1 - Significant Accounting Policies (Continued)**

Separate financial statements are provided for governmental funds and fiduciary funds, even though the latter are excluded from the government-wide financial statements. Major individual governmental funds are reported as separate columns in the fund financial statements.

***Specific Balances and Transactions***

**Cash and Investments**

Cash and cash equivalents include cash on hand, demand deposits, and short-term investments with a maturity of three months or less when acquired. Investments are stated at fair value.

**Receivables and Payables**

In general, outstanding balances between funds are reported as due to/from other funds. Activity between funds that is representative of lending/borrowing arrangements outstanding at the end of the fiscal year is referred to as advances to/from other funds.

All trade and property tax receivables are shown as net of allowance for uncollectible amounts.

**Inventories and Prepaid Items**

Inventories are valued at average cost. Inventories are recorded as expenditures when consumed rather than when purchased. Certain payments to vendors reflect costs applicable to future fiscal years and are recorded as prepaid items in both government-wide and fund financial statements, when applicable.

**Restricted Assets**

The Foundation has \$2,029,157 of restricted assets as of December 31, 2021. These amounts are composed of unspent grant and donor moneys that have been received over time and are restricted in their use. Accounts payable to be paid from these restricted amounts were \$14,551 as of December 31, 2021.

**Unearned Revenue**

The Foundation reports unearned revenue in connection with resources that have been received through nonexchange transactions but for which the Foundation has not yet met all eligibility requirements. The Foundation has \$1,936,889 of unearned revenue related to moneys received in advance of allowable costs being incurred and other applicable eligibility requirements being met.

Unearned revenue recorded in the General Fund of \$386,387 is related to park gift cards and rental charges in which the related service has yet to be delivered.

**Capital Assets**

Capital assets, which include property, buildings, equipment, other improvements, and infrastructure (roads, bridges, paved pathways, and water/sewer lines), are reported in the applicable governmental activities column in the government-wide financial statements. Capital assets are defined by the Authority as assets with an initial individual cost of more than \$5,000 for equipment and \$25,000 for all other assets and an estimated useful life in excess of one year. Such assets are recorded at historical cost or estimated historical cost if purchased or constructed. Donated capital assets are recorded at estimated acquisition value at the date of donation.

**Note 1 - Significant Accounting Policies (Continued)**

Capital assets are depreciated using the straight-line method over the following useful lives:

| Asset Classification | Depreciable Life -<br>Years |
|----------------------|-----------------------------|
| Buildings            | 30-50                       |
| Equipment            | 3-25                        |
| Other improvements   | 15-60                       |
| Infrastructure       | 15-60                       |

**Deferred Outflows/Inflows of Resources**

In addition to assets, the statement of net position and/or balance sheet will sometimes report a separate section for deferred outflows of resources. This separate financial statement element represents a consumption of net position that applies to future periods and will not be recognized as an outflow of resources (expense/expenditure) until then.

The Authority reports deferred outflows related to changes in assumptions and experience differences. Changes in assumptions relating to the net pension and OPEB liabilities are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan. Experience differences relating to the net pension liability are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan.

In addition to liabilities, the statement of net position and/or balance sheet will sometimes report a separate section for deferred inflows of resources. This separate financial statement element represents an acquisition of net position that applies to future periods and will not be recognized as an inflow of resources (revenue) until that time.

The Authority reports deferred inflows related to pension and OPEB, property taxes, and revenue deemed to be unavailable. Differences between projected and actual earnings on pension and OPEB investments are amortized over the next five years and included in pension and OPEB expense. Experience differences relating to the net pension and OPEB liabilities are deferred and amortized over the expected remaining service lives of the employees and retirees in the plan. Changes in assumptions relating to the net OPEB liability are deferred and amortization over the expected remaining service lives of the employees and retirees in the plan. Property taxes that have been levied by the Authority prior to year end but are used to fund 2022 operations are reported as deferred inflows. Additionally, revenue amounts that have been earned but are considered unavailable and are expected to be received in future periods are reported as deferred inflows.

**Net Position Flow Assumption**

The Authority will sometimes fund outlays for a particular purpose from both restricted and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the government-wide financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority’s policy to consider restricted net position to have been depleted before unrestricted net position is applied.

**Fund Balance Flow Assumptions**

The Authority will sometimes fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority’s policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance. Furthermore, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

December 31, 2021

### Note 1 - Significant Accounting Policies (Continued)

#### Fund Balance Policies

Fund balance of governmental funds is reported in various categories based on the nature of any limitations requiring the use of resources for specific purposes.

The nonspendable fund balance component represents amounts that are not in spendable form or are legally or contractually required to be maintained intact. Restricted fund balance represents amounts that are legally restricted by outside parties, constitutional provisions, or enabling legislation for use for a specific purpose. The Authority itself can establish limitations on the use of resources through either a commitment (committed fund balance) or an assignment (assigned fund balance).

- *Nonspendable* - Amounts that are not in spendable form or are legally or contractually required to be maintained intact
- *Restricted* - Amounts that are legally restricted by outside parties, constitutional provisions, or enabling legislation for use for a specific purpose
- *Committed* - Amounts that are constrained on use by the Authority's highest level of decision-making authority, its Board of Commissioners. A fund balance commitment may be established, modified, or rescinded by a resolution of the Board of Commissioners.
- *Assigned* - Amounts intended to be used for specific purposes, as determined by the Board of Commissioners or the chief of finance, as authorized by the governing body. Residual amounts in governmental funds other than the General Fund are automatically assigned by their nature.
- *Unassigned* - Amounts that do not fall into any other category above. This is the residual classification for amounts in the General Fund and represents fund balance that has not been assigned to other funds and has not been restricted, committed, or assigned to specific purposes in the General Fund. In other governmental funds, only negative unassigned amounts are reported, if any, and represent expenditures incurred for specific purposes exceeding the amounts previously restricted, committed, or assigned to those purposes.

#### Property Tax Revenue

Property taxes are levied on each December 1 and become an enforceable lien at that time; the tax is based on the taxable valuation of property as of the preceding December 31. Taxes are considered delinquent on March 1 of the following year, at which time penalties and interest are assessed.

The Authority's 2020 property tax revenue was levied and collectible on December 1, 2020 and is recognized as revenue in the year ended December 31, 2021 when the proceeds of the levy are budgeted and available for the financing of operations.

The 2020 taxable valuation of the Authority totaled \$164.6 billion (a portion of which is abated), on which taxes levied consisted of 0.2104 mills for operating purposes. This resulted in \$33.7 million for operating expenses, exclusive of any Michigan Tax Tribunal or board of review adjustments.

December 31, 2021

**Note 1 - Significant Accounting Policies (Continued)****Pension**

The Authority offers a defined benefit pension plan to its employees. The Authority records a net pension liability for the difference between the total pension liability calculated by the actuary and the pension plan's fiduciary net position. For the purpose of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pensions, and pension expense, information about the fiduciary net position of the Huron-Clinton Metropolitan Authority Employees' Retirement Plan and Trust and additions to/deductions from the pension plan's fiduciary net position have been determined on the same basis as they are reported by the pension plan. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

**Other Postemployment Benefit Costs**

The Authority offers retiree health care benefits to retirees. The Authority records a net OPEB liability for the difference between the total OPEB liability calculated by the actuary and the OPEB plan's fiduciary net position. For the purpose of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Retiree Health Care Plan and Trust and additions to/deductions from the OPEB plan's fiduciary net position have been determined on the same basis as they are reported by the OPEB plan. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Investments are reported at fair value, except for money market investments and participating interest-earning investment contracts that have a maturity at the time of purchase of one year or less, which are reported at cost.

**Compensated Absences (Vacation and Sick Leave)**

It is the Authority's policy to permit employees to accumulate earned but unused sick and vacation pay benefits. Sick pay is accrued for the estimated amount that the Authority will pay upon employment termination; vacation pay is accrued when incurred. Both of these are reported in the government-wide and proprietary fund financial statements. A liability for these amounts is reported in governmental funds only for employee terminations as of year end. Generally, the funds that report each employee's compensation are used to liquidate the obligations.

**Use of Estimates**

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

**Upcoming Accounting Pronouncements**

In June 2017, the GASB issued Statement No. 87, *Leases*, which improves accounting and financial reporting for leases by governments. This statement requires recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources. The Authority is currently evaluating the impact this standard will have on the financial statements when adopted. The provisions of this statement are effective for the Authority's financial statements for the year ending December 31, 2022.



December 31, 2021

**Note 1 - Significant Accounting Policies (Continued)**

In January 2020, the GASB issued Statement No. 92, *Omnibus 2020*. This statement addresses eight unrelated practice issues and technical inconsistencies in authoritative literature. The standard addresses leases, intraentity transfers of assets, postemployment benefits, government acquisitions, risk financing and insurance-related activities of public entity risk pools, fair value measurements, and derivative instruments. The standard has various effective dates. The Authority does not believe this pronouncement will have a significant impact on its financial statements but is still making a full evaluation.

**Subsequent Events**

The financial statements and related disclosures include evaluation of events up through and including May 24, 2022, which is the date the financial statements were available to be issued.

**Note 2 - Stewardship, Compliance, and Accountability**

**Budgetary Information**

Annual budgets are adopted on a basis consistent with generally accepted accounting principles and state law for the General Fund and are adopted on a category level (i.e., park operations, major maintenance, administrative offices, equipment, and transfers out). All annual appropriations lapse at fiscal year end. The legal level of budgetary control adopted by the governing body (i.e., the level at which expenditures may not legally exceed appropriations) is the function level. State law requires the Authority to have its budget in place by January 1. Expenditures in excess of amounts budgeted are a violation of Michigan law. State law permits districts to amend their budgets during the year. During the year, the budget was amended in a legally permissible manner. There were no significant amendments during the year.

Encumbrance accounting is employed in governmental funds. Encumbrances (e.g. purchase orders or contracts) are not tracked during the year. Budget appropriations are considered to be spent once the goods are delivered or the services rendered.

**Excess of Expenditures Over Appropriations in Budgeted Funds**

The Authority did not have significant expenditure budget variances.

**Note 3 - Deposits and Investments**

Deposits and investments are reported in the financial statements as follows:

|                                | Governmental<br>Activities | Fiduciary             |
|--------------------------------|----------------------------|-----------------------|
| Cash and cash equivalents      | \$ 5,537,514               | \$ -                  |
| Investments                    | 57,053,424                 | 112,185,298           |
| Total deposits and investments | <u>\$ 62,590,938</u>       | <u>\$ 112,185,298</u> |

December 31, 2021

**Note 3 - Deposits and Investments (Continued)**

These amounts are classified into the following deposit and investment categories:

|                             | Governmental<br>Activities | Fiduciary Funds       |
|-----------------------------|----------------------------|-----------------------|
| Cash and cash equivalents   | \$ 5,502,614               | \$ -                  |
| Investments:                |                            |                       |
| Reported at cost:           |                            |                       |
| Short-term funds (2a7-like) | 16,354,110                 | -                     |
| U.S. agency bonds           | 10,449,600                 | -                     |
| Certificates of deposit     | 30,249,714                 | -                     |
| Reported at fair value:     |                            |                       |
| Equity mutual funds         | -                          | 63,307,899            |
| Fixed-income mutual funds   | -                          | 39,896,367            |
| Collective investment trust | -                          | 8,981,032             |
| Petty cash or cash on hand  | 34,900                     | -                     |
|                             | <u>\$ 62,590,938</u>       | <u>\$ 112,185,298</u> |
| Total                       |                            |                       |

Michigan Compiled Laws Section 129.91 (Public Act 20 of 1943, as amended) authorizes local governmental units to make deposits and invest in the accounts of federally insured banks, credit unions, and savings and loan associations that have offices in Michigan. The law also allows investments outside the state of Michigan when fully insured. The local unit is allowed to invest in bonds, securities, and other direct obligations of the United States or any agency or instrumentality of the United States; repurchase agreements; bankers' acceptances of United States banks; commercial paper rated within the two highest classifications that matures no more than 270 days after the date of purchase; obligations of the State of Michigan or its political subdivisions that are rated as investment grade; and mutual funds composed of investment vehicles that are legal for direct investment by local units of government in Michigan.

The pension trust fund and retiree health care fund are also authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate (if the trust fund's assets exceed \$250 million), debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles.

The Authority has designated 18 banks for the deposit of its funds. The investment policy adopted by the board in accordance with Public Act 196 of 1997 has authorized investment in bonds and securities of the United States government and bank accounts and CDs but not the remainder of state statutory authority, as listed above. The Authority's deposits and investments are in accordance with statutory authority.

There are no limitations or restrictions on participant withdrawals for the investment pools that are recorded at amortized cost.

December 31, 2021

**Note 3 - Deposits and Investments (Continued)**

The Authority's cash and investments are subject to several types of risk, which are examined in more detail below:

***Custodial Credit Risk of Bank Deposits***

Custodial credit risk is the risk that, in the event of a bank failure, the Authority's deposits may not be returned to it. The Authority does not have a policy for custodial credit risk. At year end, the Authority had \$32,468,305 of bank deposits (certificates of deposit and checking and savings accounts). Of that amount, \$3,255,719 was covered by federal depository insurance, and the remainder was uninsured and uncollateralized. The Authority believes that, due to the dollar amounts of cash deposits and the limits of Federal Deposit Insurance Corporation (FDIC) insurance, it is impractical to insure all deposits. As a result, the Authority evaluates each financial institution with which it deposits funds and assesses the level of risk of each institution; only those institutions with an acceptable estimated risk level are used as depositories.

***Component Units***

The component units had \$2,042,045 of bank deposits subject to custodial credit risk, of which \$1,792,045 was uninsured and uncollateralized as of December 31, 2021.

***Custodial Credit Risk of Investments***

Custodial credit risk is the risk that, in the event of the failure of the counterparty, the Authority will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. The Authority does not have a policy for custodial credit risk. At year end, the Authority had no investment securities that were uninsured and unregistered, with securities held by the counterparty or by its trust department or agent but not in the Authority's name.

***Interest Rate Risk***

Interest rate risk is the risk that the value of investments will decrease as a result of a rise in interest rates. The Authority's investment policy does not restrict investment maturities other than commercial paper, which can only be purchased with a 270-day maturity.

At year end, the Authority had the following investments:

| Investment                | Carrying Value | Weighted-<br>average Maturity<br>(Years) |
|---------------------------|----------------|--|
| <b>Primary Government</b> |                |  |
| U.S. agency bonds         | \$ 10,449,600  | 3.38                                     |
| <b>Fiduciary Funds</b>    |                |  |
| Fixed-income mutual funds | 39,896,367     | 6.56                                     |

December 31, 2021

**Note 3 - Deposits and Investments (Continued)**

**Credit Risk**

State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The Authority's investment policy abides by this limitation. At December 31, 2021, the Authority's investments were within these guidelines.

| Investment                  | Carrying Value        | Rating    | Rating Organization |
|-----------------------------|-----------------------|-----------|---------------------|
| <b>Primary Government</b>   |                       |           |                     |
| U.S. agency bonds           | \$ 10,449,600         | Aaa       | Moody's             |
| Comerica J-Fund             | 16,354,110            | Not rated |                     |
| <b>Fiduciary Funds</b>      |                       |           |                     |
| Equity mutual funds         | 63,307,899            | Not rated |                     |
| Fixed-income mutual funds   | 39,896,367            | Not rated |                     |
| Collective investment trust | 8,981,032             | Not rated |                     |
| Total                       | <u>\$ 138,989,008</u> |           |                     |

**Concentration of Credit Risk**

The Authority places no limit on the amount it may invest in any one issuer. The Authority does not have any investments subject to concentration of credit risk.

**Securities Lending**

**Note 4 - Fair Value Measurements**

The Authority categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the assets. Level 1 inputs are quoted prices in active markets for identical assets, Level 2 inputs are significant other observable inputs, and Level 3 inputs are significant unobservable inputs. Investments that are measured at fair value using net asset value (NAV) per share (or its equivalent) as a practical expedient are not classified in the fair value hierarchy.

In instances where inputs used to measure fair value fall into different levels in the fair value hierarchy, fair value measurements in their entirety are categorized based on the lowest level input that is significant to the valuation. The Authority's assessment of the significance of particular inputs to these fair value measurements requires judgment and considers factors specific to each asset.

The Authority has the following recurring fair value measurements as of December 31, 2021:

- Equity and fixed-income mutual funds of \$103,204,266 are valued using quoted market prices (Level 1 inputs).
- U.S. agency bonds of \$10,449,600 are valued using independent quotation bureaus that use computerized valuation formulas to calculate current values (Level 2 inputs).

**Investments in Entities that Calculate Net Asset Value per Share**

The Authority holds shares or interests in investment companies where the fair value of the investments is measured on a recurring basis using net asset value per share (or its equivalent) of the investment companies as a practical expedient.

December 31, 2021

**Note 4 - Fair Value Measurements (Continued)**

As of December 31, 2021, the Authority held \$8,981,032 of collective investment trusts valued at net asset value. The collective investment funds are subject to a quarterly redemption process that requires 65 days prenotification. Funds are redeemable at NAV. There is also a 10 percent holdback on final payments under which the amount is held in escrow until completion of the fund's audit.

**Note 5 - Receivables**

Receivables as of December 31, 2021 for the Authority in the aggregate are as follows:

|                                 | General Fund         | Capital Projects Fund | Governmental Activities |
|---------------------------------|----------------------|-----------------------|-------------------------|
| Property taxes receivable - Net | \$ 34,501,269        | \$ -                  | \$ 34,501,269           |
| Accrued interest receivable     | 26,491               | 9,613                 | 36,104                  |
| Other receivables               | 43,092               | -                     | 43,092                  |
| Due from other governments      | 651,875              | 159,388               | 811,263                 |
| Total                           | <u>\$ 35,222,727</u> | <u>\$ 169,001</u>     | <u>\$ 35,391,728</u>    |

**Note 6 - Capital Assets**

Capital asset activity of the Authority's governmental activities was as follows:

**Governmental Activities**

|  | Balance<br>January 1,<br>2021 | Reclassifications | Additions           | Disposals and<br>Adjustments | Balance<br>December 31,<br>2021 |
|--|-------------------------------|-------------------|---------------------|------------------------------|---------------------------------|
| Capital assets not being depreciated:      |                               |                   |                     |                              |                                 |
| Land                                       | \$ 47,018,627                 | \$ -              | \$ 789,637          | \$ -                         | \$ 47,808,264                   |
| Land improvements                          | 35,475,540                    | -                 | -                   | -                            | 35,475,540                      |
| Construction in progress                   | 4,513,707                     | (3,558,331)       | 3,947,146           | (17,607)                     | 4,884,915                       |
| Subtotal                                   | 87,007,874                    | (3,558,331)       | 4,736,783           | (17,607)                     | 88,168,719                      |
| Capital assets being depreciated:          |                               |                   |                     |                              |                                 |
| Buildings                                  | 57,697,477                    | -                 | -                   | -                            | 57,697,477                      |
| Equipment                                  | 27,003,694                    | -                 | 1,769,466           | (1,032,836)                  | 27,740,324                      |
| Other improvements                         | 66,665,819                    | 3,141,302         | 317,863             | (405,503)                    | 69,719,481                      |
| Infrastructure                             | 65,558,143                    | 417,029           | 1,851,345           | -                            | 67,826,517                      |
| Subtotal                                   | 216,925,133                   | 3,558,331         | 3,938,674           | (1,438,339)                  | 222,983,799                     |
| Accumulated depreciation:                  |                               |                   |                     |                              |                                 |
| Buildings                                  | 26,876,132                    | -                 | 1,124,699           | -                            | 28,000,831                      |
| Equipment                                  | 16,882,633                    | -                 | 1,884,131           | (1,020,402)                  | 17,746,362                      |
| Other improvements                         | 29,380,926                    | -                 | 1,838,647           | (405,502)                    | 30,814,071                      |
| Infrastructure                             | 36,600,446                    | -                 | 1,841,867           | -                            | 38,442,313                      |
| Subtotal                                   | 109,740,137                   | -                 | 6,689,344           | (1,425,904)                  | 115,003,577                     |
| Net capital assets being depreciated       | 107,184,996                   | 3,558,331         | (2,750,670)         | (12,435)                     | 107,980,222                     |
| Net governmental activities capital assets | <u>\$ 194,192,870</u>         | <u>\$ -</u>       | <u>\$ 1,986,113</u> | <u>\$ (30,042)</u>           | <u>\$ 196,148,941</u>           |

December 31, 2021

**Note 6 - Capital Assets (Continued)**

**Governmental Activities (Continued)**

Depreciation expense of \$6,689,344 for the year ended December 31, 2021 was charged to recreation and culture on the statement of activities.

As of December 31, 2021, the Authority has entered into construction commitments related to capital projects in the amount of approximately \$8,100,000, of which \$4,400,000 has been incurred, with the remaining \$3,700,000 not yet encumbered.

**Note 7 - Interfund Receivables, Payables, and Transfers**

The composition of interfund balances is as follows:

| Receivable Fund | Payable Fund          | Amount     |
|-----------------|-----------------------|------------|
| General Fund    | Capital Projects Fund | \$ 821,324 |

Amounts receivable in the General Fund result from the time lag between the dates that goods and services are provided or reimbursable expenditures occur, transactions are recorded in the accounting system, and payments between funds are made.

Interfund transfers reported in the fund financial statements are composed of the following:

| Paying Fund (Transfer Out) | Receiving Fund (Transfer In) | Amount       |
|----------------------------|------------------------------|--------------|
| General Fund               | Capital Projects Fund        | \$ 5,098,357 |

The transfers from the General Fund to the Capital Projects Fund represent the use of unrestricted resources to finance capital project expenditures.

**Note 8 - Long-term Obligations**

Long-term debt activity for the year ended December 31, 2021 can be summarized as follows:

|                      | Beginning<br>Balance | Additions    | Reductions     | Ending<br>Balance | Due within<br>One Year |
|----------------------|----------------------|--------------|----------------|-------------------|------------------------|
| Compensated absences | \$ 3,946,741         | \$ 1,736,405 | \$ (2,079,957) | \$ 3,603,189      | \$ 1,242,244           |

**Note 9 - Risk Management**

The Authority is exposed to various risks of loss related to property loss, torts, errors and omissions, and employee injuries (workers' compensation), as well as medical benefits provided to employees. The Authority has purchased commercial insurance for medical benefits. The Authority is partially insured for general claims. Settled claims relating to the commercial insurance have not exceeded the amount of insurance coverage in any of the past three fiscal years.

The Michigan Municipal Risk Management Authority (MMRMA) risk pool program operates as a claims servicing pool for amounts up to member retention limits and operates as a common risk-sharing management program for losses in excess of member retention amounts. Although premiums are paid annually to MMRMA that it uses to pay claims up to the retention limits, the ultimate liability for those claims remains with the Authority.

December 31, 2021

**Note 9 - Risk Management (Continued)**

The Authority estimates the liability for general liability claims that have been incurred through the end of the fiscal year, including claims that have been reported, as well as those that have not yet been reported. Changes in the estimated liability for the current fiscal year was as follows:

|   |                  |
|---|------------------|
| Estimated liability - Beginning of year                   | \$ 197,012       |
| Estimated claims incurred, including changes in estimates | (63,137)         |
| Claim payments  | <u>(70,185)</u>  |
| Estimated liability - End of year                         | <u>\$ 63,690</u> |

**Note 10 - Pension Plan**

***Plan Description***

The Huron-Clinton Metropolitan Authority provides a monthly retirement benefit to employees who meet the eligibility requirements, including age and years of service. The benefits are provided through the Huron-Clinton Metropolitan Authority Employees' Retirement Plan and Trust, a single-employer plan administered by the pension committee. This plan does not issue a stand-alone financial report.

Management of the plan is vested in the pension board, which consists of seven members - two commissioners at large, the chairman of the Board of Commissioners, the director of the Authority, the president of the Huron-Clinton Metropolitan Authority Employees' Association, the president of the Huron-Clinton Metropolitan Authority Rangers Union of the Police Officers Association of Michigan, and one member who is a retiree of the Authority who shall be appointed.

***Benefits Provided***

The plan provides retirement and disability benefits to full-time employees hired prior to January 1, 2013. All retirement benefits fully vest after 10 years of credited service, with partial vesting granted for service less than 10 years. Employees who retire at age 65 are entitled to an annual retirement benefit, payable monthly in an amount equal to 2 percent of the highest consecutive 5-year average monthly earnings in the last 10 years of service, with a maximum monthly benefit of 71 percent of the final average monthly earnings. Employees may retire at age 60 with an unreduced benefit only if they have 25 or more years of service at early retirement. Employees retiring at age 55 with 10 years of credited service are entitled to receive a reduced monthly retirement benefit.

Benefit terms are generally established and amended by authority of the Board of Commissioners, generally after negotiations of these terms with the affected unions.

***Employees Covered by Benefit Terms***

The following members were covered by the benefit terms:

|   |                   |
|---|-------------------|
| Date of member count  | December 31, 2021 |
| Inactive plan members or beneficiaries currently receiving benefits | 184               |
| Inactive plan members entitled to but not yet receiving benefits    | 15                |
| Active plan members   | <u>105</u>        |
| Total employees covered by the plan                                 | <u><u>304</u></u> |

December 31, 2021

**Note 10 - Pension Plan (Continued)**

**Contributions**

State law requires public employers to make pension contributions in accordance with an actuarial valuation. The Authority hires an independent actuary for this purpose and annually contributes the amount determined to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. Employees are required to contribute 1 percent of their base wage to the plan. The Authority's required contribution is determined after consideration of the required contribution rate of employees.

**Net Pension Liability**

The Authority has chosen to use the December 31 measurement date as its measurement date for the net pension liability. The December 31, 2021 fiscal year end reported net pension liability was determined using a measure of the total pension liability and the pension net position as of the December 31, 2021 measurement date. The December 31, 2021 measurement date total pension liability was determined by an actuarial valuation performed as of that date.

Changes in the net pension liability during the measurement year were as follows:

| Changes in Net Pension Liability                   | Increase (Decrease)     |                      |                       |
|--|-------------------------|----------------------|-----------------------|
|  | Total Pension Liability | Plan Net Position    | Net Pension Liability |
| <b>Balance at January 1, 2021</b>                  | \$ 86,988,407           | \$ 68,989,913        | \$ 17,998,494         |
| Changes for the year:                              |                         |                      |                       |
| Service cost                                       | 957,060                 | -                    | 957,060               |
| Interest   | 5,520,621               | -                    | 5,520,621             |
| Differences between expected and actual experience | 996,173                 | -                    | 996,173               |
| Contributions - Employer                           | -                       | 4,701,826            | (4,701,826)           |
| Contributions - Employee                           | -                       | 79,877               | (79,877)              |
| Net investment income                              | -                       | 6,591,659            | (6,591,659)           |
| Benefit payments, including refunds                | (5,068,609)             | (5,068,609)          | -                     |
| Net changes  | 2,405,245               | 6,304,753            | (3,899,508)           |
| <b>Balance at December 31, 2021</b>                | <b>\$ 89,393,652</b>    | <b>\$ 75,294,666</b> | <b>\$ 14,098,986</b>  |

The plan's fiduciary net position represents 84.2 percent of the total pension liability.

**Pension Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to Pensions**

For the year ended December 31, 2021, the Authority recognized pension expense of \$1,793,502.

At December 31, 2021, the Authority reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

|  | Deferred Outflows of Resources | Deferred Inflows of Resources |
|--|--------------------------------|-------------------------------|
| Difference between expected and actual experience                                | \$ 654,749                     | \$ (289,732)                  |
| Changes in assumptions   | 1,261,859                      | -                             |
| Net difference between projected and actual earnings on pension plan investments | -                              | (3,591,814)                   |
| Total  | <b>\$ 1,916,608</b>            | <b>\$ (3,881,546)</b>         |



December 31, 2021

**Note 10 - Pension Plan (Continued)**

Amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized in pension expense as follows:

| Years Ending<br>December 31 | Amount                |
|-----------------------------|-----------------------|
| 2022                        | \$ 649,994            |
| 2023                        | (1,359,102)           |
| 2024                        | (832,503)             |
| 2025                        | (423,327)             |
| Total                       | <u>\$ (1,964,938)</u> |

**Actuarial Assumptions**

The total pension liability in the December 31, 2021 actuarial valuation was determined using an inflation assumption of 3.25 percent, an investment rate of return (net of investment expenses) of 6.50 percent, and the Pub-2010 mortality tables using the fully generational MP-2020 projection scale from a base year of 2010.

The actuarial assumptions used in the December 31, 2021 actuarial valuation were based on the results of an actuarial experience study for the period from January 1, 2016 through December 31, 2020.

**Discount Rate**

The discount rate used to measure the total pension liability was 6.5 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that authority contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee rate.

Based on those assumptions, the pension plan’s fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

**Investment Rate of Return**

Best estimates of arithmetic real rates of return as of the December 31, 2021 measurement date for each major asset class included in the pension plan’s target asset allocation, as disclosed in the investment footnote, are summarized in the following tables:

| Asset Class                      | Target Allocation | Long-term<br>Expected Real<br>Rate of Return |
|----------------------------------|-------------------|--|
| S&P 500 Index                    | 20.00 %           | 3.90 %                                       |
| U.S. small-/mid-cap equity index | 6.00              | 3.90   |
| World equity ex-U.S.             | 21.00             | 5.22   |
| Emerging markets equity          | 3.00              | 5.57   |
| Core fixed income                | 20.00             | 2.44   |
| Limited-duration bonds           | 6.00              | 1.55   |
| Emerging-markets debt            | 3.00              | 4.65   |
| Dynamic asset allocation         | 5.00              | 6.22   |
| Multi-Asset                      | 3.00              | 2.36   |
| Structured credit                | 3.00              | 6.42   |
| Private equity                   | 5.00              | 8.51   |
| Private real estate              | 5.00              | 3.20   |

December 31, 2021

**Note 10 - Pension Plan (Continued)**

***Sensitivity of the Net Pension Liability to Changes in the Discount Rate***

The following presents the net pension liability of the Authority, calculated using the discount rate of 6.5 percent, as well as what the Authority's net pension liability would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

|                                   | 1 Percentage<br>Point Decrease<br>(5.50%) | Current<br>Discount Rate<br>(6.50%) | 1 Percentage<br>Point Increase<br>(7.50%) |
|-----------------------------------|---|-------------------------------------|---|
| Net pension liability of the plan | \$ 24,029,948                             | \$ 14,098,986                       | \$ 5,654,311                              |

***Pension Plan Fiduciary Net Position***

Detailed information about the plan's fiduciary net position is available in these financial statements. For the purpose of measuring the net pension liability, deferred outflows of resources and deferred inflows of resources related to pension, and pension expense, information about the plan's fiduciary net position and additions to/deductions from fiduciary net position have been determined on the same basis as they are reported by the plan. The plan uses the economic resources measurement focus and the full accrual basis of accounting. Investments are stated at fair value. Contribution revenue is recorded as contributions are due, pursuant to legal requirements. Benefit payments and refunds of employee contributions are recognized as expense when due and payable in accordance with the benefit terms.

***Rate of Return***

For the year ended December 31, 2021, the annual money-weighted rate of return on plan investments, net of investment expense, was 9.61 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

**Note 11 - Other Postemployment Benefit Plan**

***Plan Description***

The Authority provides OPEB for all employees who meet eligibility requirements. The benefits are provided through the Retiree Health Care Plan and Trust, a single-employer plan administered by the Retiree Health Care Plan and Trust committee. This plan does not issue a stand-alone financial report.

The financial statements of the OPEB plan are included in these financial statements as a pension and other employee benefit trust fund (a fiduciary fund).

Management of the plan is vested in the pension board, which consists of seven members - two commissioners at large, the chairman of the Board of Commissioners, the director of the Authority, the president of the Huron-Clinton Metropolitan Authority Employees' Association, the president of the Huron-Clinton Metropolitan Authority Rangers Union of the Police Officers Association of Michigan, and one member who is a retiree of the Authority who shall be appointed.

***Benefits Provided***

The Retiree Health Care Plan and Trust provides health care, dental, and vision benefits for retirees and their dependents. Benefits are provided through a third-party insurer, and the full cost of the benefits is covered by the plan. Effective January 1, 2009, the Retiree Health Care Plan and Trust was closed to new entrants; therefore, the annual required contribution is no longer allowed to be calculated assuming an increasing active payroll.

December 31, 2021

**Note 11 - Other Postemployment Benefit Plan (Continued)**

**Employees Covered by Benefit Terms**

The following members were covered by the benefit terms:

|   | <u>Retiree Health Care<br/>Plan and Trust</u> |
|---|---|
| Date of member count  | December 31, 2020                             |
| Inactive plan members or beneficiaries currently receiving benefits | 165   |
| Active plan members   | <u>118</u>                                    |
| Total plan members  | <u><u>283</u></u>                             |

**Contributions**

The Authority reserves the right to fund benefits on a pay-as-you-go basis. The board establishes contribution rates based on an actuarially determined rate per a funding valuation. For the year ended December 31, 2021, the Authority contributed \$249,261. Employees are not required to contribute to the plan.

**Net OPEB Liability (Asset)**

The Authority has chosen to use the December 31 measurement date as its measurement date for the net OPEB liability. The December 31, 2021 fiscal year end reported net OPEB asset was determined using a measure of the total OPEB liability and the OPEB net position as of the December 31, 2021 measurement date. The December 31, 2021 measurement date total OPEB liability was determined by an actuarial valuation performed as of December 31, 2020, which used update procedures to roll forward the estimated liability to December 31, 2021.

Changes in the net OPEB liability (asset) during the measurement year were as follows:

| <u>Changes in Net OPEB Liability (Asset)</u>       | <u>Increase (Decrease)</u>      |                              |                                       |
|--|---------------------------------|------------------------------|---------------------------------------|
|  | <u>Total OPEB<br/>Liability</u> | <u>Plan Net<br/>Position</u> | <u>Net OPEB<br/>Liability (Asset)</u> |
| <b>Balance at January 1, 2020</b>                  | \$ 38,123,938                   | \$ 35,013,169                | \$ 3,110,769                          |
| Changes for the year:                              |                                 |                              |                                       |
| Service cost                                       | 352,270                         | -                            | 352,270                               |
| Interest   | 2,443,565                       | -                            | 2,443,565                             |
| Differences between expected and actual experience | (8,134,105)                     | -                            | (8,134,105)                           |
| Changes in assumptions                             | 1,197,161                       | -                            | 1,197,161                             |
| Contributions - Employer                           | -                               | 356,508                      | (356,508)                             |
| Net investment income                              | -                               | 2,970,811                    | (2,970,811)                           |
| Benefit payments, including refunds                | <u>(1,413,519)</u>              | <u>(1,413,519)</u>           | <u>-</u>                              |
| Net changes  | <u>(5,554,628)</u>              | <u>1,913,800</u>             | <u>(7,468,428)</u>                    |
| <b>Balance at December 31, 2021</b>                | <u><u>\$ 32,569,310</u></u>     | <u><u>\$ 36,926,969</u></u>  | <u><u>\$ (4,357,659)</u></u>          |

The plan's fiduciary net position represents 113.4 percent of the total OPEB liability.

**OPEB Expense and Deferred Outflows of Resources and Deferred Inflows of Resources Related to OPEB**

For the year ended December 31, 2021, the Authority recognized OPEB expense of \$(3,322,573).

December 31, 2021

**Note 11 - Other Postemployment Benefit Plan (Continued)**

At December 31, 2021, the Authority reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

|   | Deferred<br>Outflows of<br>Resources | Deferred<br>Inflows of<br>Resources |
|---|--------------------------------------|-------------------------------------|
| Difference between expected and actual experience                             | \$ -                                 | \$ (6,641,304)                      |
| Changes in assumptions  | 1,170,403                            | (290,136)                           |
| Net difference between projected and actual earnings on OPEB plan investments | -                                    | (1,981,598)                         |
| Total   | <u>\$ 1,170,403</u>                  | <u>\$ (8,913,038)</u>               |

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEB will be recognized in OPEB expense as follows:

| Years Ending<br>December 31 | Amount                |
|-----------------------------|-----------------------|
| 2022                        | \$ (3,395,118)        |
| 2023                        | (3,376,267)           |
| 2024                        | (825,389)             |
| 2025                        | (145,861)             |
| Total                       | <u>\$ (7,742,635)</u> |

**Actuarial Assumptions**

The total OPEB liability in the December 31, 2021 actuarial valuation was determined using an inflation assumption of 3.25 percent; an investment rate of return (net of investment expenses) of 6.50 percent; a health care cost trend rate of 7.5 percent, decreasing to an ultimate rate of 3.5 percent; and the Pub-2010 mortality tables with the MP-2020 projection. These assumptions were applied to all periods included in the measurement.

The actuarial assumptions used in the December 31, 2021 valuation were based on the results of an actuarial experience study dated February 5, 2021.

**Discount Rate**

The discount rate used to measure the total OPEB liability was 6.5 percent. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the current contribution rate and that authority contributions will be made at rates equal to the difference between actuarially determined contribution rates and the employee rate.

Based on those assumptions, the OPEB plan's fiduciary net position was projected to be available to make all projected future benefit payments of current active and inactive employees. Therefore, the long-term expected rate of return on OPEB plan investments was applied to all periods of projected benefit payments to determine the total OPEB liability.

December 31, 2021

**Note 11 - Other Postemployment Benefit Plan (Continued)**

**Investment Rate of Return**

The long-term expected rate of return on OPEB plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of OPEB plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and adding expected inflation. Best estimates of arithmetic real rates of return as of the December 31, 2021 measurement date for each major asset class included in the OPEB plan's target asset allocation, as disclosed in the investment footnote, are summarized in the following table:

| Asset Class                         | Target Allocation | Long-term<br>Expected Real<br>Rate of Return |
|-------------------------------------|-------------------|--|
| S&P 500 Index                       | 18.00 %           | 3.90 %                                       |
| Extended Market Index               | 6.00              | 3.90   |
| World equity ex-U.S.                | 21.00             | 5.22   |
| Emerging markets equity             | 3.00              | 5.57   |
| Core fixed income                   | 22.00             | 2.44   |
| Limited-duration bonds              | 8.00              | 1.55   |
| U.S. high yield                     | 2.00              | 3.72   |
| Emerging markets debt               | 4.00              | 4.65   |
| Diversified short-term fixed income | 4.00              | 1.42   |
| Dynamic asset allocation            | 6.00              | 6.22   |
| Multi-Asset                         | 3.00              | 2.36   |
| Private real estate                 | 3.00              | 3.20   |

**Sensitivity of the Net OPEB Asset to Changes in the Discount Rate**

The following presents the net OPEB asset of the Authority, calculated using the discount rate of 6.5 percent, as well as what the Authority's net OPEB asset would be if it were calculated using a discount rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

|  | 1 Percentage<br>Point Decrease<br>(5.50%) | Current<br>Discount Rate<br>(6.50%) | 1 Percentage<br>Point Increase<br>(7.50%) |
|--|---|-------------------------------------|---|
| Net OPEB asset of the Retiree Health Care Plan and Trust | \$ (283,588)                              | \$ (4,357,659)                      | \$ (7,755,270)                            |

**Sensitivity of the Net OPEB Asset to Changes in the Health Care Cost Trend Rate**

The following presents the net OPEB asset of the Authority, calculated using the health care cost trend rate of 7.5 percent, as well as what the Authority's net OPEB (asset) liability would be if it were calculated using a health care cost trend rate that is 1 percentage point lower or 1 percentage point higher than the current rate:

|  | 1 Percentage<br>Point Decrease<br>(6.50%) | Current<br>Health Care<br>Cost Trend Rate<br>(7.50%) | 1 Percentage<br>Point Increase<br>(8.50%) |
|--|---|--|---|
| Net OPEB (asset) liability of the Retiree Health Care Plan and Trust | \$ (8,133,453)                            | \$ (4,357,659)                                       | 213,041                                   |

December 31, 2021

**Note 11 - Other Postemployment Benefit Plan (Continued)**

***OPEB Plan Fiduciary Net Position***

Detailed information about the plan's fiduciary net position is available in these financial statements. For the purpose of measuring the net OPEB liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expense, information about the plan's fiduciary net position and additions to/deductions from fiduciary net position have been determined on the same basis as they are reported by the plan. The plan uses the economic resources measurement focus and the full accrual basis of accounting. Investments are stated at fair value. Contribution revenue is recorded as contributions are due, pursuant to legal requirements. Benefit payments and refunds of employee contributions are recognized as expense when due and payable in accordance with the benefit terms.

***Assumption Changes***

In the current year, the change in assumption adjustment is the result of the pre-65 and post-65 health care cost trend rate being updated from 8.25 percent, decreasing to an ultimate rate of 3.5 percent, to 7.50 percent, decreasing to an ultimate rate of 3.50 percent, for pre-65 and 6.25 percent, decreasing to 3.50 percent, for post-65.

***Rate of Return***

For the year ended December 31, 2021, the annual money-weighted rate of return on plan investments, net of investment expense, was 8.65 percent. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

**Note 12 - Pension and Other Employee Benefit Trust Funds**

The following are condensed financial statements for the individual pension plans and postemployment health care plans:

|   | Pension Trust<br>Fund | Retiree Health<br>Care Trust Fund | Total                 |
|---|-----------------------|-----------------------------------|-----------------------|
| <b>Statement of Net Position</b>            |                       |                                   |                       |
| Equity mutual funds                         | \$ 43,129,726         | \$ 20,178,173                     | \$ 63,307,899         |
| Fixed-income mutual funds                   | 24,430,641            | 15,465,726                        | 39,896,367            |
| Collective investment trusts                | 7,786,912             | 1,194,120                         | 8,981,032             |
| Other assets                                | 36,775                | 126,523                           | 163,298               |
| Liabilities                                 | (89,388)              | (37,574)                          | (126,962)             |
| Net position                                | <u>\$ 75,294,666</u>  | <u>\$ 36,926,968</u>              | <u>\$ 112,221,634</u> |
| <b>Statement of Changes in Net Position</b> |                       |                                   |                       |
| Interest and dividends                      | \$ 1,707,391          | \$ 901,768                        | \$ 2,609,159          |
| Net increase in fair value of investments   | 5,227,142             | 2,216,205                         | 7,443,347             |
| Investment-related expenses                 | (342,874)             | (147,163)                         | (490,037)             |
| Employer contributions                      | 4,701,826             | 249,261                           | 4,951,087             |
| Employee contributions                      | 79,877                | -                                 | 79,877                |
| Benefit payments                            | (5,068,609)           | (1,306,272)                       | (6,374,881)           |
| Net change in net position                  | <u>\$ 6,304,753</u>   | <u>\$ 1,913,799</u>               | <u>\$ 8,218,552</u>   |

December 31, 2021

### Note 13 - Retirement Health Savings Plan

On August 1, 2005, the Huron-Clinton Metropolitan Authority Board of Commissioners established the Huron-Clinton Retirement Health Savings Plan (the "Savings Plan") by resolution. Employees hired after January 1, 2009, who are covered under a collective bargaining agreement with the Authority, must contribute 1.0 percent of their base wage. The Authority contributes a 1.0 percent match on behalf of these employees. Employees who are not covered under a collective bargaining agreement with the Authority must contribute 1.5 percent of their base wage. There is no matching contribution provided on behalf of these employees. Total contributions for 2021 by participants and the Authority amounted to \$62,487 and \$61,889, respectively.

The Savings Plan is a defined contribution plan administered by the International City/County Management Association - Retirement Corporation (ICMA-RC). The legal basis for the Savings Plan comes from several private letter rulings obtained by ICMA-RC from the Internal Revenue Service and Treasury regulation 301.7701-1[a][3]. Employees must be over the age of 21 to participate in the Savings Plan.

### Note 14 - Retirement Plans

The Huron-Clinton Metropolitan Authority Board of Commissioners has established the Huron-Clinton 401 Governmental Money Purchase Plan & Trust (the "401 Plan") for full-time employees hired after December 31, 2012. Eligible employees must contribute 1.0 percent of their base wage, and the Authority contributes a 6.0 percent match. Total contributions for 2021 by participants and the Authority amounted to \$59,456 and \$356,751, respectively.

On December 5, 2013, the Huron-Clinton Metropolitan Authority Board of Commissioners established the Huron-Clinton Alternative Pension Program (the "Alternative Plan") by resolution, which became effective January 1, 2014 for part-time and seasonal employees working 600 hours or less per year. These seasonal employees must contribute 6.0 percent of their base wage. The Authority contributes a 1.5 percent match on behalf of these employees. Total contributions for 2021 by participants and the Authority amounted to \$87,373 and \$21,843, respectively.

The 401 Plan and Alternative Plan are defined contribution plans administered by the International City/County Management Association - Retirement Corporation. The legal basis for the Alternative Plan comes from several private letter rulings obtained by ICMA-RC from the Internal Revenue Service and Treasury regulation 301.7701-1[a][3].

December 31, 2021

**Note 15 - Fund Balance Constraints**

The detail of the various components of fund balance is as follows:

|                            | General Fund         | Supplemental<br>Major<br>Maintenance<br>Fund | Capital Projects<br>Fund | Foundation       | Total                |
|----------------------------|----------------------|--|--------------------------|------------------|----------------------|
| <b>Nonspendable:</b>       |                      |  |                          |                  |                      |
| Inventory                  | \$ 290,204           | \$ -   | \$ -                     | \$ -             | \$ 290,204           |
| Prepays and other assets   | 863,442              | -  | -                        | -                | 863,442              |
| <b>Total nonspendable</b>  | <b>1,153,646</b>     | <b>-</b>                                     | <b>-</b>                 | <b>-</b>         | <b>1,153,646</b>     |
| <b>Restricted:</b>         |                      |  |                          |                  |                      |
| Lake St. Clair Marina      | 468,668              | -  | -                        | -                | 468,668              |
| Hudson Mills Canoe Livery  | 34,458               | -  | -                        | -                | 34,458               |
| Foundation - Grants        | -                    | -  | -                        | 92,555           | 92,555               |
| <b>Total restricted</b>    | <b>503,126</b>       | <b>-</b>                                     | <b>-</b>                 | <b>92,555</b>    | <b>595,681</b>       |
| <b>Committed:</b>          |                      |  |                          |                  |                      |
| Capital projects           | -                    | 5,103,381                                    | 7,688,863                | -                | 12,792,244           |
| Land                       | 4,686,129            | -  | -                        | -                | 4,686,129            |
| Rate stabilization fund    | 735,396              | -  | -                        | -                | 735,396              |
| <b>Total committed</b>     | <b>5,421,525</b>     | <b>5,103,381</b>                             | <b>7,688,863</b>         | <b>-</b>         | <b>18,213,769</b>    |
| <b>Assigned:</b>           |                      |  |                          |                  |                      |
| Subsequent year's budget   | 5,228,000            | -  | -                        | -                | 5,228,000            |
| Encumbrances               | 1,189,865            | -  | -                        | -                | 1,189,865            |
| Compensated absences       | 3,603,139            | -  | -                        | -                | 3,603,139            |
| River front conservative   | 5,400,000            | -  | -                        | -                | 5,400,000            |
| <b>Total assigned</b>      | <b>15,421,004</b>    | <b>-</b>                                     | <b>-</b>                 | <b>-</b>         | <b>15,421,004</b>    |
| <b>Unassigned</b>          | <b>26,159,373</b>    | <b>-</b>                                     | <b>-</b>                 | <b>-</b>         | <b>26,159,373</b>    |
| <b>Total fund balances</b> | <b>\$ 48,658,674</b> | <b>\$ 5,103,381</b>                          | <b>\$ 7,688,863</b>      | <b>\$ 92,555</b> | <b>\$ 61,543,473</b> |

**Note 16 - Tax Abatements**

The Authority receives reduced property tax revenue as a result of industrial facilities tax exemptions (PA 198 of 1974) and brownfield redevelopment agreements granted by cities, villages, and townships within the boundaries of the Authority. Industrial facility exemptions are intended to promote construction of new industrial facilities or to rehabilitate historical facilities; brownfield redevelopment agreements are intended to reimburse taxpayers that remediate environmental contamination on their properties; PA 328 (Personal Property Tax Relief in Distressed Communities) allows eligible distressed communities to abate taxes on new investments made by eligible commercial businesses that reduce unemployment, promote economic growth, and increase capital investment.

For the fiscal year ended December 31, 2021, the Authority's property tax revenue was reduced by \$920,489 under these programs.



**December 31, 2021**

### **Note 17 - Commitments**

During 2020, the Authority entered into a partnership agreement with the Detroit Riverfront Conservancy (the "Conservancy"), a Michigan nonprofit corporation. The intent of the agreement is to develop and operate property along the Detroit River, which will be known as the Ralph C. Wilson Centennial Park and the Water Feature. As part of the agreement, the Authority has agreed to contribute funding to the Conservancy in the total amount of \$6,000,000 upon completion of certain milestones, as defined by the agreement, which will be paid in annual installments of \$1,200,000. As of December 31, 2021, \$300,000 had been paid by the Authority with the remaining \$5,700,000 to be paid in future years. The Conservancy is required to construct, maintain, repair and replace the improvements of Ralph C. Wilson Centennial Park and the Water Feature, and, therefore, the improvements are not considered assets of the Authority.

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## Required Supplemental Information

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# Huron-Clinton Metropolitan Authority

## Required Supplemental Information Budgetary Comparison Schedule General Fund

**Year Ended December 31, 2021**

|  | Original<br>Budget          | Amended<br>Budget           | Actual                      | Variance with<br>Amended<br>Budget |
|--|-----------------------------|-----------------------------|-----------------------------|------------------------------------|
| <b>Revenue</b>                             |                             |                             |                             |                                    |
| Taxes                                      | \$ 34,189,544               | \$ 33,693,345               | \$ 33,693,345               | \$ -                               |
| Intergovernmental                          | 598,816                     | 635,151                     | 724,159                     | 89,008                             |
| Charges for services                       | 20,360,307                  | 20,360,307                  | 24,293,462                  | 3,933,155                          |
| Other revenue                              | 179,500                     | 179,500                     | 640,659                     | 461,159                            |
| Interest income                            | 100,000                     | 116,690                     | 118,192                     | 1,502                              |
| Donations                                  | 36,370                      | 105,797                     | 110,501                     | 4,704                              |
| Total revenue                              | <u>55,464,537</u>           | <u>55,090,790</u>           | <u>59,580,318</u>           | <u>4,489,528</u>                   |
| <b>Expenditures</b>                        |                             |                             |                             |                                    |
| Current services -                         |                             |                             |                             |                                    |
| Operating:                                 |                             |                             |                             |                                    |
| Park operations                            | 36,619,003                  | 36,764,906                  | 36,204,330                  | 560,576                            |
| Major maintenance                          | 3,335,214                   | 3,595,330                   | 2,387,449                   | 1,207,881                          |
| Administrative offices                     | 11,075,239                  | 10,899,146                  | 10,096,918                  | 802,228                            |
| Capital outlay                             | 2,134,614                   | 2,929,996                   | 2,559,083                   | 370,913                            |
| Total expenditures                         | <u>53,164,070</u>           | <u>54,189,378</u>           | <u>51,247,780</u>           | <u>2,941,598</u>                   |
| <b>Excess of Revenue Over Expenditures</b> | 2,300,467                   | 901,412                     | 8,332,538                   | 7,431,126                          |
| <b>Other Financing (Uses) Sources</b>      |                             |                             |                             |                                    |
| Transfers out                              | (4,892,594)                 | (5,098,357)                 | (5,098,357)                 | -                                  |
| Proceeds from sale of capital assets       | 100,000                     | 100,000                     | 149,650                     | 49,650                             |
| Total other financing uses                 | <u>(4,792,594)</u>          | <u>(4,998,357)</u>          | <u>(4,948,707)</u>          | <u>49,650</u>                      |
| <b>Net Change in Fund Balance</b>          | (2,492,127)                 | (4,096,945)                 | 3,383,831                   | 7,480,776                          |
| <b>Fund Balance - Beginning of year</b>    | 45,274,843                  | 45,274,843                  | 45,274,843                  | -                                  |
| <b>Fund Balance - End of year</b>          | <u><u>\$ 42,782,716</u></u> | <u><u>\$ 41,177,898</u></u> | <u><u>\$ 48,658,674</u></u> | <u><u>\$ 7,480,776</u></u>         |

# Huron-Clinton Metropolitan Authority

## Required Supplemental Information Schedule of Changes in the Net Pension Liability and Related Ratios

**Last Eight Fiscal Years**

|   | 2021                 | 2020                 | 2019                 | 2018                 | 2017                 | 2016                 | 2015                 | 2014                 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Total Pension Liability</b>  |                      |                      |                      |                      |                      |                      |                      |                      |
| Service cost  | \$ 957,060           | \$ 927,311           | \$ 943,320           | \$ 966,866           | \$ 966,866           | \$ 1,030,377         | \$ 962,488           | \$ 1,004,715         |
| Interest  | 5,520,621            | 5,439,048            | 5,345,489            | 5,205,391            | 5,089,192            | 4,899,597            | 4,862,474            | 4,726,571            |
| Differences between expected and actual experience                            | 996,173              | (662,407)            | (395,673)            | 367,984              | (6,338)              | (6,336)              | (1,445,906)          | 109,029              |
| Changes in assumptions  | -                    | 3,426,470            | -                    | -                    | -                    | 6,025,667            | -                    | -                    |
| Benefit payments, including refunds   | (5,068,609)          | (4,513,700)          | (4,484,449)          | (4,421,433)          | (4,235,075)          | (3,970,452)          | (3,831,448)          | (4,057,900)          |
| <b>Net Change in Total Pension Liability</b>                                  | <b>2,405,245</b>     | <b>4,616,722</b>     | <b>1,408,687</b>     | <b>2,118,808</b>     | <b>1,814,645</b>     | <b>7,978,853</b>     | <b>547,608</b>       | <b>1,782,415</b>     |
| <b>Total Pension Liability - Beginning of year</b>                            | <b>86,988,407</b>    | <b>82,371,685</b>    | <b>80,962,998</b>    | <b>78,844,190</b>    | <b>77,029,545</b>    | <b>69,050,692</b>    | <b>68,503,084</b>    | <b>66,720,669</b>    |
| <b>Total Pension Liability - End of year</b>                                  | <b>\$ 89,393,652</b> | <b>\$ 86,988,407</b> | <b>\$ 82,371,685</b> | <b>\$ 80,962,998</b> | <b>\$ 78,844,190</b> | <b>\$ 77,029,545</b> | <b>\$ 69,050,692</b> | <b>\$ 68,503,084</b> |
| <b>Plan Fiduciary Net Position</b>  |                      |                      |                      |                      |                      |                      |                      |                      |
| Contributions - Employer  | \$ 4,701,826         | \$ 3,639,226         | \$ 3,400,000         | \$ 3,000,000         | \$ 2,996,209         | \$ 2,700,000         | \$ 4,500,000         | \$ 3,100,000         |
| Contributions - Member  | 79,877               | 100,833              | 91,165               | 91,814               | 88,475               | 111,649              | 101,817              | 107,492              |
| Net investment income (loss)  | 6,591,659            | 6,303,328            | 8,656,601            | (2,503,594)          | 7,487,987            | 4,008,761            | (667,117)            | 2,225,505            |
| Administrative expenses   | -                    | -                    | -                    | (267,216)            | (256,479)            | (275,660)            | (201,301)            | (73,710)             |
| Benefit payments, including refunds   | (5,068,609)          | (4,513,700)          | (4,484,449)          | (4,421,433)          | (4,235,075)          | (3,970,452)          | (3,831,448)          | (4,057,900)          |
| <b>Net Change in Plan Fiduciary Net Position</b>                              | <b>6,304,753</b>     | <b>5,529,687</b>     | <b>7,663,317</b>     | <b>(4,100,429)</b>   | <b>6,081,117</b>     | <b>2,574,298</b>     | <b>(98,049)</b>      | <b>1,301,387</b>     |
| <b>Plan Fiduciary Net Position - Beginning of year</b>                        | <b>68,989,913</b>    | <b>63,460,226</b>    | <b>55,796,909</b>    | <b>59,897,338</b>    | <b>53,816,221</b>    | <b>51,241,923</b>    | <b>51,339,972</b>    | <b>50,038,585</b>    |
| <b>Plan Fiduciary Net Position - End of year</b>                              | <b>\$ 75,294,666</b> | <b>\$ 68,989,913</b> | <b>\$ 63,460,226</b> | <b>\$ 55,796,909</b> | <b>\$ 59,897,338</b> | <b>\$ 53,816,221</b> | <b>\$ 51,241,923</b> | <b>\$ 51,339,972</b> |
| <b>Authority's Net Pension Liability - Ending</b>                             | <b>\$ 14,098,986</b> | <b>\$ 17,998,494</b> | <b>\$ 18,911,459</b> | <b>\$ 25,166,089</b> | <b>\$ 18,946,852</b> | <b>\$ 23,213,324</b> | <b>\$ 17,808,769</b> | <b>\$ 17,163,112</b> |
| <b>Plan Fiduciary Net Position as a Percentage of Total Pension Liability</b> | <b>84.23 %</b>       | <b>79.31 %</b>       | <b>77.04 %</b>       | <b>68.92 %</b>       | <b>75.97 %</b>       | <b>69.86 %</b>       | <b>74.21 %</b>       | <b>74.95 %</b>       |
| <b>Covered Payroll</b>  | <b>\$ 8,050,343</b>  | <b>\$ 8,842,626</b>  | <b>\$ 8,981,404</b>  | <b>\$ 9,013,973</b>  | <b>\$ 9,259,465</b>  | <b>\$ 9,706,228</b>  | <b>\$ 10,067,888</b> | <b>\$ 10,418,891</b> |
| <b>Authority's Net Pension Liability as a Percentage of Covered Payroll</b>   | <b>175.14 %</b>      | <b>203.54 %</b>      | <b>210.56 %</b>      | <b>279.19 %</b>      | <b>204.62 %</b>      | <b>239.16 %</b>      | <b>176.89 %</b>      | <b>164.73 %</b>      |

Note: Data will be added as information is available until 10 years of such data is available.

Required Supplemental Information  
Schedule of Pension Contributions

Last Eight Fiscal Years  
Years Ended December 31

|  | 2021                | 2020                | 2019                | 2018                | 2017                | 2016                | 2015                 | 2014                 |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|----------------------|
| Actuarially determined contribution                                  | \$ 2,725,948        | \$ 2,645,500        | \$ 2,707,763        | \$ 2,655,734        | \$ 2,996,208        | \$ 2,449,953        | \$ 3,474,587         | \$ 3,029,289         |
| Contributions in relation to the actuarially determined contribution | 4,701,826           | 3,639,226           | 3,400,000           | 3,000,000           | 2,996,209           | 2,700,000           | 4,500,000            | 3,100,000            |
| <b>Contribution Excess</b>   | <b>\$ 1,975,878</b> | <b>\$ 993,726</b>   | <b>\$ 692,237</b>   | <b>\$ 344,266</b>   | <b>\$ 1</b>         | <b>\$ 250,047</b>   | <b>\$ 1,025,413</b>  | <b>\$ 70,711</b>     |
| <b>Covered Payroll</b>   | <b>\$ 8,050,343</b> | <b>\$ 8,842,626</b> | <b>\$ 8,981,404</b> | <b>\$ 9,013,973</b> | <b>\$ 9,259,465</b> | <b>\$ 9,706,228</b> | <b>\$ 10,067,888</b> | <b>\$ 10,418,891</b> |
| <b>Contributions as a Percentage of Covered Payroll</b>              | <b>58.41 %</b>      | <b>41.16 %</b>      | <b>37.86 %</b>      | <b>33.28 %</b>      | <b>32.36 %</b>      | <b>27.82 %</b>      | <b>44.70 %</b>       | <b>29.75 %</b>       |

Note: Data will be added as more information is available until 10 years of such data is available.

Notes to Schedule of Pension Contributions

Actuarial valuation information relative to the determination of contributions:

Valuation date Actuarially determined contribution amounts for fiscal year 2021 are calculated based upon the results of the December 31, 2020 actuarial valuation

Methods and assumptions used to determine contribution rates:

Actuarial cost method Entry age normal  
 Amortization method Level dollar  
 Remaining amortization period 20.75 years  
 Asset valuation method 5-year smoothed market  
 Inflation 3.25 percent  
 Salary increase 3.44 to 7.00 percent, including inflation  
 Investment rate of return 6.50 percent (net of administrative expense)  
 Retirement age Experience-based table of rates that are specific to the type of eligibility condition  
 Mortality Healthy Preretirement: Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010  
 Healthy Postretirement: Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010  
 Disability Retirement: Pub-2010 General Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010

Other information None

## Huron-Clinton Metropolitan Authority

### Required Supplemental Information Schedule of Pension Investment Returns

|  | Last Eight Fiscal Years<br>Years Ended December 31 |         |         |         |         |        |         |        |
|--|--|---------|---------|---------|---------|--------|---------|--------|
|  | 2021   | 2020    | 2019    | 2018    | 2017    | 2016   | 2015    | 2014   |
| Annual money-weighted rate of return - Net of investment expense | 9.61 %   | 11.67 % | 15.53 % | (4.64)% | 13.40 % | 7.33 % | (1.68)% | 4.43 % |

Note: Data will be added as information is available until 10 years of such data is available.

## Huron-Clinton Metropolitan Authority

### Required Supplemental Information Schedule of Changes in the Net OPEB (Asset) Liability and Related Ratios

|   | Last Four Fiscal Years       |                             |                             |                             |
|---|------------------------------|-----------------------------|-----------------------------|-----------------------------|
|   | 2021                         | 2020                        | 2019                        | 2018                        |
| <b>Total OPEB Liability</b>   |                              |                             |                             |                             |
| Service cost  | \$ 352,270                   | \$ 420,296                  | \$ 411,122                  | \$ 479,878                  |
| Interest  | 2,443,565                    | 2,514,887                   | 2,643,627                   | 2,564,158                   |
| Differences between expected and actual experience                            | (8,134,105)                  | (456,892)                   | (5,767,513)                 | (174,627)                   |
| Changes in assumptions  | 1,197,161                    | (667,375)                   | 2,318,794                   | -                           |
| Benefit payments, including refunds   | <u>(1,413,519)</u>           | <u>(1,468,823)</u>          | <u>(1,566,933)</u>          | <u>(1,748,487)</u>          |
| <b>Net Change in Total OPEB Liability</b>                                     | (5,554,628)                  | 342,093                     | (1,960,903)                 | 1,120,922                   |
| <b>Total OPEB Liability - Beginning of year</b>                               | 38,123,938                   | 37,781,845                  | 39,742,748                  | 38,621,826                  |
| <b>Total OPEB Liability - End of year</b>                                     | <b><u>\$ 32,569,310</u></b>  | <b><u>\$ 38,123,938</u></b> | <b><u>\$ 37,781,845</u></b> | <b><u>\$ 39,742,748</u></b> |
| <b>Plan Fiduciary Net Position</b>  |                              |                             |                             |                             |
| Contributions - Employer  | \$ 356,508                   | \$ 1,171,120                | \$ 1,254,016                | \$ 1,692,133                |
| Net investment income (loss)  | 2,970,811                    | 3,811,860                   | 4,443,754                   | (1,364,828)                 |
| Administrative expenses   | -                            | -                           | -                           | (122,450)                   |
| Benefit payments, including refunds   | <u>(1,413,519)</u>           | <u>(1,468,823)</u>          | <u>(1,566,933)</u>          | <u>(1,748,487)</u>          |
| <b>Net Change in Plan Fiduciary Net Position</b>                              | 1,913,800                    | 3,514,157                   | 4,130,837                   | (1,543,632)                 |
| <b>Plan Fiduciary Net Position - Beginning of year</b>                        | 35,013,169                   | 31,499,012                  | 27,368,175                  | 28,911,807                  |
| <b>Plan Fiduciary Net Position - End of year</b>                              | <b><u>\$ 36,926,969</u></b>  | <b><u>\$ 35,013,169</u></b> | <b><u>\$ 31,499,012</u></b> | <b><u>\$ 27,368,175</u></b> |
| <b>Net OPEB (Asset) Liability - Ending</b>                                    | <b><u>\$ (4,357,659)</u></b> | <b><u>\$ 3,110,769</u></b>  | <b><u>\$ 6,282,833</u></b>  | <b><u>\$ 12,374,573</u></b> |
| <b>Plan Fiduciary Net Position as a Percentage of Total OPEB Liability</b>    | 113.38 %                     | 91.84 %                     | 83.37 %                     | 68.86 %                     |
| <b>Covered-employee Payroll</b>   | \$ 8,606,040                 | \$ 8,914,232                | \$ 8,981,404                | \$ 9,013,973                |
| <b>Net OPEB (Asset) Liability as a Percentage of Covered-employee Payroll</b> | (50.63)%                     | 34.90 %                     | 69.95 %                     | 137.28 %                    |

Note: Data will be added as information is available until 10 years of such data is available.

# Huron-Clinton Metropolitan Authority

## Required Supplemental Information Schedule of OPEB Contributions

**Last Five Fiscal Years  
Years Ended December 31**

|  | 2021              | 2020              | 2019              | 2018              | 2017              |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| Actuarially determined contribution                                  | \$ 248,174        | \$ 1,060,774      | \$ 1,086,078      | \$ 1,395,565      | \$ 1,415,660      |
| Contributions in relation to the actuarially determined contribution | 356,508           | 1,171,120         | 1,254,016         | 1,692,133         | 2,149,330         |
| <b>Contribution Excess</b>   | <b>\$ 108,334</b> | <b>\$ 110,346</b> | <b>\$ 167,938</b> | <b>\$ 296,568</b> | <b>\$ 733,670</b> |
| <b>Covered-employee Payroll*</b>                                     | \$ 8,606,040      | \$ 8,914,232      | \$ 8,981,404      | \$ 9,013,973      | \$ 8,866,219      |
| <b>Contributions as a Percentage of Covered-employee Payroll</b>     | 4.14 %            | 13.14 %           | 13.96 %           | 18.77 %           | 24.24 %           |

Note: Data will be added as information is available until 10 years of such data is available.

\*The payroll of employees who are provided benefits through the OPEB plan

### Notes to Schedule of Contributions

Actuarial valuation information relative to the determination of contributions:

Valuation date                      Actuarially determined contribution rates are calculated as of December 31, 2020, one year prior to the end of the fiscal year in which the contributions are reported

Methods and assumptions used to determine contribution rates:

|                               |  |
|-------------------------------|--|
| Actuarial cost method         | Entry age normal   |
| Amortization method           | Level dollar   |
| Remaining amortization period | 21.75 years, closed  |
| Asset valuation method        | 5-year smoothed market   |
| Inflation                     | 3.25 percent   |
| Health care cost trend rates  | Pre-65: 7.50 percent trend for the first year, gradually decreasing to 3.50 percent in year 12<br>Post-65: 6.25 percent trend for the first year, gradually decreasing to 3.50 percent in year 12  |
| Salary increase               | 3.69 percent to 7.25 percent, including wage inflation   |
| Investment rate of return     | 6.50 percent, net of OPEB plan expenses  |
| Retirement age                | Experience-based table of rates that are specific to the type of eligibility condition   |
| Mortality                     | Healthy Preretirement: Pub-2010 General Employee Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010<br>Healthy Postretirement: Pub-2010 General Healthy Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010<br>Disability Retirement: Pub-2010 General Disabled Retiree Mortality Tables, amount-weighted, and projected with mortality improvements using the fully generational MP-2020 projection scale from a base year of 2010 |
| Aging factors                 | Based on the 2013 SOA Study "Health Care Costs - From Birth to Death"  |



**Huron-Clinton Metropolitan Authority**

**Required Supplemental Information  
Schedule of OPEB Investment Returns**

**Last Five Fiscal Years  
Years Ended December 31**

|   | <u>2021</u> | <u>2020</u> | <u>2019</u> | <u>2018</u> | <u>2017</u> |
|---|-------------|-------------|-------------|-------------|-------------|
| Annual money-weighted rate of return -<br>Net of investment expense | 8.65 %      | 12.28 %     | 16.85 %     | (5.16)%     | 13.31 %     |

Note: Data will be added as information is available until 10 years of such data is available.

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## Other Supplemental Information

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***Special Revenue Fund***

Special revenue funds account for the proceeds of specific revenue sources that are restricted to expenditures for specific purposes. A description of the special revenue fund included as a nonmajor governmental fund is as follows:

**Huron-Clinton Metroparks Foundation**

The Huron-Clinton Metroparks Foundation is governed by a three-member board appointed by the Authority's governing body. Although it is legally separate from the Authority, the Foundation is reported as if it were part of the primary government because the Foundation is a not-for-profit corporation in which the Authority is the sole corporate member in addition having financial accountability for the Foundation.

***Capital Project Fund***

This fund is used to account for earmarked revenue set aside for public improvements of a major nature. Revenue sources to date have come primarily solely from oil and gas revenue received.

**Supplemental Major Maintenance Fund**

The Supplemental Major Maintenance Fund is used to record supplemental major maintenance projects of the Authority, which are nonrecurring expenditures to repair or replace existing park facilities. As designated by the Authority, oil and gas revenue received is earmarked to fund these projects.

**Other Supplemental Information  
Combining Balance Sheet  
Nonmajor Governmental Funds**

**December 31, 2021**

|                                     | Special Revenue<br>Fund                   | Capital Project<br>Fund                   |                     |
|-------------------------------------|---|---|---------------------|
|                                     | Huron-Clinton<br>Metroparks<br>Foundation | Supplemental<br>Major<br>Maintenance Fund | Total               |
| <b>Assets</b>                       |   |   |                     |
| Cash and cash equivalents           | \$ 12,888                                 | \$ -                                      | \$ 12,888           |
| Investments                         | -   | 5,103,381                                 | 5,103,381           |
| Other receivables                   | 1,950                                     | -   | 1,950               |
| Restricted cash                     | 2,029,157                                 | -   | 2,029,157           |
| Total assets                        | <b>\$ 2,043,995</b>                       | <b>\$ 5,103,381</b>                       | <b>\$ 7,147,376</b> |
| <b>Liabilities</b>                  |   |   |                     |
| Accounts payable                    | \$ 14,551                                 | \$ -                                      | \$ 14,551           |
| Unearned revenue                    | 1,936,889                                 | -   | 1,936,889           |
| Total liabilities                   | 1,951,440                                 | -   | 1,951,440           |
| <b>Fund Balances</b>                |   |   |                     |
| Restricted                          | 92,555                                    | -   | 92,555              |
| Committed                           | -   | 5,103,381                                 | 5,103,381           |
| Total fund balances                 | 92,555                                    | 5,103,381                                 | 5,195,936           |
| Total liabilities and fund balances | <b>\$ 2,043,995</b>                       | <b>\$ 5,103,381</b>                       | <b>\$ 7,147,376</b> |

## Huron-Clinton Metropolitan Authority

### Other Supplemental Information Combining Statement of Revenue, Expenditures, and Changes in Fund Balances Nonmajor Governmental Funds

Year Ended December 31, 2021

|   | Special<br>Revenue Fund                   | Capital Project<br>Fund                      |                     |
|---|---|--|---------------------|
|   | Huron-Clinton<br>Metroparks<br>Foundation | Supplemental<br>Major<br>Maintenance<br>Fund | Total               |
| <b>Revenue</b>                                |   |  |                     |
| Other revenue                                 | \$ 131,434                                | \$ -   | \$ 131,434          |
| Interest income                               | -   | 659  | 659                 |
| Donations                                     | 71,182                                    | -  | 71,182              |
| Total revenue                                 | 202,616                                   | 659  | 203,275             |
| <b>Expenditures</b> - Foundation expenditures | 186,091                                   | -  | 186,091             |
| <b>Net Change in Fund Balances</b>            | 16,525                                    | 659  | 17,184              |
| <b>Fund Balances</b> - Beginning of year      | 76,030                                    | 5,102,722                                    | 5,178,752           |
| <b>Fund Balances</b> - End of year            | <u>\$ 92,555</u>                          | <u>\$ 5,103,381</u>                          | <u>\$ 5,195,936</u> |

## Huron-Clinton Metropolitan Authority

### Other Supplemental Information Statement of Fiduciary Net Position Fiduciary Funds

December 31, 2021

|                                       | Pension and OPEB Funds |                              |                       |
|---------------------------------------|------------------------|------------------------------|-----------------------|
|                                       | Pension                | Retiree Health<br>Care Trust | Total                 |
| <b>Assets</b>                         |                        |                              |                       |
| Investments:                          |                        |                              |                       |
| Equity mutual funds                   | \$ 43,129,726          | \$ 20,178,173                | \$ 63,307,899         |
| Fixed-income mutual funds             | 24,430,641             | 15,465,726                   | 39,896,367            |
| Collective investment trust           | 7,786,912              | 1,194,120                    | 8,981,032             |
| Receivables                           | 36,775                 | 20,081                       | 56,856                |
| Prepaid expenses and other assets     | -                      | 106,442                      | 106,442               |
| Total assets                          | 75,384,054             | 36,964,542                   | 112,348,596           |
| <b>Liabilities - Vouchers payable</b> | 89,388                 | 37,574                       | 126,962               |
| <b>Net Position</b>                   | <b>\$ 75,294,666</b>   | <b>\$ 36,926,968</b>         | <b>\$ 112,221,634</b> |

## Huron-Clinton Metropolitan Authority

### Other Supplemental Information Statement of Changes in Fiduciary Net Position Fiduciary Funds

Year Ended December 31, 2021

|   | Pension and OPEB Funds |                              |                       |
|---|------------------------|------------------------------|-----------------------|
|   | Pension                | Retiree Health<br>Care Trust | Total                 |
| <b>Additions</b>                              |                        |                              |                       |
| Investment income (loss):                     |                        |                              |                       |
| Interest and dividends                        | \$ 1,707,391           | \$ 901,768                   | \$ 2,609,159          |
| Net increase in fair value of investments     | 5,227,142              | 2,216,205                    | 7,443,347             |
| Investment-related expenses                   | (342,874)              | (147,163)                    | (490,037)             |
| Net investment income                         | 6,591,659              | 2,970,810                    | 9,562,469             |
| Contributions:                                |                        |                              |                       |
| Employer contributions                        | 4,701,826              | 249,261                      | 4,951,087             |
| Employee contributions                        | 79,877                 | -                            | 79,877                |
| Total contributions                           | 4,781,703              | 249,261                      | 5,030,964             |
| Total additions                               | 11,373,362             | 3,220,071                    | 14,593,433            |
| <b>Deductions - Benefit payments</b>          | 5,068,609              | 1,306,272                    | 6,374,881             |
| <b>Net Increase in Fiduciary Net Position</b> | 6,304,753              | 1,913,799                    | 8,218,552             |
| <b>Net Position - Beginning of year</b>       | 68,989,913             | 35,013,169                   | 104,003,082           |
| <b>Net Position - End of year</b>             | <b>\$ 75,294,666</b>   | <b>\$ 36,926,968</b>         | <b>\$ 112,221,634</b> |

## Statistical Section (Unaudited)

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## Statistical Section

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This part of the annual comprehensive financial report presents detailed information as a context for understanding what the information in the financial statements, note disclosures, and required supplementary information says about the Authority's overall financial health

The statistical section is organized into the following main categories:

**Financial trends**

These schedules contain trend information to help the reader understand how the government's financial performance and well-being have changed over time.

**Revenue capacity**

These schedules contain information to help the reader assess the government's most significant local revenue source, the property tax.

**Demographic and economic information**

These schedules help the reader understand the environment within which the government's financial activities take place.

**Operating information**

These schedules contain service and infrastructure data to help the reader understand how the information in the government's financial report relates to the services the government provides and the activities it performs.

Net Position by Component

Last Ten Fiscal Years  
December 31, 2021

|                                  | As of December 31,           |                              |                              |                              |                              |                              |                              |                              |                              |                              |
|----------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|                                  | 2012                         | 2013                         | 2014                         | 2015                         | 2016                         | 2017                         | 2018                         | 2019                         | 2020                         | 2021                         |
| <b>Governmental Activities:</b>  |                              |                              |                              |                              |                              |                              |                              |                              |                              |                              |
| Net investment in capital assets | \$ 194,403,024               | \$ 195,125,395               | \$ 195,936,628               | \$ 193,545,863               | \$ 194,722,125               | \$ 197,243,195               | \$ 194,826,998               | \$ 192,106,043               | \$ 194,192,870               | \$ 196,148,941               |
| Restricted                       | 90,430                       | 138,856                      | 185,995                      | 259,201                      | 311,705                      | 349,962                      | 374,301                      | 396,324                      | 448,200                      | 595,681                      |
| Unrestricted                     | <u>36,140,736</u>            | <u>38,675,137</u>            | <u>41,440,497</u>            | <u>28,935,288</u>            | <u>28,739,061</u>            | <u>26,607,090</u>            | <u>15,550,860</u>            | <u>21,598,437</u>            | <u>28,256,359</u>            | <u>38,050,352</u>            |
| Total net position               | <b><u>\$ 230,634,190</u></b> | <b><u>\$ 233,939,388</u></b> | <b><u>\$ 237,563,120</u></b> | <b><u>\$ 222,740,352</u></b> | <b><u>\$ 223,772,891</u></b> | <b><u>\$ 224,200,247</u></b> | <b><u>\$ 210,752,159</u></b> | <b><u>\$ 214,100,804</u></b> | <b><u>\$ 222,897,429</u></b> | <b><u>\$ 234,794,974</u></b> |

Fiscal year 2015 includes the implementation of GASB Statement 68, which required the recognition of deferred outflows of resources, net pension liabilities, and deferred inflows of resources related to the Authority's pension plan. The net effect of these changes decreased net position by \$17.2 million in fiscal year 2015. Prior years have not been restated to reflect the changes required by GASB Statement 68.

Fiscal year 2018 includes the implementation of GASB Statement 75, which required the recognition of deferred outflows of resources, net OPEB liabilities, and deferred inflows of resources related to the Authority's other post-employment benefit plan. The net effect of these changes decreased net position by \$14.7 million in fiscal year 2018. Prior years have not been restated to reflect the changes required by GASB Statement 75.

Changes in Net Position

Last Ten Fiscal Years  
December 31, 2021

|                                    | As of December 31,  |                     |                     |                     |                     |                   |                     |                     |                     |                      |
|------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|----------------------|
|                                    | 2012                | 2013                | 2014                | 2015                | 2016                | 2017              | 2018                | 2019                | 2020                | 2021                 |
| <b>Expenses:</b>                   |                     |                     |                     |                     |                     |                   |                     |                     |                     |                      |
| Recreation and culture             | \$ 41,656,918       | \$ 41,586,621       | \$ 41,891,795       | \$ 46,117,042       | \$ 49,554,752       | \$ 51,898,640     | \$ 52,932,867       | \$ 52,113,821       | \$ 48,131,206       | \$ 48,535,277        |
| Capital projects                   | 1,930,912           | 292,196             | -                   | -                   | -                   | -                 | -                   | -                   | -                   | -                    |
| Total expenses                     | <u>43,587,830</u>   | <u>41,878,817</u>   | <u>41,891,795</u>   | <u>46,117,042</u>   | <u>49,554,752</u>   | <u>51,898,640</u> | <u>52,932,867</u>   | <u>52,113,821</u>   | <u>48,131,206</u>   | <u>48,535,277</u>    |
| <b>Program revenues:</b>           |                     |                     |                     |                     |                     |                   |                     |                     |                     |                      |
| Charges for services               | 15,027,250          | 14,519,872          | 16,316,176          | 17,893,737          | 20,130,849          | 19,692,340        | 19,802,276          | 19,958,822          | 21,268,785          | 24,424,886           |
| Operating grants and contributions | 234,463             | 19,100              | 61,745              | 453,429             | 162,112             | 1,377,190         | 907,043             | 1,393,263           | 810,236             | 727,821              |
| Capital grants and contributions   | 175,075             | 2,031,530           | 153,869             | -                   | -                   | -                 | 76,311              | 234,114             | 140,619             | 388,885              |
| Total program revenue              | <u>15,436,788</u>   | <u>16,570,502</u>   | <u>16,531,790</u>   | <u>18,347,166</u>   | <u>20,292,961</u>   | <u>21,069,530</u> | <u>20,785,630</u>   | <u>21,586,199</u>   | <u>22,219,640</u>   | <u>25,541,592</u>    |
| <b>General revenues:</b>           |                     |                     |                     |                     |                     |                   |                     |                     |                     |                      |
| Property taxes                     | 28,293,295          | 27,680,762          | 28,167,025          | 28,406,715          | 29,249,583          | 30,645,350        | 31,675,974          | 31,272,479          | 32,481,506          | 33,691,923           |
| Oil and gas royalties              | 595,017             | 297,536             | 239,740             | 57,890              | 111,839             | 93,838            | 95,652              | 60,956              | 9,091               | -                    |
| Donations                          | 127,231             | 167,123             | 87,407              | 101,638             | 44,744              | 32,483            | 19,065              | 82,536              | 229,859             | 276,192              |
| Investment earnings                | 161,587             | 217,455             | 289,002             | 363,548             | 307,934             | 484,795           | 785,931             | 1,298,111           | 705,621             | 145,242              |
| Miscellaneous                      | 513,164             | 27,567              | 97,013              | 987,949             | 339,905             | -                 | 791,122             | 1,001,867           | 1,218,939           | 640,659              |
| Gain on sales of capital asset     | 29,288              | 223,069             | 43,551              | 192,480             | 240,325             | -                 | -                   | 160,318             | 63,175              | 137,214              |
| Total general revenues             | <u>29,719,582</u>   | <u>28,613,512</u>   | <u>28,923,738</u>   | <u>30,110,220</u>   | <u>30,294,330</u>   | <u>31,256,466</u> | <u>33,367,744</u>   | <u>33,876,267</u>   | <u>34,708,191</u>   | <u>34,891,230</u>    |
| Total revenues                     | <u>45,156,370</u>   | <u>45,184,014</u>   | <u>45,455,528</u>   | <u>48,457,386</u>   | <u>50,587,291</u>   | <u>52,325,996</u> | <u>54,153,374</u>   | <u>55,462,466</u>   | <u>56,927,831</u>   | <u>60,432,822</u>    |
| Change in net position             | <u>\$ 1,568,540</u> | <u>\$ 3,305,197</u> | <u>\$ 3,563,733</u> | <u>\$ 2,340,344</u> | <u>\$ 1,032,539</u> | <u>\$ 427,356</u> | <u>\$ 1,220,507</u> | <u>\$ 3,348,645</u> | <u>\$ 8,796,625</u> | <u>\$ 11,897,545</u> |

Fund Balances - Governmental Funds

Last Ten Fiscal Years  
December 31, 2021

|                                | As of December 31,          |                             |                             |                             |                             |                             |                             |                             |                             |                             |
|--------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
|                                | 2012                        | 2013                        | 2014                        | 2015                        | 2016                        | 2017                        | 2018                        | 2019                        | 2020                        | 2021                        |
| General Fund:                  |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Nonspendable                   | 232,363                     | 534,899                     | 498,779                     | 1,018,633                   | 1,069,422                   | 1,055,873                   | 892,577                     | 903,948                     | 1,138,390                   | 1,153,646                   |
| Restricted                     | 90,430                      | 138,856                     | 185,995                     | 259,201                     | 311,705                     | 349,962                     | 374,301                     | 396,324                     | 448,200                     | 503,126                     |
| Committed                      | 13,334,981                  | 12,907,536                  | 9,401,861                   | 9,873,636                   | 10,011,796                  | 6,083,467                   | 6,599,869                   | 6,712,144                   | 6,369,618                   | 5,421,525                   |
| Assigned                       | 15,526,682                  | 11,990,064                  | 11,846,371                  | 10,074,807                  | 15,908,505                  | 12,108,959                  | 7,184,481                   | 6,586,471                   | 12,614,849                  | 15,421,004                  |
| Unassigned                     | <u>5,014,458</u>            | <u>10,323,181</u>           | <u>14,747,179</u>           | <u>18,348,559</u>           | <u>13,630,033</u>           | <u>18,280,129</u>           | <u>21,153,287</u>           | <u>25,023,058</u>           | <u>24,703,786</u>           | <u>26,159,373</u>           |
| Total general fund             | <b><u>\$ 34,198,914</u></b> | <b><u>\$ 35,894,536</u></b> | <b><u>\$ 36,680,185</u></b> | <b><u>\$ 39,574,836</u></b> | <b><u>\$ 40,931,461</u></b> | <b><u>\$ 37,878,390</u></b> | <b><u>\$ 36,204,515</u></b> | <b><u>\$ 39,621,945</u></b> | <b><u>\$ 45,274,843</u></b> | <b><u>\$ 48,658,674</u></b> |
| All other governmental funds   |                             |                             |                             |                             |                             |                             |                             |                             |                             |                             |
| Restricted                     | \$ -                        | \$ -                        | \$ -                        | \$ -                        | \$ -                        | \$ -                        | \$ -                        | \$ -                        | \$ 40,272                   | \$ 92,555                   |
| Unassigned                     | -                           | -                           | -                           | -                           | -                           | -                           | -                           | -                           | 35,758                      | -                           |
| Committed                      | <u>4,780,236</u>            | <u>4,804,776</u>            | <u>4,481,442</u>            | <u>4,463,556</u>            | <u>4,595,401</u>            | <u>4,724,838</u>            | <u>4,899,297</u>            | <u>14,703,167</u>           | <u>13,462,046</u>           | <u>12,792,244</u>           |
| Total other governmental funds | <b><u>\$ 4,780,236</u></b>  | <b><u>\$ 4,804,776</u></b>  | <b><u>\$ 4,481,442</u></b>  | <b><u>\$ 4,463,556</u></b>  | <b><u>\$ 4,595,401</u></b>  | <b><u>\$ 4,724,838</u></b>  | <b><u>\$ 4,899,297</u></b>  | <b><u>\$ 14,703,167</u></b> | <b><u>\$ 13,538,076</u></b> | <b><u>\$ 12,884,799</u></b> |

Note: GASB 54 became effective and was implemented in 2011. Prior period amounts were not restated.

Note: The Huron-Clinton Metroparks Foundation is being reported as a blended component unit for the first time in 2020

Changes in Fund Balances, Governmental Funds

Last Ten Fiscal Years

December 31, 2021

|   | As of December 31,  |                     |                   |                     |                     |                       |                     |                     |                     |                     |
|---|---------------------|---------------------|-------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|
|   | 2012                | 2013                | 2014              | 2015                | 2016                | 2017                  | 2018                | 2019                | 2020                | 2021                |
| <b>Revenue</b>  |                     |                     |                   |                     |                     |                       |                     |                     |                     |                     |
| Property taxes  | \$ 28,384,628       | \$ 27,662,759       | \$ 28,125,677     | \$ 28,503,130       | \$ 29,246,499       | \$ 30,658,374         | \$ 31,675,974       | \$ 31,312,009       | \$ 32,457,957       | \$ 33,693,345       |
| Oil and gas royalties                                   | 595,017             | 297,536             | 239,740           | 57,890              | 111,839             | 93,838                | 95,652              | 60,956              | 9,091               | -                   |
| Charges for services                                    | 15,027,250          | 14,519,872          | 16,316,176        | 17,893,737          | 20,130,849          | 19,340,845            | 19,328,560          | 19,896,506          | 21,272,729          | 24,293,462          |
| Intergovernmental                                       | 234,463             | 19,100              | 61,745            | 217,896             | 76,182              | 284,871               | 1,048,213           | 1,308,968           | 1,562,343           | 968,644             |
| Capital grants  | 175,075             | 2,031,530           | 153,869           | -                   | -                   | -                     | -                   | -                   | -                   | -                   |
| Donations   | 127,231             | 167,123             | 87,407            | 337,171             | 130,674             | 245,687               | 249,106             | 232,673             | 229,859             | 276,192             |
| Interest  | 161,587             | 217,455             | 289,002           | 363,548             | 307,934             | 484,795               | 785,931             | 1,298,111           | 705,621             | 145,242             |
| Miscellaneous   | 513,164             | 27,567              | 97,013            | 987,949             | 339,905             | 351,495               | 791,122             | 1,075,367           | 1,350,851           | 772,093             |
| Proceeds from sale of capital assets                    | 204,213             | 223,069             | 43,551            | 192,480             | 319,165             | 643,421               | 473,716             | 160,318             | 170,085             | 149,650             |
| Total revenue   | <u>45,422,628</u>   | <u>45,166,011</u>   | <u>45,414,180</u> | <u>48,553,801</u>   | <u>50,663,047</u>   | <u>52,103,326</u>     | <u>54,448,274</u>   | <u>55,344,908</u>   | <u>57,758,536</u>   | <u>60,298,628</u>   |
| <b>Expenditures</b>                                     |                     |                     |                   |                     |                     |                       |                     |                     |                     |                     |
| Park operations   | 29,706,692          | 28,829,491          | 29,119,023        | 31,518,622          | 32,622,292          | 33,299,256            | 32,843,656          | 33,958,687          | 33,688,728          | 36,204,330          |
| Major maintenance                                       | 1,553,104           | 921,509             | 1,435,517         | 1,786,274           | 1,926,210           | 2,270,033             | 2,546,141           | 900,470             | 1,587,806           | 2,387,449           |
| Administrative offices                                  | 7,538,185           | 6,990,592           | 7,640,052         | 7,516,737           | 7,371,706           | 9,122,348             | 9,254,259           | 9,641,369           | 9,175,284           | 10,096,918          |
| Capital projects  | 4,422,355           | 5,143,506           | 5,261,964         | 3,307,434           | 4,159,886           | 7,523,357             | 2,130,516           | 4,959,415           | 8,605,645           | 8,693,286           |
| Equipments  | 1,170,104           | 1,531,932           | 1,225,463         | 1,370,378           | 3,089,427           | 2,801,066             | 1,836,785           | -                   | -                   | -                   |
| Land acquisitions                                       | 2,350               | 28,819              | 269,846           | 177,591             | 5,056               | 10,900                | -                   | -                   | -                   | -                   |
| Foundation Expenditures                                 | -                   | -                   | -                 | -                   | -                   | -                     | -                   | -                   | 213,266             | 186,091             |
| Total expenditures                                      | <u>44,392,790</u>   | <u>43,445,849</u>   | <u>44,951,865</u> | <u>45,677,036</u>   | <u>49,174,577</u>   | <u>55,026,960</u>     | <u>48,611,357</u>   | <u>49,459,941</u>   | <u>53,270,729</u>   | <u>57,568,074</u>   |
| Net change in fund balance                              | <u>\$ 1,029,838</u> | <u>\$ 1,720,162</u> | <u>\$ 462,315</u> | <u>\$ 2,876,765</u> | <u>\$ 1,488,470</u> | <u>\$ (2,923,634)</u> | <u>\$ 5,836,917</u> | <u>\$ 5,884,967</u> | <u>\$ 4,487,807</u> | <u>\$ 2,730,554</u> |
| Debt service as a percentage of noncapital expenditures | 0%                  | 0%                  | 0%                | 0%                  | 0%                  | 0%                    | 0%                  | 0%                  | 0%                  | 0%                  |

Governmental Activities Tax Revenue by Source

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Last Ten Fiscal Years  
December 31, 2021

| Year | Property Tax |
|------|--------------|
| 2012 | 28,384,628   |
| 2013 | 27,662,759   |
| 2014 | 28,125,677   |
| 2015 | 28,503,130   |
| 2016 | 29,246,499   |
| 2017 | 30,658,374   |
| 2018 | 31,675,974   |
| 2019 | 31,312,009   |
| 2020 | 32,457,957   |
| 2021 | 33,693,345   |

Taxable and Assessed Values of Property

Last Ten Fiscal Years  
December 31, 2021

| Year | Real Property (a) |                       | Personal Property (a) |                       | Taxable Value   | State Equalized Value | Estimated Market Value (b) | Percent Change in Market Value |
|------|-------------------|-----------------------|-----------------------|-----------------------|-----------------|-----------------------|----------------------------|--------------------------------|
|      | Taxable Value     | State Equalized Value | Taxable Value         | State Equalized Value |                 |                       |                            |                                |
| 2012 | 130,162,996,751   | 136,807,421,204       | 12,360,397,169        | 12,378,691,878        | 142,523,393,920 | 149,186,113,082       | 298,372,226,164            | -8.2%                          |
| 2013 | 123,811,211,186   | 128,820,235,807       | 12,562,799,230        | 12,573,994,972        | 136,374,010,416 | 141,394,230,779       | 282,788,461,558            | -5.2%                          |
| 2014 | 122,943,107,230   | 129,773,753,961       | 13,126,543,590        | 13,159,608,616        | 136,069,650,820 | 142,933,362,577       | 285,866,725,154            | 1.1%                           |
| 2015 | 123,996,465,352   | 135,715,141,261       | 12,839,179,302        | 12,888,111,844        | 136,835,644,654 | 148,603,253,105       | 297,206,506,210            | 4.0%                           |
| 2016 | 127,299,266,119   | 147,549,827,757       | 13,328,310,313        | 13,339,823,672        | 140,627,576,432 | 160,889,651,429       | 321,779,302,858            | 8.3%                           |
| 2017 | 129,731,372,431   | 158,080,403,922       | 10,932,474,841        | 10,951,448,476        | 140,663,847,272 | 169,031,852,398       | 338,063,704,796            | 5.1%                           |
| 2018 | 133,670,573,042   | 167,371,105,480       | 10,782,695,017        | 10,815,394,135        | 144,453,268,059 | 178,186,499,615       | 356,372,999,230            | 10.8%                          |
| 2019 | 139,834,891,386   | 175,204,794,628       | 9,302,873,375         | 10,206,025,637        | 149,137,764,761 | 185,410,820,265       | 370,821,640,530            | 4.1%                           |
| 2020 | 147,672,902,643   | 189,679,467,077       | 11,424,913,549        | 11,370,969,967        | 159,097,816,192 | 201,050,437,044       | 402,100,874,088            | 8.4%                           |
| 2021 | 153,631,343,094   | 202,327,282,992       | 11,654,905,866        | 11,692,974,448        | 165,286,248,960 | 214,020,257,440       | 428,040,514,880            | 5.7%                           |

(a) Property value information represents the combined totals of Livingston, Macomb, Oakland, Washtenaw, and Wayne counties. These counties are the member counties of the Metropark district.

(b) Total estimated market value is based on two times State Equalized Value figures.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Taxable Valuations by County

Last Ten Fiscal Years  
December 31, 2021

| Year | Livingston<br>County | % of<br>Total | Macomb<br>County | % of<br>Total | Oakland<br>County | % of<br>Total | Washtenaw<br>County | % of<br>Total | Wayne<br>County | % of<br>Total | Total<br>Taxable Value | % of<br>Total |
|------|----------------------|---------------|------------------|---------------|-------------------|---------------|---------------------|---------------|-----------------|---------------|------------------------|---------------|
| 2012 | 8,195,851,938        | 5.8%          | 25,840,445,900   | 18.1%         | 50,798,540,257    | 35.6%         | 14,083,128,684      | 9.9%          | 43,605,427,141  | 30.6%         | 142,523,393,920        | 100.0%        |
| 2013 | 7,482,442,287        | 5.5%          | 24,255,702,728   | 17.8%         | 49,235,953,993    | 36.1%         | 13,976,296,665      | 10.2%         | 41,423,614,473  | 30.4%         | 136,374,010,146        | 100.0%        |
| 2014 | 7,571,057,139        | 5.6%          | 24,113,941,897   | 17.7%         | 49,235,110,306    | 36.2%         | 14,210,463,343      | 10.4%         | 40,939,078,135  | 30.1%         | 136,069,650,820        | 100.0%        |
| 2015 | 7,682,984,917        | 5.6%          | 24,563,858,227   | 18.0%         | 50,048,650,087    | 36.6%         | 14,496,462,571      | 10.6%         | 40,043,688,852  | 29.3%         | 136,835,644,654        | 100.0%        |
| 2016 | 8,053,582,840        | 5.7%          | 25,475,376,698   | 18.1%         | 51,895,341,437    | 36.9%         | 14,925,676,802      | 10.6%         | 40,277,598,655  | 28.6%         | 140,627,576,432        | 100.0%        |
| 2017 | 8,193,575,309        | 5.8%          | 25,264,565,701   | 18.0%         | 52,786,202,473    | 37.5%         | 15,257,429,398      | 10.8%         | 39,162,074,391  | 27.8%         | 140,663,847,272        | 100.0%        |
| 2018 | 8,463,028,554        | 5.9%          | 25,997,372,246   | 18.0%         | 54,723,743,027    | 37.9%         | 15,807,731,211      | 10.9%         | 39,461,393,021  | 27.3%         | 144,453,268,059        | 100.0%        |
| 2019 | 8,878,491,771        | 6.0%          | 25,555,075,785   | 17.1%         | 57,302,006,431    | 38.4%         | 16,634,606,777      | 11.2%         | 40,767,583,997  | 27.3%         | 149,137,764,761        | 100.0%        |
| 2020 | 9,356,100,534        | 5.9%          | 28,457,675,985   | 18.0%         | 60,306,168,847    | 38.1%         | 17,627,783,898      | 11.1%         | 42,503,228,599  | 26.9%         | 158,250,957,863        | 100.0%        |
| 2021 | 9,806,507,325        | 5.9%          | 29,795,262,233   | 18.0%         | 62,997,745,070    | 38.1%         | 18,474,642,227      | 11.2%         | 44,212,092,105  | 26.7%         | 165,286,248,960        | 100.0%        |

Note: Property tax levies are not collected directly by Huron-Clinton Metropolitan Authority. Authority property tax levies are collected by local communities within the five county park district and are forwarded to each County Treasurer who distributes the Authority's tax levy to the park district. Accordingly, individual taxpayer records are not maintained by Huron-Clinton Metropolitan Authority.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.



## Huron-Clinton Metropolitan Authority

### Property Tax Rates (Per \$1,000 of Value)

Last Ten Fiscal Years  
December 31, 2021

| Year | Authority<br>Millage Rate (a) |
|------|-------------------------------|
| 2012 | 0.2146                        |
| 2013 | 0.2146                        |
| 2014 | 0.2146                        |
| 2015 | 0.2146                        |
| 2016 | 0.2146                        |
| 2017 | 0.2146                        |
| 2018 | 0.2140                        |
| 2019 | 0.2129                        |
| 2020 | 0.2117                        |
| 2021 | 0.2104                        |

(a) Huron-Clinton Metropolitan Authority operates in five different counties encompassing many different townships, cities, and school districts. Huron-Clinton Metropolitan Authority does not collect any taxes on behalf of any other governmental entity.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

Property Tax Levies and Collections

Last Ten Fiscal Years  
December 31, 2021

| Year | Initial    | Current Year    | Percent of      | Prior Years    | Prior Years     | Percent of      | Total       | Percent of      | Outstanding Tax |
|------|------------|-----------------|-----------------|----------------|-----------------|-----------------|-------------|-----------------|-----------------|
|      | Tax        | Tax             | Current Year    | Tax Receivable | Tax Receivable  | Prior Years     | Tax         | Total Tax       | Receivable      |
|      | Levy (a)   | Collections (b) | Taxes Collected | Balances       | Collections (b) | Taxes Collected | Collections | Collections (c) | At Year End     |
| 2012 | 30,311,637 | 29,158,227      | 96.2%           | 63,840         | (238,136)       | -373.0%         | 28,920,091  | 95.2%           | 110,914         |
| 2013 | 29,093,937 | 28,015,682      | 96.3%           | 53,383         | (209,270)       | -392.0%         | 27,806,412  | 95.4%           | 136,760         |
| 2014 | 28,950,466 | 28,419,636      | 98.2%           | 93,563         | 37,629          | 40.2%           | 28,457,265  | 98.0%           | 193,154         |
| 2015 | 29,147,709 | 28,155,589      | 96.6%           | 193,154        | 265,079         | 137.2%          | 28,420,668  | 96.9%           | 155,578         |
| 2016 | 29,956,861 | 29,330,025      | 97.9%           | 155,578        | 42,697          | 27.4%           | 29,372,722  | 97.5%           | 175,541         |
| 2017 | 30,002,724 | 33,389,306      | 111.3%          | 175,541        | 128,223         | 73.0%           | 33,517,529  | 111.1%          | 178,721         |
| 2018 | 30,736,230 | 28,385,251      | 92.4%           | 178,721        | 57,299          | 32.1%           | 28,442,550  | 92.0%           | 1,752,480       |
| 2019 | 31,977,434 | 33,087,084      | 103.5%          | 1,752,480      | 1,956,282       | 111.6%          | 35,043,366  | 103.9%          | 75,771          |
| 2020 | 33,393,609 | 35,863,345      | 107.4%          | 75,771         | 5,805           | 7.7%            | 35,869,150  | 107.2%          | 1,002,394       |
| 2021 | 34,639,553 | 34,630,934      | 100.0%          | 1,002,394      | 960,559         | 95.8%           | 35,591,493  | 99.9%           | 110,662         |

(a) Initial tax levy amounts exclude Industrial, Commercial, Downtown Development Authority, Tax Incremental Financing Authority tax abatement properties, Board of Review, and State Tax Tribunal adjustments.

(b) Tax collection amounts are net of refunds ordered by Boards of Review and the State Tax Tribunal.

(c) Compares total tax collections to initial tax levy and prior years tax receivable balances at year end.

Source: Huron-Clinton Metropolitan Authority and various County collection records.

Principal Property Tax Payers

Current and Nine Years Ago  
December 31, 2021

| Taxpayer  | 2021                           |      |  | 2011                           |      |  |
|---|--------------------------------|------|--|--------------------------------|------|--|
|   | Taxable Value (a)              | Rank | Percent of Total Authority Taxable Value | Taxable Value (a)              | Rank | Percent of Total Authority Taxable Value |
| Detroit Edison                                  | 3,071,641,891                  | 1    | 1.86%                                    | 2,017,146,298                  | 2    | 1.20%                                    |
| Consumers Energy                                | 1,092,813,400                  | 2    | 0.66%                                    | 353,575,884                    | 5    | 0.21%                                    |
| Ford Motor Company                              | 854,970,652                    | 3    | 0.52%                                    | 2,338,807,412                  | 1    | 1.39%                                    |
| ITC   | 604,948,983                    | 4    | 0.37%                                    | -                              | -    | -  |
| General Motors                                  | 462,008,084                    | 5    | 0.28%                                    | 1,903,205,642                  | 3    | 0.00%                                    |
| Enbridge Energy                                 | 411,897,423                    | 6    | 0.25%                                    | -                              | -    | -  |
| FCA Auburn Hills Owner LLC/Chrysler Corporation | 404,874,786                    | 7    | 0.24%                                    | -                              | -    | 0.00%                                    |
| Marathon Petroleum Company                      | 202,043,846                    | 8    | 0.12%                                    | 151,186,066                    | 9    | 0.09%                                    |
| Greektown Casino, LLC                           | 150,046,366                    | 9    | 0.09%                                    | -                              | -    | -  |
| McKinley Associates                             | 148,197,686                    | 10   | 0.09%                                    | 139,357,335                    | 10   | 0.08%                                    |
| Daimler/Chrysler/Cerberus                       | -                              | -    | -  | 1,584,442,815                  | 4    | 0.94%                                    |
| MGM Grand Detroit LLC                           | -                              | -    | -  | 296,307,555                    | 6    | 0.18%                                    |
| United States Steel                             | -                              | -    | -  | 225,026,607                    | 7    | 0.13%                                    |
| Michigan Consolidated Gas                       | -                              | -    | -  | 161,806,839                    | 8    | 0.10%                                    |
| <b>Total Ten Largest Taxpayers</b>              | <b><u>\$ 7,403,443,117</u></b> |      | <b><u>4.48%</u></b>                      | <b><u>\$ 9,170,862,453</u></b> |      | <b><u>4.32%</u></b>                      |

(a) Taxable values include Industrial Facility Act 198 properties and Commercial Facility Act 255 properties. Taxable values have been combined if the taxpayer has locations in more than one county.

Source: Livingston, Macomb, Oakland, Washtenaw, and Wayne County Assessing and Equalization Departments.

| Year | Total Population by County (a) |         |           |           |           | Total     |
|------|--------------------------------|---------|-----------|-----------|-----------|-----------|
|      | Livingston                     | Macomb  | Oakland   | Washtenaw | Wayne     |           |
| 1960 | 38,233                         | 405,804 | 690,259   | 172,440   | 2,666,297 | 3,973,033 |
| 1970 | 58,967                         | 626,204 | 907,871   | 234,103   | 2,670,368 | 4,497,513 |
| 1980 | 100,289                        | 694,600 | 1,011,793 | 264,748   | 2,337,891 | 4,409,321 |
| 1990 | 115,645                        | 717,400 | 1,083,592 | 282,937   | 2,111,687 | 4,311,261 |
| 2000 | 156,951                        | 788,149 | 1,194,156 | 322,895   | 2,061,162 | 4,523,313 |
| 2010 | 180,967                        | 840,978 | 1,202,362 | 344,791   | 1,820,584 | 4,389,682 |
| 2013 | 182,402                        | 845,197 | 1,213,406 | 348,560   | 1,804,507 | 4,394,072 |
| 2014 | 183,264                        | 849,344 | 1,220,798 | 351,454   | 1,790,078 | 4,394,938 |
| 2015 | 184,591                        | 854,689 | 1,229,503 | 354,092   | 1,778,969 | 4,401,844 |
| 2016 | 185,841                        | 859,703 | 1,235,215 | 358,082   | 1,767,593 | 4,406,434 |
| 2017 | 186,946                        | 864,019 | 1,241,860 | 361,509   | 1,763,822 | 4,418,156 |
| 2018 | 188,482                        | 868,704 | 1,250,843 | 365,961   | 1,761,382 | 4,435,372 |
| 2019 | 189,754                        | 870,325 | 1,253,185 | 367,000   | 1,757,299 | 4,437,563 |
| 2020 | 190,832                        | 870,893 | 1,255,340 | 368,385   | 1,753,059 | 4,438,509 |

| Number of Households by County (b) |         |         |           |         |           |
|------------------------------------|---------|---------|-----------|---------|-----------|
| Livingston                         | Macomb  | Oakland | Washtenaw | Wayne   | Total     |
| 72,905                             | 349,340 | 509,589 | 143,040   | 694,858 | 1,769,732 |

| Income                 | Household Income by County (b) |        |         |           |         | Total   |
|------------------------|--------------------------------|--------|---------|-----------|---------|---------|
|                        | Livingston                     | Macomb | Oakland | Washtenaw | Wayne   |         |
| Less than \$10,000     | 1,868                          | 15,478 | 20,903  | 9,304     | 75,139  | 122,692 |
| \$10,000 to \$14,999   | 1,437                          | 11,727 | 14,541  | 5,428     | 37,142  | 70,275  |
| \$15,000 to \$24,999   | 3,798                          | 30,008 | 31,903  | 9,298     | 73,244  | 148,251 |
| \$25,000 to \$34,999   | 4,917                          | 31,985 | 37,541  | 10,324    | 71,866  | 156,633 |
| \$35,000 to \$49,999   | 7,764                          | 45,883 | 51,500  | 14,385    | 93,652  | 213,184 |
| \$50,000 to \$74,999   | 12,353                         | 64,468 | 78,983  | 22,228    | 115,718 | 293,750 |
| \$75,000 to \$99,999   | 10,866                         | 47,659 | 67,039  | 18,616    | 78,138  | 222,318 |
| \$100,00 to \$149,999  | 14,680                         | 60,560 | 94,193  | 23,821    | 83,563  | 276,817 |
| \$150,000 to \$199,999 | 8,026                          | 23,895 | 50,121  | 12,895    | 34,145  | 129,082 |
| \$200,000 or more      | 7,196                          | 17,677 | 62,865  | 16,741    | 32,251  | 136,730 |

| Median Household Income (b) |          |          |           |          |
|-----------------------------|----------|----------|-----------|----------|
| Livingston                  | Macomb   | Oakland  | Washtenaw | Wayne    |
| \$84,274                    | \$64,641 | \$81,587 | \$75,730  | \$49,359 |

| Ethnicity                     | Ethnicity by County (a) |        |                |        |                  |        |                |        |                  |        |                  |        |
|-------------------------------|-------------------------|--------|----------------|--------|------------------|--------|----------------|--------|------------------|--------|------------------|--------|
|                               | Livingston              |        | Macomb         |        | Oakland          |        | Washtenaw      |        | Wayne            |        | Total            |        |
| White                         | 183,233                 | 96.02% | 695,298        | 79.84% | 926,699          | 73.82% | 267,847        | 72.71% | 617,413          | 42.49% | 2,690,490        | 65.01% |
| Black or African American     | 1,154                   | 0.60%  | 103,084        | 11.84% | 166,988          | 13.30% | 43,580         | 11.83% | 671,837          | 46.24% | 986,643          | 23.84% |
| American Indian & Alaska Nat  | 453                     | 0.24%  | 2,505          | 0.29%  | 2,863            | 0.23%  | 1,296          | 0.35%  | 5,936            | 0.41%  | 13,053           | 0.32%  |
| Asian                         | 1,965                   | 1.03%  | 36,410         | 4.18%  | 96,751           | 7.71%  | 33,744         | 9.16%  | 59,977           | 4.13%  | 228,847          | 5.53%  |
| Native Hawaiian/Other Pacific | 102                     | 0.05%  | 619            | 0.07%  | 313              | 0.02%  | 133            | 0.04%  | 426              | 0.03%  | 1,593            | 0.04%  |
| Other Race                    | 503                     | 0.26%  | 5,292          | 0.61%  | 13,258           | 1.06%  | 3,507          | 0.95%  | 39,653           | 2.73%  | 62,213           | 1.50%  |
| Two or More Races             | 3,422                   | 1.79%  | 27,685         | 3.18%  | 48,468           | 3.86%  | 18,278         | 4.96%  | 57,817           | 3.98%  | 155,670          | 3.76%  |
|                               | <u>190,832</u>          |        | <u>870,893</u> |        | <u>1,255,340</u> |        | <u>368,385</u> |        | <u>1,453,059</u> |        | <u>4,138,509</u> |        |

| Age           | Age by County (a) |        |                |        |                  |        |                |        |                  |        |                  |        |
|---------------|-------------------|--------|----------------|--------|------------------|--------|----------------|--------|------------------|--------|------------------|--------|
|               | Livingston        |        | Macomb         |        | Oakland          |        | Washtenaw      |        | Wayne            |        | Total            |        |
| under 5       | 9,612             | 5.04%  | 47,772         | 5.49%  | 67,888           | 5.41%  | 17,977         | 4.88%  | 115,077          | 6.56%  | 258,326          | 5.82%  |
| 5 through 9   | 11,209            | 5.87%  | 49,330         | 5.66%  | 68,943           | 5.49%  | 17,868         | 4.85%  | 111,384          | 6.35%  | 258,734          | 5.83%  |
| 10 through 14 | 11,574            | 6.07%  | 52,723         | 6.05%  | 77,253           | 6.15%  | 20,529         | 5.57%  | 117,466          | 6.70%  | 279,545          | 6.30%  |
| 15 through 19 | 12,691            | 6.65%  | 51,768         | 5.94%  | 76,537           | 6.10%  | 32,772         | 8.90%  | 111,736          | 6.37%  | 285,504          | 6.43%  |
| 20 through 24 | 10,995            | 5.76%  | 52,739         | 6.06%  | 74,263           | 5.92%  | 47,807         | 12.98% | 112,478          | 6.42%  | 298,282          | 6.72%  |
| 25 through 34 | 20,621            | 10.81% | 117,110        | 13.45% | 166,164          | 13.24% | 52,952         | 14.37% | 248,309          | 14.16% | 605,156          | 13.63% |
| 35 through 44 | 22,083            | 11.57% | 104,439        | 11.99% | 156,724          | 12.48% | 42,304         | 11.48% | 206,106          | 11.76% | 531,656          | 11.98% |
| 45 through 54 | 28,739            | 15.06% | 122,110        | 14.02% | 176,655          | 14.07% | 42,699         | 11.59% | 227,571          | 12.98% | 597,774          | 13.47% |
| 55 through 59 | 15,964            | 8.37%  | 63,992         | 7.35%  | 93,697           | 7.46%  | 21,094         | 5.73%  | 120,223          | 6.86%  | 314,970          | 7.10%  |
| 60 through 64 | 14,541            | 7.62%  | 60,888         | 6.99%  | 85,826           | 6.84%  | 21,046         | 5.71%  | 112,267          | 6.40%  | 294,568          | 6.64%  |
| 65 through 74 | 20,261            | 10.62% | 84,978         | 9.76%  | 125,004          | 9.96%  | 31,147         | 8.46%  | 159,036          | 9.07%  | 420,426          | 9.47%  |
| 75 through 84 | 9,048             | 4.74%  | 42,388         | 4.87%  | 57,369           | 4.57%  | 14,168         | 3.85%  | 75,804           | 4.32%  | 198,777          | 4.48%  |
| 85 and over   | 3,494             | 1.83%  | 20,656         | 2.37%  | 29,017           | 2.31%  | 6,022          | 1.63%  | 35,602           | 2.03%  | 94,791           | 2.14%  |
|               | <u>190,832</u>    |        | <u>870,893</u> |        | <u>1,255,340</u> |        | <u>368,385</u> |        | <u>1,753,059</u> |        | <u>4,438,509</u> |        |

Data from 2019 American Community Survey:  
 (a) ACS Demographic and Housing Estimates (DP05)  
 (b) Selected Economic Characteristics (DP03)

Principal Employers

Current and Ten Years Ago  
December 31, 2021

| Employer                         | 2021           |      |                                       | 2011           |      |                                       |
|----------------------------------|----------------|------|---------------------------------------|----------------|------|---------------------------------------|
|                                  | Employees (a)  | Rank | Percentage of Total Region Employment | Employees (a)  | Rank | Percentage of Total Region Employment |
| Ford Motor Company               | 45,320         | 1    | 6.4%                                  | 33,805         | 1    | 5.29%                                 |
| FCA US LLC (formerly Chrysler)   | 36,304         | 2    | 6.6%                                  | 15,886         | 5    | 3.33%                                 |
| University of Michigan Hospitals | 35,446         | 3    | 18.7%                                 | 27,766         | 2    | 14.79%                                |
| General Motors                   | 25,684         | 4    | 5.4%                                  | 26,359         | 3    | 97.41%                                |
| Beaumont Health System           | 25,518         | 5    | 4.0%                                  | 11,235         | 9    | 2.12%                                 |
| Henry Ford Health System         | 21,369         | 6    | 3.3%                                  | 15,654         | 6    | 2.45%                                 |
| US Government                    | 18,038         | 7    | 4.2%                                  | 17,935         | 4    | 4.30%                                 |
| Trinity Health                   | 15,881         | 8    | 5.2%                                  | 10,834         | 10   | 3.93%                                 |
| Rocket Company                   | 15,250         | 9    | 2.0%                                  | -              | -    | 0.00%                                 |
| City of Detroit                  | 9,094          | 10   | 1.2%                                  | 13,187         | 8    | 1.94%                                 |
| Detroit Public Schools           | -              |      | 0.92%                                 | 13,750         | 7    | 2.03%                                 |
|                                  | <u>247,904</u> |      | <u>57.91%</u>                         | <u>186,411</u> |      | <u>137.59%</u>                        |

(a) Employer information for Livingston County was unavailable as of the report letter date

Sources: Crain's Detroit Business, Michigan Department of Technology, Management, and Budget, Macomb, Oakland, Washtenaw, and Wayne County annual financial statements.

## Huron-Clinton Metropolitan Authority

### Full-Time Equivalent Employees by Location

Last Ten Fiscal Years

December 31, 2021

| Location                 | As of December 31, |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|--------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                          | <u>2012</u>        | <u>2013</u>       | <u>2014</u>       | <u>2015</u>       | <u>2016</u>       | <u>2017</u>       | <u>2018</u>       | <u>2019</u>       | <u>2020</u>       | <u>2021</u>       |
| Administrative Office    | 54                 | 53                | 50                | 53                | 58                | 67                | 65                | 64                | 63                | 66                |
| Lake St. Clair Metropark | 55                 | 57                | 51                | 53                | 56                | 57                | 55                | 56                | 51                | 55                |
| Kensington Metropark     | 81                 | 80                | 82                | 88                | 96                | 97                | 94                | 95                | 92                | 93                |
| Lower Huron Metropark    | 85                 | 84                | 83                | 88                | 94                | 89                | 85                | 84                | 66                | 74                |
| Hudson Mills Metropark   | 35                 | 32                | 28                | 29                | 29                | 29                | 29                | 28                | 28                | 29                |
| Stony Creek Metropark    | 53                 | 55                | 53                | 56                | 63                | 64                | 59                | 63                | 60                | 71                |
| Lake Erie Metropark      | 48                 | 48                | 45                | 43                | 44                | 45                | 49                | 48                | 38                | 40                |
| Wolcott Mill Metropark   | 19                 | 16                | 16                | 20                | 23                | 18                | 18                | 15                | 14                | 14                |
| Indian Springs Metropark | 22                 | 22                | 24                | 25                | 24                | 23                | 23                | 24                | 25                | 25                |
| Huron Meadows Metropark  | 12                 | 11                | 11                | 12                | 12                | 12                | 12                | 12                | 12                | 12                |
| <b>Total</b>             | <b><u>464</u></b>  | <b><u>458</u></b> | <b><u>443</u></b> | <b><u>467</u></b> | <b><u>499</u></b> | <b><u>501</u></b> | <b><u>489</u></b> | <b><u>489</u></b> | <b><u>449</u></b> | <b><u>479</u></b> |

Capital Asset Statistics by Function/Program

Last Ten Fiscal Years

December 31, 2021

|  | As of December 31, |           |           |           |           |           |           |           |           |           |
|--|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|  | 2012               | 2013      | 2014      | 2015      | 2016      | 2017*     | 2018      | 2019      | 2020      | 2021      |
| Number of Regional Parks                           | 13                 | 13        | 13        | 13        | 13        | 13        | 13        | 13        | 13        | 13        |
| Vehicle Count                                      |                    |           |           | 2,859,720 | 2,947,885 | 2,921,824 | 2,906,524 | 2,829,831 | 3,822,470 | 3,518,195 |
| Estimated Attendance***                            | 8,866,125          | 8,420,298 | 7,939,916 | 7,149,300 | 7,369,713 | 7,304,560 | 7,266,310 | 5,942,645 | 8,027,187 | 7,388,210 |
| Land (acres)                                       |                    |           |           |           |           |           |           |           |           |           |
| All Land ****                                      |                    |           |           | 24,521    | 24,521    | 24,508    | 24,508    | 24,508    | 24,508    | 24,862    |
| Encumbered for Recreation                          |                    |           |           | 14,761    | 14,761    | 14,761    | 14,761    | 14,761    | 14,761    | 14,761    |
| Leased for Farming                                 |                    |           |           | 595       | 595       | 491       | 491       | 491       | 491       | 491       |
| Leased for Recreation                              |                    |           |           | 450       | 450       | 450       | 450       | 450       | 450       | 450       |
| Leased for Utilities                               |                    |           |           | 24        | 24        | 24        | 24        | 24        | 24        | 24        |
| General Grounds Maintenance - Acres Mowed Annually | 2,261              | 2,261     | 3,099     | 3,099     | 3,691     | 3,691     | 3,691     | 3,691     | 3,691     | 3,691     |
| Trails (miles)                                     |                    |           |           |           |           |           |           |           |           |           |
| Nature/Hiking                                      |                    |           |           | 58        | 58        | 59        | 59        | 59        | 59        | 59        |
| Paved/Shared Use                                   |                    |           |           | 84        | 84        | 90        | 90        | 90        | 91        | 91        |
| Equestrian   |                    |           |           | 36        | 36        | 36        | 36        | 91        | 91        | 36        |
| Cross Country Ski                                  | 80                 | 80        | 81        | 64        | 64        | 64        | 64        | 64        | 64        | 85        |
| Mountain Biking                                    |                    |           |           | 19        | 19        | 19        | 19        | 19        | 23        | 22        |
| Maintenance Paths                                  |                    |           |           | 81        | 81        | 81        | 81        | 81        | 81        | 81        |
| Aquatic Facilities                                 |                    |           |           |           |           |           |           |           |           |           |
| Aquatic Centers **                                 |                    |           |           |           |           | 5         | 5         | 5         | 5         | 5         |
| Spray Pads**                                       | 4                  | 4         | 4         | 4         | 4         | 2         | 2         | 2         | 2         | 2         |
| Pools **   | 4                  | 4         | 4         | 4         | 4         |           |           |           |           |           |
| Beaches  | 5                  | 5         | 5         | 5         | 5         | 5         | 5         | 5         | 5         | 5         |
| Boat Launches                                      | 44                 | 44        | 46        | 50        | 50        | 50        | 50        | 50        | 50        | 50        |
| Boat Rental Facilities-Metropark operated          | 6                  | 6         | 5         | 6         | 6         | 4         | 4         | 4         | 4         | 4         |
| Boat Rental Facilities-Concessionaire operated     |                    |           |           |           |           | 2         | 3         | 3         | 3         | 3         |
| Fishing Platforms                                  |                    |           |           | 16        | 16        | 16        | 16        | 16        | 18        | 18        |
| Marinas - Number of Boat Slips                     | 509                | 509       | 498       | 393       | 393       | 393       | 393       | 393       | 393       | 393       |
| Winter Facilities                                  |                    |           |           |           |           |           |           |           |           |           |
| Ice Skating Areas                                  |                    |           |           | 4         | 4         | 4         | 4         | 4         | 4         | 4         |
| Sledding Areas                                     |                    |           |           | 8         | 8         | 8         | 8         | 8         | 8         | 8         |
| Infrastructure                                     |                    |           |           |           |           |           |           |           |           |           |
| Buildings  |                    |           |           | 489       | 489       | 484       | 484       | 484       | 476       | 475       |
| Roads (miles)                                      |                    |           |           | 68        | 68        | 68        | 68        | 68        | 68        | 68        |
| Parking Spaces                                     |                    |           |           | 19,332    | 19,332    | 19,332    | 19,332    | 19,332    | 19,332    | 19,332    |



Capital Asset Statistics by Function/Program

Last Ten Fiscal Years

December 31, 2021

|                                 | As of December 31, |           |           |           |           |           |           |           |           |           |
|---------------------------------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                 | 2012               | 2013      | 2014      | 2015      | 2016      | 2017*     | 2018      | 2019      | 2020      | 2021      |
| Great Lakes Shoreline (miles)   |                    |           |           | 14        | 14        | 14        | 14        | 14        | 14        |           |
| Inland Lakes (acres)            |                    |           |           | 3,634     | 3,634     | 3,634     | 3,634     | 3,634     | 3,634     | 3,634     |
| Recreation Facilities           |                    |           |           |           |           |           |           |           |           |           |
| Regulation 18 Hole Courses      | 8                  | 8         | 8         | 8         | 8         | 7         | 7         | 7         | 7         | 7         |
| Number of Golf Rounds           | 187,686            | 182,333   | 169,157   | 191,605   | 190,527   | 176,231   | 174,580   | 187,247   | 225,069   | 246,102   |
| Par 3 Courses                   | 2                  | 2         | 2         | 2         | 2         | 1         | 1         | 1         | 1         | 1         |
| Number of Golf Rounds           | 19,829             | 17,238    | 12,971    | 14,257    | 14,025    | 4,249     | 6,784     | 5,433     | 6,965     | 6,178     |
| Number of Foot Golf Rounds      |                    |           |           |           |           | 784       | 324       | 823       | 754       | 618       |
| Driving Ranges                  | 5                  | 5         | 6         | 6         | 6         | 5         | 5         | 5         | 5         | 5         |
| Disc Golf Courses               |                    |           |           | 5         | 5         | 5         | 5         | 5         | 5         | 5         |
| Disc Golf Holes                 | 123                | 123       | 126       | 135       | 135       | 135       | 135       | 135       | 135       | 135       |
| Playgrounds                     | 50                 | 50        | 51        | 78        | 78        | 77        | 77        | 77        | 77        | 78        |
| Picnic Shelters                 | 91                 | 9         | 91        | 87        | 87        | 86        | 86        | 86        | 86        | 86        |
| Picnic Areas                    | 89                 | 88        | 88        | 70        | 70        |           |           |           |           |           |
| Tennis Courts                   | 8                  | 8         | 8         | 9         | 9         | 8         | 4         | 4         | 4         | 4         |
| Pickelball Courts               |                    |           |           |           |           | 3         | 3         | 3         | 3         | 3         |
| Basketball Courts               | 19                 | 19        | 18        | 15        | 15        | 15        | 15        | 15        | 15        | 15        |
| Sand Volleyball Courts          |                    |           |           | 38        | 38        | 39        | 39        | 39        | 35        | 35        |
| Baseball Fields                 |                    |           |           | 28        | 28        | 22        | 21        | 21        | 21        | 21        |
| Interpretive Centers            |                    |           |           |           |           |           |           |           |           |           |
| Environmental Discovery Center  | 1                  | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| Farm Centers                    | 2                  | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         | 2         |
| Grist Mill                      | 1                  | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| Nature Centers                  | 6                  | 6         | 6         | 6         | 6         | 6         | 6         | 6         | 6         | 6         |
| Mobile Metropark                | 1                  | 1         | 1         | 1         | 3         | 3         | 3         | 3         | 3         | 3         |
| Number of Visitors              | 1,657,759          | 1,549,800 | 1,549,000 | 1,382,962 | 1,470,541 | 1,487,666 | 1,503,582 | 1,475,367 | 1,472,638 | 1,495,110 |
| Number of Interpretive Programs | 9,706              | 7,478     | 7,175     | 7,580     | 5,520     | 5,553     | 5,944     | 5,859     | 1,614     | 3,000     |
| Special Event Facilities        |                    |           |           | 6         | 6         | 6         | 6         | 6         | 6         | 5         |
| Excursion Boat                  | 1                  | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         | 1         |
| Public Safety                   |                    |           |           |           |           |           |           |           |           |           |
| Number of Patrol Vehicles       | 39                 | 36        | 36        | 36        | 36        | 36        | 36        | 37        | 37        | 37        |
| Number of Law Violations        |                    |           |           |           |           |           |           |           |           |           |
| Arrests                         | 19                 | 20        | 24        | 30        | 25        | 50        | 40        | 23        | 21        | 10        |
| Traffic Violations              | 175                | 221       | 225       | 295       | 333       | 193       | 330       | 147       | 116       | 117       |
| Other Violations                | 56                 | 49        | 75        | 167       | 129       | 82        | 87        | 119       | 149       | 260       |

Capital Asset Statistics by Function/Program

Last Ten Fiscal Years  
December 31, 2021

|   | As of December 31, |         |         |      |      |       |      |      |      |      |
|---|--------------------|---------|---------|------|------|-------|------|------|------|------|
|   | 2012               | 2013    | 2014    | 2015 | 2016 | 2017* | 2018 | 2019 | 2020 | 2021 |
| Land (acres) Developed                                      | 5,800              | 5,800   | 4,890   |      |      |       |      |      |      |      |
| Land (acres) Undeveloped                                    | 18,355             | 18,355  | 18,960  |      |      |       |      |      |      |      |
| Land (acres) Under Recreational Lease to Other Agencies     | 600                | 600     | 1,045   |      |      |       |      |      |      |      |
| Number of Buildings Maintained                              | 321                | 321     | 320     |      |      |       |      |      |      |      |
| Square Footage of Buildings Maintained                      | 705,395            | 705,395 | 703,120 |      |      |       |      |      |      |      |
| Equestrian Trails - Number of Miles                         | 53                 | 53      | 53      |      |      |       |      |      |      |      |
| Hike/ Bike Trails (paved) - Number of Miles of Paved Trails | 61                 | 61      | 66      |      |      |       |      |      |      |      |
| Miles of Shoreline  | 94                 | 94      | 94      |      |      |       |      |      |      |      |
| Nature Trails - Number of Miles                             | 75                 | 75      | 75      |      |      |       |      |      |      |      |
| Outdoor Dance Centers                                       | 2                  | 2       | 2       |      |      |       |      |      |      |      |
| Parking Lots - Square Yards Maintained                      | 796,191            | 768,191 | 768,191 |      |      |       |      |      |      |      |
| Road System - Number of Lane Miles Maintained               | 162                | 162     | 165     |      |      |       |      |      |      |      |
| Skate Parks   | 1                  | 1       | 1       |      |      |       |      |      |      |      |
| Ice Skating Rinks   | 7                  | 7       | 7       |      |      |       |      |      |      |      |
| Sledding/Toboggan Hills                                     | 18                 | 19      | 19      |      |      |       |      |      |      |      |

\*During the year ending December 31, 2015 the Authority's Planning Department developed a comprehensive Vision Plan which included new statistical areas of focus that will be monitored and maintained on a go forward basis. For this reason, certain categories and areas of statistical reporting have changed from previous years reporting. Consistency among categories has been maintained where available.

\*\*During the year ending December 31, 2017 the Authority's Planning Department reevaluated the aquatic facility categories reported. It was concluded to present a new category of Aquatic Center which may include multiple types of facilities previously reported separately.

\*\*\*Estimated attendance based on standard multiplier applied to actual vehicle count

\*\*\*\*Based on land acquisition records, including undeveloped parkway land outside park boundaries

Metropark General Governmental Expenditures by Type

Last Ten Fiscal Years

December 31, 2021

| Year | Capital<br>Improvements | Equipment | Land<br>Acquisition | Major<br>Maintenance | General<br>Administration | Park<br>Operations | Supplemental<br>Major<br>Maintenance<br>Fund | Capital<br>Projects<br>Fund | Total      |
|------|-------------------------|-----------|---------------------|----------------------|---------------------------|--------------------|--|-----------------------------|------------|
| 2012 | 2,491,443               | 1,170,104 | 2,350               | 1,553,104            | 7,538,185                 | 29,706,692         | 1,930,912                                    | -                           | 44,392,790 |
| 2013 | 5,068,491               | 1,531,932 | 28,820              | 704,328              | 6,990,592                 | 28,829,491         | 292,196                                      | -                           | 43,445,850 |
| 2014 | 4,879,504               | 1,225,463 | 269,846             | 1,435,517            | 7,640,052                 | 29,119,023         | 382,460                                      | -                           | 44,951,865 |
| 2015 | 3,212,855               | 1,370,378 | 177,591             | 1,786,274            | 7,516,737                 | 31,518,622         | 94,579                                       | -                           | 45,677,036 |
| 2016 | 4,159,886               | 3,089,427 | 5,056               | 1,926,210            | 7,371,706                 | 32,622,292         | -  | -                           | 49,174,577 |
| 2017 | 7,523,357               | 2,801,066 | 10,900              | 2,270,033            | 9,122,348                 | 33,299,256         | -  | -                           | 55,026,960 |
| 2018 | -                       | 1,836,785 | -                   | 2,546,141            | 9,254,259                 | 32,843,656         | -  | 2,130,516                   | 48,611,357 |
| 2019 | -                       | 1,960,797 | -                   | 900,482              | 9,641,366                 | 33,958,676         | -  | 2,998,619                   | 49,459,941 |
| 2020 | -                       | 2,233,449 | -                   | 1,587,803            | 9,175,295                 | 33,688,715         | -  | 6,372,196                   | 53,057,458 |
| 2021 | -                       | 1,769,466 | 789,638             | 2,372,212            | 10,096,921                | 36,204,286         | -  | 6,134,203                   | 57,366,726 |

Metropark General Governmental Expenditures by Park

Last Ten Fiscal Years  
December 31, 2021

|                                       | As of December 31, |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |
|---------------------------------------|--------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
|                                       | 2012               | 2013             | 2014             | 2015             | 2016             | 2017             | 2018             | 2019             | 2020             | 2021             | Total (a)         |
| <b>Capital Projects Fund</b>          |                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |
| Administrative Office                 | \$ -               | \$ 15,070        | \$ 45,000        | \$ -             | \$ 112,999       | \$ 88,600        | \$ -             | \$ -             | \$ -             | \$ -             | \$ 261,669        |
| Lake St. Clair Metropark              | 501,752            | 3,388,101        | 247,053          | 252,381          | 1,236,529        | 3,877,088        | 253,892          | 650,641          | 80,901           | 480,996          | 10,969,334        |
| Kensington Metropark                  | 275,844            | 123,195          | 2,008,956        | 452,571          | 299,491          | 727,346          | 231,173          | 95,991           | 1,702,028        | 368,268          | 6,284,863         |
| Dexter-Delhi Metropark                | 25,859             | 14,659           | 34,885           | -                | -                | -                | -                | -                | -                | -                | 75,403            |
| Lower Huron/Willow/Oakwoods Metropark | 269,893            | 516,245          | 66,796           | 156,782          | 51,322           | 593,005          | 93,124           | 333,065          | 1,412,846        | 3,827,987        | 7,321,065         |
| Hudson Mills Metropark                | 97,746             | 525,153          | 303,410          | 110,901          | 36,544           | 56,897           | 40,895           | 256,645          | 475,542          | 51,347           | 1,955,080         |
| Stony Creek Metropark                 | 1,182,503          | 125,936          | 237,809          | 1,405,205        | 1,820,937        | 1,361,602        | 1,193,394        | 1,224,647        | 2,629,994        | 1,313,358        | 12,495,385        |
| Lake Erie Metropark                   | 36,280             | 55,787           | 351,366          | 27,186           | 223,999          | 408,973          | 34,586           | 238,350          | 81,695           | 92,248           | 1,550,470         |
| Wolcott Mill Metropark                | 35,032             | 78,544           | 60,035           | 389,335          | 363,060          | 230,446          | 95,491           | 17,272           | (10,809)         | -                | 1,258,406         |
| Indian Springs Metropark              | 37,288             | 167,628          | 325,956          | 371,525          | 15,005           | 155,170          | 4,674            | -                | -                | -                | 1,077,246         |
| Huron Meadows Metropark               | 29,246             | 58,173           | 1,198,238        | 46,969           | -                | 24,230           | 183,287          | 182,009          | -                | -                | 1,722,152         |
| Cost Share Other Agencies             | -                  | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                 |
| <b>Total</b>                          | <b>2,491,443</b>   | <b>5,068,491</b> | <b>4,879,504</b> | <b>3,212,855</b> | <b>4,159,886</b> | <b>7,523,357</b> | <b>2,130,516</b> | <b>2,998,619</b> | <b>6,372,197</b> | <b>6,134,204</b> | <b>44,971,072</b> |
| <b>Equipment</b>                      |                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |
| Central Pool Equipment                | 107,813            | 172,763          | 630,121          | 231,321          | 313,470          | 157,070          | 200,531          | 187,327          | 282,049          | 43,253           | 2,325,718         |
| Lake St. Clair Metropark              | 213,150            | 109,896          | 142,484          | 206,783          | 235,466          | 275,544          | 134,871          | 179,720          | 127,150          | 270,416          | 1,895,480         |
| Kensington Metropark                  | 318,761            | 230,212          | 149,257          | 207,324          | 585,804          | 613,122          | 290,650          | 253,787          | 172,467          | 184,112          | 3,005,496         |
| Lower Huron/Willow/Oakwoods Metropark | 132,884            | 94,976           | 69,759           | 139,967          | 497,397          | 742,245          | 263,752          | 227,180          | 203,047          | 195,495          | 2,566,702         |
| Hudson Mills Metropark                | 12,656             | 117,115          | 82,700           | 36,814           | 156,368          | 29,781           | 125,884          | 216,597          | 285,168          | 235,610          | 1,298,693         |
| Stony Creek Metropark                 | 257,776            | 282,583          | 46,107           | 332,084          | 634,571          | 511,883          | 340,088          | 288,048          | 418,798          | 330,085          | 3,442,023         |
| Willow/Oakwoods Metroparks            | 57,047             | 32,710           | 1,320            | -                | -                | -                | -                | -                | -                | -                | 91,077            |
| Lake Erie Metropark                   | 1,250              | 358,709          | 10,558           | 66,180           | 316,289          | 221,945          | 159,697          | 60,585           | 81,924           | 327,917          | 1,605,054         |
| Wolcott Mill Metropark                | 8,906              | 11,095           | 35,050           | 41,751           | 169,864          | 86,887           | 128,129          | 146,422          | 124,777          | 72,474           | 825,355           |
| Indian Springs Metropark              | 94,408             | 91,409           | 17,537           | 85,280           | 78,549           | 62,471           | 39,689           | 312,459          | 58,933           | 58,909           | 899,644           |
| Huron Meadows Metropark               | 22,500             | 63,174           | 41,890           | 22,874           | 101,649          | 100,118          | 153,495          | 88,673           | 479,136          | 51,197           | 1,124,706         |
| <b>Total</b>                          | <b>1,227,151</b>   | <b>1,564,642</b> | <b>1,226,783</b> | <b>1,370,378</b> | <b>3,089,427</b> | <b>2,801,066</b> | <b>1,836,786</b> | <b>1,960,797</b> | <b>2,233,449</b> | <b>1,769,468</b> | <b>19,079,947</b> |
| <b>Land Acquisition</b>               |                    |                  |                  |                  |                  |                  |                  |                  |                  |                  |                   |
| Lake St. Clair Metropark              | -                  | 19,456           | 72,859           | 177,591          | 5,056            | -                | -                | -                | -                | -                | 274,962           |
| Kensington Metropark                  | -                  | 2,950            | -                | -                | -                | -                | -                | -                | -                | -                | 2,950             |
| Wolcott Mill Metropark                | 2,350              | 6,414            | 196,737          | -                | -                | -                | -                | -                | -                | 789,638          | 995,139           |
| Indian Springs Metropark              | -                  | -                | -                | -                | -                | -                | -                | -                | -                | -                | -                 |
| Huron Meadows                         | -                  | -                | -                | -                | -                | 10,900           | -                | -                | -                | -                | 10,900            |
| Other Metroparks                      | -                  | -                | 250              | -                | -                | -                | -                | -                | -                | -                | 250               |
| <b>Total</b>                          | <b>2,350</b>       | <b>28,820</b>    | <b>269,846</b>   | <b>177,591</b>   | <b>5,056</b>     | <b>10,900</b>    | <b>-</b>         | <b>-</b>         | <b>-</b>         | <b>789,638</b>   | <b>1,284,201</b>  |

Metropark General Governmental Expenditures by Park

Last Ten Fiscal Years

December 31, 2021

|  | As of December 31,   |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|  | 2012                 | 2013                 | 2014                 | 2015                 | 2016                 | 2017                 | 2018                 | 2019                 | 2020                 | 2021                 | Total (a)            |
| <b>Major Maintenance</b>                             |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Administrative Office - Engineering/General Planning | \$ 76,319            | \$ 90,486            | \$ 74,754            | \$ 8,044             | \$ 17,116            | \$ 43,718            | \$ 2,532             | \$ -                 | \$ -                 | \$ 130,148           | \$ 443,117           |
| Lake St. Clair Metropark                             | 67,827               | 170,388              | 226,800              | 198,938              | 180,587              | 733,523              | 162,313              | 50,226               | 114,960              | 603,512              | 2,509,074            |
| Kensington Metropark                                 | 127,031              | 31,511               | 282,058              | 411,571              | 421,900              | 159,149              | 1,087,154            | 317,919              | 324,908              | 368,527              | 3,531,728            |
| Lower Huron/Willow/Oakwoods Metropark                | 429,468              | 38,958               | 454,770              | 338,346              | 252,139              | 497,763              | 564,178              | 311,445              | 265,581              | 220,462              | 3,373,110            |
| Hudson Mills Metropark                               | 338,736              | -                    | 38,651               | 42,342               | 129,663              | 53,080               | 95,746               | 20,237               | 6,361                | 320,586              | 1,045,402            |
| Stony Creek Metropark                                | 236,918              | 38,138               | 228,158              | 269,969              | 634,683              | 212,106              | 121,281              | 57,593               | 190,657              | 64,756               | 2,054,259            |
| Lake Erie Metropark                                  | 125,456              | 248,430              | 4,250                | 17,962               | 91,900               | 91,547               | 216,278              | 18,869               | 281,272              | 417,872              | 1,513,836            |
| Wolcott Mill Metropark                               | 45,053               | 18,572               | 126,076              | 264,173              | 111,436              | 132,151              | 40,838               | 92,946               | 126,129              | 60,701               | 1,018,075            |
| Indian Springs Metropark                             | 48,053               | 63,979               | -                    | 99,502               | 71,109               | 346,996              | 210,853              | 31,235               | 277,935              | 160,072              | 1,309,734            |
| Huron Meadows Metropark                              | 58,243               | 3,866                | -                    | 135,427              | 15,677               | -                    | 44,968               | -                    | -                    | 25,576               | 283,757              |
| Total  | 1,553,104            | 704,328              | 1,435,517            | 1,786,274            | 1,926,210            | 2,270,033            | 2,546,141            | 900,469              | 1,587,803            | 2,372,212            | 17,082,091           |
| <b>General Administration</b>                        |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Administrative Office                                | 7,538,185            | 6,990,592            | 7,640,052            | 7,516,737            | 7,371,706            | 9,122,348            | 9,254,289            | 9,641,366            | 9,175,295            | 10,096,921           | 84,347,491           |
| <b>Park Operations</b>                               |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Lake St. Clair Metropark                             | 3,500,206            | 3,518,212            | 3,476,787            | 3,955,554            | 4,045,798            | 4,193,050            | 4,220,224            | 4,244,286            | 4,267,161            | 4,768,535            | 40,189,813           |
| Kensington Metropark                                 | 6,163,819            | 5,942,347            | 6,009,375            | 6,487,747            | 6,792,494            | 6,936,915            | 6,986,445            | 7,252,435            | 7,712,121            | 7,914,765            | 68,198,463           |
| Lower Huron/Willow/Oakwoods Metropark                | 5,370,279            | 5,314,881            | 5,241,451            | 5,954,585            | 6,142,630            | 6,388,626            | 5,809,366            | 5,929,336            | 5,479,297            | 6,269,758            | 57,900,209           |
| Dexter/Delhi/Hudson Mills Metroparks                 | 2,741,822            | 2,463,982            | 2,444,480            | 2,531,077            | 2,525,080            | 2,493,050            | 2,737,335            | 2,595,250            | 2,767,630            | 2,926,045            | 26,225,751           |
| Stony Creek Metropark                                | 3,959,094            | 3,816,608            | 3,896,686            | 4,450,218            | 5,041,688            | 4,907,561            | 4,701,122            | 5,201,860            | 5,319,035            | 5,569,276            | 46,863,148           |
| Lake Erie Metropark                                  | 3,356,082            | 3,393,851            | 3,313,518            | 3,366,875            | 3,263,730            | 3,696,984            | 3,755,286            | 3,809,592            | 3,469,170            | 3,854,463            | 35,279,551           |
| Wolcott Mill Metropark                               | 1,604,023            | 1,398,932            | 1,548,474            | 1,645,858            | 1,790,519            | 1,537,099            | 1,530,676            | 1,410,077            | 1,408,244            | 1,433,375            | 15,307,277           |
| Indian Springs Metropark                             | 1,844,228            | 1,825,913            | 1,924,048            | 2,018,613            | 1,972,292            | 2,048,351            | 2,013,440            | 2,356,437            | 2,104,819            | 2,252,230            | 20,360,371           |
| Huron Meadows Metropark                              | 837,024              | 855,213              | 943,075              | 1,079,587            | 1,022,826            | 1,074,884            | 1,067,884            | 1,132,929            | 1,113,947            | 1,164,162            | 10,291,531           |
| Central Warehouse/Garage/Other                       | 330,115              | 299,552              | 321,129              | 28,517               | 25,235               | 22,736               | 21,848               | 26,488               | 47,291               | 51,677               | 1,174,588            |
| Total  | 29,706,692           | 28,829,491           | 29,119,023           | 31,518,631           | 32,622,292           | 33,299,256           | 32,843,626           | 33,958,689           | 33,688,715           | 36,204,286           | 321,790,701          |
| <b>Supplemental Major Maintenance Fund</b>           |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |                      |
| Kensington Metropark                                 | 1,712,310            | 53,180               | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | 1,765,490            |
| Lower Huron Metropark                                | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Stony Creek Metropark                                | 218,602              | 239,016              | 382,460              | 94,579               | -                    | -                    | -                    | -                    | -                    | -                    | 934,657              |
| Oakwoods Metropark                                   | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    | -                    |
| Total  | 1,930,912            | 292,196              | 382,460              | 94,579               | -                    | -                    | -                    | -                    | -                    | -                    | 2,700,147            |
| <b>Total Expenditures</b>                            | <b>\$ 46,155,996</b> | <b>\$ 44,449,837</b> | <b>\$ 43,478,560</b> | <b>\$ 44,953,185</b> | <b>\$ 45,677,045</b> | <b>\$ 49,174,577</b> | <b>\$ 55,026,960</b> | <b>\$ 48,611,358</b> | <b>\$ 49,459,941</b> | <b>\$ 53,057,459</b> | <b>\$ 57,366,729</b> |

(a) Includes General Fund and Capital Projects Fund.

Metropark General Governmental Revenue by Source

Last Ten Fiscal Years

December 31, 2021

| Year | Property Tax | Park Operations | Interest  | Grants    | Gifts   | Miscellaneous | Other Financing Sources | Supplemental Major Maintenance | Capital Projects Fund | Huron-Clinton Metroparks Foundation | Total      |
|------|--------------|-----------------|-----------|-----------|---------|---------------|-------------------------|--------------------------------|-----------------------|-------------------------------------|------------|
| 2012 | 28,384,628   | 15,027,250      | 133,184   | 409,538   | 127,231 | 513,164       | 204,213                 | 623,420                        | -                     | -                                   | 45,422,628 |
| 2013 | 27,662,759   | 14,519,872      | 198,255   | 2,050,630 | 167,123 | 27,567        | 223,069                 | 316,736                        | -                     | -                                   | 45,166,011 |
| 2014 | 28,125,677   | 16,316,176      | 277,461   | 215,614   | 87,407  | 97,013        | 43,551                  | 251,281                        | -                     | -                                   | 45,414,180 |
| 2015 | 28,503,130   | 17,893,737      | 344,745   | 217,896   | 337,171 | 987,949       | 192,480                 | 76,693                         | -                     | -                                   | 48,553,801 |
| 2016 | 29,246,499   | 20,130,849      | 287,928   | 76,182    | 130,674 | 339,905       | 319,165                 | 131,845                        | -                     | -                                   | 50,663,047 |
| 2017 | 30,658,374   | 19,340,845      | 449,196   | 284,871   | 245,687 | 351,495       | 643,421                 | 129,437                        | -                     | -                                   | 52,103,326 |
| 2018 | 31,675,974   | 19,328,560      | 707,124   | 976,902   | 230,832 | 791,122       | 473,716                 | 174,459                        | 89,585                | -                                   | 54,448,274 |
| 2019 | 31,312,009   | 19,896,506      | 1,016,519 | 1,191,797 | 202,516 | 1,001,867     | 160,318                 | 165,470                        | 397,906               | -                                   | 55,344,908 |
| 2020 | 32,457,957   | 21,272,732      | 549,839   | 1,533,387 | 77,971  | 1,023,471     | 170,085                 | 37,955                         | 345,844               | 289,296                             | 57,758,537 |
| 2021 | 33,693,345   | 24,293,462      | 118,192   | 724,159   | 110,501 | 640,659       | 149,650                 | 659                            | 365,385               | 202,616                             | 60,298,628 |

Note: The Huron-Clinton Metroparks Foundation is being reported as a blended component unit for the first time in 2020

Metropark Operating Revenues by Park

Last Ten Fiscal Years

December 31, 2021

|                                      | As of December 31,  |                      |                      |                      |                      |                      |                      |                      |                     |                      | Total (a)             |
|--------------------------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|-----------------------|
|                                      | 2012                | 2013                 | 2014                 | 2015                 | 2016                 | 2017                 | 2018                 | 2019                 | 2020                | 2021                 |                       |
| Lake St. Clair Metropark             | \$ 1,677,510        | \$ 1,605,222         | \$ 1,753,366         | \$ 2,161,319         | \$ 2,461,013         | \$ 2,315,553         | \$ 2,443,651         | \$ 2,441,145         | \$ 2,563,721        | \$ 3,111,593         | \$ 22,534,093         |
| Kensington Metropark                 | 2,959,722           | 3,007,259            | 3,481,846            | 3,996,669            | 4,552,476            | 4,741,963            | 4,523,073            | 4,818,987            | 5,328,366           | 6,060,003            | 43,470,364            |
| Lower Huron Metropark                | 1,577,205           | 1,299,958            | 1,465,153            | 2,682,224            | 3,071,759            | 2,760,379            | 2,794,920            | 2,884,693            | 1,928,206           | 2,485,528            | 22,950,025            |
| Dexter/Delhi/Hudson Mills Metroparks | 826,820             | 867,709              | 964,791              | 1,044,048            | 1,082,519            | 1,116,862            | 1,111,316            | 1,138,216            | 1,466,229           | 1,633,380            | 11,251,890            |
| Stony Creek Metropark                | 2,846,775           | 2,989,230            | 3,362,441            | 3,574,513            | 4,153,817            | 4,091,310            | 3,927,203            | 3,970,902            | 5,142,932           | 5,177,861            | 39,236,984            |
| Willow/Oakwoods Metroparks           | 1,028,790           | 931,113              | 1,064,566            | -                    | -                    | -                    | -                    | -                    | -                   | -                    | 3,024,469             |
| Lake Erie Metropark                  | 1,553,867           | 1,395,317            | 1,521,141            | 1,627,750            | 1,772,447            | 1,668,012            | 1,764,715            | 1,775,506            | 1,695,120           | 1,939,916            | 16,713,791            |
| Wolcott Mill Metropark               | 588,431             | 534,381              | 539,505              | 558,710              | 625,982              | 297,922              | 251,092              | 296,918              | 91,323              | 194,550              | 3,978,814             |
| Indian Springs Metropark             | 904,808             | 953,775              | 1,079,093            | 1,122,183            | 1,237,868            | 1,107,336            | 1,184,415            | 1,149,175            | 1,255,428           | 1,533,593            | 11,527,674            |
| Huron Meadows Metropark              | 702,974             | 689,334              | 773,048              | 856,215              | 910,351              | 905,093              | 899,953              | 958,854              | 1,002,955           | 1,388,903            | 9,087,680             |
| Resident House/Land Leases Other     |                     |                      |                      |                      |                      |                      |                      |                      |                     |                      | -                     |
| Other                                | 190,986             | 198,093              | 195,165              | -                    | -                    | -                    | -                    | -                    | -                   | -                    | 584,244               |
| Administrative Office                | 169,355             | 48,481               | 116,061              | 270,106              | 262,617              | 336,415              | 428,222              | 462,103              | 798,452             | 766,445              | 3,658,257             |
| <b>Total</b>                         | <b>\$15,027,243</b> | <b>\$ 14,519,872</b> | <b>\$ 16,316,176</b> | <b>\$ 17,893,737</b> | <b>\$ 20,130,849</b> | <b>\$ 19,340,845</b> | <b>\$ 19,328,560</b> | <b>\$ 19,896,499</b> | <b>\$21,272,732</b> | <b>\$ 24,291,772</b> | <b>\$ 188,018,285</b> |

Metropark Operating Revenues by Type

Last Ten Fiscal Years  
December 31, 2021

| Type of Revenue            | As of December 31, |                   |                   |                   |                   |                   |                   |                   |                   |                   |                    |              |
|----------------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------|
|                            | 2012               | 2013              | 2014              | 2015              | 2016              | 2017              | 2018              | 2019              | 2020              | 2021              | Total (a)          |              |
| Food Service (b)           | \$ 730,059         | \$ 774,520        | \$ 1,201,877      | \$ -              | \$ -              | \$ -              | \$ -              | \$ -              | \$ -              | \$ -              | \$ -               | \$ 2,706,456 |
| Aquatic                    | 1,508,333          | 1,317,560         | 1,443,720         | 2,010,251         | 2,156,789         | 1,763,802         | 2,023,328         | 2,020,577         | 506,535           | 1,535,342         | 16,286,237         |              |
| Dockage/Boat Storage       | 371,748            | 366,101           | 362,701           | 383,575           | 394,197           | 372,635           | 332,845           | 367,098           | 417,481           | 495,146           | 3,863,527          |              |
| Boat Rentals               | 338,251            | 357,399           | 389,421           | 460,095           | 476,722           | 436,904           | 419,298           | 472,936           | 671,339           | 578,844           | 4,601,209          |              |
| Excursion Boat             | 44,668             | 49,598            | 49,634            | 44,102            | 17,098            | 55,502            | 49,785            | 54,401            | 100               | 20,972            | 385,860            |              |
| Cross Country Skiing       | 26,076             | 48,047            | 86,234            | 62,642            | 32,959            | 37,810            | 55,945            | 32,761            | 41,808            | 88,333            | 512,615            |              |
| Toll Collection            | 5,722,407          | 5,547,951         | 6,991,270         | 7,471,802         | 9,167,954         | 9,452,371         | 8,936,788         | 9,294,165         | 11,884,742        | 11,862,295        | 86,331,745         |              |
| Sundries (b)               | 119,669            | 115,538           | 109,392           | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 344,599            |              |
| Games/Equipment Rental (b) | 17,463             | 28,875            | 32,390            | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 78,728             |              |
| Activity Center            | 145,918            | 123,194           | 127,407           | 210,988           | 245,014           | 114,004           | 227,522           | 180,211           | (3,682)           | 84,329            | 1,454,905          |              |
| Shelter Reservations       | 351,044            | 405,270           | 369,415           | 373,751           | 377,988           | 313,010           | 376,057           | 390,519           | 246,864           | 506,585           | 3,710,503          |              |
| Golf Course                | 4,518,659          | 4,332,837         | 4,137,391         | 5,345,559         | 5,695,553         | 5,033,276         | 5,221,081         | 5,535,289         | 6,463,508         | 7,757,042         | 54,040,195         |              |
| Adventure/Disc Golf        | 183,330            | 185,184           | 167,969           | 221,241           | 211,653           | 205,616           | 175,706           | 182,972           | 233,778           | 286,047           | 2,053,496          |              |
| Special Events             | 41,301             | 83,653            | 56,331            | 157,462           | 220,531           | 102,998           | 16,501            | 125,721           | 12,975            | 97,222            | 914,695            |              |
| Resident House/Land/Leases | 131,925            | 137,138           | 127,157           | 131,640           | 130,127           | 136,301           | 224,469           | 163,905           | 179,971           | 168,868           | 1,531,501          |              |
| Livestock Sales (b)        | 135,185            | 96,875            | 104,436           | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 336,496            |              |
| Hay Rides (b)              | 34,612             | 42,069            | 48,301            | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 124,982            |              |
| Site Location Fee (b)      | 16,269             | 30,760            | 35,244            | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 82,273             |              |
| Interpretive               | 252,338            | 268,279           | 257,623           | 603,271           | 635,268           | 717,556           | 650,706           | 614,741           | 181,619           | 345,293           | 4,526,694          |              |
| Intergovernmental (b)      | -                  | -                 | -                 | 206,713           | 197,395           | 200,946           | 203,787           | 213,350           | 206,408           | 200,516           | 1,429,115          |              |
| Miscellaneous (b)          | 115,851            | 42,020            | 145,239           | 106,265           | 70,521            | 282,927           | 276,914           | 124,324           | 141,253           | 109,891           | 1,415,205          |              |
| Other Park Revenues (a)    | 222,138            | 167,004           | 70,024            | 104,380           | 101,080           | 115,187           | 137,828           | 123,529           | 88,033            | 155,044           | 1,284,247          |              |
| <b>Total</b>               | <b>15,027,244</b>  | <b>14,519,872</b> | <b>16,313,176</b> | <b>17,893,737</b> | <b>20,130,849</b> | <b>19,340,845</b> | <b>19,328,560</b> | <b>19,896,499</b> | <b>21,272,732</b> | <b>24,291,769</b> | <b>188,015,283</b> |              |

(a) Other Park Revenues include camping, trackless train, and mobile stage.

(b) During the year ended December 31, 2015 the Authority revised their chart of accounts and reporting classifications.

Certain types of operating revenues were consolidated into new or existing operating classifications. As such some historical comparisons are not available.





To: Board of Commissioners  
From: Artina Carter, Chief of Diversity, Equity and Inclusion  
Subject: Report – DEI Tier 3 Training Evaluation Data  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

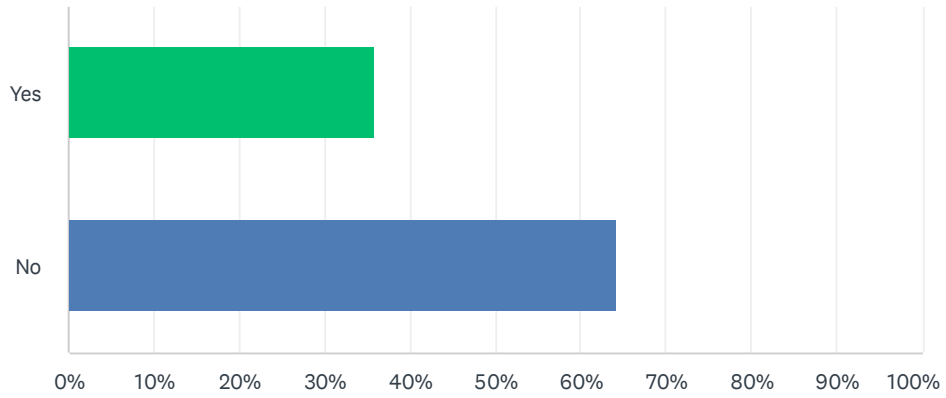
That the Board of Commissioners receive and file the DEI Training Evaluation Data as recommended by Chief of Diversity, Equity and Inclusion Artina Carter and staff.

**Background:** DEI Tier 3 training took place during May and participant evaluations, including comments is provided. All identifying information has been removed from the training evaluation data.

**Attachment: 2022 DEI Tier 3 Training Evaluation**

### Q3 Is this your first DEI training session?

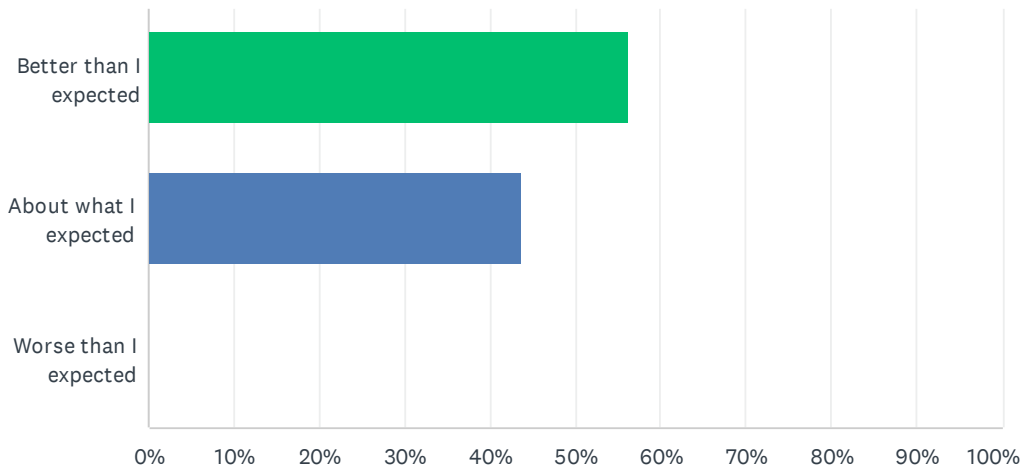
Answered: 215 Skipped: 0



| ANSWER CHOICES | RESPONSES |     |
|----------------|-----------|-----|
| Yes            | 35.81%    | 77  |
| No             | 64.19%    | 138 |
| TOTAL          |           | 215 |

## Q5 DEI Basics training was...

Answered: 215 Skipped: 0



| ANSWER CHOICES         | RESPONSES |            |
|------------------------|-----------|------------|
| Better than I expected | 56.28%    | 121        |
| About what I expected  | 43.72%    | 94         |
| Worse than I expected  | 0.00%     | 0          |
| <b>TOTAL</b>           |           | <b>215</b> |

| #  | COMMENTS  | DATE               |
|----|---|--------------------|
| 1  | It was nice to be in person   | 5/15/2022 12:56 PM |
| 2  | Much better than 1st and 2nd training class   | 5/4/2022 11:16 AM  |
| 3  | Really good-opened my heart and eyes to keep respecting others and their ideas and to accept "the whole person" that they are!      | 5/4/2022 10:39 AM  |
| 4  | Much more interactive are effective in person than the virtual training from last year (I understand why we couldn't be in person!) | 5/4/2022 10:33 AM  |
| 5  | I enjoyed how many activities and engagement there was  | 5/4/2022 10:28 AM  |
| 6  | Thank you, great class! :)  | 5/4/2022 10:16 AM  |
| 7  | Keep up the good work   | 5/4/2022 10:14 AM  |
| 8  | Insightful!   | 5/4/2022 10:09 AM  |
| 9  | Very fun and engaging   | 5/4/2022 8:31 AM   |
| 10 | Interesting   | 4/30/2022 11:05 AM |
| 11 | Much more effective in person than over zoom  | 4/30/2022 10:51 AM |
| 12 | N/A   | 4/29/2022 2:29 PM  |
| 13 | Emotional support and technique is very important in this era   | 4/27/2022 8:53 AM  |
| 14 | Fun and easy to participate in  | 4/27/2022 8:50 AM  |

## DEI Tier 3 Training--2022

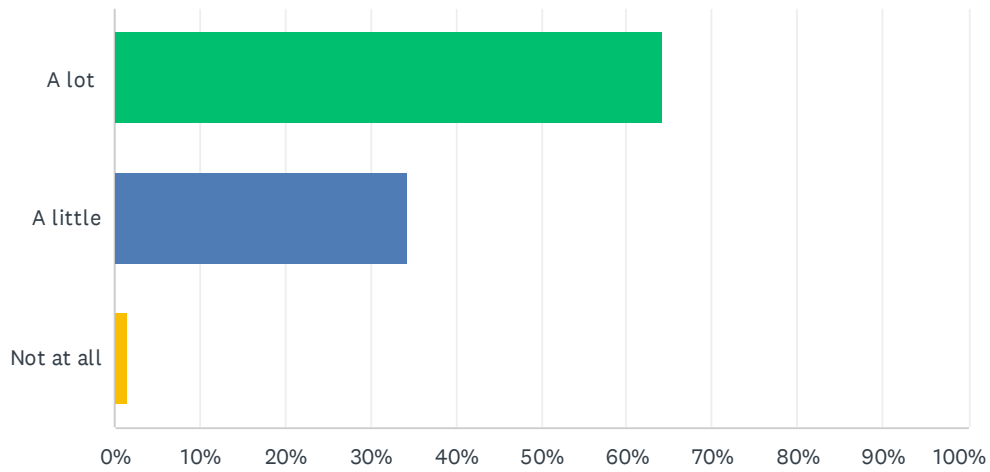
|    |   |                    |
|----|---|--------------------|
| 15 | Learned a lot   | 4/27/2022 8:47 AM  |
| 16 | The content was relevant.   | 4/27/2022 8:44 AM  |
| 17 | Felt that it was extremely inclusive  | 4/27/2022 8:44 AM  |
| 18 | I think we were all happy to see each other in person and without masks!  | 4/26/2022 12:27 PM |
| 19 | The topic of perspective is meaningful  | 4/26/2022 10:25 AM |
| 20 | Good team building  | 4/26/2022 10:24 AM |
| 21 | Everyone seemed willing to share, and it was light hearted  | 4/26/2022 10:20 AM |
| 22 | Thought provoking   | 4/26/2022 10:19 AM |
| 23 | Not sure it did anything to "help"; only caused bad memories of bad experiences   | 4/26/2022 10:06 AM |
| 24 | Loved how the focus was on helping with the park and with fellow coworkers instead of current political agendas.  | 4/26/2022 8:52 AM  |
| 25 | Activities and conversation   | 4/26/2022 8:50 AM  |
| 26 | Very informative. Enjoyed myself  | 4/26/2022 8:37 AM  |
| 27 | Had fun meeting other park employees and how to react to coworkers  | 4/26/2022 8:35 AM  |
| 28 | Nice people, relatable activities   | 4/26/2022 8:33 AM  |
| 29 | Great perspectives. Clear. Concise.   | 4/26/2022 8:27 AM  |
| 30 | Having a good group is important  | 4/26/2022 8:23 AM  |
| 31 | Good participation  | 4/25/2022 8:11 PM  |
| 32 | Personalizing DEI for us makes it much more reliable for those of us who find it hard to emphasize with others. Turning the abstract into something relatable. Thank you.   | 4/25/2022 12:58 PM |
| 33 | I expected great things, and you didn't disappoint me.  | 4/25/2022 12:46 PM |
| 34 | Plenty of group dynamics.   | 4/25/2022 11:36 AM |
| 35 | Very fun :)   | 4/25/2022 11:25 AM |
| 36 | Great job by Artina and Tracy!  | 4/25/2022 11:24 AM |
| 37 | Nothing stood out but it's so nice you guys promote this as part of our job.  | 4/25/2022 11:19 AM |
| 38 | It was employee-focused, which I really enjoyed! It made me feel valued.  | 4/25/2022 11:17 AM |
| 39 | Did not know what DEI was but much more informed about it now   | 4/22/2022 9:46 AM  |
| 40 | Well presented  | 4/22/2022 9:43 AM  |
| 41 | Material was spot on  | 4/22/2022 9:41 AM  |
| 42 | I was nervous and really didn't know what to expect.  | 4/22/2022 9:38 AM  |
| 43 | I felt the discussion we had was very engaging.   | 4/21/2022 11:37 AM |
| 44 | Please schedule the next one in a more centrally located park.  | 4/21/2022 11:14 AM |
| 45 | Much better than 1st and 2nd training class   | 4/19/2022 10:26 AM |
| 46 | Better than last year, good job   | 4/19/2022 10:01 AM |
| 47 | The interactive exercises were good.  | 4/18/2022 9:07 AM  |
| 48 | Really enjoyed learning about psychological safety  | 4/16/2022 5:06 PM  |
| 49 | Great energy, right amount of time spent  | 4/15/2022 3:15 PM  |
| 50 | Content was better than I expected, DEI being a newer academic field. Though the presentation felt more like a sales pitch for 'psychological safety,' which I think could have been better cemented using research, data, and statistics instead of platitudes | 4/13/2022 1:54 PM  |

## DEI Tier 3 Training--2022

|    |   |                    |
|----|---|--------------------|
| 51 | It was very relaxed and comfortable with some great exercises. Thank you  | 4/13/2022 12:16 PM |
| 52 | I enjoyed this conversation   | 4/13/2022 12:03 PM |
| 53 | Very productive conversation. Very interactive.   | 4/7/2022 4:55 PM   |
| 54 | Good content! Thanks for lunch!   | 4/6/2022 10:41 AM  |
| 55 | I didn't expect to talk about the things we did though. I assumed it would be more about stuff like gender, race, sexual orientation, ableism, etc. | 4/3/2022 5:12 PM   |
| 56 | A lot better in person than Zoom  | 3/31/2022 7:51 AM  |
| 57 | Informational   | 3/31/2022 7:47 AM  |
| 58 | Excellent material  | 3/31/2022 7:37 AM  |
| 59 | informative and free flowing  | 3/30/2022 3:32 PM  |
| 60 | This training was our best session to date  | 3/30/2022 2:06 PM  |
| 61 | I appreciated that there were interactive elements and lots of opportunity for the group to share their feelings and thoughts                       | 3/30/2022 10:39 AM |
| 62 | Seemed helpful!   | 3/30/2022 9:08 AM  |

## Q6 How engaged were you during the training?

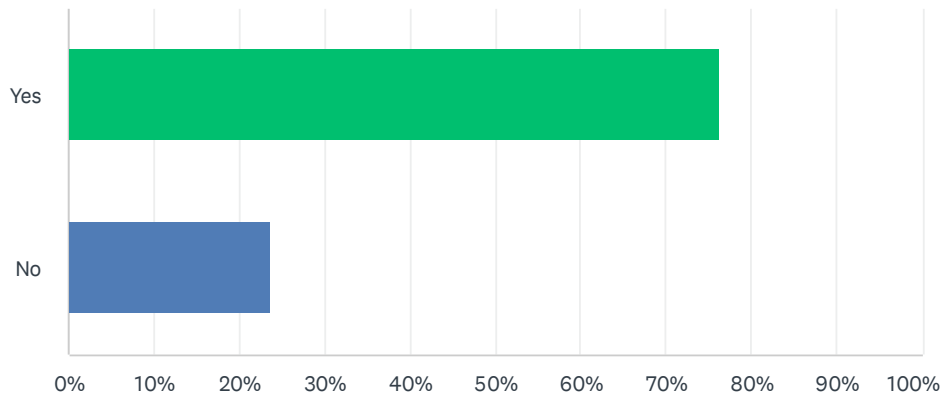
Answered: 215 Skipped: 0



| ANSWER CHOICES | RESPONSES |            |
|----------------|-----------|------------|
| A lot          | 64.19%    | 138        |
| A little       | 34.42%    | 74         |
| Not at all     | 1.40%     | 3          |
| <b>TOTAL</b>   |           | <b>215</b> |

## Q7 Did you learn anything new in the training?

Answered: 215 Skipped: 0



| ANSWER CHOICES | RESPONSES |     |
|----------------|-----------|-----|
| Yes            | 76.28%    | 164 |
| No             | 23.72%    | 51  |
| TOTAL          |           | 215 |

## Q8 If you answered YES to question #7 tell us what you learned.

Answered: 158 Skipped: 57

| #  | RESPONSES  | DATE               |
|----|--|--------------------|
| 1  | Just that other people go through similar dynamics in their positions as I do and we're all more alike than not alike.         | 5/9/2022 6:32 PM   |
| 2  | New perspective  | 5/4/2022 10:46 AM  |
| 3  | Different people   | 5/4/2022 10:46 AM  |
| 4  | Importance of having an open mind  | 5/4/2022 10:44 AM  |
| 5  | Think about others' situations   | 5/4/2022 10:43 AM  |
| 6  | Everything   | 5/4/2022 10:41 AM  |
| 7  | Good reminder of how to treat others   | 5/4/2022 10:39 AM  |
| 8  | I learned the new mission, vision and values of the Metroparks   | 5/4/2022 10:34 AM  |
| 9  | I learned about psychological safety   | 5/4/2022 10:31 AM  |
| 10 | How others may see something different than me   | 5/4/2022 10:30 AM  |
| 11 | Perspective  | 5/4/2022 10:23 AM  |
| 12 | More about my colleagues   | 5/4/2022 10:22 AM  |
| 13 | Grace! and perspective   | 5/4/2022 10:20 AM  |
| 14 | Be more open to other's ideas  | 5/4/2022 10:16 AM  |
| 15 | Differences  | 5/4/2022 10:15 AM  |
| 16 | Perspective  | 5/4/2022 10:13 AM  |
| 17 | Everyone has a different perspective   | 5/4/2022 10:11 AM  |
| 18 | Perspectives matter.   | 5/4/2022 10:09 AM  |
| 19 | What a psychologically safe environment means and how to create that for my workplace/coworkers                                | 5/4/2022 8:31 AM   |
| 20 | about respecting options, always knew but refreshing   | 5/4/2022 7:59 AM   |
| 21 | I lined the different perspective portion of the class.  | 4/30/2022 1:52 PM  |
| 22 | The concept of workplace psychological safety, its importance and how we go about building it together.                        | 4/30/2022 11:11 AM |
| 23 | Reflected on some personal characteristics and beliefs that I can improve upon/change that are applicable at work and in life. | 4/30/2022 11:09 AM |
| 24 | How to get along with people   | 4/30/2022 11:01 AM |
| 25 | Psychological safety and what it was. Importance of perspective every day.   | 4/30/2022 10:56 AM |
| 26 | How to understand that people have different perspectives  | 4/30/2022 10:54 AM |
| 27 | That psych safety is a term  | 4/30/2022 10:49 AM |
| 28 | In/Out exercise  | 4/30/2022 10:46 AM |
| 29 | Others shared my concerns with communication   | 4/30/2022 10:44 AM |
| 30 | That people are getting it.  | 4/28/2022 4:45 PM  |



## DEI Tier 3 Training--2022

|    |  |                    |
|----|--|--------------------|
| 31 | better understanding of perception   | 4/28/2022 4:39 PM  |
| 32 | That people are passive aggressive   | 4/28/2022 4:24 PM  |
| 33 | I learned that the Metropark system is on the leading edge of diversification training in the overall workforce                                  | 4/28/2022 2:52 PM  |
| 34 | How different perspectives make a team and organization unique and different. How the different perspectives give raise to a new look to things. | 4/27/2022 9:30 AM  |
| 35 | Psychological safety concepts  | 4/27/2022 8:52 AM  |
| 36 | I learned about strategies on how to better myself   | 4/27/2022 8:50 AM  |
| 37 | To look at different points of view  | 4/27/2022 8:49 AM  |
| 38 | To be more patient   | 4/27/2022 8:47 AM  |
| 39 | The importance of self-reflection  | 4/27/2022 8:46 AM  |
| 40 | Psychological safety- what it is and what is necessary to have it.   | 4/27/2022 8:45 AM  |
| 41 | I learned ways that I can be a better coworker   | 4/27/2022 8:44 AM  |
| 42 | It was nice to get to know more people within the park. It felt good to know that all of us just want to feel like we belong and we are heard.   | 4/26/2022 12:28 PM |
| 43 | -  | 4/26/2022 10:28 AM |
| 44 | Need to show more compassion and understanding   | 4/26/2022 10:27 AM |
| 45 | Perspective has many facets.   | 4/26/2022 10:25 AM |
| 46 | Respect goes a long way. "Thank you" works all the time  | 4/26/2022 10:24 AM |
| 47 | Being more intentional with "in"   | 4/26/2022 10:23 AM |
| 48 | The aspects of psychological safety was very interesting   | 4/26/2022 10:20 AM |
| 49 | Self awareness   | 4/26/2022 10:19 AM |
| 50 | Perspectives can be radically different  | 4/26/2022 10:15 AM |
| 51 | Learned more about the people we work with and how they make the Metroparks a better place :)  | 4/26/2022 10:13 AM |
| 52 | Everyone has different experiences at other parks  | 4/26/2022 10:11 AM |
| 53 | To be more positive/that I do matter   | 4/26/2022 10:09 AM |
| 54 | -  | 4/26/2022 10:08 AM |
| 55 | Self-analysis and what is good in the workplace, what is negative, and what I personally can do to change it.                                    | 4/26/2022 8:53 AM  |
| 56 | Perspective adjustment   | 4/26/2022 8:50 AM  |
| 57 | How to communicate better with coworkers   | 4/26/2022 8:37 AM  |
| 58 | To have different perspective with coworkers. Treat everyone fairly.   | 4/26/2022 8:35 AM  |
| 59 | Other people frequently have the same struggles that I do.   | 4/26/2022 8:33 AM  |
| 60 | How valued people felt when they realized the impact they have.  | 4/26/2022 8:32 AM  |
| 61 | To try and look inward and realize what I can improve on.  | 4/26/2022 8:23 AM  |
| 62 | To be patient and listen more. To see someone else's perspective.  | 4/26/2022 8:21 AM  |
| 63 | Humility   | 4/26/2022 8:20 AM  |
| 64 | That everyone has their own experiences and it's ok  | 4/25/2022 8:40 PM  |
| 65 | To be more of the solution, not the problem.   | 4/25/2022 8:11 PM  |

## DEI Tier 3 Training--2022

|    |  |                    |
|----|--|--------------------|
| 66 | I learned that everyone has scars from their workplace.  | 4/25/2022 3:18 PM  |
| 67 | That I'm not the only person who feels the hard to control desires to interrupt while they are talking. I never realized how many of us there are.   | 4/25/2022 1:00 PM  |
| 68 | I have many years of experience in the Metroparks. DEI always helps me to direct my focus not only the negative experiences, but taking a look at my past to reflect, learn and grow as a person.  | 4/25/2022 12:48 PM |
| 69 | To be proactive  | 4/25/2022 12:16 PM |
| 70 | You learn alot about everyone's thoughts and opinions coming from people of different ages and experiences.  | 4/25/2022 11:38 AM |
| 71 | Listen   | 4/25/2022 11:36 AM |
| 72 | Psychological safety   | 4/25/2022 11:34 AM |
| 73 | Perspectives on interrupters   | 4/25/2022 11:32 AM |
| 74 | More that interrupting issues are similar to mine  | 4/25/2022 11:29 AM |
| 75 | Perspectives (new)   | 4/25/2022 11:25 AM |
| 76 | Power of diversity   | 4/25/2022 11:24 AM |
| 77 | I learned what psychological safety practices look like in the workplace.  | 4/25/2022 11:17 AM |
| 78 | How to reflect better on issues with others  | 4/25/2022 11:15 AM |
| 79 | Be more considerate of others where you work   | 4/25/2022 11:13 AM |
| 80 | to be more conscious of how to create a psychologically safe work environment.   | 4/25/2022 11:13 AM |
| 81 | How to handle different situations   | 4/24/2022 8:47 PM  |
| 82 | I learned that there is an ongoing culture change at the metroparks.   | 4/24/2022 6:28 AM  |
| 83 | Refresh from some of training already done   | 4/22/2022 9:48 AM  |
| 84 | What DEI is and what psychological safety is   | 4/22/2022 9:46 AM  |
| 85 | In and Out was great and I found numerous situations I never thought about   | 4/22/2022 9:44 AM  |
| 86 | Inclusion  | 4/22/2022 9:41 AM  |
| 87 | How to be more open, ask questions, and how we don't always see things the same way.   | 4/22/2022 9:38 AM  |
| 88 | I learned to be BRAVE! Thank you! It was a fantastic opportunity to learn about my colleagues, their experiences, and their backgrounds. It made me feel more comfortable coming in as a new employee.   | 4/21/2022 4:46 PM  |
| 89 | It was a great class   | 4/21/2022 4:24 PM  |
| 90 | I learned about the differences of nice and kind and the concept of perspectives influence how we think/work/ and interact.  | 4/21/2022 11:38 AM |
| 91 | I learned how to look outside of my own experiences, history, and opinions to learn and help broaden the way I think about situations and how I respond to those situations. I also learned about psychological safety and what I can do to ensure my coworkers feel that safety in the workplace. | 4/21/2022 11:08 AM |
| 92 | New ways to approach situations  | 4/20/2022 5:20 PM  |
| 93 | That H.C.M.A. strives to provide a psychologically safe work environment.  | 4/20/2022 1:39 PM  |
| 94 | I learned about looking at things from a different perspective. Pretty enlightning.  | 4/19/2022 7:26 PM  |
| 95 | Rethinking pet peeves  | 4/19/2022 10:13 AM |
| 96 | -  | 4/19/2022 10:11 AM |
| 97 | How to be more observant of others' opinions   | 4/19/2022 10:10 AM |

## DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 98  | I learned who some new people were and heard perspectives I hadn't heard before  | 4/19/2022 10:09 AM |
| 99  | In/out and pet peeves  | 4/19/2022 10:07 AM |
| 100 | Learned a lot about the issues and how to solve them   | 4/19/2022 10:06 AM |
| 101 | -  | 4/19/2022 10:04 AM |
| 102 | Perspective  | 4/19/2022 10:03 AM |
| 103 | Different perspectives in the park   | 4/19/2022 10:01 AM |
| 104 | Different points   | 4/19/2022 9:59 AM  |
| 105 | To look at another's perspective, can see the same thing and look at things different.   | 4/19/2022 9:57 AM  |
| 106 | Psychological safety in the workplace  | 4/18/2022 9:08 AM  |
| 107 | I learned that everyone's mental health/comfort level can have a larger impact on workplace productivity than I expected.  | 4/17/2022 9:57 AM  |
| 108 | All about psychological safety and improvements that I and my team can make for a better work environment.   | 4/16/2022 5:07 PM  |
| 109 | To think more often about things from the other person's perspective   | 4/15/2022 3:16 PM  |
| 110 | That everyone carries scars in the workplace, no matter what you do they won't go away. Yet it's your choice on how you let them affect you.   | 4/14/2022 1:09 PM  |
| 111 | Learned about a well efficient psychological safe space at work should consist of  | 4/14/2022 1:06 PM  |
| 112 | Psychological Safety practices and the negative/positive components of those practices.  | 4/14/2022 8:15 AM  |
| 113 | I learned that DEI views personal communications as stemming from an emotional, feelings-based perspective. However I'm not convinced your work place is an appropriate setting to asses the emotional needs of others, or to push your emotional needs onto those around you, when emotional maintenance really falls under your personal responsibility. (And we're told not to assume the state of others.) Maintaining positive self image and confidence comes from within, and an adult should feel comfortable to be themselves no matter where they are. My personal emotional maintenance is not the work of others, and vice versa. If someone has insecurity or inadequacy issues, they should work on building confidence—not my job to build confidence for them or validate them. They need to do that themselves. You have to adapt to the world. It is cruel and will not adapt to your personal vision of yourself. | 4/13/2022 2:05 PM  |
| 114 | I did not know that psychological safety was considered part of Diversity, Equity and Inclusion.   | 4/13/2022 1:53 PM  |
| 115 | Not to assume the reason why a person is acting a certain way or having a specific attitude. There could always be more going on than what you are aware of.   | 4/13/2022 1:10 PM  |
| 116 | I was unaware of the term psychological safety   | 4/13/2022 12:39 PM |
| 117 | I always love hearing others perspectives on situations. It opens my mind and allows for learning.   | 4/13/2022 12:17 PM |
| 118 | I had never heard of Psychological Safety. I realized I have been in psychologically safe and unsafe situations in the past. Now it has a name.  | 4/13/2022 12:05 PM |
| 119 | I met Metroparks coworkers that I would not have had the opportunity to otherwise meet; I learned about their roles in the system and also about their unique perspectives about how we interact with each other.  | 4/11/2022 9:40 AM  |
| 120 | How to think about all possible reasons.   | 4/7/2022 6:18 PM   |
| 121 | Peoples Perspectives are often different   | 4/7/2022 4:56 PM   |
| 122 | Deeper knowledge on perspectives   | 4/6/2022 1:34 PM   |
| 123 | Be more open and attentive   | 4/6/2022 10:42 AM  |
| 124 | Psych safety importance  | 4/6/2022 10:41 AM  |
| 125 | Phycological safety tips   | 4/5/2022 8:51 PM   |

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|     |  |                    |
|-----|--|--------------------|
| 126 | YOU CAN ONLY RELY ON YOURSELF  | 4/5/2022 5:48 PM   |
| 127 | I learned how to help others feel psychologically safe in the workplace. I learned how to encourage others to share their opinions and ideas, and what type of environment helps facilitate the best work culture.   | 4/5/2022 3:43 PM   |
| 128 | It was nice to learn more about the other departments  | 4/5/2022 12:31 PM  |
| 129 | The sharing of thoughts and ideas to improve visitors experience and HCMA leadership support.  | 4/5/2022 10:58 AM  |
| 130 | Encouraging others.  | 4/5/2022 10:28 AM  |
| 131 | I don't know about new things but it reinforced some concepts that I new out of the park setting   | 4/5/2022 9:57 AM   |
| 132 | Importance of taking new perspectives  | 4/5/2022 9:28 AM   |
| 133 | That everyone perceives things differently   | 4/5/2022 6:52 AM   |
| 134 | I learned ways to make the work place safe for myself and my coworkers. Psychological safety is important for every work environment; making others feel included, where we can all learn from each other. Making sure everyone feels safe to contribute their idea and feelings without judgement or harassment. Also creating a space where employees feel confident to express new ideas they can offer, even if it means change. Creating these safe places should support employees to feel encouraged to hold open discussions knowing that there is respect for their contributions. That these ideas and contributions will be received well; even if there is some discussion or disagreements. Communication is always important for these ideas and feelings with psychological safety. Employees need to feel heard, feel respected, and encouraged to take risks. | 4/4/2022 10:52 AM  |
| 135 | I liked the perspectives part  | 3/31/2022 12:19 PM |
| 136 | Shared ideas help everyone   | 3/31/2022 12:17 PM |
| 137 | It is ok to ask "why?"   | 3/31/2022 7:49 AM  |
| 138 | Everyone has their own life going on   | 3/31/2022 7:47 AM  |
| 139 | I learned that everyone has their own thing going on and be patient with them  | 3/31/2022 7:45 AM  |
| 140 | To listen better   | 3/31/2022 7:44 AM  |
| 141 | Skills to navigate work environment  | 3/31/2022 7:42 AM  |
| 142 | About perspectives   | 3/31/2022 7:40 AM  |
| 143 | Psychological safety   | 3/31/2022 7:38 AM  |
| 144 | Overall everyone is happy to be a Metropark employee. but, all have similar issues, concerns, complaints.  | 3/31/2022 6:58 AM  |
| 145 | Psychological safety and its meaning   | 3/30/2022 3:32 PM  |
| 146 | One big takeaway from this training is that everyone has their own perspective and it may be hard to see the other side, but we all have to do our best to recognize the other side and that there is always another way to view things.   | 3/30/2022 2:08 PM  |
| 147 | I was able to have some really good conversations with people from all over the parks that I don't get to see or talk to very often. It was helpful to hear other perspectives and the main concerns/frustrations of fellow employees.   | 3/30/2022 2:02 PM  |
| 148 | thinking more about the other side of things, especially when it comes to psychological safety and pet peeves  | 3/30/2022 11:30 AM |
| 149 | Psychological safety   | 3/30/2022 10:49 AM |
| 150 | I learned a lot about other people and the roles they play in the metroparks. Other departments can be pretty opaque due to lack of cross-talk, so it was nice to hear others talk about their department/job in their own words.  | 3/30/2022 10:40 AM |
| 151 | The need to communicate  | 3/30/2022 9:16 AM  |

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|     |  |                    |
|-----|--|--------------------|
| 152 | To look more at some one else's perspective  | 3/30/2022 9:15 AM  |
| 153 | Different perspectives   | 3/30/2022 9:11 AM  |
| 154 | The perspectives part was interesting. Good to think outside of yourself                               | 3/30/2022 9:08 AM  |
| 155 | New topics like how to make a new employee feel psychologically safe in a new or uncomfortable setting | 3/30/2022 9:08 AM  |
| 156 | The perspective segment was informative.   | 3/29/2022 2:09 PM  |
| 157 | To be more aware of perspective  | 3/29/2022 12:01 PM |
| 158 | EVERYONE SEES THINGS DIFFERENTLY AND YOU HAVE TO LISTEN.   | 3/29/2022 11:52 AM |

## Q9 If you answered NO to question #7, please tell us why.

Answered: 48 Skipped: 167

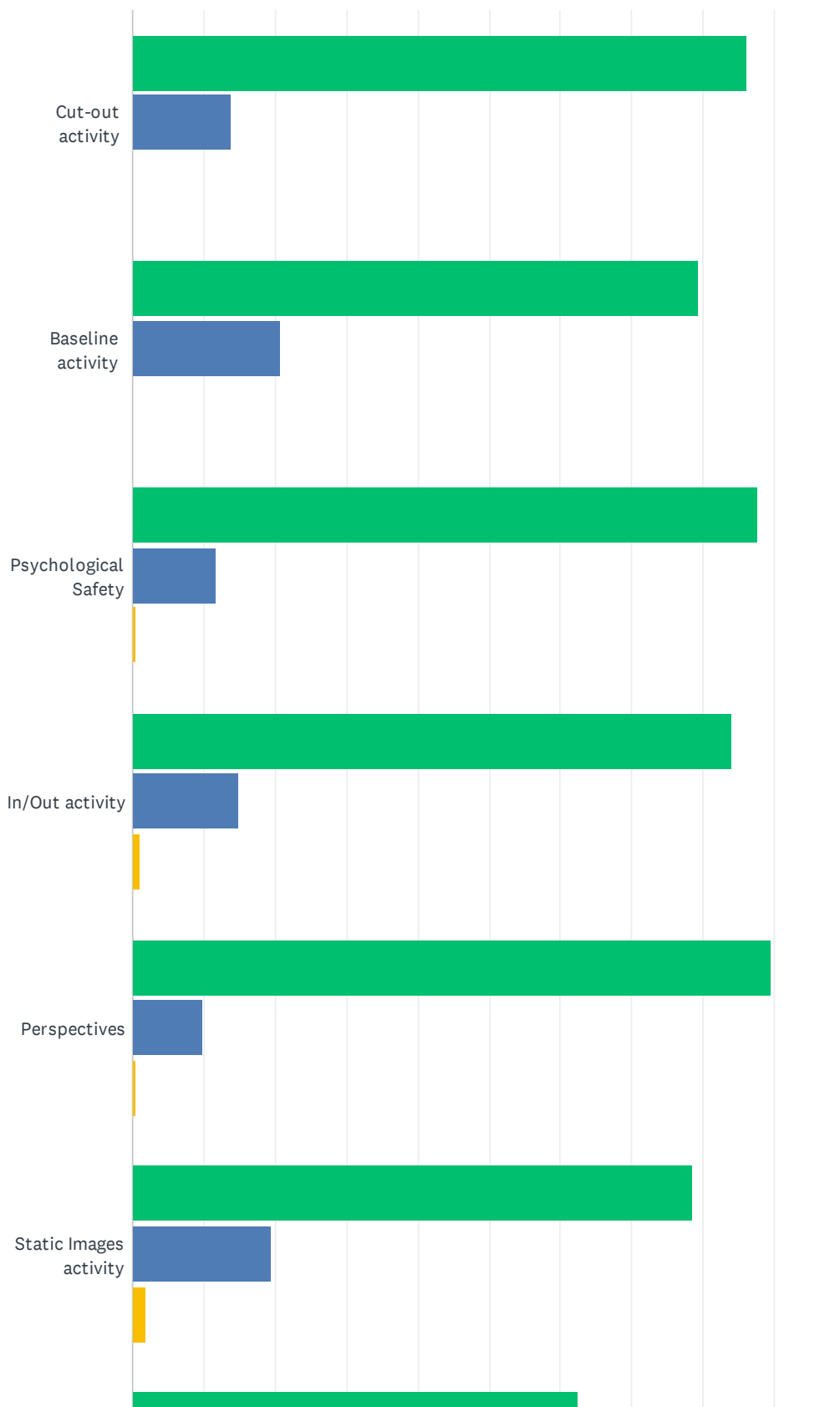
| #  | RESPONSES   | DATE               |
|----|---|--------------------|
| 1  | Did not complete this page (questions #6-9)   | 5/4/2022 11:16 AM  |
| 2  | Have been a part of other self building classes   | 5/4/2022 10:42 AM  |
| 3  | All it told me was how to be nice to people, I know how to be nice.   | 5/4/2022 10:37 AM  |
| 4  | We complain a lot about valid issues but nothing is ever done!  | 5/4/2022 10:35 AM  |
| 5  | 10 years with Best Buy...more diversity training than you can imagine   | 5/4/2022 10:28 AM  |
| 6  | did not fill out this page (questions 6-9)  | 5/4/2022 10:27 AM  |
| 7  | Sort of self-explanatory, but good to hear  | 5/4/2022 10:21 AM  |
| 8  | Much I considered to be self-evident.   | 5/4/2022 10:17 AM  |
| 9  | I understood most of these principles   | 5/4/2022 10:08 AM  |
| 10 | I thought it was common sense, maybe some of it isn't common sense though.  | 4/30/2022 11:07 AM |
| 11 | Waste of time   | 4/30/2022 11:05 AM |
| 12 | I am too smart and already know everything ever   | 4/30/2022 11:03 AM |
| 13 | but it was nice to connect on relatable topics  | 4/30/2022 11:00 AM |
| 14 | Just mostly went over common sense concepts   | 4/30/2022 10:58 AM |
| 15 | i have had similar trainings for school   | 4/29/2022 3:04 PM  |
| 16 | The content included really just seemed like a 'how not to be a bad coworker 101" class which is very basic info. I understand it's importance to the Metroparks but I personally learned nothing new DEI wise. | 4/29/2022 2:31 PM  |
| 17 | I felt it repeated a lot of information that was given to us during training videos.  | 4/28/2022 10:50 AM |
| 18 | I already had knowledge about the topics discussed in the session.  | 4/28/2022 10:48 AM |
| 19 | Topics i have heard before  | 4/28/2022 8:18 AM  |
| 20 | Life experience and so. many. trainings.  | 4/27/2022 8:54 AM  |
| 21 | Not sure. Seems like I had this training in the past  | 4/26/2022 10:22 AM |
| 22 | If you're a good person, you should know most of it.  | 4/26/2022 10:16 AM |
| 23 | Nice to see lots of happy faces, but didn't accomplish much   | 4/26/2022 10:07 AM |
| 24 | Read about this topic previously in an HR publication   | 4/26/2022 8:39 AM  |
| 25 | I've had similar courses at previous jobs.  | 4/26/2022 8:30 AM  |
| 26 | Not new ideas, but it was nice to discuss psychological concepts in the workplace.  | 4/26/2022 8:27 AM  |
| 27 | DEI content was similar to things I learned in psychology and HR classes  | 4/25/2022 8:53 PM  |
| 28 | Took a class already  | 4/25/2022 11:31 AM |
| 29 | A lot of the info was previously learned in other forms at other jobs.  | 4/25/2022 11:22 AM |
| 30 | A lot of this is common knowledge both through experience and school.   | 4/25/2022 11:20 AM |
| 31 | I've done similar training.   | 4/21/2022 11:39 AM |

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|    |  |                    |
|----|--|--------------------|
| 32 | I pretty much understand all of the issues discussed and the individual problems that each employee is confronted with. After 17 years working for the HCMA I pretty much have seen and heard it all.  | 4/21/2022 11:19 AM |
| 33 | Topics were similar to other training I've attended.   | 4/21/2022 6:45 AM  |
| 34 | It was more of an introductory course on psychological safety. There's nothing wrong with that, but since I was already pretty familiar with the topic going in, I can't think of anything that stands out as something new that I learned during the training. Still nice to get together and meet some new people, though.   | 4/20/2022 7:23 PM  |
| 35 | It wasn't new to me.   | 4/20/2022 3:22 PM  |
| 36 | Did not fill out this page of the survey   | 4/19/2022 10:26 AM |
| 37 | A lot of this is just common sense in treating everyone with respect and being open to others.   | 4/18/2022 2:50 PM  |
| 38 | A lot of this stuff is things I've already learned on the internet   | 4/14/2022 1:21 PM  |
| 39 | Not sure   | 4/13/2022 12:07 PM |
| 40 | It all sounded like information I have heard or learned before   | 4/6/2022 3:26 PM   |
| 41 | In my almost 40 yrs of work experience (in several different types of jobs) I've always taken the "do unto others, as you'd like done to you" approach to all people. I think this out look is just part of my nature and how I was raised. I understand that there are many closed minded folks out there and hope whoever they are, absorbed and will put into practice, what you ladies presented. It was good information... | 4/6/2022 8:09 AM   |
| 42 | I feel like this tier had a lot of things that are common sense.   | 4/3/2022 5:12 PM   |
| 43 | Seems the same and common sense.   | 4/2/2022 3:19 PM   |
| 44 | I wouldn't say I learned anything but got to think about other perspectives  | 3/31/2022 7:52 AM  |
| 45 | Things discussed did not train or teach new thoughts or processes in my opinion.   | 3/30/2022 9:26 AM  |
| 46 | I think it is more understood these days that everyone needs to be respected for their differences. This is still great to talk about, but necessarily "new."  | 3/30/2022 9:19 AM  |
| 47 | Did not write anything here, just had a "?" in previous question.  | 3/30/2022 9:04 AM  |
| 48 | Majority of topics are common sense. It is the way people see events that distinguish how they will respond. Just because it is correct in your view, doesn't mean it is correct in my view.   | 3/29/2022 1:04 PM  |

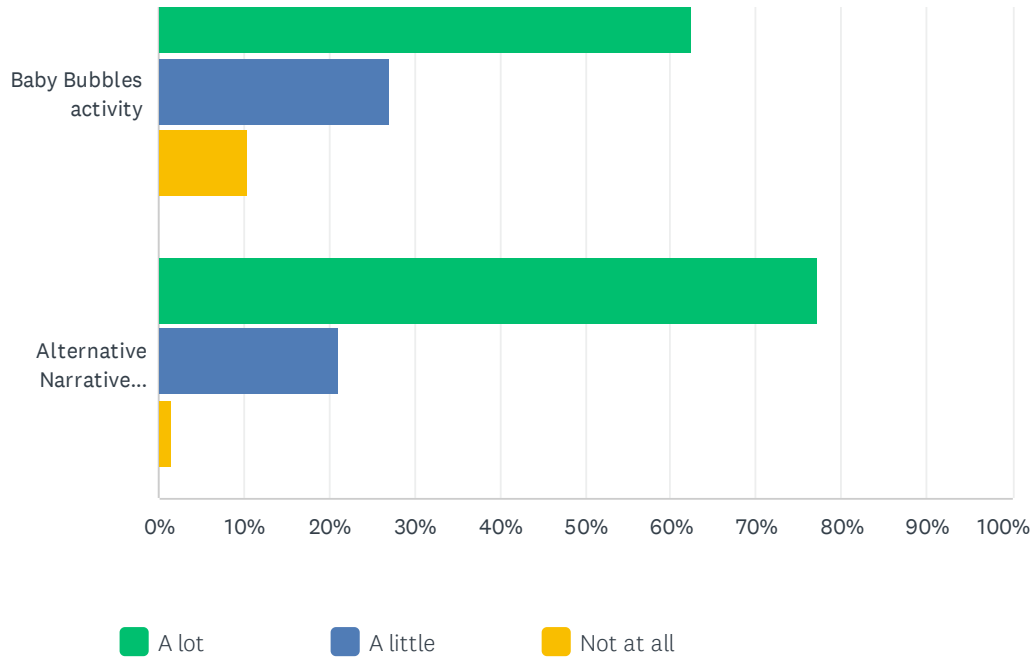
# Q10 How well do you understand the concepts covered in training?

Answered: 206 Skipped: 9





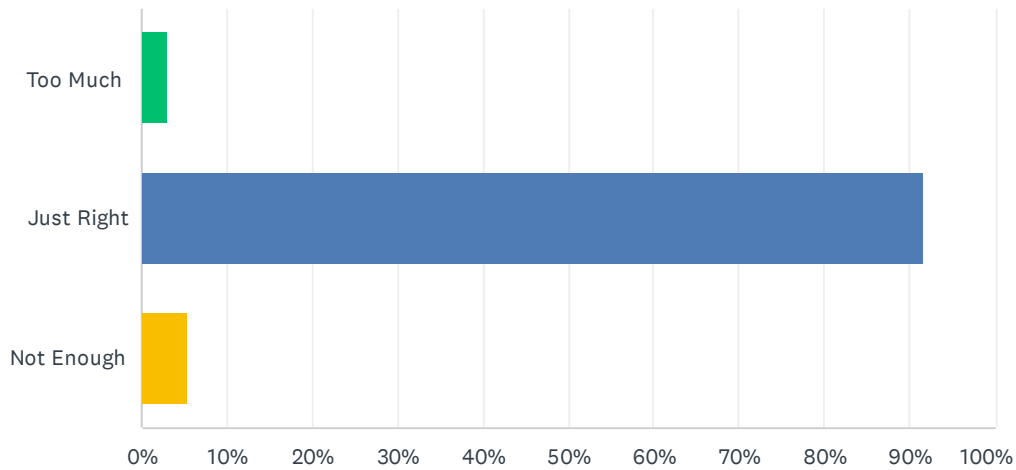
## DEI Tier 3 Training--2022



|                                | A LOT         | A LITTLE     | NOT AT ALL  | TOTAL |
|--------------------------------|---------------|--------------|-------------|-------|
| Cut-out activity               | 86.21%<br>175 | 13.79%<br>28 | 0.00%<br>0  | 203   |
| Baseline activity              | 79.29%<br>157 | 20.71%<br>41 | 0.00%<br>0  | 198   |
| Psychological Safety           | 87.68%<br>178 | 11.82%<br>24 | 0.49%<br>1  | 203   |
| In/Out activity                | 84.08%<br>169 | 14.93%<br>30 | 1.00%<br>2  | 201   |
| Perspectives                   | 89.60%<br>181 | 9.90%<br>20  | 0.50%<br>1  | 202   |
| Static Images activity         | 78.50%<br>157 | 19.50%<br>39 | 2.00%<br>4  | 200   |
| Baby Bubbles activity          | 62.50%<br>30  | 27.08%<br>13 | 10.42%<br>5 | 48    |
| Alternative Narrative activity | 77.27%<br>153 | 21.21%<br>42 | 1.52%<br>3  | 198   |

## Q11 Do you feel the information provided was...

Answered: 206 Skipped: 9



| ANSWER CHOICES | RESPONSES  |
|----------------|------------|
| Too Much       | 2.91% 6    |
| Just Right     | 91.75% 189 |
| Not Enough     | 5.34% 11   |
| <b>TOTAL</b>   | <b>206</b> |

| #  | COMMENTS   | DATE               |
|----|--|--------------------|
| 1  | Really well presented  | 5/4/2022 10:39 AM  |
| 2  | Perfect length of time   | 5/4/2022 10:29 AM  |
| 3  | did not answer this question   | 5/4/2022 10:16 AM  |
| 4  | did not answer this question   | 5/4/2022 10:15 AM  |
| 5  | They included, listened and offered great feedback   | 5/4/2022 10:10 AM  |
| 6  | I expected the session to feel long/dragged out but it was balanced and with just the right amount of info   | 5/4/2022 8:33 AM   |
| 7  | Not too long on any one topic, kept the pace moving, had snacks/food and breaks  | 4/30/2022 11:14 AM |
| 8  | Way too long, meant nothing to me  | 4/30/2022 11:06 AM |
| 9  | No talk about bias   | 4/30/2022 10:50 AM |
| 10 | just a little.   | 4/28/2022 4:42 PM  |
| 11 | I've been in the workforce for over 57 years so I've been exposed to a lot of these concepts but I do see were these would be very helpful to people that have never been exposed to this type of training And it never hurts to be reminded of some of the basic considerations of being a positive person and employee | 4/28/2022 2:58 PM  |
| 12 | I think it was delivered extremely well!   | 4/27/2022 8:45 AM  |
| 13 | Keep it coming :) I am grateful for all the work your team has put into DEI :)   | 4/26/2022 12:31 PM |

## DEI Tier 3 Training--2022

|    |  |                    |
|----|--|--------------------|
| 14 | did not answer this question   | 4/26/2022 10:07 AM |
| 15 | Great, perfect amount!   | 4/26/2022 8:56 AM  |
| 16 | I enjoyed the program. I like the way it had a positive flow-never boring or distracting.  | 4/26/2022 8:37 AM  |
| 17 | Nothing made me uncomfortable in any way.  | 4/26/2022 8:24 AM  |
| 18 | Maybe was about 15 minutes too long.   | 4/25/2022 8:17 PM  |
| 19 | Class length was just right and not too long.  | 4/25/2022 11:45 AM |
| 20 | It went over the good basics and it's a good course  | 4/25/2022 11:21 AM |
| 21 | Introduced enough info to keep us engaged but not enough to overload   | 4/25/2022 11:18 AM |
| 22 | did not fill out   | 4/22/2022 9:44 AM  |
| 23 | Program was more than just Black and White, it was about everyone. Thank you   | 4/22/2022 9:42 AM  |
| 24 | Good topics that we have more to work on for our culture.  | 4/21/2022 11:45 AM |
| 25 | It was good to have a comparatively small batch of topics and they connected well with each other.   | 4/21/2022 11:42 AM |
| 26 | Just the right amount of time was spent, wasn't as long as past sessions.  | 4/19/2022 7:29 PM  |
| 27 | Great speakers   | 4/19/2022 9:58 AM  |
| 28 | Not overwhelming, but still engaging.  | 4/16/2022 5:08 PM  |
| 29 | The information was presented well. I liked the use of the activities so it did not feel we were just talked at. Gave us time to interact well with the others at our tables.  | 4/4/2022 11:14 AM  |
| 30 | I just feel like it was common sense.  | 4/3/2022 5:13 PM   |
| 31 | It was actually very engaging  | 3/31/2022 7:53 AM  |
| 32 | Covered the topics that was outlined in a way that made you aware, and not just delivered information  | 3/31/2022 7:07 AM  |
| 33 | I would like to have had more informational exchange. Not a "tell all" but more cross talk. We workers understood what was being said but I do not believe management hears.   | 3/30/2022 3:53 PM  |
| 34 | N/A  | 3/30/2022 2:13 PM  |
| 35 | I think there could have been a bit more discussion about why we did the baby bubbles activity (I think we were supposed to see that everyone would caption differently to show different perspectives?). Doing this right after the static images activity felt a bit redundant. Similarly, I felt like the baseline activity where we wrote our name, job, and how we contribute could have been the intro/ice breaker. I feel like these changes would have left a bit more time to talk about another topic or could be held as flex time in case the group struggled with a certain activity/topic. | 3/30/2022 10:53 AM |
| 36 | A lot of information for one class, to long.   | 3/30/2022 10:52 AM |
| 37 | Good   | 3/30/2022 9:17 AM  |
| 38 | Cultural perspectives  | 3/30/2022 9:05 AM  |

## Q12 If you could change anything about the training, what would it be?

Answered: 206 Skipped: 9

| #  | RESPONSES   | DATE               |
|----|---|--------------------|
| 1  | I wish sometimes that we could all attend the training together as a crew, like our entire crew would be there at the same time so that we can hear what each other has to say. | 5/9/2022 6:33 PM   |
| 2  | Do it at home park  | 5/4/2022 11:16 AM  |
| 3  | timing-in the parks we are trying to get ready for the season   | 5/4/2022 10:47 AM  |
| 4  | Do it at Kensington   | 5/4/2022 10:46 AM  |
| 5  | Better screen projector   | 5/4/2022 10:45 AM  |
| 6  | -   | 5/4/2022 10:44 AM  |
| 7  | It was all good   | 5/4/2022 10:43 AM  |
| 8  | Better food   | 5/4/2022 10:41 AM  |
| 9  | NA  | 5/4/2022 10:39 AM  |
| 10 | I don't think making people talk helps with DEI training, so less forcing people to talk  | 5/4/2022 10:38 AM  |
| 11 | Closer to Willow  | 5/4/2022 10:36 AM  |
| 12 | I might actually make the groups a little larger for more perspective   | 5/4/2022 10:34 AM  |
| 13 | I wouldn't change much  | 5/4/2022 10:32 AM  |
| 14 | N/A   | 5/4/2022 10:30 AM  |
| 15 | -   | 5/4/2022 10:29 AM  |
| 16 | -   | 5/4/2022 10:27 AM  |
| 17 | Meeting place. I had trouble hearing  | 5/4/2022 10:24 AM  |
| 18 | -   | 5/4/2022 10:23 AM  |
| 19 | -   | 5/4/2022 10:21 AM  |
| 20 | -   | 5/4/2022 10:20 AM  |
| 21 | Improve background color of screen and increase boldness of lettering   | 5/4/2022 10:19 AM  |
| 22 | -   | 5/4/2022 10:16 AM  |
| 23 | -   | 5/4/2022 10:15 AM  |
| 24 | Even more activity  | 5/4/2022 10:13 AM  |
| 25 | -   | 5/4/2022 10:12 AM  |
| 26 | -   | 5/4/2022 10:10 AM  |
| 27 | -   | 5/4/2022 10:08 AM  |
| 28 | Maybe have at least one session with managers intertwined   | 5/4/2022 8:33 AM   |
| 29 | nothing   | 5/4/2022 8:00 AM   |
| 30 | Change the material so not to present the same next year.   | 4/30/2022 1:54 PM  |
| 31 | Go the full length until 12. I feel like I was just getting comfortable in the space.   | 4/30/2022 11:14 AM |
| 32 | -   | 4/30/2022 11:10 AM |

DEI Tier 3 Training--2022

|    |   |                    |
|----|---|--------------------|
| 33 | -   | 4/30/2022 11:07 AM |
| 34 | More food, less talk  | 4/30/2022 11:06 AM |
| 35 | Make it at Hudson Mills   | 4/30/2022 11:04 AM |
| 36 | -   | 4/30/2022 11:02 AM |
| 37 | -   | 4/30/2022 11:00 AM |
| 38 | Make it online, as in a video course  | 4/30/2022 10:59 AM |
| 39 | Include upper management in training. Most issues don't seem to stem from coworkers   | 4/30/2022 10:57 AM |
| 40 | Talk more about perspectives and give more examples that apply to the job   | 4/30/2022 10:54 AM |
| 41 | N/A   | 4/30/2022 10:50 AM |
| 42 | Be in a more diverse group, same race/gender  | 4/30/2022 10:48 AM |
| 43 | Not much  | 4/30/2022 10:45 AM |
| 44 | I like the concept that a healthy work environment starts with the employees and coworkers. I agree that is part of it, but ultimately our supervisors are the ones who really determine our work environment. I do not think that was reflected enough in the training. I think it would be beneficial if they did these trainings side-by-side with all their employees. The training may be more productive if it is all within one park instead of all of them. | 4/29/2022 3:10 PM  |
| 45 | Mix in supervisors with general employees.  | 4/29/2022 2:41 PM  |
| 46 | A room with less echo. And encouraging people to speak up to everyone.  | 4/28/2022 4:53 PM  |
| 47 | not really  | 4/28/2022 4:42 PM  |
| 48 | nothing it was ok   | 4/28/2022 4:25 PM  |
| 49 | I thought it was fine   | 4/28/2022 2:58 PM  |
| 50 | Meet with management for constructive conversation about diversity  | 4/28/2022 10:52 AM |
| 51 | Less slides, more activities and discussions  | 4/28/2022 10:50 AM |
| 52 | Nothing   | 4/28/2022 8:20 AM  |
| 53 | Nothing   | 4/27/2022 9:31 AM  |
| 54 | all great   | 4/27/2022 8:54 AM  |
| 55 | Nothing   | 4/27/2022 8:52 AM  |
| 56 | Perhaps a more appealing room   | 4/27/2022 8:51 AM  |
| 57 | None  | 4/27/2022 8:49 AM  |
| 58 | -   | 4/27/2022 8:48 AM  |
| 59 | Nothing   | 4/27/2022 8:47 AM  |
| 60 | More group activities   | 4/27/2022 8:46 AM  |
| 61 | -   | 4/27/2022 8:45 AM  |
| 62 | To have more training so it's always fresh in everyone's minds. Maybe a couple in person and a couple virtual. Maybe that's too much?   | 4/26/2022 12:31 PM |
| 63 | -   | 4/26/2022 10:28 AM |
| 64 | -   | 4/26/2022 10:27 AM |
| 65 | More on perspective. It's the foundation of so much/  | 4/26/2022 10:26 AM |
| 66 | Nothing   | 4/26/2022 10:25 AM |
| 67 | -   | 4/26/2022 10:23 AM |

DEI Tier 3 Training--2022

|     |   |                    |
|-----|---|--------------------|
| 68  | -   | 4/26/2022 10:22 AM |
| 69  | I enjoyed it  | 4/26/2022 10:21 AM |
| 70  | Nothing   | 4/26/2022 10:19 AM |
| 71  | Wouldn't change much. They do a wonderful job-very thorough   | 4/26/2022 10:17 AM |
| 72  | -   | 4/26/2022 10:15 AM |
| 73  | I think if you gave an agenda/what people can expect to learn/practice on for each session, there'd be less restriction and nerves about attending.   | 4/26/2022 10:14 AM |
| 74  | Nothing   | 4/26/2022 10:11 AM |
| 75  | N/A   | 4/26/2022 10:10 AM |
| 76  | -   | 4/26/2022 10:09 AM |
| 77  | -   | 4/26/2022 10:07 AM |
| 78  | Follow up on person's specific needs  | 4/26/2022 8:56 AM  |
| 79  | -   | 4/26/2022 8:51 AM  |
| 80  | Option for participation for those not comfortable with public speaking   | 4/26/2022 8:39 AM  |
| 81  | -   | 4/26/2022 8:38 AM  |
| 82  | Nothing   | 4/26/2022 8:37 AM  |
| 83  | Change the cutout activity  | 4/26/2022 8:34 AM  |
| 84  | It was all good   | 4/26/2022 8:32 AM  |
| 85  | -   | 4/26/2022 8:31 AM  |
| 86  | I think the training was just right. There was a nice flow between the presenters and audience.   | 4/26/2022 8:28 AM  |
| 87  | Make sure groups are constructive   | 4/26/2022 8:24 AM  |
| 88  | -   | 4/26/2022 8:22 AM  |
| 89  | Concern   | 4/26/2022 8:20 AM  |
| 90  | Less sharing. Or if sharing so much is kept, make it less repetitive (stating names and positions multiple times). Also would love to have to see more facts and statistics in comparison to our own workplace. | 4/25/2022 8:59 PM  |
| 91  | I don't think you should change anything  | 4/25/2022 8:42 PM  |
| 92  | Shorten it. Too many group activities.  | 4/25/2022 8:17 PM  |
| 93  | I wish I could have interacted with more people I work with on a daily basis. Talking about these issues as a team would help us with our interpersonal communication on the job.                               | 4/25/2022 3:30 PM  |
| 94  | I would like more.  | 4/25/2022 1:03 PM  |
| 95  | I'm always looking for more ways to better myself in my understanding of DEI  | 4/25/2022 12:52 PM |
| 96  | Nothing   | 4/25/2022 12:19 PM |
| 97  | Some people are reluctant to stand up in front of a group and this could be more of a volunteer basis.  | 4/25/2022 11:45 AM |
| 98  | -   | 4/25/2022 11:36 AM |
| 99  | Greater emphasis on mental health burnout   | 4/25/2022 11:35 AM |
| 100 | Not so early in the morning   | 4/25/2022 11:33 AM |
| 101 | NA  | 4/25/2022 11:31 AM |
| 102 | N/A   | 4/25/2022 11:29 AM |

DEI Tier 3 Training--2022

|     |   |                    |
|-----|---|--------------------|
| 103 | Nothing   | 4/25/2022 11:26 AM |
| 104 | No  | 4/25/2022 11:24 AM |
| 105 | No changes  | 4/25/2022 11:23 AM |
| 106 | Not much, you guys tried hard including us and making it fun as can be.   | 4/25/2022 11:21 AM |
| 107 | N/A   | 4/25/2022 11:18 AM |
| 108 | N/A   | 4/25/2022 11:16 AM |
| 109 | nothing   | 4/25/2022 11:14 AM |
| 110 | Everything was perfect  | 4/25/2022 11:13 AM |
| 111 | I was confused about some things mentioned since this was my first session.   | 4/24/2022 8:50 PM  |
| 112 | Nothing   | 4/24/2022 6:30 AM  |
| 113 | Well done!  | 4/22/2022 9:48 AM  |
| 114 | Nothing   | 4/22/2022 9:47 AM  |
| 115 | -   | 4/22/2022 9:44 AM  |
| 116 | Nothing-just right  | 4/22/2022 9:42 AM  |
| 117 | I loved the training all of it  | 4/22/2022 9:39 AM  |
| 118 | I wouldn't change anything.   | 4/21/2022 4:52 PM  |
| 119 | nothing   | 4/21/2022 4:25 PM  |
| 120 | Virtual option.   | 4/21/2022 11:45 AM |
| 121 | Not too much. Maybe move groups around a bit more.  | 4/21/2022 11:42 AM |
| 122 | Centrally locate. Too much driving.   | 4/21/2022 11:30 AM |
| 123 | I wouldn't change anything about the training- it was great!  | 4/21/2022 11:09 AM |
| 124 | Nothing   | 4/21/2022 6:46 AM  |
| 125 | Some of the activities seemed a little juvenile. Are there ways to teach these concepts with a greater sense of respect for the age and experience of the participants? | 4/20/2022 7:37 PM  |
| 126 | Training was good all around  | 4/20/2022 5:21 PM  |
| 127 | Nothing   | 4/20/2022 3:23 PM  |
| 128 | I wouldn't change anything. I appreciated the breakfast and beverages provided after a long drive to get there! It was casual and fun.                                  | 4/20/2022 1:42 PM  |
| 129 | All the training should be kept to a max of 2.5 hours to keep people engaged.   | 4/19/2022 7:29 PM  |
| 130 | Do it at home park  | 4/19/2022 10:26 AM |
| 131 | More discussion   | 4/19/2022 10:13 AM |
| 132 | Just fine   | 4/19/2022 10:12 AM |
| 133 | -   | 4/19/2022 10:10 AM |
| 134 | -   | 4/19/2022 10:09 AM |
| 135 | I enjoyed it better than last year  | 4/19/2022 10:08 AM |
| 136 | N/A   | 4/19/2022 10:06 AM |
| 137 | -   | 4/19/2022 10:05 AM |
| 138 | -   | 4/19/2022 10:03 AM |
| 139 | This was good, glad no one has to feel called out in any way  | 4/19/2022 10:02 AM |

DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 140 | ?  | 4/19/2022 10:00 AM |
| 141 | Nothing  | 4/19/2022 9:58 AM  |
| 142 | Nothing  | 4/18/2022 2:51 PM  |
| 143 | n/a  | 4/18/2022 9:10 AM  |
| 144 | Add another activity at the beginning (not necessarily related to the training) to help everyone from different parks/departments at the table to get to know each other a little bit.   | 4/17/2022 10:01 AM |
| 145 | I think the training went well as is.  | 4/16/2022 5:08 PM  |
| 146 | Better visibility of the projected screen  | 4/15/2022 3:17 PM  |
| 147 | During the section on ripping the doll they went on to say they wanted us to move forward and heal from these experiences, but it completely disregards the fact that some of these bad experiences are ongoing. You can't heal if the knife is still lodged in the wound.   | 4/14/2022 1:24 PM  |
| 148 | Nothing  | 4/14/2022 1:12 PM  |
| 149 | Nothing  | 4/14/2022 1:12 PM  |
| 150 | Can't think of anything  | 4/14/2022 8:22 AM  |
| 151 | Jump off the cliff from theory and back up DEI claims with research, data, and statistics. Hypotheticals and anecdotes or sales pitches don't solidify a new or changing concept. Being a new field of study, it seems like DEI doesn't have a foundational ground to stand on when it makes broad claims about human psychology | 4/13/2022 2:09 PM  |
| 152 | I don't have any changes to suggest  | 4/13/2022 1:55 PM  |
| 153 | n/a  | 4/13/2022 1:12 PM  |
| 154 | It would have been fun to see more room engaging conversations similar to the discussion during the Alternative Narrative activity   | 4/13/2022 12:55 PM |
| 155 | Training at our home parks as it is hard to take so much travel time away from the week. But.....I understand why you do it the way you do.  | 4/13/2022 12:22 PM |
| 156 | I don't have any suggestions for change.   | 4/13/2022 12:10 PM |
| 157 | Not sure   | 4/13/2022 12:08 PM |
| 158 | It could have been a little longer to fully develop some of the themes. I think 1/2 hour to 45 minutes longer would have felt sufficient.  | 4/11/2022 9:43 AM  |
| 159 | Location   | 4/7/2022 6:20 PM   |
| 160 | Nothing I can think of.  | 4/7/2022 5:00 PM   |
| 161 | I thought it was fine  | 4/6/2022 3:28 PM   |
| 162 | I liked it the way it was no political stuff no race stuff   | 4/6/2022 1:36 PM   |
| 163 | -  | 4/6/2022 10:43 AM  |
| 164 | Everything went well!  | 4/6/2022 10:41 AM  |
| 165 | The content was good. Location would be my only small gripe. Could possibly host at a more southern or middle point park...? Maybe even online class format...?  | 4/6/2022 8:27 AM   |
| 166 | I thought the training was well taught and the class was very engaging. Good job!  | 4/5/2022 8:52 PM   |
| 167 | CANCEL IT  | 4/5/2022 5:51 PM   |
| 168 | I think it might be better to end training on a different activity than the Alternative Narrative Activity.  | 4/5/2022 3:48 PM   |
| 169 | I wouldn't change anything   | 4/5/2022 12:38 PM  |
| 170 | I would change anything, the group size and interaction was perfect  | 4/5/2022 11:05 AM  |
| 171 | All good.  | 4/5/2022 10:29 AM  |



DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 172 | More of a mix of non-supervision, supervision and professional. I don't feel splitting the groups is beneficial to real growth   | 4/5/2022 10:02 AM  |
| 173 | More team bonding  | 4/5/2022 9:29 AM   |
| 174 | Better ability to view screen.   | 4/5/2022 6:58 AM   |
| 175 | No, I like how they are conducted.   | 4/4/2022 11:14 AM  |
| 176 | I would prefer zoom meetings.  | 4/3/2022 5:13 PM   |
| 177 | Nothing at this time.  | 4/2/2022 3:21 PM   |
| 178 | No   | 3/31/2022 12:19 PM |
| 179 | Nothing  | 3/31/2022 12:18 PM |
| 180 | I don't think I would change anything  | 3/31/2022 7:53 AM  |
| 181 | Different activities   | 3/31/2022 7:50 AM  |
| 182 | None.  | 3/31/2022 7:48 AM  |
| 183 | I would not change anything, was interesting and informative   | 3/31/2022 7:46 AM  |
| 184 | -  | 3/31/2022 7:44 AM  |
| 185 | Nothing  | 3/31/2022 7:42 AM  |
| 186 | Nothing  | 3/31/2022 7:40 AM  |
| 187 | -  | 3/31/2022 7:38 AM  |
| 188 | Maybe have the different tiers together. Not always, just maybe once, so we can understand first hand how different levels feel.   | 3/31/2022 7:07 AM  |
| 189 | More cross pollination between management and working staff so both sides understand the realities of day to day culture in the park.  | 3/30/2022 3:53 PM  |
| 190 | This training itself was good. However, moving forward with DEI, I believe another Tier of training could be beneficial that would include Full-Time Employees separate from the seasonal and provisional employees. | 3/30/2022 2:13 PM  |
| 191 | We made the change to the first cut-out exercise which I think makes it easier to participate. I think we need more context or explanation to the baby bubbles exercise.   | 3/30/2022 2:04 PM  |
| 192 | more collaboration and discussion as a group   | 3/30/2022 11:30 AM |
| 193 | A bit of redundancy could have been repurposed to leave more time for another activity/topic, like I mentioned in my comment on #10.   | 3/30/2022 10:53 AM |
| 194 | Online   | 3/30/2022 10:52 AM |
| 195 | The name of the training. It brought up more about work place problems/ issues. Not a lot about inclusion and equality.  | 3/30/2022 9:30 AM  |
| 196 | -  | 3/30/2022 9:19 AM  |
| 197 | -  | 3/30/2022 9:17 AM  |
| 198 | -  | 3/30/2022 9:15 AM  |
| 199 | -  | 3/30/2022 9:12 AM  |
| 200 | Maybe a later start time, even 8am vs 730am. We had to drive over an hour, and I think the attention span is a little less that early in the morning for some. But for others it may work!                           | 3/30/2022 9:10 AM  |
| 201 | The cut out activity was hard because scenario seemed not as close because of "first day" part.  | 3/30/2022 9:09 AM  |
| 202 | Better interstate access location  | 3/30/2022 9:05 AM  |
| 203 | It was just right the way it was presented.  | 3/29/2022 2:13 PM  |

DEI Tier 3 Training--2022

|     |   |                    |
|-----|---|--------------------|
| 204 | More Diversity - have supervisors and managers with staff - that way they can hear each parties perspectives. | 3/29/2022 1:07 PM  |
| 205 | Nothing   | 3/29/2022 12:07 PM |
| 206 | NOTHING   | 3/29/2022 11:54 AM |

## Q13 Were there any topics covered in the training or general DEI topics that you would like to learn more about before or during your next training session?

Answered: 124 Skipped: 91

| #  | RESPONSES  | DATE               |
|----|--|--------------------|
| 1  | No   | 5/4/2022 10:43 AM  |
| 2  | No   | 5/4/2022 10:41 AM  |
| 3  | NA   | 5/4/2022 10:39 AM  |
| 4  | None   | 5/4/2022 10:36 AM  |
| 5  | No   | 5/4/2022 10:32 AM  |
| 6  | N/A  | 5/4/2022 10:30 AM  |
| 7  | Perspective-everyone needs more of it  | 5/4/2022 10:29 AM  |
| 8  | No   | 5/4/2022 10:24 AM  |
| 9  | Working with people who have disabilities (ie. physical, mental, etc.)   | 5/4/2022 8:33 AM   |
| 10 | No   | 4/30/2022 1:54 PM  |
| 11 | I don't know a lot about other cultures/people different from myself. While I try to educate myself on my own time, it would be nice to know work-relevant info about other groups of people, if there is any. | 4/30/2022 11:14 AM |
| 12 | No   | 4/30/2022 11:06 AM |
| 13 | No   | 4/30/2022 11:04 AM |
| 14 | No   | 4/30/2022 10:59 AM |
| 15 | Perspectives   | 4/30/2022 10:54 AM |
| 16 | Implicit bias  | 4/30/2022 10:50 AM |
| 17 | Lack of diversity in the Metroparks staff and how to address it  | 4/30/2022 10:48 AM |
| 18 | n/a  | 4/29/2022 3:10 PM  |
| 19 | N/A  | 4/29/2022 2:41 PM  |
| 20 | No   | 4/28/2022 4:53 PM  |
| 21 | not really.  | 4/28/2022 4:42 PM  |
| 22 | nope   | 4/28/2022 4:25 PM  |
| 23 | N/A  | 4/28/2022 2:58 PM  |
| 24 | No   | 4/28/2022 10:52 AM |
| 25 | None   | 4/28/2022 8:20 AM  |
| 26 | no   | 4/27/2022 8:54 AM  |
| 27 | Baseline activities  | 4/27/2022 8:52 AM  |
| 28 | Not in particular  | 4/27/2022 8:51 AM  |
| 29 | No   | 4/27/2022 8:49 AM  |

DEI Tier 3 Training--2022

|    |   |                    |
|----|---|--------------------|
| 30 | No  | 4/27/2022 8:48 AM  |
| 31 | It is difficult to answer this questions since I am not aware of other topics. However, if they were presented it would be appreciated. | 4/27/2022 8:47 AM  |
| 32 | How to ask for these ideas from your supervisor   | 4/27/2022 8:45 AM  |
| 33 | We could talk about so many things. I'm sure your team has a better idea of what the next topics could be.                              | 4/26/2022 12:31 PM |
| 34 | No  | 4/26/2022 10:26 AM |
| 35 | No  | 4/26/2022 10:25 AM |
| 36 | None  | 4/26/2022 10:19 AM |
| 37 | No  | 4/26/2022 10:17 AM |
| 38 | N/A   | 4/26/2022 10:10 AM |
| 39 | Working with difficult people or situations   | 4/26/2022 8:56 AM  |
| 40 | More about the diverse populations in our area  | 4/26/2022 8:51 AM  |
| 41 | No  | 4/26/2022 8:37 AM  |
| 42 | I like the psychological safety aspects of it.  | 4/26/2022 8:24 AM  |
| 43 | Coping skills and recognizing when someone is uncomfortable.  | 4/26/2022 8:22 AM  |
| 44 | No  | 4/26/2022 8:20 AM  |
| 45 | Nah.  | 4/25/2022 8:59 PM  |
| 46 | No  | 4/25/2022 8:42 PM  |
| 47 | Communication between staff .   | 4/25/2022 8:17 PM  |
| 48 | Use of personal pronouns  | 4/25/2022 3:30 PM  |
| 49 | I enjoyed it all.   | 4/25/2022 1:03 PM  |
| 50 | We have a lot of work to do in the Metroparks with understanding systemic racism and how white people benefit from it.                  | 4/25/2022 12:52 PM |
| 51 | No  | 4/25/2022 12:19 PM |
| 52 | Nothing comes to mind.  | 4/25/2022 11:45 AM |
| 53 | In/Out activity   | 4/25/2022 11:35 AM |
| 54 | No  | 4/25/2022 11:31 AM |
| 55 | No  | 4/25/2022 11:24 AM |
| 56 | N/A   | 4/25/2022 11:23 AM |
| 57 | Not much, it's all known fairly well by me  | 4/25/2022 11:21 AM |
| 58 | Engaging with coworkers who do not follow psychological safety? How to?   | 4/25/2022 11:18 AM |
| 59 | N/A   | 4/25/2022 11:16 AM |
| 60 | no  | 4/25/2022 11:14 AM |
| 61 | No  | 4/24/2022 8:50 PM  |
| 62 | No  | 4/24/2022 6:30 AM  |
| 63 | Perspectives-informative  | 4/22/2022 9:47 AM  |
| 64 | Workers being listened to by the board of directors   | 4/22/2022 9:42 AM  |
| 65 | All   | 4/21/2022 4:52 PM  |
| 66 | no  | 4/21/2022 4:25 PM  |

DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 67  | Not that I can think of.   | 4/21/2022 11:42 AM |
| 68  | What if anything is being done to rectify The issues discussed.  | 4/21/2022 11:30 AM |
| 69  | Not that I'm currently aware of.   | 4/21/2022 11:09 AM |
| 70  | No   | 4/21/2022 6:46 AM  |
| 71  | More guest speakers from different backgrounds/races/religions   | 4/20/2022 7:37 PM  |
| 72  | Not really   | 4/20/2022 3:23 PM  |
| 73  | No   | 4/19/2022 7:29 PM  |
| 74  | No   | 4/19/2022 10:12 AM |
| 75  | I felt like it was more informative  | 4/19/2022 10:08 AM |
| 76  | No   | 4/19/2022 10:06 AM |
| 77  | Nah, but I enjoyed how we turned into a group convo at the end   | 4/19/2022 10:02 AM |
| 78  | No   | 4/18/2022 2:51 PM  |
| 79  | no   | 4/18/2022 9:10 AM  |
| 80  | No   | 4/17/2022 10:01 AM |
| 81  | Really enjoyed psychological safety. Would be interested in learning more concepts and techniques.   | 4/16/2022 5:08 PM  |
| 82  | no   | 4/15/2022 3:17 PM  |
| 83  | How about training the cisgender employees about how to act around trans employees.  | 4/14/2022 1:24 PM  |
| 84  | No   | 4/14/2022 1:12 PM  |
| 85  | Nope   | 4/14/2022 1:12 PM  |
| 86  | I think it was covered very nicely and easy to understand- no need to learn more of these topics   | 4/14/2022 8:22 AM  |
| 87  | No   | 4/13/2022 12:22 PM |
| 88  | I think alternative narratives are important. Maybe more on that.  | 4/13/2022 12:10 PM |
| 89  | Perspectives and Alternative Narrative   | 4/11/2022 9:43 AM  |
| 90  | No   | 4/7/2022 6:20 PM   |
| 91  | no   | 4/6/2022 3:28 PM   |
| 92  | N/a  | 4/6/2022 1:36 PM   |
| 93  | None that I can think of at this time.   | 4/6/2022 8:27 AM   |
| 94  | No   | 4/5/2022 8:52 PM   |
| 95  | NO   | 4/5/2022 5:51 PM   |
| 96  | Although I did learn a lot about how to help make others feel more included at work, this is something I would like to learn more about because I feel it is very important. | 4/5/2022 3:48 PM   |
| 97  | none   | 4/5/2022 12:38 PM  |
| 98  | No   | 4/5/2022 11:05 AM  |
| 99  | Not at this time.  | 4/5/2022 10:29 AM  |
| 100 | No   | 4/5/2022 10:02 AM  |
| 101 | N/A  | 4/5/2022 9:29 AM   |
| 102 | No   | 4/5/2022 6:58 AM   |

DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 103 | No   | 4/3/2022 5:13 PM   |
| 104 | No.  | 4/2/2022 3:21 PM   |
| 105 | No   | 3/31/2022 12:18 PM |
| 106 | No, I think I got a good grasp   | 3/31/2022 7:53 AM  |
| 107 | Micromanaging, but how to deal with it.  | 3/31/2022 7:50 AM  |
| 108 | No   | 3/31/2022 7:48 AM  |
| 109 | Nope, everything I wanted to know was covered  | 3/31/2022 7:46 AM  |
| 110 | Communication  | 3/31/2022 7:40 AM  |
| 111 | N/A  | 3/31/2022 7:07 AM  |
| 112 | no   | 3/30/2022 3:53 PM  |
| 113 | N/A  | 3/30/2022 2:13 PM  |
| 114 | I thought the part on psychological safety was really great and important information, and would love to see more info share about this in the future. | 3/30/2022 10:53 AM |
| 115 | No   | 3/30/2022 10:52 AM |
| 116 | No   | 3/30/2022 9:30 AM  |
| 117 | No   | 3/30/2022 9:17 AM  |
| 118 | Not at this time   | 3/30/2022 9:10 AM  |
| 119 | Seemed good.   | 3/30/2022 9:09 AM  |
| 120 | ADA  | 3/30/2022 9:05 AM  |
| 121 | None   | 3/29/2022 2:13 PM  |
| 122 | no   | 3/29/2022 1:07 PM  |
| 123 | No   | 3/29/2022 12:07 PM |
| 124 | NONE   | 3/29/2022 11:54 AM |

## Q14 General Comments and/or What do you need or want me to know?

Answered: 114 Skipped: 101

| #  | RESPONSES   | DATE               |
|----|---|--------------------|
| 1  | Thank you-great job!  | 5/4/2022 10:39 AM  |
| 2  | I don't mind attending these meetings, but it would be nice if something was done about the topics we discussed!!   | 5/4/2022 10:36 AM  |
| 3  | N/A   | 5/4/2022 10:32 AM  |
| 4  | This was a good session   | 5/4/2022 10:30 AM  |
| 5  | Kudos!  | 5/4/2022 10:29 AM  |
| 6  | I'm fine  | 5/4/2022 10:24 AM  |
| 7  | Thank you for the presentation  | 5/4/2022 10:19 AM  |
| 8  | It was a lot of fun :)  | 5/4/2022 10:13 AM  |
| 9  | Great hosts   | 5/4/2022 10:08 AM  |
| 10 | Providing a foundation of activities for the session is perfect to keep engagement  | 5/4/2022 8:33 AM   |
| 11 | I did enjoy the training.   | 4/30/2022 1:54 PM  |
| 12 | I enjoyed the training and am, as always, excited to see what DEI does next.  | 4/30/2022 11:14 AM |
| 13 | Please put your names on board and tell us up front about DEI and what we are going to cover.   | 4/30/2022 11:10 AM |
| 14 | Nothing   | 4/30/2022 11:06 AM |
| 15 | I had fun   | 4/30/2022 11:04 AM |
| 16 | Enjoyable and good length and activities.   | 4/30/2022 10:57 AM |
| 17 | N/A   | 4/30/2022 10:50 AM |
| 18 | I like how we appreciated everyone's positions within the park. In the training, it almost seemed like we were trying to blame workers for their work environment. Something was said that made it sound like supervisors should not be held to this same standard as everyone else.  | 4/29/2022 3:10 PM  |
| 19 | Overall good for teambuilding and discussion as well as getting to know other employees from different departments of HCMA. You guys did a good job mediating and controlling the flow of the meeting. I do agree that supervisors should be included in trainings like that and not segregated to their own meetings. If anything they should have to do both as being a supervisor does come with extra responsibilities. You cannot rely on the employees to create a psychologically safe workplace if the supervisor is toxic and pushing that on employees is unhealthy as some may feel like they are not allowed to express themselves or make change under restrictive management. Something as steep as changing workplace culture should not be placed on part time staff or Provisionals. Change starts at the top. | 4/29/2022 2:41 PM  |
| 20 | Communication of basic facts necessary to do your job is a problem for the Park. It is a situational failing. Most attempt communication strategies but they cannot survive the part time structure of the park system. I am NOT talking about touchy/feely things. I am talking about concrete things that are necessary to perform our jobs.  | 4/28/2022 4:53 PM  |
| 21 | I think this is necessary for all businesses.   | 4/28/2022 4:42 PM  |
| 22 | The training was well done  | 4/28/2022 2:58 PM  |
| 23 | N/A   | 4/28/2022 10:52 AM |
| 24 | None  | 4/28/2022 8:20 AM  |

DEI Tier 3 Training--2022

|    |  |                    |
|----|--|--------------------|
| 25 | thank you  | 4/27/2022 8:54 AM  |
| 26 | None   | 4/27/2022 8:51 AM  |
| 27 | Please Please send me a copy of the powerpoint. minierjen@yahoo.com  | 4/27/2022 8:47 AM  |
| 28 | Great job. A needed and inclusive training   | 4/27/2022 8:45 AM  |
| 29 | Keep doing what you're doing. I am grateful for you giving the Metroparks a bigger perspective. We cannot change for the better without each other.  | 4/26/2022 12:31 PM |
| 30 | Very good presentation   | 4/26/2022 10:27 AM |
| 31 | Good job. Thank you  | 4/26/2022 10:26 AM |
| 32 | "Thank you"  | 4/26/2022 10:25 AM |
| 33 | Well organized and conducted   | 4/26/2022 10:19 AM |
| 34 | Great job!!  | 4/26/2022 10:17 AM |
| 35 | The bagels were delicious :) It was very professional and made you feel like more than a cog in the system.  | 4/26/2022 10:10 AM |
| 36 | Had great difficulty hearing   | 4/26/2022 10:07 AM |
| 37 | Really enjoyed the class and perspective. Keep up the great job! Very good how you went from instruction with examples to group interaction. Very good way to engage and have participants learn and remember training. Any way for us to communicate questions and concerns to top admin and also get your top down perspective in a non-threatening way. | 4/26/2022 8:56 AM  |
| 38 | Good session-take aways to being back to work to make us better employees  | 4/26/2022 8:39 AM  |
| 39 | Will take what I learned today and apply it to my daily work and life  | 4/26/2022 8:37 AM  |
| 40 | Make/schedule classes closer to Metroparks we work at. Give us a choice of what day/time of class we'd like to attend.   | 4/26/2022 8:31 AM  |
| 41 | I liked the paper fill outs. It helped people present and keep people on topic.  | 4/26/2022 8:28 AM  |
| 42 | Well done  | 4/26/2022 8:20 AM  |
| 43 | I would love to know how the HCMA exhibits diversity and inclusion as an organization, through it's leadership and policy.   | 4/25/2022 8:59 PM  |
| 44 | It was a fun an engaging training  | 4/25/2022 8:42 PM  |
| 45 | A few people stated that they felt like they were back in school with assigned seats .   | 4/25/2022 8:17 PM  |
| 46 | I think the training was a good length of time. If it lasted the four hours as advertised I don't think it would have been as effective. I appreciated that lunch was provided and there was an option for vegetarians.  | 4/25/2022 3:30 PM  |
| 47 | I was so happy with how many people were engaged.  | 4/25/2022 1:03 PM  |
| 48 | As a long term employee, I took some enjoyment in listening to the younger people with little or no experience to gain a fresh reminder of how we (the Metroparks) appear to them.   | 4/25/2022 12:52 PM |
| 49 | Nothing  | 4/25/2022 12:19 PM |
| 50 | I thought the class topics and instructors were spot on. Thanks for a wonderful experience.  | 4/25/2022 11:45 AM |
| 51 | More small group discussion-it often facilitates better full group participation   | 4/25/2022 11:35 AM |
| 52 | I listened!!   | 4/25/2022 11:24 AM |
| 53 | N/A  | 4/25/2022 11:23 AM |
| 54 | You guys were great, thank you so much!  | 4/25/2022 11:21 AM |
| 55 | N/A  | 4/25/2022 11:18 AM |
| 56 | Great instructors-made me feel welcome and comfortable. Great food!  | 4/25/2022 11:16 AM |



DEI Tier 3 Training--2022

|    |  |                    |
|----|--|--------------------|
| 57 | You ladies were well organized, and a joy to work with. You both radiated positivity. Thank you!   | 4/24/2022 8:50 PM  |
| 58 | I look forward to the next training session  | 4/24/2022 6:30 AM  |
| 59 | Artina is awesome  | 4/22/2022 9:42 AM  |
| 60 | Thank you for all that you do Artina and Tracy   | 4/22/2022 9:39 AM  |
| 61 | Thank you!   | 4/21/2022 4:52 PM  |
| 62 | no   | 4/21/2022 4:25 PM  |
| 63 | I think it would be good to show a best practices type of thing so we know what to say and how to act in various situations.   | 4/21/2022 11:42 AM |
| 64 | centrally locate program   | 4/21/2022 11:30 AM |
| 65 | The training was fantastic! Thank you!   | 4/21/2022 11:09 AM |
| 66 | Thank you!   | 4/20/2022 7:37 PM  |
| 67 | Got a lot out of this session.   | 4/19/2022 7:29 PM  |
| 68 | It's ok  | 4/19/2022 10:12 AM |
| 69 | Thank you  | 4/19/2022 10:09 AM |
| 70 | I enjoyed it being able to work with other parks   | 4/19/2022 10:08 AM |
| 71 | Good job :)  | 4/19/2022 10:06 AM |
| 72 | It was very nice to meet other employees from different parks  | 4/19/2022 10:03 AM |
| 73 | Loved the speakers. Very knowledgeable and nice.   | 4/19/2022 9:58 AM  |
| 74 | None   | 4/18/2022 2:51 PM  |
| 75 | n/a  | 4/18/2022 9:10 AM  |
| 76 | N/A  | 4/17/2022 10:01 AM |
| 77 | Thank you for an informative session!  | 4/15/2022 3:17 PM  |
| 78 | No   | 4/14/2022 1:12 PM  |
| 79 | Nope:) Thank you   | 4/14/2022 1:12 PM  |
| 80 | I think that maybe training in the future should include both Supervisors and employees together- I think it may be beneficial for both sides to hear each others thoughts and ideas. Sometimes when groups are separated by levels (and I know its because groups may feel less threatened to speak freely when talking to peers) discussions may end up one sided. It may be nice to hear out both ends of the spectrum. Just a thought. | 4/14/2022 8:22 AM  |
| 81 | It was well done! I'm glad to see that these topics are being discussed  | 4/13/2022 12:55 PM |
| 82 | I understand that there can be many difficult discussions and situations but I think you make it as comfortable as possible allowing discussions to take place. I was not thrilled about trainings at first but I think you are doing a great job and I am looking forward to more learning opportunities. Good JOB!   | 4/13/2022 12:22 PM |
| 83 | Keep sharing, because I don't know what I need and I don't know what I don't know. Thank you   | 4/13/2022 12:10 PM |
| 84 | Our session felt very open and relaxed. It was the best one that I can recall attending.   | 4/11/2022 9:43 AM  |
| 85 | Nothing  | 4/7/2022 6:20 PM   |
| 86 | Love talking to you  | 4/6/2022 1:36 PM   |
| 87 | Experience was great   | 4/6/2022 10:43 AM  |
| 88 | Great job  | 4/6/2022 10:41 AM  |
| 89 | Job well done! Have a great summer!  | 4/6/2022 8:27 AM   |
| 90 | THAT THIS WAS A WASTE OF TIME  | 4/5/2022 5:51 PM   |

DEI Tier 3 Training--2022

|     |  |                    |
|-----|--|--------------------|
| 91  | I enjoyed this years DEI training, Thank you!  | 4/5/2022 12:38 PM  |
| 92  | Nothing to share   | 4/5/2022 11:05 AM  |
| 93  | I had a good time in the class   | 4/5/2022 10:02 AM  |
| 94  | N/A  | 4/5/2022 9:29 AM   |
| 95  | This was a well structured meeting with good learning topics   | 4/5/2022 6:58 AM   |
| 96  | Thank you for providing these trainings. I feel safe and supported with sharing my ideas and feelings. :)  | 4/4/2022 11:14 AM  |
| 97  | Trainers were great as always.   | 4/2/2022 3:21 PM   |
| 98  | Nice to have a classroom setting   | 3/31/2022 12:18 PM |
| 99  | I enjoyed the part where we talked about others' perspectives  | 3/31/2022 7:53 AM  |
| 100 | Overall, it was very good training   | 3/31/2022 7:50 AM  |
| 101 | My comment about people talking for long lengths of time. I don't think my message was delivered correctly. I do not have an issue with people talking, that is their business. I get annoyed when people have to tell you how busy and swamped they are. and don't know how they are going to get everything done. I don't need to hear that. I think that falls under time management, and how well people utilize their time at work to get their job done.   | 3/31/2022 7:07 AM  |
| 102 | We discussed empowering and being brave but also staying in one's lane. While this is not my issue, it impacts my job directly. A situation has arisen in our park that is going to impact the potential safety of our patrons and it concerns me greatly. It has been decided to eliminate the police shifts at Indian Springs. This means no more officers in our park on a daily basis to reduce speeders on our roads, to track down cyclists on our nature trails, to track poachers, to do our money drops at the banks and our toll booths and most importantly to deal with drunk and disorderlies at weddings. Management has met and this is the direction. We will pivot, adjust and work within this new order but it does not bode well for our little jewel of a park. I fear for vandalism to our buildings and golf course, drug/sex use, and worse....damage to wildlife and their habitat. Our workers and patrons expect to be safe here at Indian Springs. We pride ourselves on that. We have a reputation for safety. I do not understand why it is being jeopardized. | 3/30/2022 3:53 PM  |
| 103 | N/A  | 3/30/2022 2:13 PM  |
| 104 | Thank you for putting together and presenting the training!  | 3/30/2022 10:53 AM |
| 105 | Better communication on event location, food ? Too long, uncomfortable chairs.   | 3/30/2022 10:52 AM |
| 106 | Just that the concerns discussed at our meeting be addressed and not swept under the rug. Our table had all the same issues and we ranged from different parks and position rankings.  | 3/30/2022 9:30 AM  |
| 107 | Presentation was good  | 3/30/2022 9:17 AM  |
| 108 | letting provisionals get the same certifications as full time (ex. forklifts, bucket truck)  | 3/30/2022 9:12 AM  |
| 109 | A good program overall.  | 3/30/2022 9:10 AM  |
| 110 | This was real early for me (7:30am) but I got here. I know some folks like early :)  | 3/30/2022 9:09 AM  |
| 111 | This session was enjoyable, and I liked it much better than the last one.  | 3/29/2022 2:13 PM  |
| 112 | We were told to put this down - TRAINING!!! HCMA Staff do NOT get trained properly leaving unqualified employees training them - sometimes meaning incorrectly.  | 3/29/2022 1:07 PM  |
| 113 | Na   | 3/29/2022 12:07 PM |
| 114 | FAR BETTER THAN EXPECTED   | 3/29/2022 11:54 AM |



To: Board of Commissioners  
From: Jay Bibby, Interim Chief of Planning and Development  
Project Title: Report – Electric Vehicle (EV) Initiatives  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the – Electric Vehicle (EV) Initiatives report as recommended by the Interim Chief of Planning and Development Jay Bibby and Chief of Engineering Mike Henkel and staff.

**Background:** Interim Chief of Planning and Development Jay Bibby and Chief of Engineering Mike Henkel will give a joint department presentation to the Board on the progress of the Electric Vehicle (EV) initiatives underway in the Metroparks.



To: Board of Commissioners  
From: Travis Grubb, Senior Buyer  
Project Title: Cooperative Purchase – Bandit Chipper/Stump Grinder  
Location: Natural Resources Department  
Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve the cooperative purchase of a Bandit chipper and stump grinder from Bandit Industries, Inc of Remus, Michigan through the state of Michigan's MiDeal cooperative contract #190000000301 as recommended by Senior Buyer Travis Grubb and staff.

**Fiscal Impact:** Funds will come from the Board-approved 2022 Capital Equipment budget, which allowed a total of \$150,000 for these purchases (\$90,000 for the Bandit Chipper and \$60,000 for the Bandit stump grinder). The total, not-to-exceed price of \$148,960 (\$92,732 for the Bandit chipper and \$56,228 for the Bandit stump grinder) is \$1,040 in favor of the budget.

**Scope of Work:** Furnish and deliver a Bandit chipper (Intimidator Model 19XPC, drum Style) and a Bandit stump grinder (Model 3100, towable).

**Background:** The Metroparks is eligible to participate in the state of Michigan's MiDeal cooperative contract program. Through the state's contract with Bandit Industries, the Metroparks was able to secure a 20 percent direct sale discount for these pieces of equipment, which resulted in a savings of approximately \$37,000.

The new pieces of equipment will replace existing equipment in the Metroparks fleet (a 2012 Bandit chipper, unit 96 and a 2009 Bandit stump grinder, unit 5). Both pieces of equipment are still in use but are in poor condition (high hours, mechanical issues, electrical issues, etc.) due to heavy usage and are recommended for replacement. Both existing pieces will be sold at the annual auction.



To: Board of Commissioners  
From: Shedreka Miller, Chief of Finance  
Subject: Report – Monthly Financial Review  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the monthly Financial Review as submitted by Chief of Finance Shedreka Miller and staff.

**Attachment: Monthly Financial Review**

# HURON-CLINTON METROPARKS MAY FINANCIAL RECAP

JUNE 2022

Administrative Office  
13000 High Ridge Drive  
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)





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# EXECUTIVE SUMMARY

## MAY 2022 FINANCIAL RESULTS

Tax revenue collections in May were strong and remain higher than 2021 figures. We have collected 94 percent of taxes owed in 2022 compared to 88 percent collected in 2021. Of the \$2.1 million remaining outstanding, approximately 38 percent is owed by Wayne County, 27 percent is owed by Oakland County, 13 percent is owed by Macomb and Washtenaw County, and 1 percent is owed by Livingston County.

2022 tolling has decreased for daily sales and increased for annual sales in comparison to 2021. May daily permit sales are 3 percent lower than 2021. May annual permit sales are 9 percent higher than 2021. YTD tolling decreased \$875,591 or 16 percent compared to 2021.

Tolling and golf are the largest contributors to operating park revenue in May 2022. Combined, tolling and golf made up 88 percent of park operating revenue. Tolling generated \$1.9 million and golf added an additional \$1.2 million. All other park operating activities produced more than \$436,000. The year-to-date park operating revenue of \$8.0 million is \$976,000 lower compared to 2021 and \$1.5 million higher compared to the five-year average.



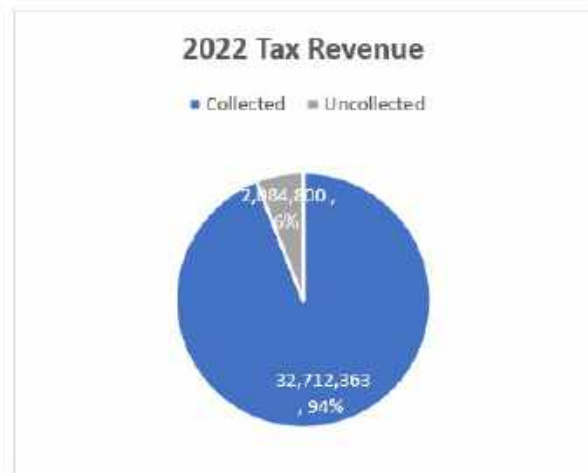
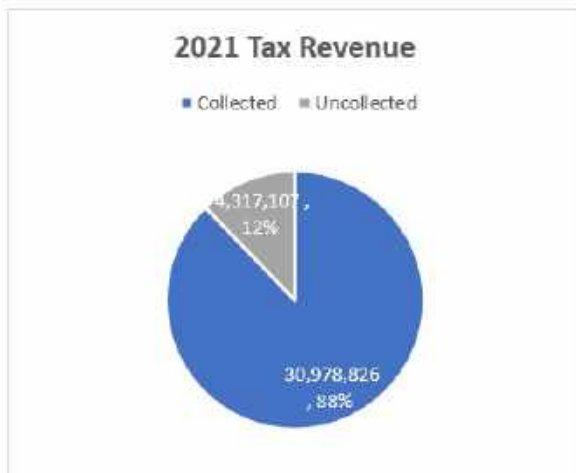
Overall, year-to-date general fund expenditures are up \$2.0 million or 9 percent over 2021. There was a \$2.3 million increase in expenditures related to Capital Improvement Projects compared to 2021. Most of this increase is related to the board approved Capital Improvement Project at Turtle Cove.

In summary, the Metroparks continue to be well positioned financially. Revenues remain strong, are higher than the five-year average, and expenditures remain within planned budgets.

# ADMINISTRATIVE REVENUE

Metroparks administrative revenue consists of all revenue sources that are not generated directly by park operations. Tax revenue accounts for the majority and is the single largest source of revenue for the Metroparks.

The amount of revenue collected as of May month end has increased compared to May 2021 month end. In 2021 we had collected 88% of taxes owed. In 2022 that amount is higher at 94 percent.

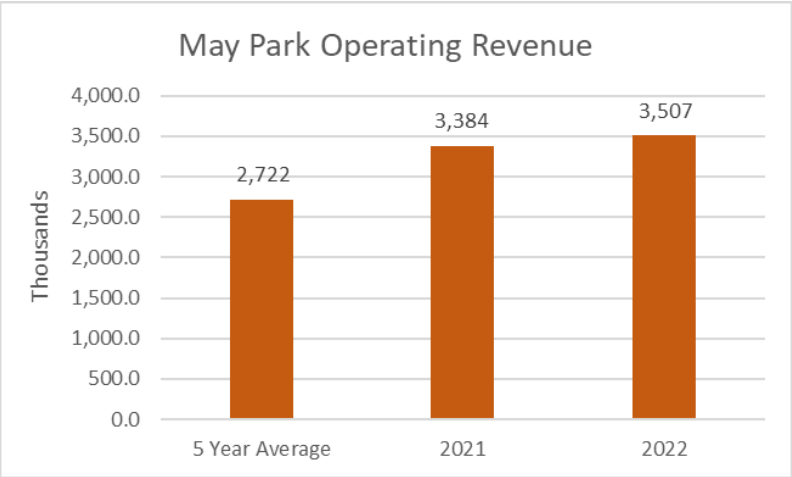


# PARK OPERATING REVENUE

## BY ACTIVITY

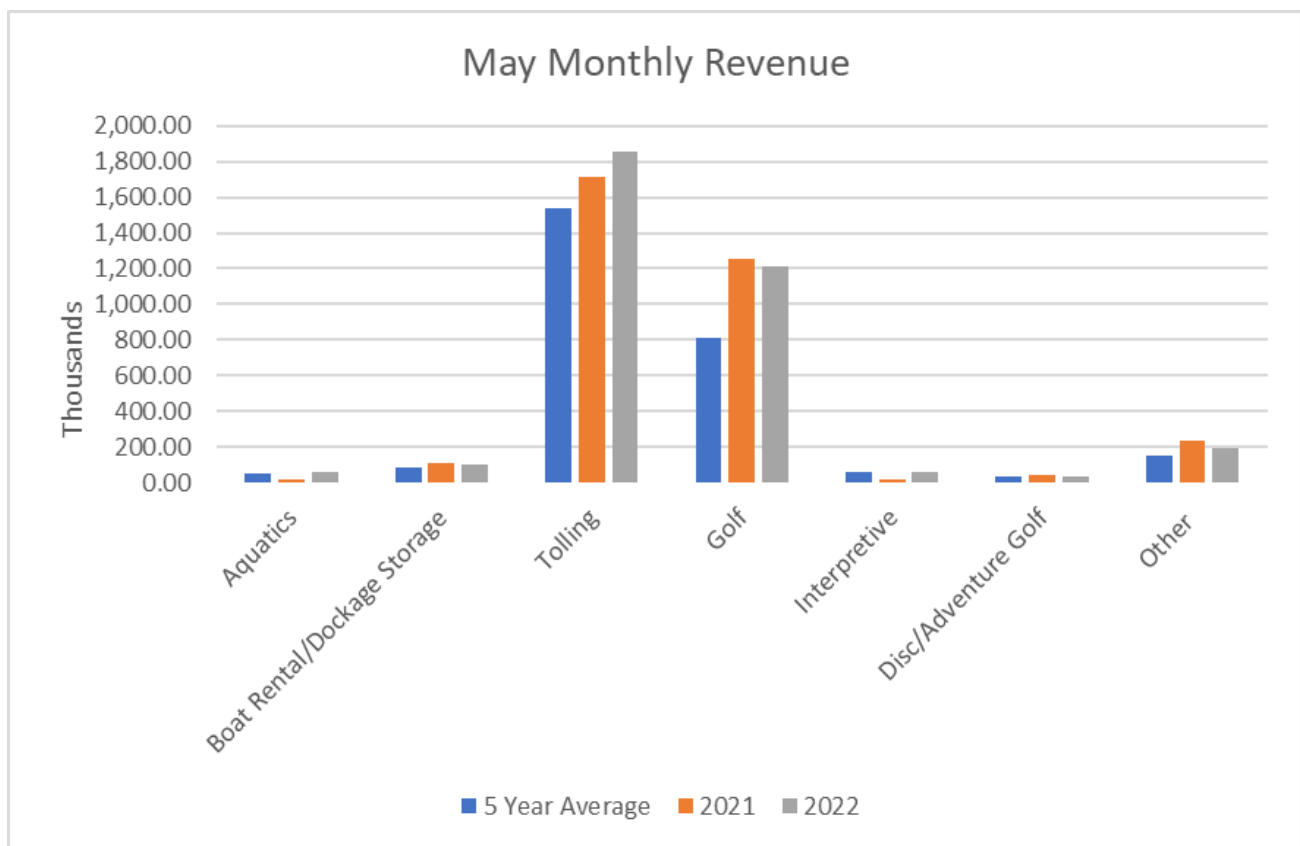
The parks generated \$3.5 million in revenue during May 2022 compared to \$3.4 million in 2021. The five-year average for operating revenue is \$2.7 million.

May park operating revenue increased \$123,000 or 3.6 percent compared to 2021 and increased \$785,000 or 28.8 percent compared to the five-year average.



Breaking down park operating revenue by the activity, the most significant source of revenue is tolling. The \$1.9 million generated was higher than 2021 by \$145,000 or 8 percent and higher by the five-year average by \$321,000 or 21 percent.

The golf and other categories were the second and third largest source of operating revenue for the month. The other category consists of special events, camping, shelter reservations, facility rentals, and any additional leases/rentals. Golf revenue was \$40,000 or 3 percent lower than 2021 and \$398,000 or 49 percent higher than the five-year average. Other operating revenue was \$40,000 or 17 percent lower than 2021 and \$45,000 or 30 percent higher than the five-year average.



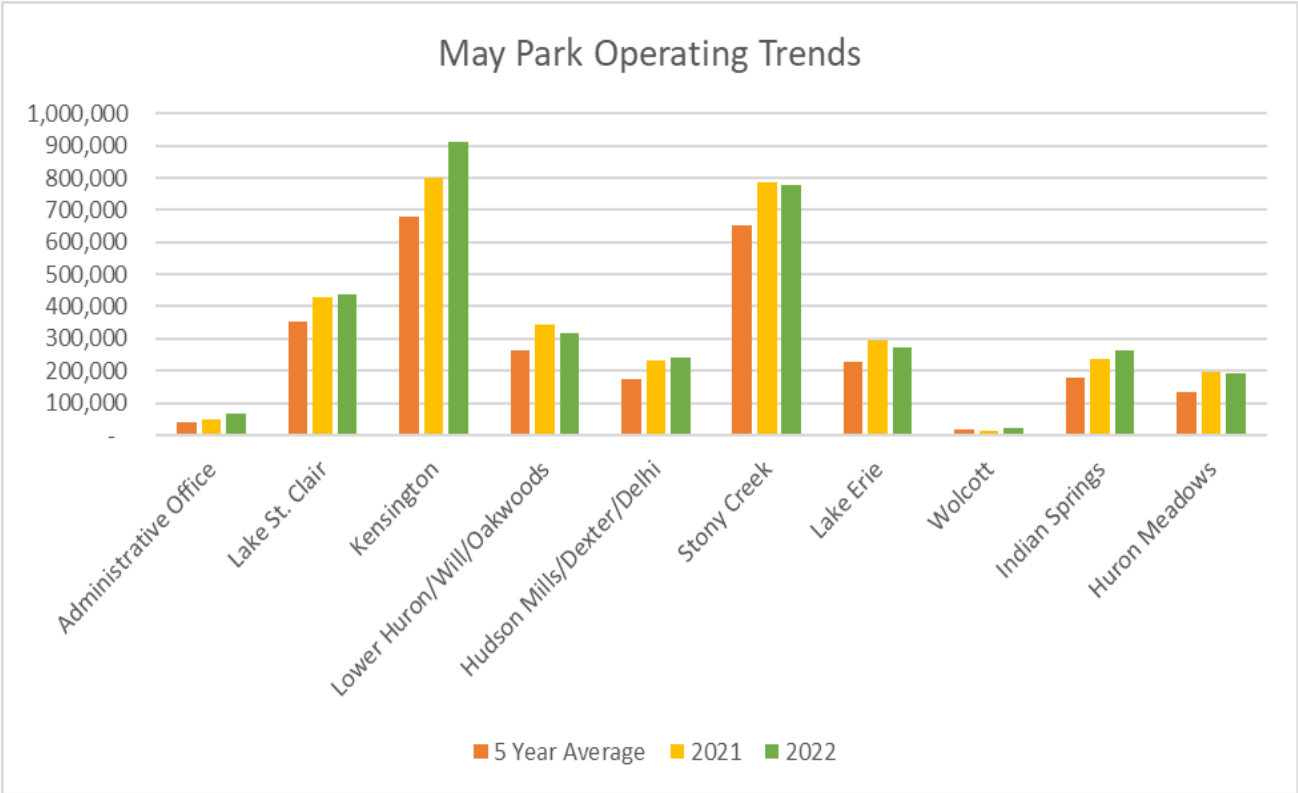
# BY LOCATION

May 2022 park operating revenue increased compared to 2021 and the five-year average. The parks generated \$3.5 million in operating revenue during May 2022 compared to \$3.4 million in 2021 and \$2.7 million for the five-year average.

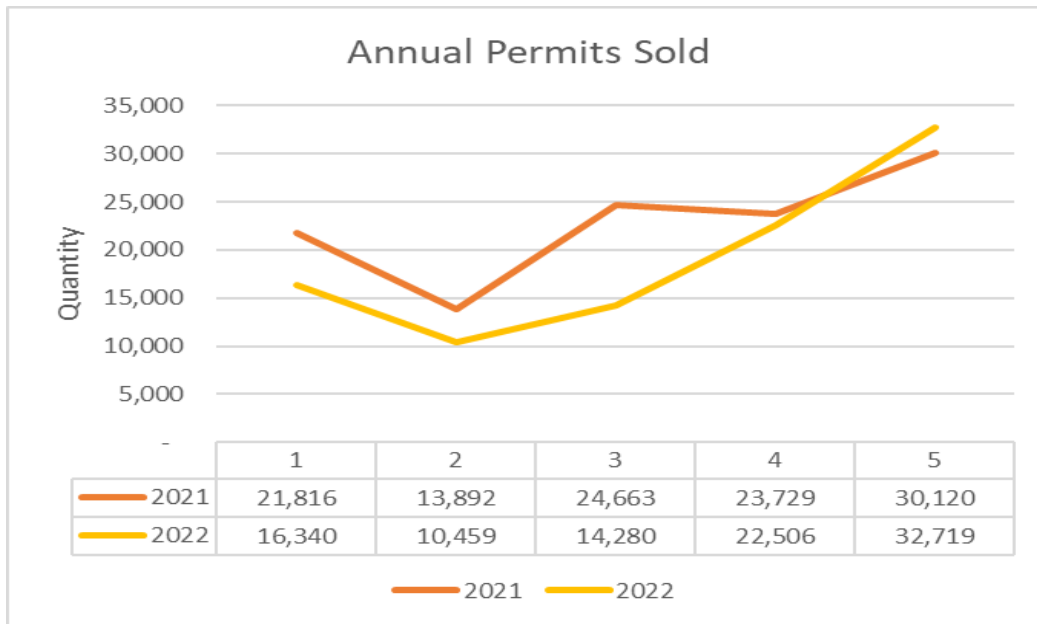
May 2022 operating revenue in total increased compared to May 2021 by \$123,000 or 4 percent and increased compared to the five-year average by \$785,000 or 29 percent. Kensington, Stony Creek, and Lake St. Clair generated the most revenue for May 2022. May operating revenue for Kensington, Stony Creek and Lake St. Clair was \$911,000, \$779,000, and \$437,000.

In the chart below, the variance between 2022 and 2021 numbers ranges between an increase of \$113,000 (17 percent) and a decrease of \$26,000 (10 percent). The variance between 2022 and the five-year average ranges between an increase of \$231,000 (34 percent) and an increase of \$1,300 (7 percent).

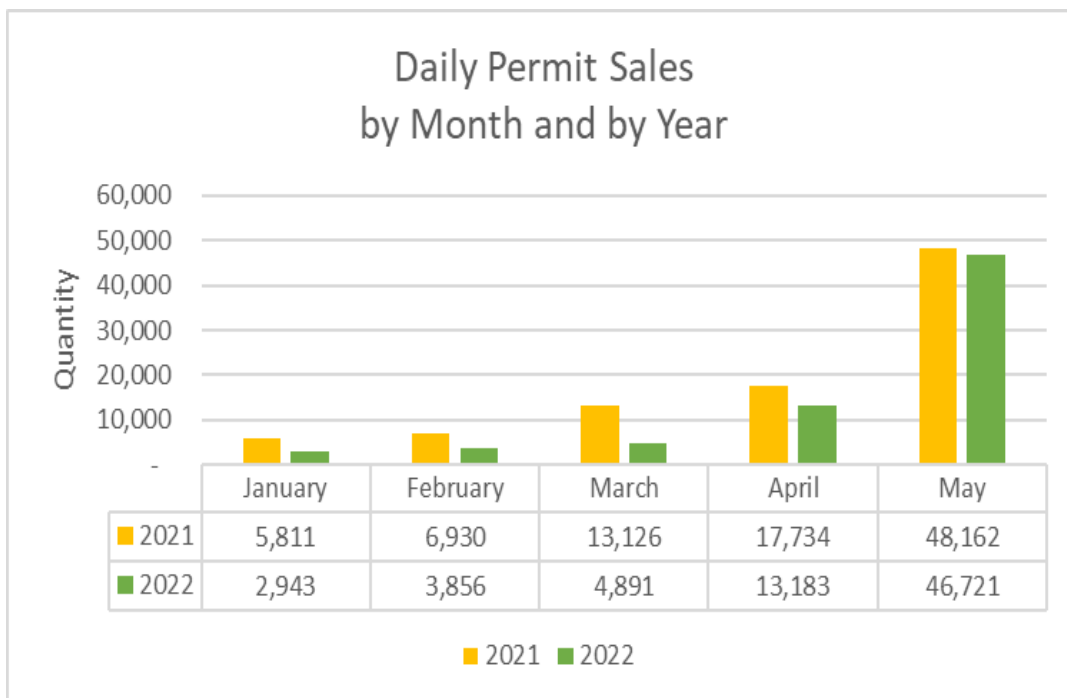
The changes are reflected in the chart below:



The following charts graphically represent the trends and shifts in annual and daily permit sales. Year-to-date annual permit sales for 2022 are down 16 percent from 2021. Annual permit sales for May 2022 increased 9 percent compared to 2021.

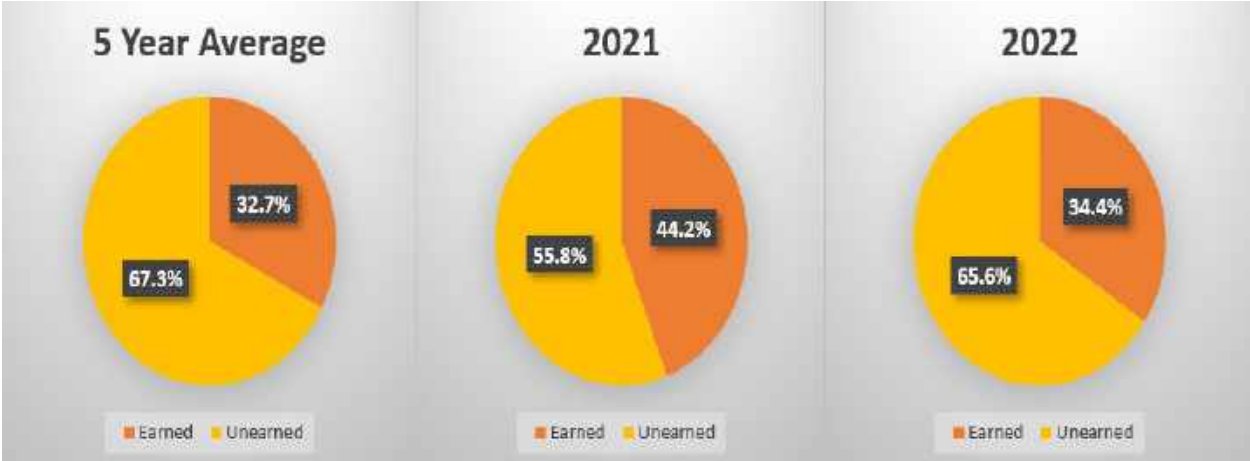


Daily permit sales in May decreased 3 percent compared to 2021.





Considering year-to-date revenue, the parks continue to show a decline in revenue compared to the prior year. However, year to date revenue is still higher than the five-year average. The pie charts below reflect the revenue earned at the end of May compared to the budgeted revenue not yet earned.



At the end of May 2022, we have generated 34.4 percent of budgeted operating revenue earned. We were around 44.2 percent and 32.7 percent for 2021 and the five-year average.

# EXPENDITURES

## ADMINISTRATIVE OFFICE

Overall, year-to-date Administrative Office expenditures are ahead of 2021 by \$204,700 or 5 percent. The increase is primarily related to the Huron Meadows trail connectors study, the five-year community recreation plan study, and various Engineering surveys/studies.

## MAJOR MAINTENANCE AND CAPITAL

Approximately 69 percent of planned capital equipment and land acquisition purchases have been either paid for or encumbered. Payments during the month of May totaled \$176,789 or 6.9 percent of the budget.

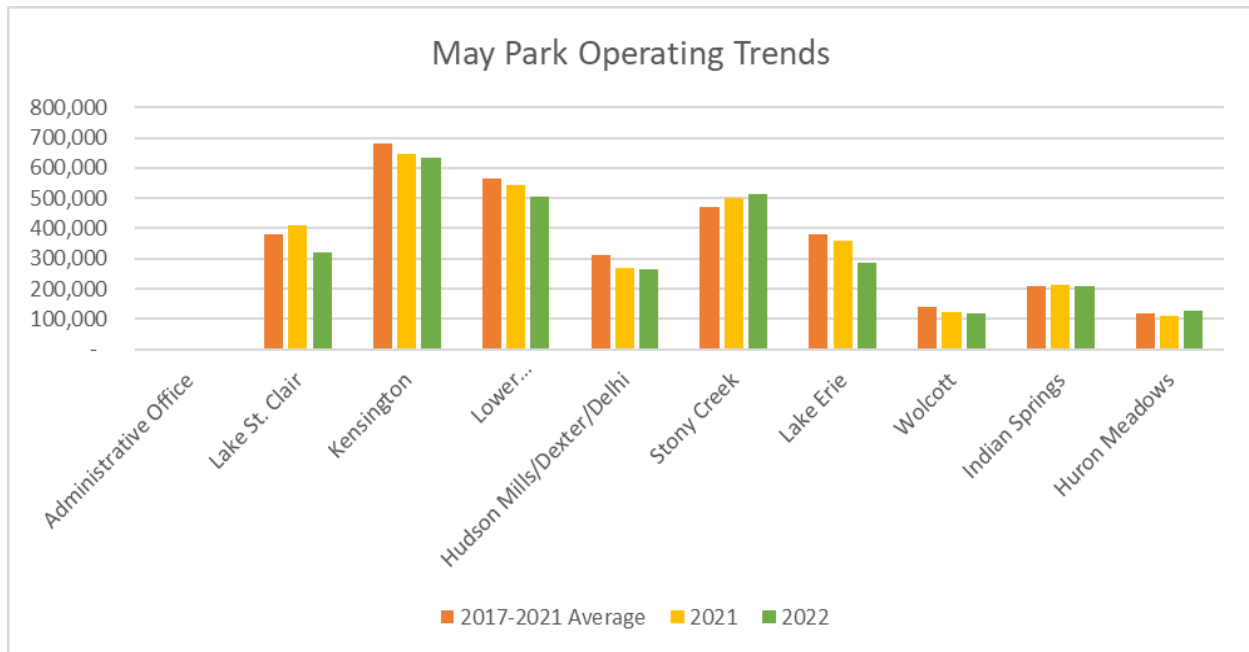
As of the end of May, 31 percent of major maintenance projects have been either received or contracted for. May payments for major maintenance totaled over \$75,563 or 1.6 percent of the annual major maintenance budget.

## PARK OPERATIONS

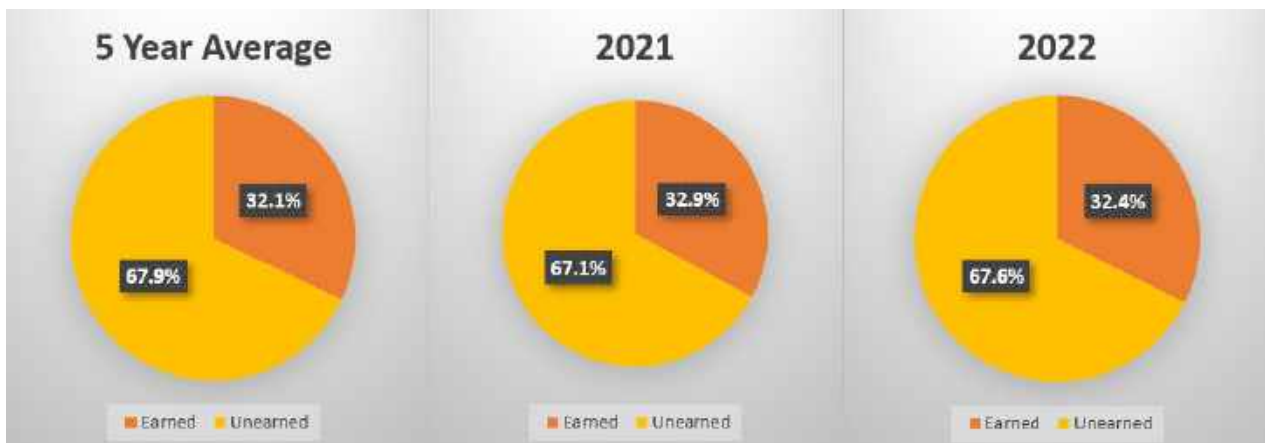
Overall, year-to-date park operation expenditures are \$439,310 or 3.6 percent higher than the 2021 year-to-date level. Increases in chemicals, equipment fuel, and utilities make up \$265,385 or 60 percent of this variance.



Looking at individual parks for the month of May, the variance in operating expenditures between 2022 and 2021 ranges between an increase of \$17,000 and a decrease of \$92,000.



At the end of May, we have used 32.4 percent of the annual budget, in 2021 the amount was 32.9 percent and 32.1 percent for the five-year average.





To: Board of Commissioners  
 From: Shedreka Miller, Chief of Finance  
 Subject: Approval – 2022/23 Tax Levy Report  
 Date: June 9, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners (1) approve the 2022 Tax Rate Request forms at .2070 mills (formerly .2089 mills); and (2) the inclusion of “net” tax revenues of \$36,508,782 in the 2023 Budget as recommended by Shedreka Miller and staff.

**Summary:** Final 2022 Taxable Value figures used for the calculation of the Metroparks 2023 tax revenues have been received from the county treasurer’s offices. At this time, it is necessary for the Board of Commissioners to certify the requested tax levy rate of .2070 mills for each county.

**Background:** The calculation of the Metroparks tax levy millage rate is controlled by the “Headlee” Millage Reduction Formula (Michigan Compiled Law 211.34d) and Proposal A (1994 Public Act 415). Once the Metroparks tax levy rate is calculated, it is applied to the “taxable values” throughout the five counties of Livingston, Macomb, Oakland, Washtenaw and Wayne.

The Metroparks “taxable value” for the five counties for 2022 is \$181.2 billion, an increase of \$10.6 billion (6.23 percent) from the 2021 value of \$170.6 billion. The Metroparks taxable value showed an overall positive trend, with all five counties having increased from the previous year. Oakland showed the largest increase with 6.4 percent. Macomb and Wayne had steady increases around 6.1 percent. With Macomb and Washtenaw counties were slightly lower, with increases around 5.9 percent. The overall 6.2 percent increase is the largest we have seen over the past few years.

In applying the 2021 taxable value figures to the Headlee Millage Reduction Factor calculation formula, with the permitted inflation rate multiplier of 1.033, the Metroparks will be permitted to levy .2070 mills for 2022. For the sixth year in a row, the Metroparks has to decrease their levy rate due to the MRF calculation remaining below 1.000. The Metroparks is currently levying 83 percent of the original authorized millage of .2500 mills. This results in an annual loss of \$7,793,757 in tax revenue due to the Headlee Reduction.

In applying the .2070 millage rate against the district’s 2022 “taxable value” figures, anticipated “gross” tax revenues for 2023 will be \$37,518,782. The breakdown by county is as follows:

|                   | 2022/23 Levy  | %      | 2021/22 Levy  | %      | Change |
|-------------------|---------------|--------|---------------|--------|--------|
| <b>Livingston</b> | \$ 2,245,172  | 6.0%   | \$ 2,138,025  | 6.0%   | 5.0%   |
| <b>Macomb</b>     | \$ 6,795,726  | 18.1%  | \$ 6,457,987  | 18.1%  | 5.2%   |
| <b>Oakland</b>    | \$ 14,402,955 | 38.4%  | \$ 13,652,827 | 36.6%  | 5.5%   |
| <b>Washtenaw</b>  | \$ 4,186,341  | 11.2%  | \$ 3,992,261  | 10.8%  | 4.9%   |
| <b>Wayne</b>      | \$ 9,888,588  | 26.4%  | \$ 9,401,422  | 28.3%  | 5.2%   |
| <b>Total</b>      | \$ 37,518,782 | 100.0% | \$ 35,642,522 | 100.0% | 5.3%   |

As the Authority has done for the last several years, staff recommends that the Metroparks estimate the amount of “captured” tax revenues and potential tax refunds and adjust the anticipated gross tax revenues down at the start of the budget year. This is due to (1) the number of tax abatement programs which include Downtown Development Authorities (DDA), Local Development Finance Authorities (LDFA), Tax Incremental Finance Authorities (TIFA), Brownfield, and Neighborhood Enterprise Zones; (2) the large number of communities that are utilizing them; and (3) the amounts of Metroparks tax revenue that is being captured and refunded.

By booking this adjustment at the beginning of the budget year, we are able to have a more accurate picture of the actual amount of tax revenue that should ultimately be collected in 2023. Based on trends from the last five years of data from the amount of Metroparks tax revenue captured and refunded, the following breakdown details the “net” tax revenues recommended to be used for the 2023 Budget.

|                       | 2022/23        |                   | Estimated<br>Captured<br>Taxes | 2022/23            |                   |
|-----------------------|----------------|-------------------|--------------------------------|--------------------|-------------------|
|                       | Gross Tax Levy |                   |                                | Net Tax Levy       |                   |
| <b>Livingston</b>     | \$             | 2,245,172         | \$                             | (25,000)           | \$ 2,220,172      |
| <b>Macomb</b>         |                | 6,795,726         |                                | (35,000)           | 6,760,726         |
| <b>Oakland</b>        |                | 14,402,955        |                                | (375,000)          | 14,027,955        |
| <b>Washtenaw</b>      |                | 4,186,341         |                                | (50,000)           | 4,136,341         |
| <b>Wayne</b>          |                | 9,888,588         |                                | (525,000)          | 9,363,588         |
| <b>Tax Levy Total</b> |                | <b>37,518,782</b> |                                | <b>(1,010,000)</b> | <b>36,508,782</b> |

The 2022 Budget was prepared based on anticipated net tax revenues of \$34,642,523. The recommended net tax revenue for 2023 is \$36,508,782, an increase of \$1,866,259. For 2023, the Metroparks budgeted revenue will surpass the previous peak year of 2008.

The Metroparks have received confirmation of the calculations of the 2022 tax millage rate and revenues from the State Department of Treasury, Assessment and Certification Division. At this time, it is necessary for the Board to certify the 2022 tax levy rate for each county.

**Attachment: 2016 – 2023 Tax Revenue Trends**

**Property Tax Levy  
Historical Data 2016-2023  
Huron-Clinton Metroparks Authority**

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|                            | <b>2016</b>          | <b>2017</b>          | <b>2018</b>          | <b>2019</b>          | <b>2020</b>          | <b>2021</b>          | <b>2022</b>          | <b>2023</b>          |
|----------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Livingston County</b>   | 1693299              | 1728341              | 1776026              | 1860156              | 1950597              | 2038199              | 2118025              | 2220172.17           |
| <i>% of Total</i>          | <b>6.0%</b>          | <b>5.9%</b>          | <b>5.9%</b>          | <b>6.0%</b>          | <b>6.0%</b>          | <b>6.0%</b>          | <b>6.1%</b>          | <b>6.1%</b>          |
| <b>Macomb County</b>       | 5437583              | 5396668              | 5533351              | 5745456              | 5994474              | 6237818              | 6422987              | 6760726.18           |
| <i>% of Total</i>          | <b>19.1%</b>         | <b>18.4%</b>         | <b>18.5%</b>         | <b>18.4%</b>         | <b>18.4%</b>         | <b>18.4%</b>         | <b>18.5%</b>         | <b>18.5%</b>         |
| <b>Oakland County</b>      | 10766960             | 11010893             | 11395116             | 11901165             | 12452525             | 12941291             | 13302827             | 14027954.53          |
| <i>% of Total</i>          | <b>37.9%</b>         | <b>37.6%</b>         | <b>38.1%</b>         | <b>38.1%</b>         | <b>38.2%</b>         | <b>38.2%</b>         | <b>38.4%</b>         | <b>38.4%</b>         |
| <b>Washtenaw County</b>    | 3126874              | 3203075              | 3300885              | 3466548              | 3654791              | 3854737              | 3922261              | 4136341.25           |
| <i>% of Total</i>          | <b>11.0%</b>         | <b>10.9%</b>         | <b>11.0%</b>         | <b>11.1%</b>         | <b>11.2%</b>         | <b>11.4%</b>         | <b>11.3%</b>         | <b>11.3%</b>         |
| <b>Wayne County</b>        | 7997144              | 7893747              | 7940852              | 8249110              | 8566222              | 8817507              | 8876422              | 9363588.02           |
| <i>% of Total</i>          | <b>28.1%</b>         | <b>26.9%</b>         | <b>26.5%</b>         | <b>26.4%</b>         | <b>26.3%</b>         | <b>26.0%</b>         | <b>25.6%</b>         | <b>25.6%</b>         |
| <b>Total Adjusted Levy</b> | <b>\$ 29,021,861</b> | <b>\$ 29,232,725</b> | <b>\$ 29,946,230</b> | <b>\$ 31,222,435</b> | <b>\$ 32,618,609</b> | <b>\$ 33,889,552</b> | <b>\$ 34,642,522</b> | <b>\$ 36,508,782</b> |
|                            | 3.14%                | 0.73%                | 2.44%                | 4.26%                | 4.47%                | 3.90%                | 2.22%                | 5.39%                |



To: Board of Commissioners  
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance  
Subject: Report – Monthly Natural Resources Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the monthly Natural Resources Report as recommended by Chief of Natural Resources and Regulatory Compliance and staff.

**Attachment: Monthly Natural Resources Report**



# NATURAL RESOURCES MONTHLY REPORT

JUNE 2022

Administrative Office  
13000 High Ridge Drive  
Brighton, MI 48814



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# SYSTEM-WIDE

## ADMINISTRATIVE

- Permitting and planning for late spring/early summer lake treatments.
- Rouge park natural areas plan implementation and updates.
- Hiring of new staff for open full-time and part-time positions continues.
- Grant reporting and administration for several ongoing grant projects, at Lake Erie, Lake St. Clair, Willow, Indian Springs.
- Upcoming lake treatments at Kent Lake, Stony Creek Lake, and Lake Erie Marina.



*Figure 1: Prescribed fire burns into the EDC Prairie management unit at Indian Springs Metropark.*



# SOUTHERN DISTRICT

## LAKE ERIE METROPARK

- Archaeological deep trenching and survey underway
- Marsh enhancement dredging project will proceed in July.

## OAKWOODS METROPARK

- Lymantria (Spongy) Moth control at Nature Center Woodlands.

## WILLOW METROPARK

- Upcoming planning and installation of green infrastructure, removal of parking lot and seeding of prairie to replace asphalt.

## LOWER HURON METROPARK

- Improvement of green infrastructure installations at North fishing site and kayak launch.



Figure 2: Native seed from Southern Michigan Bioregion, provided for Willow Big Bend Restoration by Pollinator Partnership.



# WESTERN DISTRICT

## KENSINGTON MEADOWS METROPARK

- Early season invasive species control in high priority areas continues.

## INDIAN SPRINGS METROPARK

- Preparing kick-off of Healing the Huron Headwaters grant project, to include invasive species removal and restoration of trees in the Huron Swamp and West Wetland Complex.
- Lymantria (Spongy) Moth control in East Huron Swamp along nature and bike trails.

## DEXTER-HURON METROPARK

- Early season invasive species control in high priority natural areas focusing on Japanese Barberry.



*Figure 3: Natural Resources crewmember Mike Shields stands next to felled Oak tree suffering termite damage at Dexter-Huron Metropark.*

# EASTERN DISTRICT

## STONY CREEK METROPARK

- Lymantria (Spongy) Moth control at Stony Creek in the Nature Center and Sheldon Trails area.

## LAKE ST. CLAIR METROPARK

- Preparation for final grading and installation of erosion control materials and seeding, pending final alignment and plans for sewer redevelopment by local municipality.

## WOLCOTT MILL METROPARK

- Lymantria (Spongy) Moth control at parcel near Ray Township office at Wolcott Metropark.

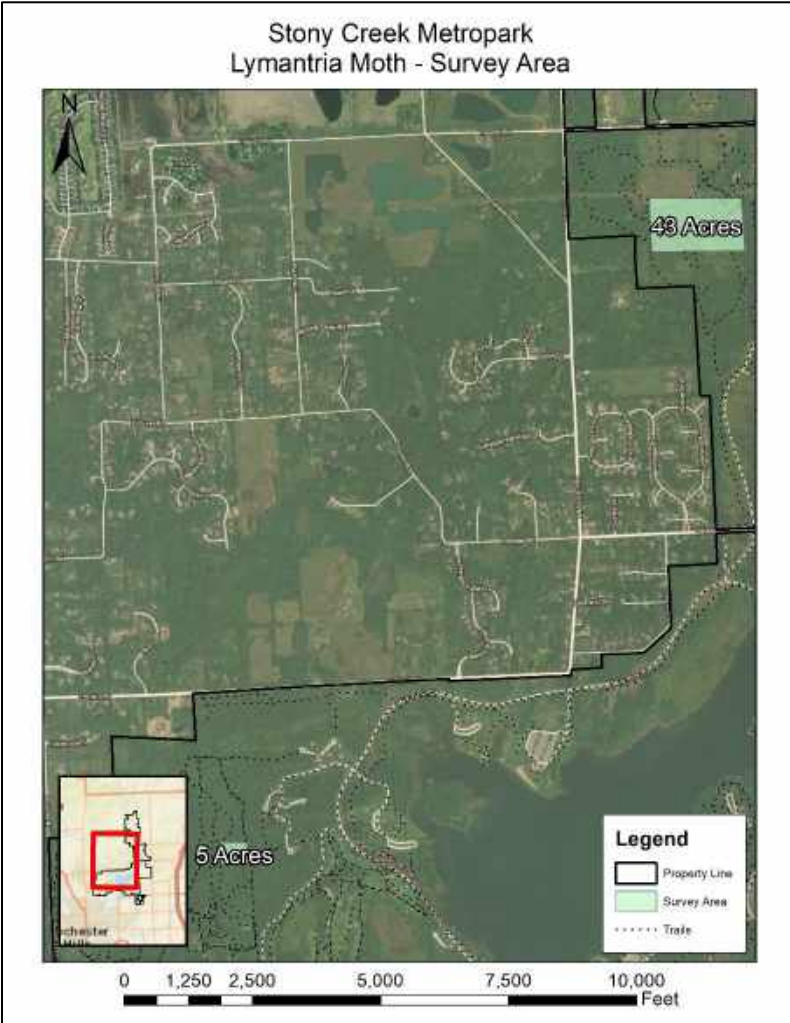


Figure 4: Lymantria Moth treatment at Stony Creek Metropark.

# WHAT'S NEXT?

## SYSTEM-WIDE

- Spring invasive species survey and control completion.
- Lake Survey and treatment.
- Stormwater and water quality improvement planning with internal staff and partners.

## SOUTHERN DISTRICT

- Shoreline excavation and grading, and marsh dredging at Lake Erie Metropark
- Big Bend restoration planning, beginning grading work for prairie plantings
- Eastern Prairie Fringed Orchid survey and habitat management.

## WESTERN DISTRICT

- Garlic Mustard control by staff and volunteers in quality natural areas.

## EASTERN DISTRICT

- Shoreline restoration grading and seeding at Lake St. Clair
- Lake St. Clair Groundwater study conducted by USGS for beach restoration grant.





To: Board of Commissioners  
From: Jay Bibby, Interim Chief of Planning and Development  
Subject: Report – Planning and Development Department Monthly Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Planning and Development Department Monthly update as recommended by Interim Chief of Planning and Development Jay Bibby and staff.

**Background:** The following are highlights of the activities of the Planning and Development Department for June 2022.

Project/Initiative Implementation

- Lower Huron Metropark Master Plan Update Draft Plan completed
- Hudson Mills Metropark Master Plan Update Draft Plan completed
- ETC Institute survey dashboard tool for the Five-Year Community Recreation Plan presented at Operations Meeting and shared for staff access to the dashboard tool weblink.
- Metropark to State Park Feasibility Study completed with preliminary engineering design for regional non-motorized connection between Brighton Recreation Area-Huron Meadows Metropark-Island Lake Recreation Area-Kensington Metropark.
- Regional Swim Report Draft Plan completed.

Planning & Community Engagement

- Willow Metropark Big Bend Stakeholder Meeting #3.
- Lake St. Clair Metropark Master Plan Update Steering Committee Meeting #1.
- Wolcott Mill Metropark Master Plan Update Steering Committee Meeting #1.
- Shelden Historical sign unveiling and historical hike in collaboration with Oakland Historical Society scheduled for June 21.

Programming

- Swim in the D swim lessons for Brennan, Adams Butzel, and Heilmann has approximately 750 participants hosted by city of Detroit Parks and Recreation, in partnership with the Detroit Riverfront Conservancy.
- Swim lessons and water safety – Washtenaw County at Rutherford Pool in Ypsilanti has approximately 300 participants.
- Swim lessons and water safety – Macomb County at Mt. Clemens YMCA has approximately 175 participants.
- A total of more than 1060 students from March-May participated in the Detroit Public School Community District Recreation field trips located at Lake St. Clair, Lake Erie, Oakwoods and Stony Creek.
- Summer Solstice Junior Disc Golf clinic and tournament scheduled for June 18 at Hudson Mills Metropark.

Land Issues

- City of Flat Rock lease agreement and water main easement under legal/engineering review.

Grants

- Awarded a US EPA green infrastructure grant project at Lake Erie Metropark with restoration work at the Wyandot Six Points adjoining property. Setting up the kick-off meeting along with a MOU for the partnership agreement between Wyandot Nation and the Metroparks. The draft MOU will be recommended for Board approval at the July Board meeting.
- Applied for a SEMCOG infrastructure planning grant in partnership with Macomb County. The grant would study electric vehicle (EV) site and infrastructure needs for Lake St. Clair Metropark, Freedom Hill and Stony Creek Metropark.

**Attachment:                    Planning and Development Department Monthly Update which includes Monthly Grant Updates**



# PLANNING AND DEVELOPMENT MONTHLY REPORT

June 2022






Administrative Office  
13000 High Ridge Drive  
Brighton, MI 48114



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| OTHER DEPARTMENT INPUT KEY  |  |
|---|--|
|  | Natural Resources and Regulatory Compliance  |
|  | Planning and Development                     |
|  | Diversity, Equity and Inclusion              |
|  | Interpretive Services and Community Outreach |
|  | Engineering                                  |

# SYSTEM-WIDE

**Restoration** – Linear feet or acreage of project impact for shoreline protected or restored, wetlands protected or restored, floodplain protected or mitigated

**Invasive Species Management** – Linear feet or acreage of project impact treating invasive species

**Habitat and Wildlife Protected** – Linear feet or acreage of project impact for fish habitat, fish barriers removed or bypassed, species moved or avoided

**Partnerships** – Outside agency funding sources (total cost/sharing percentage)

**Volunteers** – Total number of volunteers/workdays

**Grant/Foundation Funding** – Total funding/match

**Visitor Counts** – Total number of visitors weekend/weekday









**Best practices education** – Project emphasizes educational and interpretational opportunities

**Estimated cost** – Total estimated or actual cost of project

**Accessibility** – Determine if facility or programs designed for accessibility (A) or if barriers (B) exist based on ADA checklist

**Staff time** – Total number of staff hours estimated









## Administrative

|            | Description                                      | Action Type                      | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions                                      |
|------------|--|----------------------------------|---|---------|--------------------------|--|
| SYSTEMWIDE | Planning and Development monthly reports         | Report                           |  | Monthly | Staff time               | Report assembly, grant monthly updates                 |
|            | Tollbooth scanning reports                       | Report                           |  | Monthly | Staff time               | Ongoing  |
|            | Foundation administrative tasks                  | Various                          |  | Ongoing | Staff time               | Administrative tasks, scheduling annual board meeting. |
|            | Sign request processing/signage transition plans | Infrastructure/ Small Facilities |  | Ongoing | Actual cost              | Administrative tasks                                   |
|            | CAPRA accreditation preparation                  | Report                           | Various   | Ongoing | Staff time               | P&D support provided for all Chapter Chairs            |
|            | FAIR Play Coalition maintenance and development  | Various                          |  | Ongoing | Volunteers               | Feedback sought for accessible projects                |
|            | CAPRA Programming Ch. 6                          | Various                          |  | Ongoing | Staff time               | Documentation assembly                                 |
|            | CAPRA Planning Ch. 2                             | Report                           |  | Ongoing | Staff time               | Documentation assembly                                 |
|            | Commemorative trees and benches                  | Various                          |  | Ongoing | Staff time               | Administrative tasks                                   |







# SYSTEM-WIDE

## HCMA Studies/Initiatives





| Description  | Action Type | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions  |
|--|-------------|---|---------|--------------------------|--|
| Volunteer Management   | Plan        |    | Ongoing | Staff time               | Researching community partners for 2022 recreational events and volunteers with DEI focus. |
| Community Recreation Plan 5-County SE Michigan survey dashboard tool | Plan        |    | Ongoing | Staff time/Consultant    | ETC regional survey dashboard tool deliverable being shared with staff                     |
| Sustainability Plan projects coordination                            | Various     |    | Ongoing | Various                  | CAPRA Sub-Committee working on sustainability policy standards                             |
| Trail Ambassador program   | Report      |    | August  | Staff time               | Working with marketing to launch officially in spring 2022                                 |
| ADA Transition Plan  | Plan        |    | Ongoing | Staff time               | Updates ongoing.   |
| Visitor count program  | Various     |   | Ongoing | Staff time               | Summer 2022 visitor count planning underway.   |
| Visitation data documentation and analysis                           | Report      |  | Ongoing | Staff time               | Cross-department planning for 2022 data collection meeting continue in June                |
| Interpretive Master Plan demographic and other data analysis         | Report      |  | Ongoing | Staff time               | Support for Interpretive Services staff for interpretive plan development on pause         |

## Grants/Fundraising


| Description                       | Action Type | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions   |
|-----------------------------------|-------------|---|---------|--------------------------|---|
| REI Grant Rouge Park              | Plan        |  | Ongoing | Staff time               | No action to report   |
| GOAL- Various grant opportunities | Plan        |  | Ongoing | Staff time               | 24 teachers (1624 students) have applied to date; programming ongoing   |
| RCWJ Foundation                   | Plan        |  | Ongoing | Staff time               | Trail connectors identified for MTSE, draft RFP in progress for consultant; Exploring RAISE grant opportunities |
| DTE E-Fleet Program               | Plan        |  | Ongoing | Staff time               | E-Fleet application being developed   |

# SYSTEM-WIDE

## Recreation Programming

| Description  | Action Type    | Dept. Input   | Timing      | Implementation Indicator | June 2022 Actions  |
|--|----------------|---|-------------|--------------------------|--|
| 2022 Recreation Programming                        | Various        |  | On going    | Staff time               | Meeting with Marketing to discuss 2022 evaluation forms for CAPRA.   |
| DIA's Inside/Out program                           | Various        |  | On going    | Staff time               | Art installations completed for Willow, Wolcott, and Indian Springs. |
| Programming Evaluation                             | Various        |  | On going    | Staff time               | Ongoing  |
| Swim program development plan (SE Michigan region) | Plan & Program |  | Winter 2022 | Consultant Report        | Final draft plan completed.  |

## Project Implementation/Oversight

| Description                              | Action Type    | Dept. Input   | Timing   | Implementation Indicator | June 2022 Actions   |
|--|----------------|---|----------|--------------------------|---|
| PNC Grant                                | Documentation  |  | Ongoing  | Check received           | Programs well received, continues through early June; final report due 6/30   |
| EGLE Recycling Bin Grant                 | Plan           | Various   | May 2021 | Staff time               | 4 <sup>th</sup> quarterly report submitted. Training for staff completed with Waste Management outreach services at ops meeting |
| Nature trail wayfinding sign development | Implementation | Various   | Ongoing  | Staff time               | Project budgeted for 2022 based on plan recommendations   |
| ESRI ArcGIS Administration               | Documentation  | Various   | Ongoing  | Staff time               | Installation ready for implementation and in the IT queue.  |

# SOUTHERN DISTRICT





Lower Huron Master Plan Update Draft Completed



# SOUTHERN DISTRICT

## Grants/Fundraising



|     | Description                               | Action Type      | Dept. Input   | Timing     | Implementation Indicator | June 2022 Actions  |
|-----|---|------------------|---|------------|--------------------------|--|
| LER | 2021 TF- Cherry Island Trail Improvements | Large Facilities |  | April 2021 | Staff                    | Grant project awarded.Awaiting project agreement from DNR.   |
|     | 2021 GLRI-EPA Nonpoint Source Grant       | Large Facilities |  | Ongoing    | Staff time               | Partnering with Wyandot to perform ecological restoration at Six Points and SWMP green infrastructure improvements at LEr.; Awaiting MOU agreement |
|     | 2020 LWCF - Walnut Grove Campground       | Documentation    | Various   | 2021       | Staff time               | Waiting on NPS Project Agreement, to be executed   |
|     | 2020 LWCF - Off-Leash Dog Area            | Documentation    | Various   | 2021       | Staff time               | Waiting on NPS agreement   |

## Project Implementation/Oversight


|     | Description   | Action Type      | Dept. Input | Timing          | Implementation Indicator | June 2022 Actions                                      |
|-----|---|------------------|-------------|-----------------|--------------------------|--|
| LHu | Accessible railroad crossing along hike-bike trail    | Small Facilities | Eng         | 2022 Completion | Construction             | Project agreement underway with CSX.                   |
| Wfl | SE Michigan Resilience Fund-Big Bend Area Restoration | Large Facilities | Eng/NR      | Ongoing         | Staff                    | Stakeholder meeting scheduled for June                 |
|     | Shelden Trails Ribbon Cutting Ceremony                | Implementation   | Various     | Ongoing         | Staff time               | Ceremony video led by Marketing Dept. produced on 4/29 |

# SOUTHERN DISTRICT



## Project Implementation/Oversight, cont.

|     | Description  | Action Type      | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions   |
|-----|--|------------------|---|---------|--------------------------|---|
| LEr | 2019 LWCF - Oakwoods Accessible Nature Trail       | Large Facilities |  | Ongoing | Staff time               | Project Agreement executed by DNR/NPS, design work being scheduled with engineering dept. beginning design in Oct. 2022 |
|     | 2019 LWCF - Lake Erie Accessible Boat/Kayak Launch | Large Facilities |  | Ongoing | Staff time               | DNR project agreement executed, engineering design next step  |

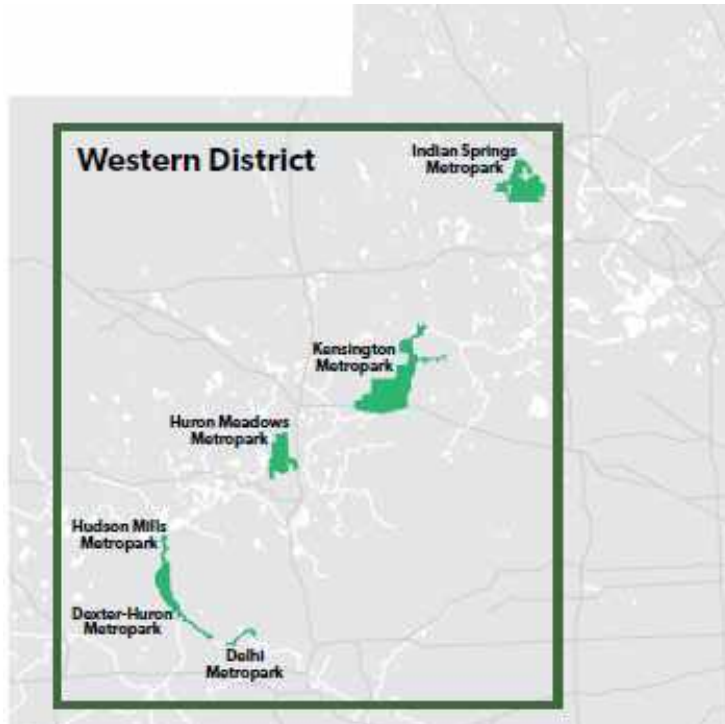
## Facility Concept Planning

|     | Description                             | Action Type         | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions                                     |
|-----|---|---------------------|---|---------|--------------------------|---|
| LEr | Lake Erie Shoreline Restoration Project | Spoil Pile Location | Ops . NR  | October | Staff time               | Archaeological services underway                      |
|     | Adaptive Ballfield Concept Plan         | Plan                |  | 2022    | Staff time               | Stakeholder field trip to Miracle Field, Plymouth, MI |

## HCMA Studies/Initiatives

|     | Description                        | Action Type      | Dept. Input   | Timing | Implementation Indicator | June 2022 Actions  |
|-----|------------------------------------|------------------|---|--------|--------------------------|--|
| LEr | Marina building study              | Large Facilities |  | 2021   | Consultant               | Master planning concept design 75% completed by architect  |
| Oak | NOAA Dam Removal Feasibility Study | Large Facilities |  | 2023   | Consultant               | Great Lakes Fisheries Commission meeting on 5/2 to discuss cost estimates for proposed scope of work items (no update since) |

# WESTERN DISTRICT






## Dexter-Huron Metropark Rapids View Development








# WESTERN DISTRICT

## Administrative




|      | Description   | Action Type      | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions   |
|------|---|------------------|---|---------|--------------------------|---|
| Del  | Border-to-Border trail design and construction            | Large Facilities |  | Ongoing | Estimated Cost           | Washtenaw County leading design efforts; attendance at meetings as necessary                                  |
| MISC | Livingston County Parks and Open Space Advisory Committee | Partnership      |  | Ongoing | Staff time               | Attendance at regular POSAC meetings. Trail counter in place at Fillmore County Park. Data downloaded monthly |
|      | Friends of the Lakelands Trail Steering Committee         | Partnership      |  | Ongoing | Staff time               | Represent HCMA as a participating steering committee member that meet monthly                                 |

## Grants/Fundraising


|     | Description                | Action Type      | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions  |
|-----|----------------------------|------------------|---|---------|--------------------------|--|
| Del | Skip's Livery improvements | Large Facilities |  | Ongoing | Staff time               | DNR Trust Fund grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022. |
| KEN | Kubota Hometown Proud      | Partnership      |  | Ongoing | Staff time               | Greenhouse and raised garden beds to replace community garden                                      |
| ISp | CE Headwaters Restoration  | Partnership      |  | Ongoing | Staff time               | Awarded project, project team meeting to discuss scope of work 5/11. MOU with MNA being developed. |

# WESTERN DISTRICT

## Project Implementation/Oversight

|        | Description  | Action Type      | Dept. Input   | Timing  | Implementation Indicator | June 2022 Actions  |
|--------|--|------------------|---|---------|--------------------------|--|
| Ken    | 2019 TF West Boat Launch Accessible Launch Project | Large Facilities |  | Ongoing | Staff time               | Construction staking underway  |
| HMills | 2019 TF Rapids View Accessible Launch Project      | Large Facilities |  | Ongoing | Staff time               | Construction underway. Aggregate base placed on upper and lower parking lots |
| DHu    | 2020 TF – Dex-Huron Accessible Launch              | Large Facilities |  | Ongoing | Staff time               | Engineering design adhering to Natural Rivers Permit requirement             |

## Facility Concept Planning

|  | Description                     | Action Type      | Dept. Input   | Timing | Implementation Indicator | June 2022 Actions   |
|--|---------------------------------|------------------|---|--------|--------------------------|---|
|  | Off-leash dog area concept plan | Large Facilities |  | August | Staff time               | Site selection phase underway reviewing optimal location in Western District. |

## HCMA Studies/Initiatives

|        | Description                      | Action Type | Dept. Input | Timing | Implementation Indicator | June 2022 Actions                         |
|--------|----------------------------------|-------------|-------------|--------|--------------------------|---|
| HMills | HMills Master Plan 5-Year Update | Plan        | Various     | 2021   | Staff time               | master plan 5-year update draft completed |



# EASTERN DISTRICT



## Wolcott Mill Metropark Farm Center Concept Planning






# EASTERN DISTRICT





## Administrative

|       | Description                  | Action Type      | Dept. Input   | Timing    | Implementation Indicator | June 2022 Actions   |
|-------|------------------------------|------------------|---|-----------|--------------------------|---|
| WMIII | Schmidt Property Acquisition | Land Acquisition |  | Fall 2020 | Acquisition              | Working on demolition of deteriorated barns and other structures on site. |

## Grants/Fundraising



|     | Description  | Action Type      | Dept. Input   | Timing     | Implementation Indicator | June 2022 Actions   |
|-----|--|------------------|---|------------|--------------------------|---|
| SCR | 2022 LWCF/MNRTF- Stony Creek Reflection Trail Accessible Trail Development | Small Facilities |    | Ongoing    | Staff time               | DNR Trust Fund and LWCF grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022.                   |
| LSC | Michigan Coastal Management Program Grant – Accessible Kayak Launch        | Large Facilities | Various   | Ongoing    | Staff time               | Grant agreements signed, ready for engineering design.  |
|     | Macomb County Birding Platform   | Small Facilities |  | March 2022 | Staff time               | Conceptual birding platform completed. Site visit with Macomb County discussed potential site location moved to nature trails |
|     | 2022 LWCF- West Boardwalk Accessibility Improvements                       | Small Facilities |  | April 2021 | Staff time               | LWCF Fund grant submitted on April 1, 2022; Anticipate preliminary scores in early fall 2022.                                 |

## Project Implementation/Oversight

|     | Description  | Action Type      | Dept. Input   | Timing          | Implementation Indicator | June 2022 Actions  |
|-----|--|------------------|---|-----------------|--------------------------|--|
| LSC | Transit Planning for Access to LSC                               | Large Facilities |  | 2021 Completion | Consultant/Staff         | Metropark Express launched to continue through 2022. Strategy in progress with SMART for continued marketing efforts and data reporting/analysis |
|     | LSC Beach Restoration Project- Nonpoint Source Pollution Project | Large Facilities |  | 2023 Completion | Staff time               | QAPP being reviewed by EGLE. Meeting with USGS May 3rd   |
|     | Nature Trail wayfinding signage plan development                 | Small Facilities |  | July            | Staff time               | Development of a wayfinding plan for the nature trail system as a guide to update trail signage  |
|     | 2019 TF – Off-leash Dog Area Development                         | Large Facilities |  | Ongoing         | Staff time               | Contractor work not completed due to weather in spring   |

# EASTERN DISTRICT

## Project Implementation/Oversight, Cont.

|     | Description                                       | Action Type      | Dept. Input   | Timing          | Implementation Indicator | June 2022 Actions  |
|-----|---|------------------|---|-----------------|--------------------------|--|
| SCr | Shelden Trails Signage Plan                       | Small Facilities | Mkting  | 3 months        | Staff time               | Mapping and signing of ski trails and intersection numbers completed |
|     | 26 Mile Connector Trail TAP Grant                 | Large Facilities |  | 2022 Completion | Staff time               | Construction underway  |
|     | Mound Rd. north of fire station sidewalk easement | Small Facilities |  | 2022 Completion | Staff time               | Preliminary site plan approved. Easement review under legal review   |

## Recreation Programming

|  | Description                           | Action Type | Dept. Input   | Timing | Implementation Indicator | June 2022 Actions  |
|--|---------------------------------------|-------------|---|--------|--------------------------|--|
|  | Planning for LSC swim lessons in 2022 | Programming |  | 2022   | Staff time               | Budget and job descriptions completed. Awaiting facility needs from swim audit |

## HCMA Studies/Initiatives

|     | Description | Action Type | Dept. Input | Timing | Implementation Indicator | June 2022 Actions |
|-----|-------------|-------------|-------------|--------|--------------------------|-------------------|
| SCr | None        |             |             |        |                          |                   |

## Facility Concept Planning

|     | Description                            | Action Type | Dept. Input | Timing | Implementation Indicator | June 2022 Actions   |
|-----|--|-------------|-------------|--------|--------------------------|---|
| SCr | Baypoint Beach concept plans developed | Plan        | Various     | 2021   | Staff time               | Preferred concept replacement of tent facility with event shelter |

## Grant Updates - June 2022

### In Progress

| Grant program                       |  | JV/MN | Project/Park               | Amount   | Match   | Due Date  | Applicant | Notes  |
|-------------------------------------|--|-------|----------------------------|----------|---------|-----------|-----------|--|
| US DOJ Bulletproof Vest Partnership |  | MN    | Police Department          | TBD      | 50%     | 6/27/2022 | HCMA      | Working w/Sgt. Proudlock on bulletproof vests for PT officers  |
| Four County Community Foundation    |  | MN    | Wol & SC Educ. Programming | \$16,000 | -       | 7/1/2022  | MF        | For nature center programs, outreach programs, and microscopes |
| RCWJ Foundation                     |  | JV    | Trail Connectors/SEMTAT    | TBD      | TBD     | TBD       | MF        | Priorities to MITSE, draft RFP in progress                     |
| DTE                                 |  | JV    | Efleet / Stony Creek?      | TBD      | TBD     | TBD       | HCMA      | Details still pending  |
| DTE Foundation                      |  | JV    | Tree plantings at HMI      | \$4,000  | \$4,000 | 6/17/2022 | HCMA      | Working with Tamra   |

### Grant Applications Awaiting Response

| Grant program                  | Project # | JV/MN | Project/Park                     | Award Amt   | Match       | Submitted | Applicant | Notes   |
|--------------------------------|-----------|-------|----------------------------------|-------------|-------------|-----------|-----------|---|
| NOAA GLs Fish Habitat Restor.  |           | MN    | Flat Rock Dam Feasibility        | \$1,475,000 | \$25,000    | 1/12/2022 | GLFC      | Update to include feasibility & design w/award increase; Oct. award   |
| DNR TF '22                     |           | MN    | DEL Launch/Take-out Renovator    | \$300,000   | \$302,600   | 3/30/2022 | HCMA      | Passed administrative review; preliminary scores in early fall '22  |
| Kubota Hometown Proud          |           | MN    | KFC Garden Renovation            | \$100,000   | -           | 4/15/2022 | HCMA      | Greenhouse & raised garden beds to replace community garden   |
| Fed. Community Project via DOT |           | MN    | Liv. Co. Connector Trails Design | \$900,000   | TBD         | 4/22/2022 | HCMA      | Selected for '23 funding consideration; hearings in summer; bills in fall   |
| SEMCOG Planning Assistance     |           | JV    | EV Infrastructure planning       | \$40,925    | \$6,050     | 5/27/2022 | Macomb    | For LSC, Stony. Macomb putting in \$3025 to include Freedom Hill  |
| Fed. Community Project         |           | JV    | LSC North Marina                 | \$500,000   | -           | 4/14/2022 | HCMA      | Apprpr. Request submitted to Lisa McLain for engineering  |
| Macomb Appropriations          |           | JV    | LSC North Marina                 | \$5,000,000 | \$1,000,000 | 5/17/2022 | HCMA      | Appropriations request for phase 1  |
| LWCF 2022                      |           | JV    | LSC West Boardwalk               | \$500,000   | \$500,000   | 4/1/2022  | HCMA      | Expect project cost to be higher, had to reduce match to 50%  |
| LWCF & MNRTF 2022              |           | JV    | Stony Creek Reflection Trail     | See notes   | See notes   | 4/1/2022  | HCMA      | Full cost is \$1,155,800. TF grant is for \$300,000, LWCF grant is for \$500,000. Cash match is \$825,800 and \$625,800 respectively with \$30,000 in in-kind engineering |

### Grant Administration

| Grant program                | Project #  | Mgmt  | Park/Project                  | Award Amt | Match     | Deadline   | Applicant | Updates  |
|------------------------------|------------|-------|-------------------------------|-----------|-----------|------------|-----------|--|
| LWCF '18                     | 50619.419  | MN/JK | LH North Fishing Site         | \$144,400 | \$144,400 | 4/30/2022  | HCMA      | Final reimbursement submitted; waiting on DNR review                     |
| GLRI-FS '18                  | 50219.688  | MN/TM | LSC Black Cr Shoreline        | \$160,211 | -         | 12/31/2022 | HCMA      | Waiting on Twp. to share sewer line plans; some grading/planting soon    |
| Impact 100 - Oakland Co. '18 |            | MN/PB | KFC Seeding Green Future      | \$90,000  | -         | 11/18/2022 | MF        | Creating hydroponic exhibit; discussing best use of remaining funds      |
| MNRTF '19                    | 50820.218  | MN/JK | HMI Rapids View Launch        | \$226,400 | \$226,900 | 8/31/2022  | HCMA      | Construction in-progress; on time for project completion                 |
| LWCF '19                     | 51120.114  | MN/AS | Oak Access. Nature Trails     | \$124,000 | \$124,000 | 2/29/2024  | HCMA      | Project Agreement executed; design anticipated in Oct. '22               |
| LWCF '20                     | 50621.500  | MN/?  | LH WGr Campground             | \$300,000 | \$150,000 | TBD        | HCMA      | Waiting on NPS agreement   |
| MNRTF '20                    | 50821.221  | MN/KE | DxH Accessible Launch         | \$192,700 | \$192,800 | 5/31/2023  | HMCA      | Finalizing design plan   |
| Ford Volunteer Corps '20     |            | MN/KK | Oak Prairie Plantings         | \$4,000   | -         | 11/30/2021 | MF        | Half of native plugs planted; scheduling remaining w/NR Dept.            |
| NFWF-SEMRF '21               | 51021.319  | MN/TM | Wil Big Bend Area Restoration | \$250,000 | \$177,859 | 6/30/2023  | HCMA      | Final design from HRC; submitted to EGLE, waiting response               |
| Ford Volunteer Corps '21     |            | MN/KK | Wolcott Raised Garden Beds    | \$7,500   | -         | 11/30/2021 | MF        | Fence & ADA garden bed have been installed; developing new sign          |
| PNC '21                      |            | MN/JJ | W. MLC Early Childhood Educ.  | \$5,000   | -         | 6/25/2022  | MF        | Programs well received; continues thru early June; final report due 6/30 |
| Towsley Foundation '21       |            | MN/JJ | GOAL                          | \$5,000   | -         | 12/31/2022 | MF        | Programming ongoing  |
| Anonymous Foundation '21     |            | MN/JJ | GOAL                          | \$10,000  | -         | 7/31/2022  | MF        | Programming ongoing  |
| NEEF-Toyota '21              |            | MN/KK | Beach Wheelchairs             | \$20,000  | ~\$5,000  | 10/31/2022 | HCMA      | PO for chairs went out 4/8; waiting on delivery                          |
| DNR TF '21                   |            | MN    | LE Cherry Island Trail        | \$300,000 | \$192,500 | TBD        | HCMA      | Project funded; awaiting project agreement from DNR                      |
| Consumers Energy Found.      | 90022.1159 | MN    | IS Headwater Restoration      | \$100,000 | -         | TBD        | HCMA      | Developing MOU with MNA and RFP for invasives control & planting         |

| GLRI-EPA Nonpoint Source       |            | MN    | Green Infrastructure @ LE       | \$483,500   | \$174,300 | 5/31/2024    | HCMA      | Setting up project kick-off mtg; developing MOU w/Wyandot         |
|--------------------------------|------------|-------|---------------------------------|-------------|-----------|--------------|-----------|---|
| DNR Iron Belle Trail           | 50529.126  | JV/MH | LH IBT Design Engineering       | \$82,075    | \$23,400  | 9/1/2021     | HCMA      | PEA to do field engineering                                       |
| MNRTF '19                      | 50420.112' | JV/AS | Ken West Boat Launch Dev        | \$154,000   | \$154,000 | 8/31/2022    | HCMA      | Contractor approved at April BOC meeting                          |
| LWCF '19                       | 51220.241  | JV    | LE Kayak Launch                 | \$122,500   | \$122,500 | 6/1/2024     | HCMA      | Project Agreement Signed  |
| MNRTF '19                      | 50920.555' | JV/JK | SC Off Leash Dog Area           | \$50,000    | \$88,500  | 8/31/2022    | HCMA      | Fence being installed, all amenities ordered                      |
| TAP Grant                      |            | JV/JK | SC 26-Mile Connector Trail      | \$214,455   | \$43,000  | 12/31/2021   | Macomb Co | Construction underway   |
| Ralph C. Wilson Jr. Foundation |            | JV    | Southern District               | \$2,682,755 | -         | ??           | MF        | Progress report submitted   |
| REI                            |            | JV/KK | Rouge Park Prairie              | \$10,500    | -         | 12/31/2021   | HCMA      | Tour or prairie given to REI w/Friends of Rouge Park on 4/30      |
| EGLE Non point source          | 50220.696  | JV/NK | LSC Beach                       | \$300,000   | \$100,000 | 12/31/2023   | HCMA      | QAPP is being reviewed by EGLE, meeting w/USGS on 5/3             |
| EGLE - Recycling               |            | JV/JB | Western & Southern Districts    | \$48,816    | \$12,204  | 9/29/2023    | HCMA      | 4th quarterly report submitted                                    |
| MNRTF '20                      |            | JV    | LH IBT                          | \$300,000   | \$416,766 | 6/1/2023     | HCMA      | Contractor approved at April BOC meeting                          |
| LWCF '20                       |            | JV    | LH Off-Leash Dog Area           | \$165,400   | \$165,400 | ~ Summer '23 | HCMA      | Project agreement coming soon                                     |
| Healthy Catalyst               |            | JV    | Adaptive Kayak equipment        | \$2,950     | \$0       | 10/30/2020   | HCMA      | \$166 left to spend. Trained Kensington staff on 8/6              |
| REI                            | 90020.1147 | JV    | Rouge Park Prairie              | \$8,000     | TBD       | 5/4/2021     | MF        | Requesting scope change, per City direction                       |
| NOAA/Great Lakes Commission    |            | JV/TM | Lake Erie Shoreline Restoration | \$1,449,609 | \$135,194 | extended     | HCMA      | Commonwealth trenching to commence soon. GEI contract expired     |
| Renew MI - DRFC                |            | JV    | DRFC                            | \$1,000,000 | N/A       | 4/30/2021    | HCMA      | second quarterly report submitted                                 |
| MCMP                           |            | JV    | LSC Accessible Launch           | \$194,863   | \$194,863 | 12/31/2022   | HCMA      | Bids came in 5/27 - contractor selection to go on June BOC agenda |

# Recreation Programs & Events- April 2022

| Scheduled  |                                       |                  |   |                       |   |
|--|---------------------------------------|------------------|---|-----------------------|---|
| Program  | Project/Park                          | Dates            | Activity                                | Est # of Participants | Notes   |
| Swim in the D swim lessons                           | Brennan, Adams Butzel, Heilmann       | March- July      | Swim lessons                            | 750                   | Hosted by City of Detroit P & R, in partnership with DRC  |
| Swim lessons and water safety- Washtenaw Co          | Rutherford Pool- Ypsilanti            | May- September   | Swim lessons                            | 300                   | Hosted by Friends of Rutherford pool  |
| Swim lessons and water safety- Macomb Co             | Mt Clemens YMCA                       | June-September   | Swim lessons                            | 175                   | Hosted by Mt Clemens YMCA   |
| Metroparks Adaptive Recreation Clinics               | Lower Huron & Lake Erie               | May-October      | Handcycling, Tennis, Softball, Football | 100+                  | In collaboration with SportAbility  |
| Summer Solstice Junior Disc Golf clinic & tournament | Hudson Mills                          | June 18th        | Disc Golf                               | 72                    | In collaboration with A3 Disc Sports club, SRSLY Dexter, Big Brothers Big Sisters of Washtenaw County |
| Big Fat Family Reunion                               | Willow                                | July 9th         | Swim, Basketball, Hike, BBQ, Music      | 200+                  | In collaboration with DABO  |
| Adaptive Kayak                                       | Stony Creek                           | August 4th       | Adaptive kayaking                       | 12+                   | In collaboration with Disability Network and Oakland Co Parks   |
| Howl at the Moon MTB Festival                        | Stony Creek                           | October 1st      | Mountain Biking                         | 200+                  | In collaboration with CRAMBA, REI, SportAbility   |
|  |                                       |                  |   |                       |   |
| In Progress  |                                       |                  |   |                       |   |
| Program  | Project/Park                          | Dates            | Activity                                | # of Participants     | Notes   |
| Water safety & Swim lessons- Oakland Co              | Pontiac                               | July & August    | Swim lessons                            | TBD                   | In partnership with Oakland Sherriff PAL  |
| Water safety & Swim lessons- Wayne Co                | Chandler Park                         | June-August      | Swim lessons                            | 80-125                | In partnership with Wayne Co & AquaLyfe   |
| Water safety & Swim lessons- Belle Isle              | Belle Isle                            | July & August    | Swim lessons                            | TBD                   | In partnership with DNR & AquaLyfe  |
| Water safety & Swim lessons- Livingston Co           | TBD                                   | July & August    | Swim lessons                            | TBD                   | In partnership with SELCRA  |
| Juneteenth event                                     | Wayne Co                              | June 19/20       | TBD                                     |                       | In collaboration with Wayne County Parks  |
| Shelden Historical sign unveiling & historical hike  | Shelden Trails, Stony Creek           | 6/21/22          | unveiling & historical hike             | 20-Dec                | In collaboration with Oakland Historical Society  |
| Fishing clinics                                      | Southern district                     | Summer 2022      | Fishing                                 |                       | In partnership with Cabela's  |
| Yoga in the park                                     | Multiple                              | Fall 2022        | Yoga                                    |                       | In partnership with Lululemon   |
| Cross Country Ski & Fitness clinic                   | Huron Meadows                         | Winter 2022/2023 | Cross Country Ski                       |                       | In collaboration with Ian Torchia, retired professional skier   |
|  |                                       |                  |   |                       |   |
| Completed  |                                       |                  |   |                       |   |
| Program  | Project/Park                          | Dates            | Activity                                | # of Participants     | Notes   |
| DPSCD- Recreation Field Trips                        | LSC, Lake Erie, Oakwoods, Stony Creek | May 9-31         | Foot Golf, Golf, Biking                 | 480                   | 7th grade students  |
| DPSCD- Recreation Field Trips                        | Stony Creek, Oakoods, Lake Erie       | March 9-16       | Hiking                                  | 198                   | 6th grade students  |
| DPSCD- Recreation Field Trips                        | Oakwoods                              | April 13-15      | Hiking                                  | 90                    | 6th grade students, one high school   |
| DPSCD- Recreation Field Trips                        | Stony Creek                           | April 21-29      | Biking                                  | 300                   | High School students  |
| Earth Day clean-up events                            | Mutiple                               | April 23 & 24    | park litter clean-up                    | 320                   | LSC, Lake Erie, Kensington, Stony Creek   |
| Shelden Trails- Ribbon cutting video                 | Stony Creek                           |                  | Celebration of new trails               |                       | In lieu of on-site event, video to highlight trail was produced                                       |

# WHAT'S NEXT?

|                   | Description  | Action Type       |
|-------------------|--|-------------------|
| SYSTEM WIDE       | CAPRA documentation assembly                           | Staff time        |
|                   | Swim lessons and water safety program                  | Staff time        |
|                   | DPSCD Recreation Field Trips                           | Staff time        |
|                   | Swim in the D swim lessons                             | Staff time        |
|                   | Electric Vehicle Initiatives                           | Staff/consultants |
| EASTER DISTRICT   | Lake St. Clair Master Plan Update                      | Staff time        |
|                   | Wolcott Mill Master Plan Update                        | Staff time        |
| WESTERN DISTRICT  | Programming Evaluations                                | Staff time        |
|                   | Summer Solstice Junior Disc Golf clinic and tournament | Staff time        |
| SOUTHERN DISTRICT | Big Fat Family Reunion                                 | Staff time        |
|                   | Adaptive Ballfield stakeholder and community input     | Staff time        |
|                   | Metroparks Adaptive Recreation Clinics                 | Staff time        |









To: Board of Commissioners  
From: Jennifer Jaworski, Chief of Interpretive Services  
Subject: Report – Interpretive Services Department Monthly Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file Interpretive Services Department Monthly update as recommended by Chief of Interpretive Services Jennifer Jaworski and staff.

**Attachment: Monthly Interpretive Services Department Update**



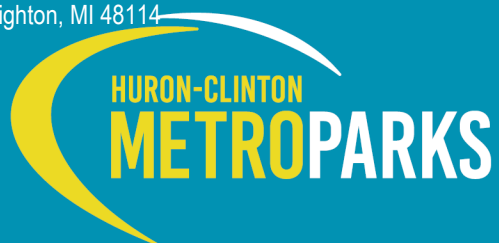
# HURON-CLINTON METROPARKS

## INTERPRETIVE SERVICES

## MONTHLY REPORT

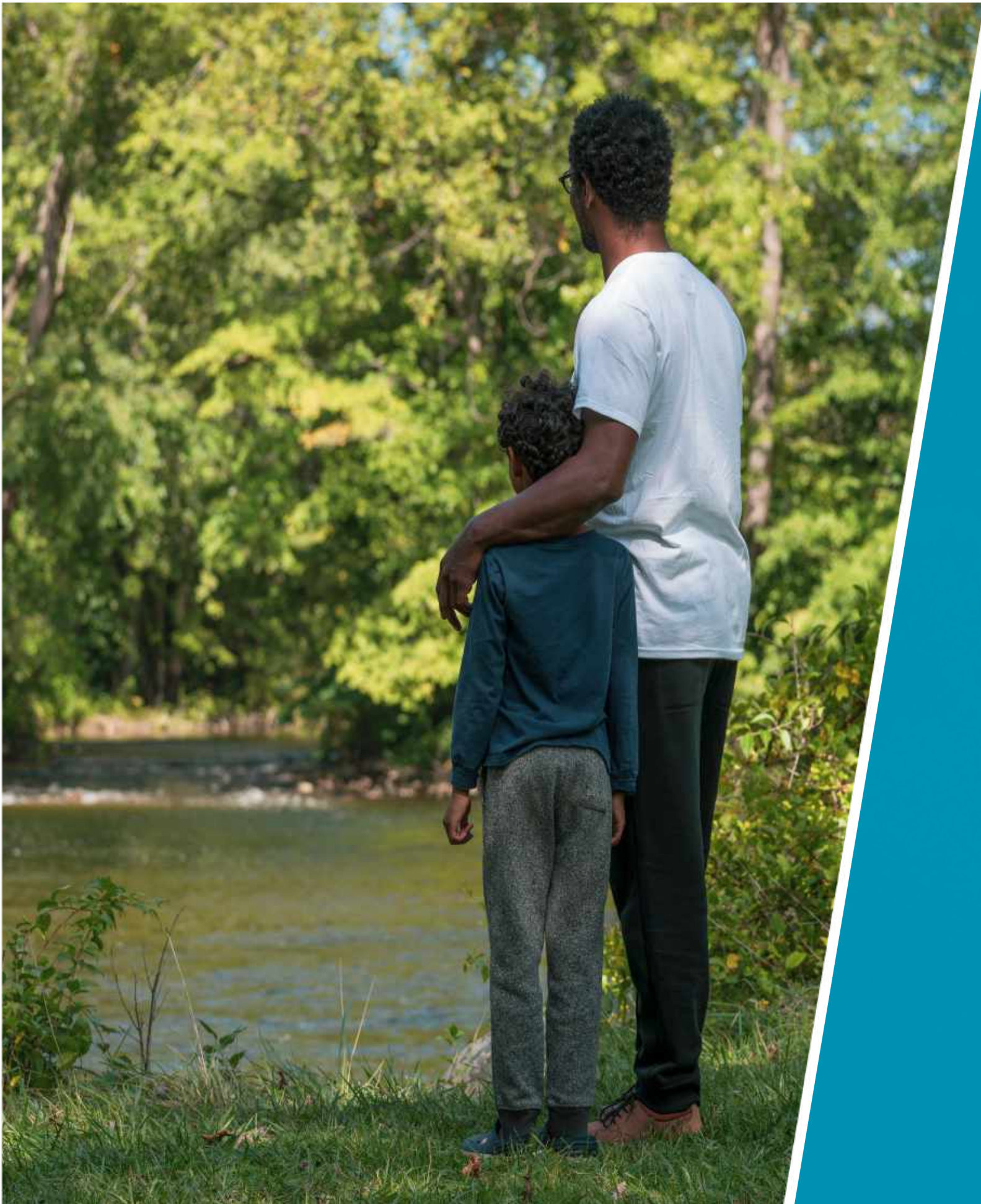
June 2022

Administrative Office  
13000 High Ridge Drive  
Brighton, MI 48114



[METROPARKS.COM](https://www.metroparks.com)





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# PROGRAM/INITIATIVE IMPLEMENTATION

## New:

- **Supplemental science curriculum with DPSCD**
  - Discussions with teachers and the assistant principal were held on site. We learned the outdoor garden space is a desirable location to hold some lessons. In addition, to aligning lessons to DPSCD science curriculum. Since then, lesson plans are being written with anticipation of entering the school at a moment notice.
  - The M.O.U. agreement is waiting for the Superintendents signature and then for one more review from their Risk Management Coordinator.
- **STEAM Club: Riverside Academy West**
  - After school on Wednesday's started at beginning of May
  - Growing membership as word of mouth and our Science Teacher sponsor encourages participation.
  - Building relationship with Science Curriculum Director with Global Education Excellence. They are discussing the possibility of expanding the STEAM Club into others schools
    - There are 11 Global Education Excellence Academies in SE Michigan. Each academy serves a unique population facing myriad realities including, but not limited to, high percentages of EL students, refugee students assimilating to the United States and at-risk students.



*STEAM Club at Riverside Academy West*



• **Plant Science Series**

- At Mackenzie Elementary, DPSCD completed 4 weeks of plant science lesson plans to coincide with curriculum. 4 classes of second graders participated each of the 4 weeks, with repeated engagement with over 100 individual students.
- Students, teachers and administration are very excited about the Metroparks weekly visit. The team is planning for future engagement with this school as relationships develop.



*Plant Science Series at Mackenzie Elementary, DPSCD*

• **Get Out and Play 2022**

- **Get Out & Play: In the Park** - This grant provides non-profit organizations and public institutions who serve under-resourced youth and seniors within Livingston, Macomb, Oakland, Washtenaw and Wayne Counties a day of fun at either Kensington, Lake St. Clair or Willow Metropark! Participants receive a free lunch (hot dog, chips and water), reimbursement of transportation costs (up to \$500/bus), and access to a park's water facility or an Island Queen boat ride.
- **Get Out & Play: On the Road** - This grant provides an interpreter to come to a location of your choosing to conduct an interactive educational nature program featuring an up-close look at live animals. Animals that could be included during the presentation are frogs, toads, salamanders, turtles and/or snakes.

| Org. Name\Full Name:                         | # PPL      | Arvl. Date | Zip Code | City                 | Park                     | Description                                 |
|--|------------|------------|----------|----------------------|--------------------------|---|
| Hartland Senior Activity Center              | 25         | 7/21/22    | 48843    | Howell               | Kensington Metropark     | Get Out & Play: Kensington Island Queen     |
| Wayne Metro                                  | 46         | 8/4/22     | 48186    | Westland             | Kensington Metropark     | Get Out & Play: Kensington Island Queen     |
| Wayne Metro                                  | 21         | 8/11/22    | 48186    | Westland             | Kensington Metropark     | Get Out & Play: Kensington Island Queen     |
| Detroit Parent Network                       | 50         | 6/9/22     | 48202    | detroit              | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Wayne Metropolitan CAA                       | 12         | 6/16/22    | 48141    | Inkster              | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Wayne Metro A2G- Lafayette                   | 50         | 7/14/22    | 48192    | Wyandotte            | Willow Metropark         | Get Out & Play: Kensington Splash 'n' Blast |
| The Salvation Army                           | 40         | 7/20/22    | 48336    | Farmington Hills     | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Jude Family Childcare Learning Center        | 30         | 7/21/22    | 48213    | Detroit              | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| IHN at Alpha House                           | 24         | 7/28/22    | 48103    | Ann Arbor            | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Wayne Metropolitan CAA                       | 40         | 8/4/22     | 48240    | Redford              | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Wayne Metro                                  | 21         | 8/11/22    | 48186    | Westland             | Kensington Metropark     | Get Out & Play: Kensington Splash 'n' Blast |
| Turning Point, inc                           | 25         | 6/29/22    | 48046    | Mount Clemens, MI 48 | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| Wayne Metro A2G Lafayette                    | 50         | 7/21/22    | 48186    | Westland             | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| Harrison Township Public Library             | 50         | 7/22/22    | 48091    | Warren               | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| Bethlehem Lutheran Early Learning Center     | 27         | 7/27/22    | 48048    | New haven            | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| A2G Raupp                                    | 30         | 8/4/22     | 48186    | Westland             | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| Turning Point, inc                           | 25         | 8/10/22    | 48046    | Mount Clemens        | Lake St. Clair Metropark | Get Out & Play: Lake St. Clair              |
| St. Anselm Catholic School                   | 50         | 6/23/22    | 48127    | Dearborn Heights     | Offsite                  | Get Out & Play: On the Road                 |
| St. paul United Church of Christ             | 25         | 7/27/22    | 48134    | Flat Rock            | Offsite                  | Get Out & Play: On the Road                 |
| Wayne Metro                                  | 50         | 7/7/22     | 48186    | Westland             | Willow Metropark         | Get Out & Play: Willow                      |
| Wayne Metro Community Action Agency          | 22         | 7/14/22    | 48186    | Westland             | Willow Metropark         | Get Out & Play: Willow                      |
| A2G Raupp                                    | 30         | 7/21/22    | 48186    | Westland             | Willow Metropark         | Get Out & Play: Willow                      |
| St. Paul United Church of Christ             | 40         | 7/29/22    | 48134    | Flat Rock            | Willow Metropark         | Get Out & Play: Willow                      |
| Wayne Metropolitan Community Action Agency   | 30         | 8/4/22     | 48141    | Inkster              | Willow Metropark         | Get Out & Play: Willow                      |
| <b>Total People Registered as of 5-26-22</b> | <b>813</b> |            |          |                      |                          |   |

\*Another eblast will be sent to organizations



- **Teaching Science Outdoors: Urban Partnerships 2022**
  - Our Wayne County Outreach Interpretive staff are attending this elementary science professional development opportunity. Where they will attend MSU-sponsored statewide professional development & networking opportunities. Work with fellow educators to design and share activities and lesson resources focused on teaching science outdoors. Practice science in a variety of outdoor habitats (including school yards) through investigations incorporating NGSS. And develop skills to adapt existing science curriculum to integrate the out-doors and build a network of resources to use in and out of the classroom.



### **Ongoing:**

- 2022 SCECH's teacher training series
- Staff is participating in DEI training
- Evaluating teacher and public programming surveys
- Michigan Activity Pass
- Sensory Friendly backpacks available at Interpretive centers

# COMMUNITY ENGAGEMENT

## New:

- Community Outreach Interpretive staff attended
  - Clay Days: Celebration of Clay Twp. Turning 200 years old
  - Huron River Days, Ann Arbor, MI
  - Clinton River Watershed Festival, Oakland University



*Clay Days*



*Huron River Days*

## Ongoing:

- Detroit Riverfront Conservancy: 2022 programming
- Detroit Parks Coalition
  - setting schedule for 2022



*Clinton River Watershed Festival*



# PROGRAMMING

## New

- Macomb County Head Start discussions with Great Start Readiness Program leadership on engaging with birth to age 5; this will include their “Early Head Start”; which is for children 0-3 as well as more traditional Head Start, focused on ages 3-5.
  - They currently serve about 2100 students (birth to age 5) and are trying to add more families. They are in 18 of 21 school districts in Macomb as well as some private/charter schools and a few private home-based centers. Head Start is federally funded/locally administered early-childhood development for low-income families.
  - Stony Creek and Lake St. Clair Nature Centers and Wolcott Mill Farm Center will host “open house” style experiences for Head Start staff/teachers for them to learn about our early childhood programs, facilities, etc. This would be built into their teacher training that they all participate in for three weeks in August before the school year begins
  - Discussions continue on offering additional teacher training for nature play “what to do with kids outside”.
  - Discussion continue on hosting Family event Stony Creek and Lake St. Clair Nature Centers and Wolcott Mill Farm Center
- Developing a Pilot Hydroponics program for Macomb County Senior Centers
  - Growing requests for the Metroparks to visit Senior Centers with specific interest in hydroponics.
  - Eastern District Community Outreach and Wolcott Mill Farm Center are teaming up to develop and pilot hydroponics program to be held at Senior Centers

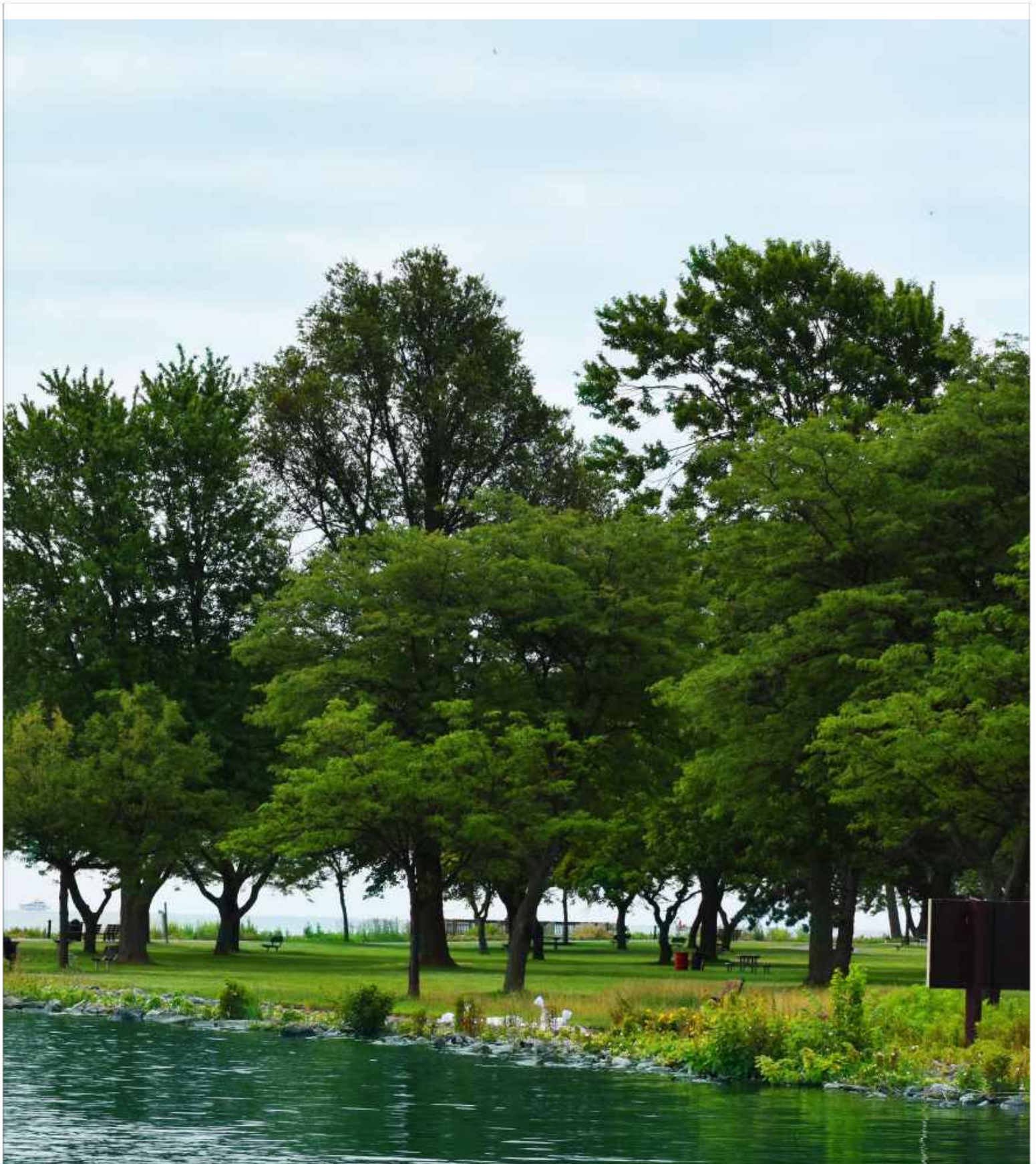
## Ongoing

- Get Out and Learn scholarships
  - Applications continue for spring programming
- In-person, Synchronous and Asynchronous school programming continues
  - Many virtual programs were all conducted as part of the PNC Closing the Technology Gap Grant.
  - This comprised of 23 schools, 26 presentations and 932 people
- In-person outdoor programming continues, including “pop-up” programs
  - Staff is utilizing the data in the survey and identifying which programs offered to meet the most need within communities. This data will be utilized for 2023 program planning
- Virtual/Social Media programming continues
  - Continuing with Bird of the Week
  - Climate, water and wildlife Wednesdays
    - Building from Washtenaw County Water Commission messaging
    - Creating blogs and videos around water quality, restoration, and wetlands for the month of June.

# GRANTS

## Ongoing

- Lake Superior State partnership and NOAA Great Lakes Bay Watershed Education and Training (B-WET) program to engage students in water quality monitoring and stewardship at Lake Erie Marshlands Museum.
- PNC Early Childhood grant for the Western District Mobile Learning Center.
- CMU and EPA grant partnership engaging students in water quality monitoring at Lake Erie Marshlands Museum.
- Green Ribbon Initiative with the Nature Conservancy, this grant covers conducting programming that highlights Oak Openings and develop interpretive signage at Oakwoods Nature Center.





To: Board of Commissioners  
From: Artina Carter, Chief of Diversity, Equity and Inclusion  
Subject: Report – DEI Monthly Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the May 2022 DEI report as recommended by Chief of Diversity, Equity and Inclusion Artina Carter and staff.

**Attachment: DEI Report**





# DEI BOARD REPORT

June 2022



[METROPARKS.COM](https://www.metroparks.com)

# DEI DEPARTMENT

## MISCELLANEOUS

- Completed Tier 3 DEI Training
  - 17 sessions
  - 357 employees
- Coordination of the DEI Cultural Awareness Series – Chinese Culture and the Lotus Flower presentation (August)
  - Presentation supports Interpretative Services' Lotus Hike program
  - Public event
- Coordinating the DEI Cultural Awareness Series-South Asian/Indian focus
- Developing process to expand the DEI Advisory Team
- Hosted the Climate Action Plan meeting
- Served on the Juneteenth program committee w/ Wayne County Parks
- Participated in the Outside OT Training with Interpretative Services
- Hosted a DEI Conversation on Environmental Justice with Dr. Phillip Warsaw
  - 44 people attended
- Hosted Advisory Team Meeting
- Professional Development: Chicago Wilderness and MSU Asian Perspectives training sessions
- Participated on Needs Assessment/Program planning team
- Participated on Program/Events Reporting team
- Interviews panels

## CROSS-DEPARTMENT SUPPORT

- Development of Cultural Competence Curriculum w/Interpretative Services
- Serve on the Juneteenth event committee
- Serve on the IDEAS committee meeting (formally the Sensory Friendly Committee)



To: Board of Commissioners  
From: Danielle Mauter, Chief of Marketing and Communications  
Subject: Report – Marketing Update  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file Marketing update as recommended by Chief of Marketing and Communications Danielle Mauter and staff.

**Background:** The marketing report will be sent prior to the June 9 meeting.



# HURON-CLINTON METROPARKS MARKETING REPORT

May 2022

Administrative Office  
13000 High Ridge Drive  
Brighton, MI 48814



[METROPARKS.COM](https://www.metroparks.com)



# MAY 2022

## Partnership Communication Developments

Through May marketing staff worked on several joint and partnership communication plans including:

- The initial details of a Destination Downriver bike ride event with Tom from Under the Radar that would take a group of bike riders from Flat Rock to Lake Erie Metropark and back.
- The initial details of a ribbon cutting event for trail gateway signs in Flat Rock and Detroit that Metroparks interpretive and graphics staff partnered in creating last year.
- Communications around the Juneteenth event partnership with Wayne County Parks
- Communications around the multiple partnerships that are forming to address swim lessons and swim safety in the region.
- The groundbreaking event for Ralph C. Wilson Jr. Centennial Park.

## Media Efforts

A number of press releases and alerts were sent in May and media requests were fielded resulting in a decent amount of media coverage throughout the month.

- Hiring – bonus and perks additions (sent last day of April and continued into May)
- Working with Natural Resources to share information with media about the prescribed fire that took place at Rouge Park as part of a partnership with Detroit Parks and Recreation.
- The Shelden Trails Redevelopment Project completion video.
- Announcement of Our Big Fat Family Reunion Event in partnership with DABO
- Summer Solstice Disc Golf Clinic and Tournament event media alert and call for registration.
- DEI speaker series and Conversation events
- Regional Swim safety partnerships and tie into May being water safety month.
- Media requests around preparing for the Memorial Day weekend.

## Other On-going Projects in May

- Five – county maps were printed and arrived. Copies to be given to commissioners at June meeting.
- Hiring and training for our part-time position. Rounds out our full team staffing levels.
- Working with IT on website updates, event calendar entries and clean-up and getting information prepared and updated for busy season.
- Creating and adding projects and grant content to the website.
- Completing and sending ad artworks to station and publication reps for spring and summer campaigns.
- Creating legislative informational support pieces.

- Working on joint communications for joint event with Detroit Association of Black Organizations – Our Big Fat Family Reunion at Willow Metropark.
- Collaborating with other departments on joint reporting efforts.

## Summer Programming Guide Campaign Updates

In April we presented the summer programming guide campaign and what it would include. We expected this campaign to reach at least 751,227 people throughout the region. Artwork has since been finalized, the digital version is in production, the printed versions are at print and everything is in order for the first distribution to be with Michigan Chronicle on May 11.

Marketing staff took the boards questions and feedback and did some further digging and consideration into the campaign because the concerns brought up were valid and worth looking into. We have since added some additional deliveries to the campaign:

- Some additional social media and digital ads placed outside of newspaper parent companies and targeted specifically at parents with children ages 2-12 that DO NOT currently follow us on social media. Therefore we are still targeting new potential visitors and these ads would still link to the request form to serve as list builder tool with a trackable URL for us to determine usage from that ad type.
- We found a printed publication called the Michigan Fun Pass that prints a single page folded piece that is distributed directly through the school district mailing system in select districts. This means it goes home directly in children's backpacks which is a delivery mechanism we have always been super interested in nailing down. We can't insert the entire guide into this particular delivery, but instead will have a double-sized ad about the summer guide with a trackable QR code to track usage and again sends them to the request form as a list builder tool. It is distributed to 100,000 pre K – 8th graders in the Detroit Public School District, Macomb County Intermediate School District, some select other Detroit schools and Oakland County reading clubs through the Library Network.

These additional deliveries were relatively low cost and will allow us to measure engagement and impact in additional ways to find the better options for future years that we should focus more energy on. Counting the additional 100,00 print copies of Michigan Fun Pass, our anticipated reach has grown to over 851,227 people throughout the region and making the current distribution as follows.

**DISTRIBUTION STARTED ON SCHEDULE IN MAY AND IS CONTINUING. One-page inserts run date was pushed to 6/8/22.**

**Through June 5, we have had a total of 299 requests for printed guides and 584 requests for digital guides for a total of 883 requests. Of those, 812 requests are from email addresses that are new in our contact database. This means the majority of requests are coming from new contacts.**

**The current report of engagement with this campaign is included on the last page of this report.**

| Publication   | Type   | Insertion Publication Date or Run Date(s)      | Distribution                     |
|---|--|--|----------------------------------|
| Sun Times News  | 12-page print insert                               | 18-May   | 16,000                           |
| Chaldean News   | 12-page print insert                               | June Issue                                     | 6,000                            |
| Ann Arbor Observer  | 12-page print insert                               | May 26 - June Issue                            | 53,000                           |
| Metro Times   | 12-page print insert                               | 18-May   | 20,000                           |
| Michigan Chronicle  | 12-page print insert                               | May  | 23,600                           |
| Macomb Daily, Oakland Press, News Herald                                      | 12-page print insert and digital accompanying ads  | 15-May   | 173,753                          |
| C&G News (Journal, Novi Note, St. Clair Shores Sentinel, Grosse Pointe Times) | 1 page print insert with QR code                   | 25-May   | 98,825                           |
| La Prensa   | Traditional print ad                               | 20-May   | 80,000                           |
| Washtenaw Jewish News   | Traditional print ad                               | June Issue - 6/1                               | 4,000                            |
| Latino Press  | Traditional print ad and digital accompanying ads  | 20-May   | 15,000                           |
| Record Newspaper  | Traditional print ad                               | 18-May   | 5,000                            |
| Detroit Jewish News   | Traditional print ad and digital accompanying ads  | May 19 - print; may & June (60 days) - digital |                                  |
| Livingston Daily  | Traditional print ads (3) including front page ads | May 22, 26 & 27; May 29, June 2 & 3            | 4067 - weekday, 6049 - Sunday    |
| Downtown Monitor  | Traditional print ad                               | TBD  |                                  |
| Michigan Fun Pass   | Print ad   | June   | 100,000                          |
| Social ads to non-followers   | Social ads   | May 15 – June                                  | TBD                              |
| Detroit Free Press  | Digital sponsored content article with links       | TBD  | no less than 250,000 impressions |
| Little Guide Detroit  | Digital sponsored content article with links       | TBD  |                                  |
| <b>TOTAL REACH POTENTIAL</b>  |  |  | <b>851,227</b>                   |

**Summer Program Guide Weekly Reporting**

| Week of                           | May 11 - May 15 | May 16 - 22 | may 23 - 29 | May 30 - June 5 |
|-----------------------------------|-----------------|-------------|-------------|-----------------|
| <b>Print QR Code Scans</b>        |                 |             |             |                 |
| 12-page Insert Scans              | 0               | 16          | 17          | 8               |
| Macomb + Insert Scans             | 1               | 9           | 2           |                 |
| 1 page insert Scans               |                 |             |             |                 |
| Print Ad Scans                    | 15              | 23          | 24          | 9               |
| Int. Flyer Scans                  | 8               | 4           | 4           | 1               |
| Little Guide Detroit              |                 |             |             | 2               |
| Michigan Fun Pass Scans           | 0               | 3           | 8           | 14              |
| <b>Weekly Print QR Scan Total</b> | <b>24</b>       | <b>55</b>   | <b>55</b>   | <b>34</b>       |

| <b>Digital Content - Link Visits</b> |            |            |            |            |
|--------------------------------------|------------|------------|------------|------------|
| Little Guide Detroit                 | 4          | 3          | 4          | 2          |
| La Prensa                            |            |            |            |            |
| Latino Press                         | 6          | 1          |            |            |
| Detroit Jewish News                  | 1          |            |            |            |
| Detroit News/Free Press              | 10         | 83         | 166        | 149        |
| Macomb,Oakland, Herald, Press        | 4          | 41         | 59         | 50         |
| 3Sixty                               | 162        | 801        | 541        | 444        |
| Hour Detroit                         | 3          | 9          | 1          |            |
| Add. Print Ad visits                 | 5          | 10         |            |            |
| Add. Int Flyer visits                | 2          | 2          |            | 3          |
| add. fun pass visits                 |            | 1          |            |            |
| <b>Weekly Clicks Total</b>           | <b>195</b> | <b>951</b> | <b>771</b> | <b>645</b> |

| <b>Request Forms Completed</b> |           |            |            |            |
|--------------------------------|-----------|------------|------------|------------|
| Print                          | 28        | 131        | 83         | 57         |
| Digital                        | 53        | 255        | 157        | 119        |
| <b>Weekly Total</b>            | <b>81</b> | <b>386</b> | <b>240</b> | <b>176</b> |

|                                |  |  |   |  |
|--------------------------------|--|--|---|--|
| <b>Total Weekly Engagement</b> | <b>300</b>   | <b>1392</b>  | <b>1066</b>   | <b>855</b>   |
| <b>Ads Running in:</b>         | Michigan Chronicle, Latino Press (Digital), Downtown Monitor, 3Sixty, Macomb+ (print & digital), La Prensa (digital) | 3Sixty, Macomb + (digital), La Prensa (print & digital), Detroit Jewish News (print & digital), Latino Press (print & digital), Metro Times, Detroit Free Press, Little Guide Detroit, Livingston Daily, REcord Newspaper, Sun Times News, michigan fun pass | 3Sixty, Macomb + digital, detroit jewish news digital, Latino Press digital, Detroit Free Press, Livingston Daily, Washtenaw Jewish News, Chaldean News insert, Ann Arbor Observer insert | 3Sixty, Macomb + digital, detroit jewish news digital, Latino Press digital, Detroit Free Press, Livingston Daily, |







To: Board of Commissioners  
From: Jay Bibby, Interim Chief of Planning and Development  
Project Title: Report – Metropark to State Park Pathway Connector  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Metropark to State Park Pathway Connector report as recommended by the Interim Chief of Planning and Development Jay Bibby and staff.

**Fiscal Impact:** No fiscal impact associated with this project. The Metropark to State Park Pathway Connector report was budgeted in 2021/2022 as a grant funded project from Ralph C. Wilson Jr. Legacy Funds of the Community Foundation for Southeast Michigan totaling \$47,000.

**Background:** The Huron-Clinton Metroparks Foundation received a grant of \$47,000 for support for a feasibility study to determine the best way to make trail connections between local state recreation areas and Metroparks in Livingston County.

**Attachment: Metropark to State Park Pathway Connect Route Scoring Report**





# METROPARK TO STATE PARK PATHWAY CONNECTOR

BRIGHTON STATE RECREATION AREA - HURON MEADOWS METROPARK - ISLAND STATE RECREATION AREA - KENSINGTON METROPARK

## ROUTE SCORING



BRIGHTON STATE RECREATION AREA



HURON MEADOWS METROPARK



ISLAND LAKE STATE PARK



KENSINGTON METROPARK





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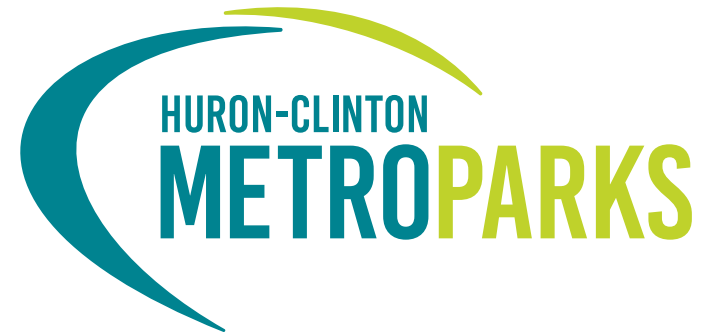
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CREATED FOR:



ACKNOWLEDGMENTS

The Huron-Clinton Metroparks was awarded grant funding from the Ralph C. Wilson, Jr. Legacy Fund through the Community Foundation for Southeast Michigan to complete this feasibility study and determine a final route recommendation.

Community Foundation

FOR SOUTHEAST MICHIGAN



RALPH C. WILSON, JR.  
FOUNDATION

CREATED BY:

PEA GROUP

IN COLLABORATION WITH:



## PROJECT INTENT

**This feasibility study will determine a safe and efficient non-motorized connection between four large regional parks: Brighton Recreation Area, Huron Meadows Metropark, Island Lake Recreation Area, and Kensington Metropark.**

These four parks sit in relatively close proximity from west to east, yet there is no non-motorized route linking them. Brighton Recreation Area and Huron Meadows Metropark have no connection despite being less than two miles apart. Island Lake Recreation Area and Kensington Metropark have an existing pathway connection, however they are separated from Huron Meadows Metropark and Brighton State Recreation Area by US-23. This project will identify the most effective and safe route to establish a non-motorized transportation network between all four parks.

An additional state park (Mike Levine Lakelands Trail) lies to the south, outside of the study area. Connections to Lakelands Trail were not a focus of this study, however this report does explore the potential for a connection from the four subject parks to the Lakelands Trail in an effort to see if any specific routes could provide the additional benefit of Lakelands Trail access.

The western terminus of the study area is the end of the existing paved pathway along Bauer Road that is a hike/bike trail within Brighton Recreation Area. This pathway is an established connection to downtown Brighton. The eastern end point of the study area is the existing trailhead at the southeast edge of the retail parking lot within the Green Oak Village Place shopping center. This trailhead provides access to an existing non-motorized pathway route through Island Lake Recreation and connecting to Kensington Park.

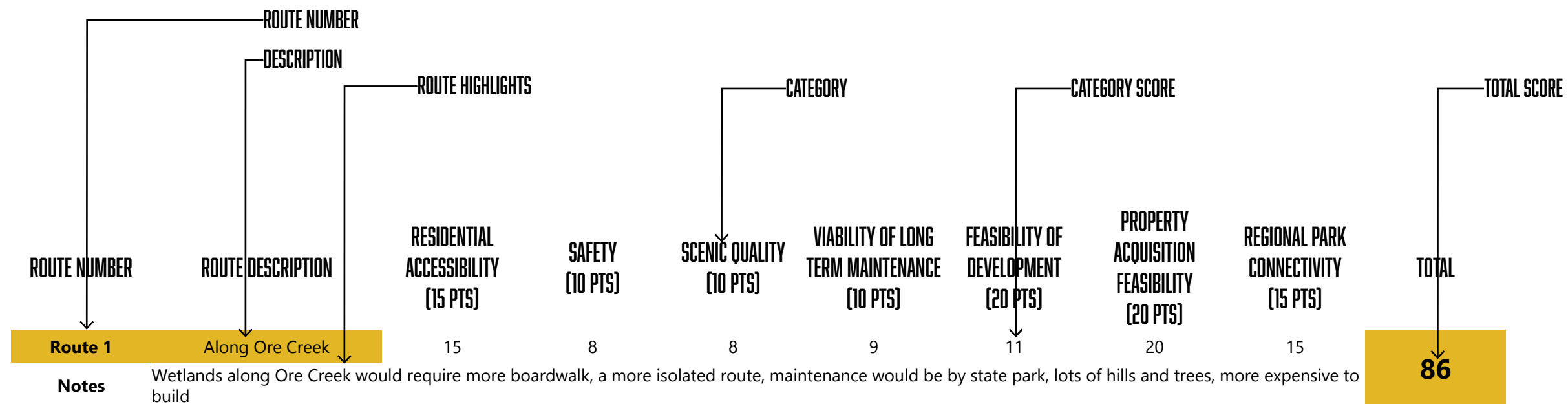


Each preliminary route was evaluated according to how well it satisfies a set of planning criteria that is important to establishing connections between Brighton Recreation Area, Island Lake Recreation Area and the Metropark system. A 100-point scoring rubric was formulated, based on the categories listed, each category was weighted to account for a maximum of 10, 15 or 20 points. The "Residential Accessibility", "Property Acquisition" and "Feasibility of Development" categories were weighted more heavily due to their critical importance to the feasibility of the project.

The scores for each category were tabulated to develop a composite score for each route. The scoring system provides an empirical data rating for each segment of trail based on the results of site analysis, stakeholder input and professional judgement.

### CATEGORIES

1. Residential Accessibility (15 points)
2. Safety (10 points)
3. Scenic Quality (10 points)
4. Viability of Long Term Maintenance (10 points)
5. Feasibility of Development (20 points)
6. Property Acquisition Feasibility (20 points)
7. Regional Park Connectivity (15 points)



### 1. Residential Accessibility

A measure of both population density and demographic diversity.

1 = low residential density near the trail

15 = easy access to high residential density areas

### 2. Safety

A comparative measure of route safety in terms of interaction with vehicular traffic as well as public visibility of the trail section.

1 = significant safety concerns – potentially unsafe

10 = limited safety concerns – very safe

### 3. Scenic Quality

A comparative measure of visual quality along the route as well as diversity of landscape character. Both attractive scenery and landscape diversity are desirable.

1 = poor scenic quality

10 = attractive scenery with diversity

### 4. Viability of Long-Term Maintenance

A measure of potential long-term maintenance cost liabilities. Facilities such as boardwalks have a higher long-term maintenance cost than a paved pathway. Additional amenities such as fences, railings, retaining walls, bollards, etc. pose a potential for increasing long-term maintenance costs.

1 = significant maintenance costs

10 = minimal maintenance costs

### 5. Feasibility of Development

A measure of the ease of development in terms of technical challenges of the land. Obstacles to development may include steep slopes, natural features such as wetlands, floodplains, streams or rivers, railroads or high traffic roads.

1 = abundant obstacles

20 = minimal obstacles

### 6. Property Acquisition Feasibility

A measure of the quantity of easements or land acquisition that may be required for development of the trail. The most significant obstacle to implementation is property ownership. Easement acquisition for trails on private property is often difficult and can be an insurmountable obstacle to development.

1 = abundant obstacles

20 = minimal obstacles

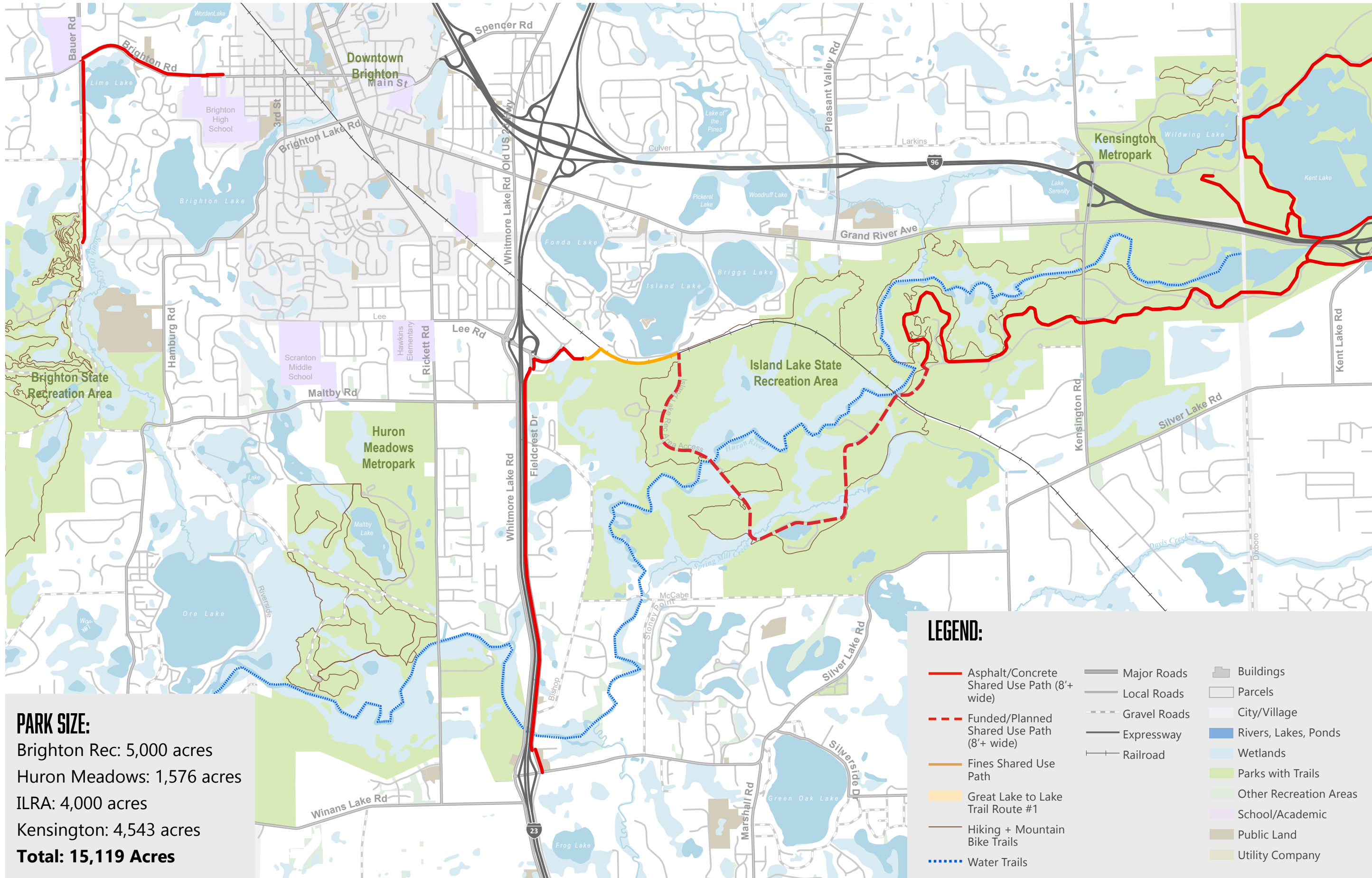
### 7. Regional Park Connectivity

A measure of the amount of time and effort it would take to travel from one regional park to the next, as well as a measure of the number of connections to existing amenities within the parks.

1 = long distance traveled between parks

15 = shortest distance between parks

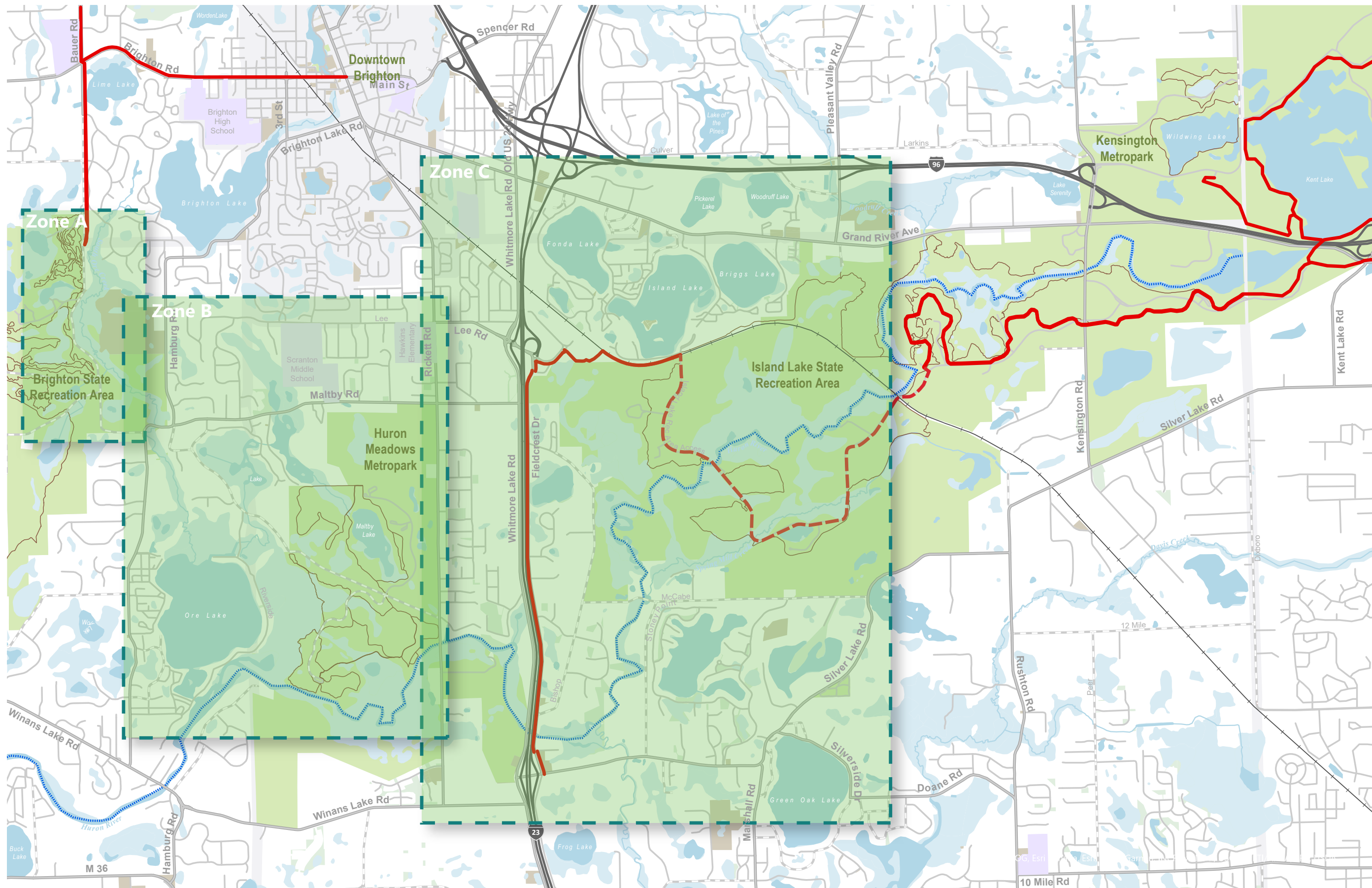




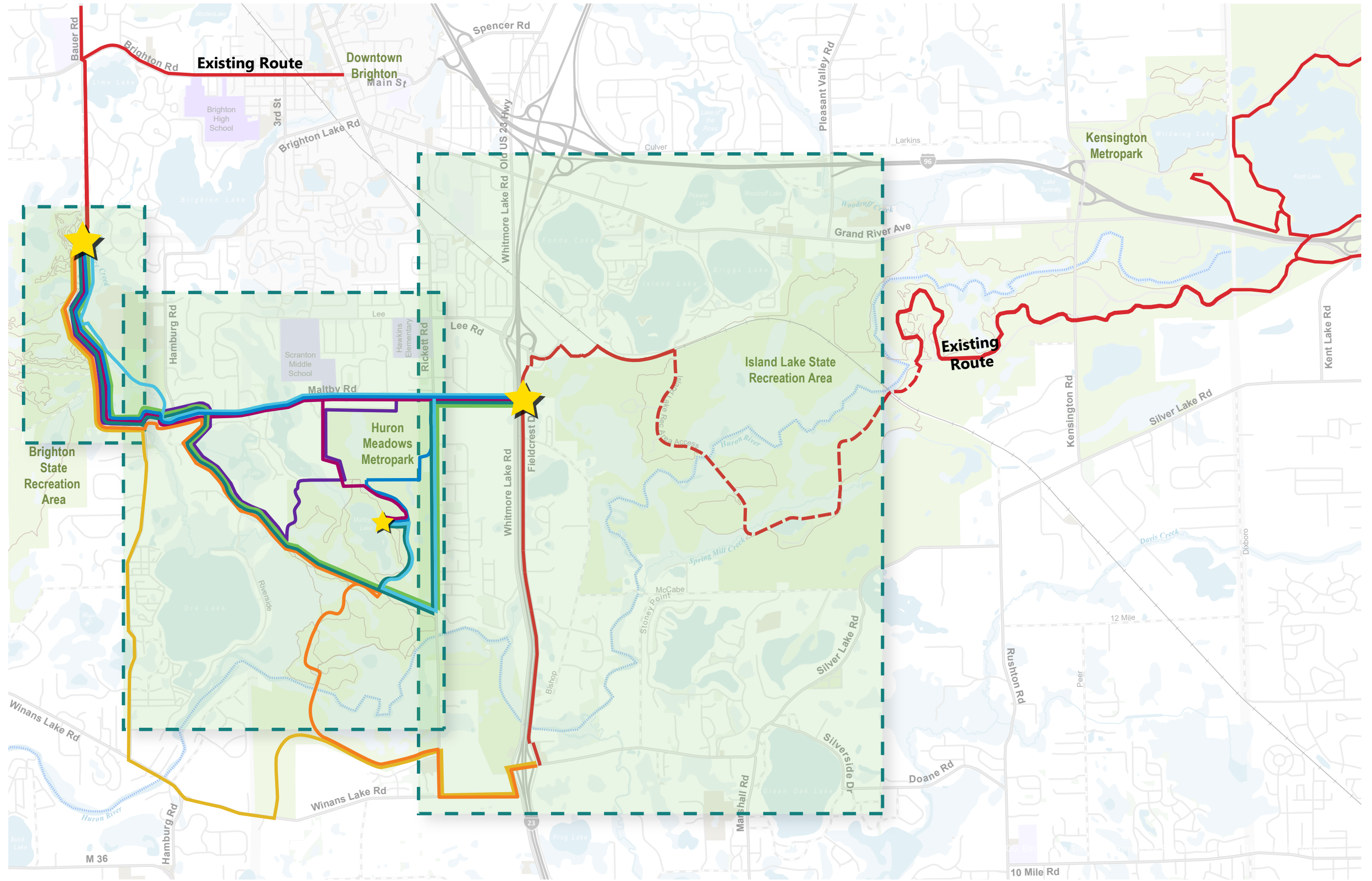
**PARK SIZE:**  
 Brighton Rec: 5,000 acres  
 Huron Meadows: 1,576 acres  
 ILRA: 4,000 acres  
 Kensington: 4,543 acres  
**Total: 15,119 Acres**

**LEGEND:**

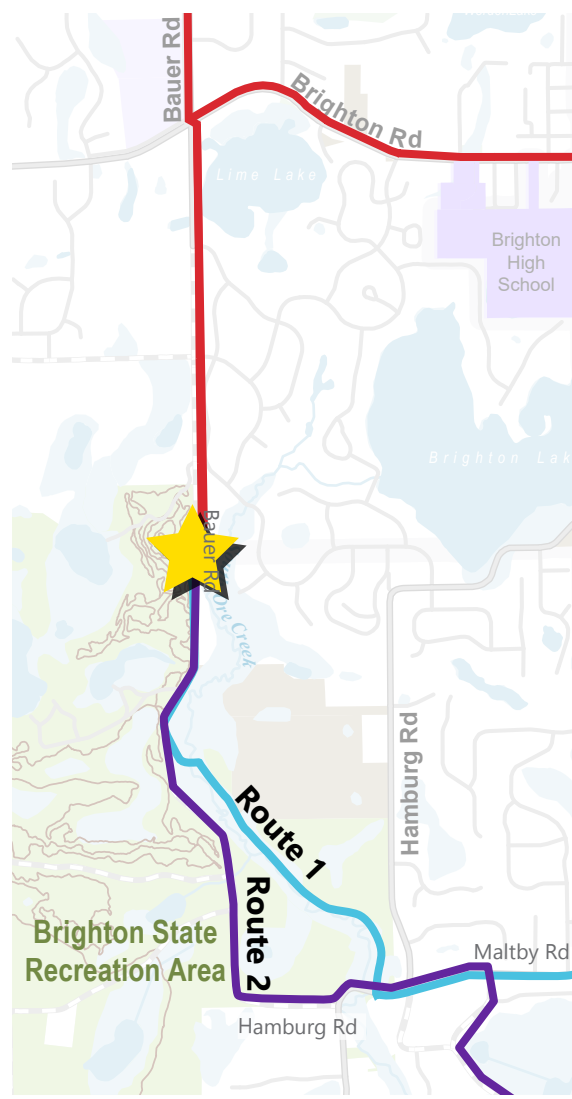
|  |   |  |              |  |                        |
|--|---|--|--------------|--|------------------------|
|  | Asphalt/Concrete Shared Use Path (8'+ wide) |  | Major Roads  |  | Buildings              |
|  | Funded/Planned Shared Use Path (8'+ wide)   |  | Local Roads  |  | Parcels                |
|  | Fines Shared Use Path                       |  | Gravel Roads |  | City/Village           |
|  | Great Lake to Lake Trail Route #1           |  | Expressway   |  | Rivers, Lakes, Ponds   |
|  | Hiking + Mountain Bike Trails               |  | Railroad     |  | Wetlands               |
|  | Water Trails                                |  |              |  | Parks with Trails      |
|  |   |  |              |  | Other Recreation Areas |
|  |   |  |              |  | School/Academic        |
|  |   |  |              |  | Public Land            |
|  |   |  |              |  | Utility Company        |



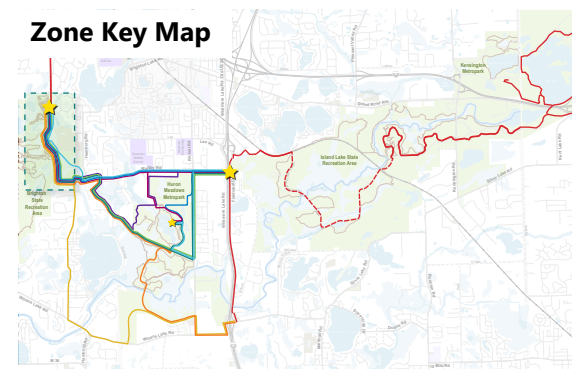




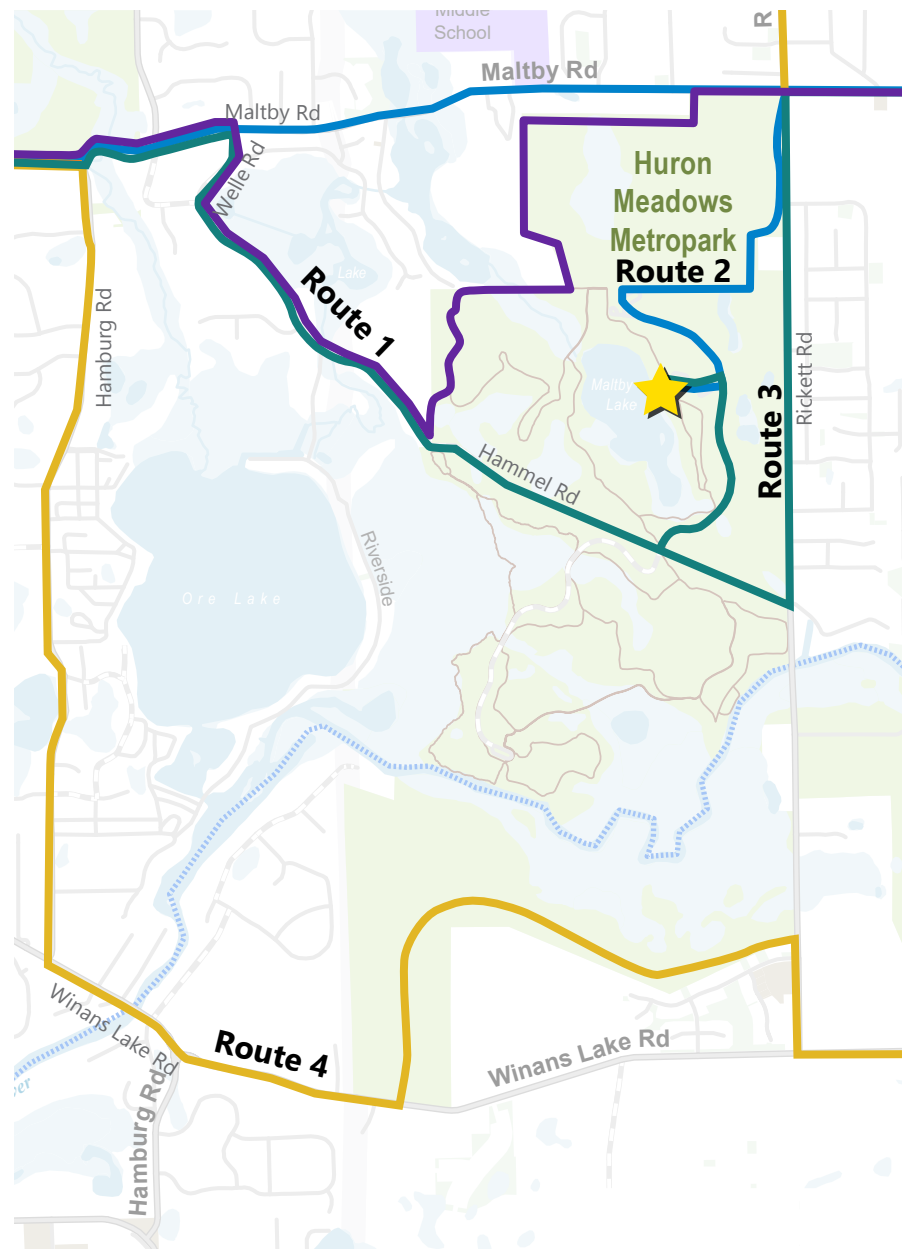




- Route 1: Heads south down Bauer Road, then turning southwest through the nature area of the park, crossing Ore Creek and following it southeast until Maltby Road.
- Route 2: An off road path parallel to Bauer Road.
- Existing Route

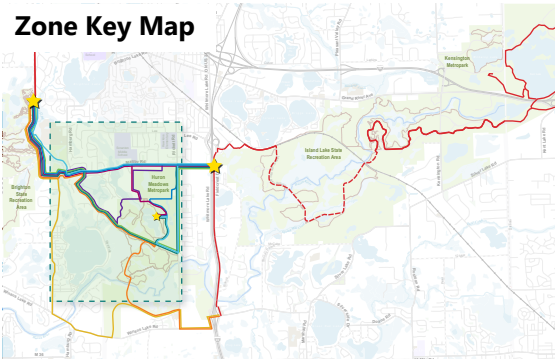


| ROUTE NUMBER   | ROUTE DESCRIPTION  | RESIDENTIAL ACCESSIBILITY (15 PTS) | SAFETY (10 PTS) | SCENIC QUALITY (10 PTS) | VIABILITY OF LONG TERM MAINTENANCE (10 PTS) | FEASIBILITY OF DEVELOPMENT (20 PTS) | PROPERTY ACQUISITION FEASIBILITY (20 PTS) | REGIONAL PARK CONNECTIVITY (15 PTS) | TOTAL     |
|----------------|--|------------------------------------|-----------------|-------------------------|---|-------------------------------------|---|-------------------------------------|-----------|
| <b>Route 1</b> | Along Ore Creek  | 15                                 | 8               | 8                       | 9   | 11                                  | 20  | 15                                  | <b>86</b> |
| <b>Notes</b>   | Wetlands along Ore Creek require additional boardwalk, isolated route, maintenance be by state park, beautiful views but expensive to build. |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 2</b> | Paved trail along Bauer Road   | 15                                 | 10              | 8                       | 7   | 16                                  | 20  | 15                                  | <b>91</b> |
| <b>Notes</b>   | Boardwalk over wetland areas along the road, maintenance by state park system  |                                    |                 |                         |   |                                     |   |                                     |           |

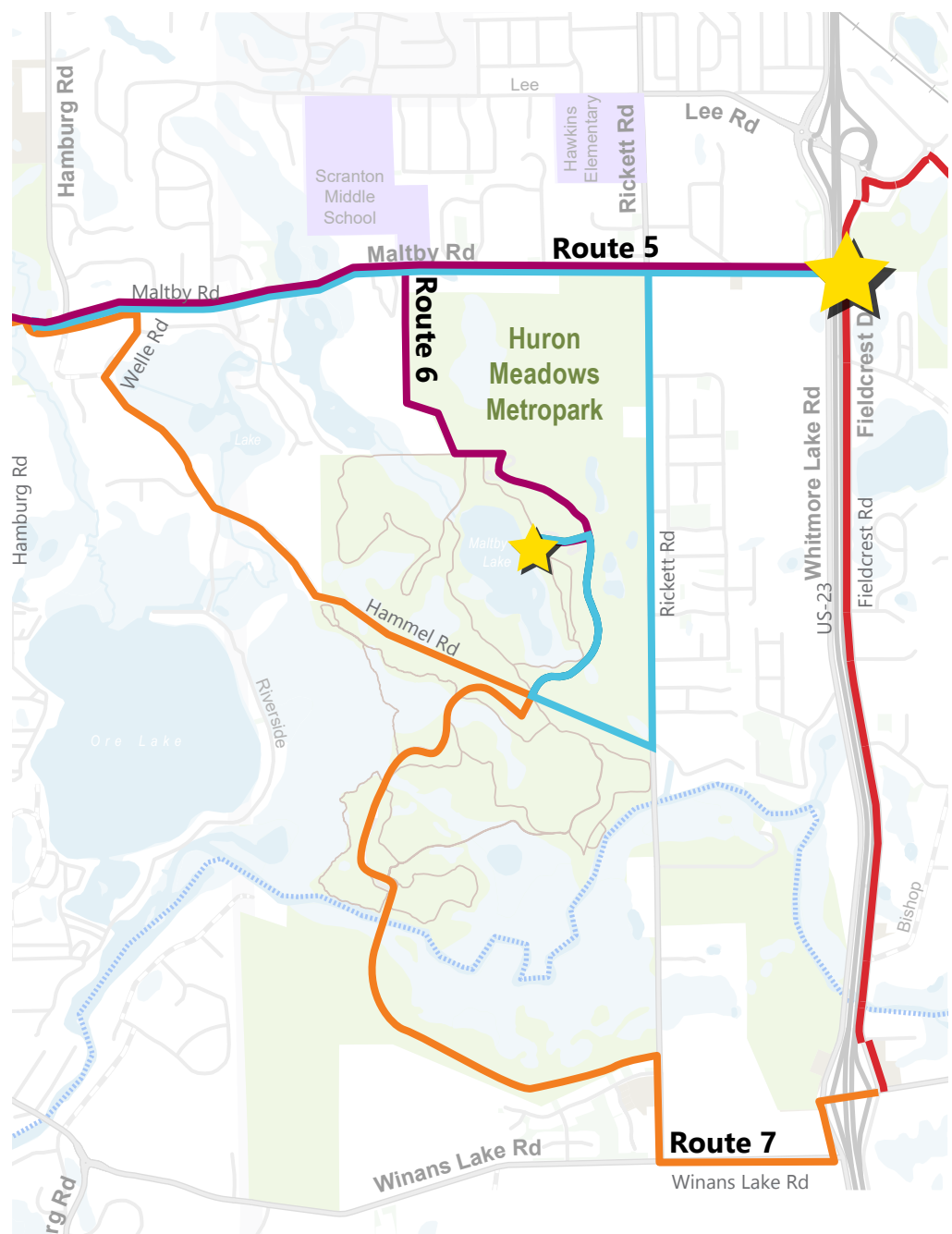


- Route 1:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road, then turning south onto Welle Road until it ends, turning southwest onto Hammel Road. The path would enter Huron Meadows Metropark off of Hammel Road heading north and meeting up with the Cedar Trace Trail. The path continues north around the golf course and exits Huron Meadows Metropark on Maltby Road south of the Scranton Middle School entrance. The pathway continues down Maltby Road until the bridge crossing at US-23.
- Route 2:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road until the crossing at US-23, with a pathway connection heading south into Huron Meadows Metropark. The pathway will follow the northern property line, heading south along the east property line, then turning west into the park behind the existing maintenance building, continuing parallel to the existing maintenance drive. The connection would then follow the existing road south until the terminis at the Sunset Ridge Trailhead.
- Route 3:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road, then turning south onto Welle Road until it ends, turning southwest onto Hammel Road. The path would enter Huron Meadows Metropark off of Hammel Road and following the existing entrance road to the Sunset Ridge trailhead. There would also be a connection from Hammel Road turning north onto Rickett Road and east on Maltby to the US-23 bridge crossing.
- Route 4:** The route leaves Brighton State Recreation Area, turning south onto Hamburg Road and following Hamburg Road until Winans Lake Road. The pathway will continue southeast on Winans Lake Road, then turn north into Huron Meadows Metropark. The route exits onto Rickett Road, turning south until Winans Lake Road, then heading east until turning north on Whitmore Lake Road.

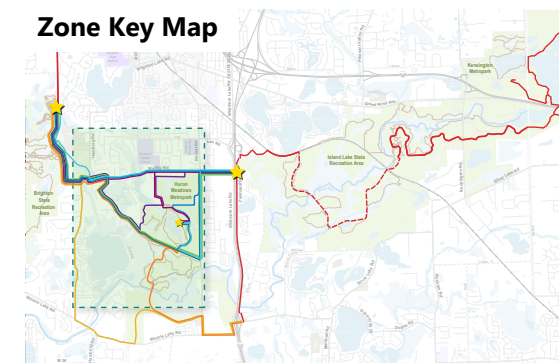
Note: Additional Routes on page 13.



| ROUTE NUMBER   | ROUTE DESCRIPTION   | RESIDENTIAL ACCESSIBILITY (15 PTS) | SAFETY (10 PTS) | SCENIC QUALITY (10 PTS) | VIABILITY OF LONG TERM MAINTENANCE (10 PTS) | FEASIBILITY OF DEVELOPMENT (20 PTS) | PROPERTY ACQUISITION FEASIBILITY (20 PTS) | REGIONAL PARK CONNECTIVITY (15 PTS) | TOTAL     |
|----------------|---|------------------------------------|-----------------|-------------------------|---|-------------------------------------|---|-------------------------------------|-----------|
| <b>Route 1</b> | Hammel Rd to Cedar Trace Trail around Golf Course   | 15                                 | 8               | 9                       | 9   | 10                                  | 3   | 12                                  | <b>66</b> |
| <b>Notes</b>   | Metropark opposed to impeding golf course, ortion of the trail is isolated, some wetland along Hammel Rd., ROW on Hammel Rd/property acquisition will be extremely difficult. Would require removing large beautiful trees on Hammel Rd.  |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 2</b> | Maltby Rd with out and back within Metropark property   | 15                                 | 9               | 5                       | 9   | 18                                  | 17  | 15                                  | <b>88</b> |
| <b>Notes</b>   | Least attractive route along Maltby, but picks up the most houses, most efficient and direct route,.  |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 3</b> | Rickett Rd to Hammel Rd   | 8                                  | 9               | 8                       | 8   | 15                                  | 2   | 12                                  | <b>62</b> |
| <b>Notes</b>   | Property acquisition on Hammel Rd will be extremely difficult, adds additional distance to trail going all the way to main entrance. Would require removing large beautiful trees on Hammel Rd.   |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 4</b> | Hamburg Rd to Winans Lake Rd  | 13                                 | 8               | 8                       | 7   | 14                                  | 3   | 6                                   | <b>59</b> |
| <b>Notes</b>   | Part of the trail is isolated, longest route will make it the most expensive to build and hardest to maintain, requires a bridge over the river and a wetland crossing, ROW on Hamburg and Winans Lake is not wide enough for 10' path and on road biking is not safe. Route does not access the main amenities of park and is not a direct connection. |                                    |                 |                         |   |                                     |   |                                     |           |

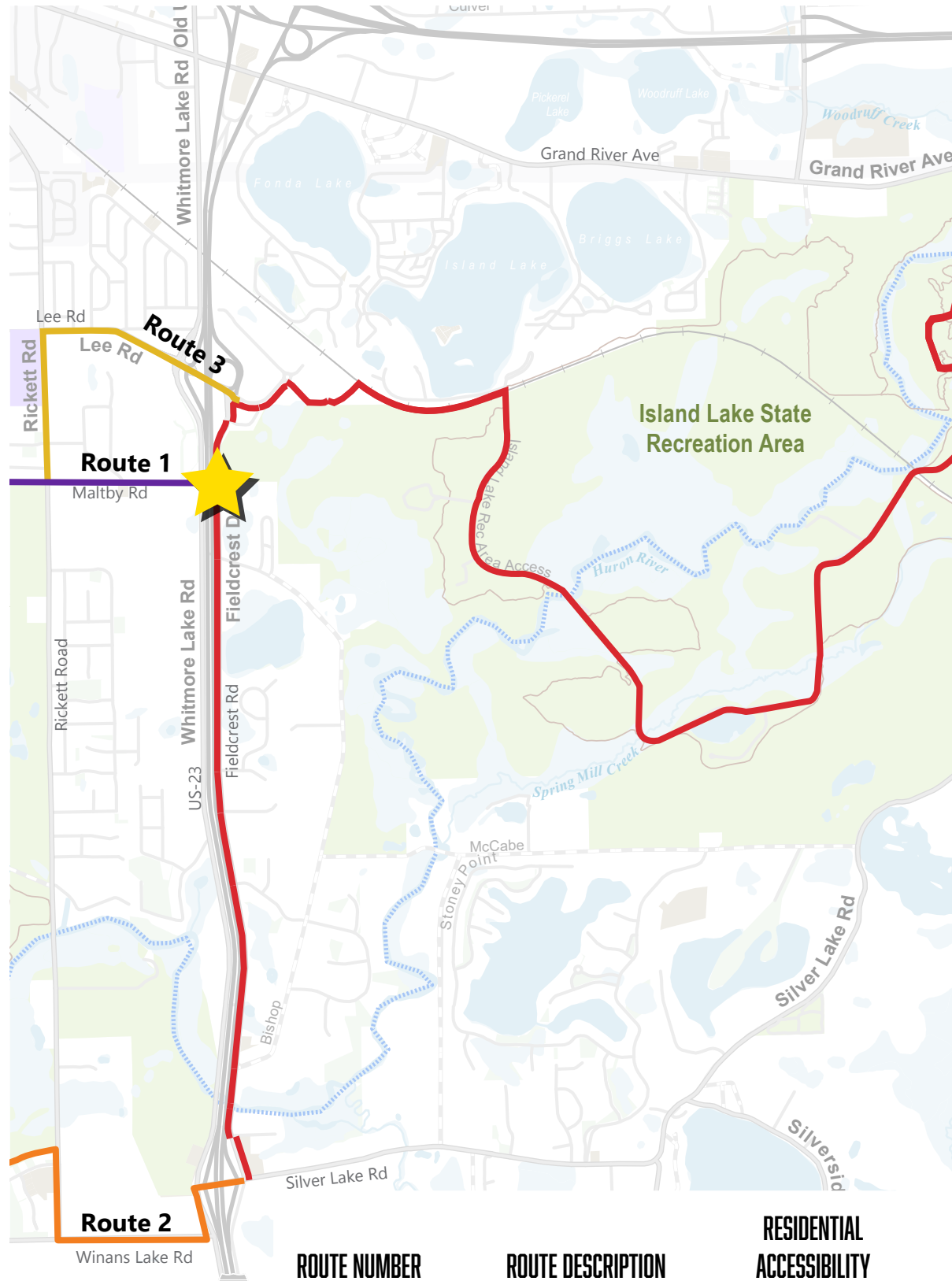


- Route 5:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road until the crossing at US-23, with an additional out and back connection going south on Rickett Road and turning northwest onto Hammel Rd. The pathway enters the park on the northside of the road and follows the existing park accessway, terminating at the Sunset Ridge Trailhead.
- Route 6:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road until the crossing at US-23, with an additional out and back connection into Huron Meadows. The path would head south across from Scranton Middle School, staying along the west property line, then following the existing road and terminating at the Sunset Ridge Trailhead.
- Route 7:** The route leaves Brighton State Recreation Area heading east onto Bauer and continuing onto Maltby Road, then turning south onto Welle Road until it ends, turning southwest onto Hammel Road. The pathway will turn south into Huron Meadows Metropark, following the existing Moraine Fen rustic trail, with a bridge crossing over the Huron River where a new trail would be developed within the park. The route exits onto Rickett Road, turning south until Winans Lake Road, then heading east until turning north on Whitmore Lake Road.



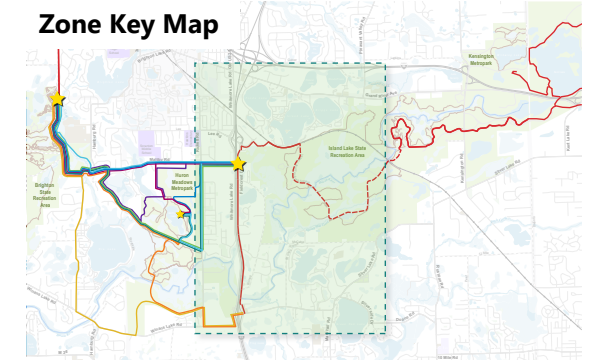
| ROUTE NUMBER   | ROUTE DESCRIPTION  | RESIDENTIAL ACCESSIBILITY (15 PTS) | SAFETY (10 PTS) | SCENIC QUALITY (10 PTS) | VIABILITY OF LONG TERM MAINTENANCE (10 PTS) | FEASIBILITY OF DEVELOPMENT (20 PTS) | PROPERTY ACQUISITION FEASIBILITY (20 PTS) | REGIONAL PARK CONNECTIVITY (15 PTS) | TOTAL     |
|----------------|--|------------------------------------|-----------------|-------------------------|---|-------------------------------------|---|-------------------------------------|-----------|
| <b>Route 5</b> | Rickett Rd to Hammel Rd out and back   | 15                                 | 9               | 3                       | 9   | 17                                  | 17  | 12                                  | <b>82</b> |
| <b>Notes</b>   | Property acquisition on Hammel Rd will be extremely difficult, adds additional distance to trail going all the way to main entrance. Accesses subdivisions right next to the park that have no pedestrian access.  |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 6</b> | Maltby Rd with out and back across from Scranton   | 15                                 | 9               | 5                       | 9   | 17                                  | 12  | 12                                  | <b>79</b> |
| <b>Notes</b>   | Least attractive route along Maltby, but picks up the most houses, most efficient and direct route, provides an entrance right across from a school. Property acquisition across from the school would be necessary and difficult to obtain.   |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 7</b> | Hammel Rd through Huron Meadows to Winans Lake Rd  | 12                                 | 8               | 10                      | 7   | 14                                  | 3   | 6                                   | <b>60</b> |
| <b>Notes</b>   | Accesses scenic/rustic side of park which would be beautiful but far from main amenities. Part of the trail is isolated. Longest route will make it the most expensive to build and hardest to maintain, requires a bridge over the river and a wetland crossing. Not an efficient connection between parks. |                                    |                 |                         |   |                                     |   |                                     |           |



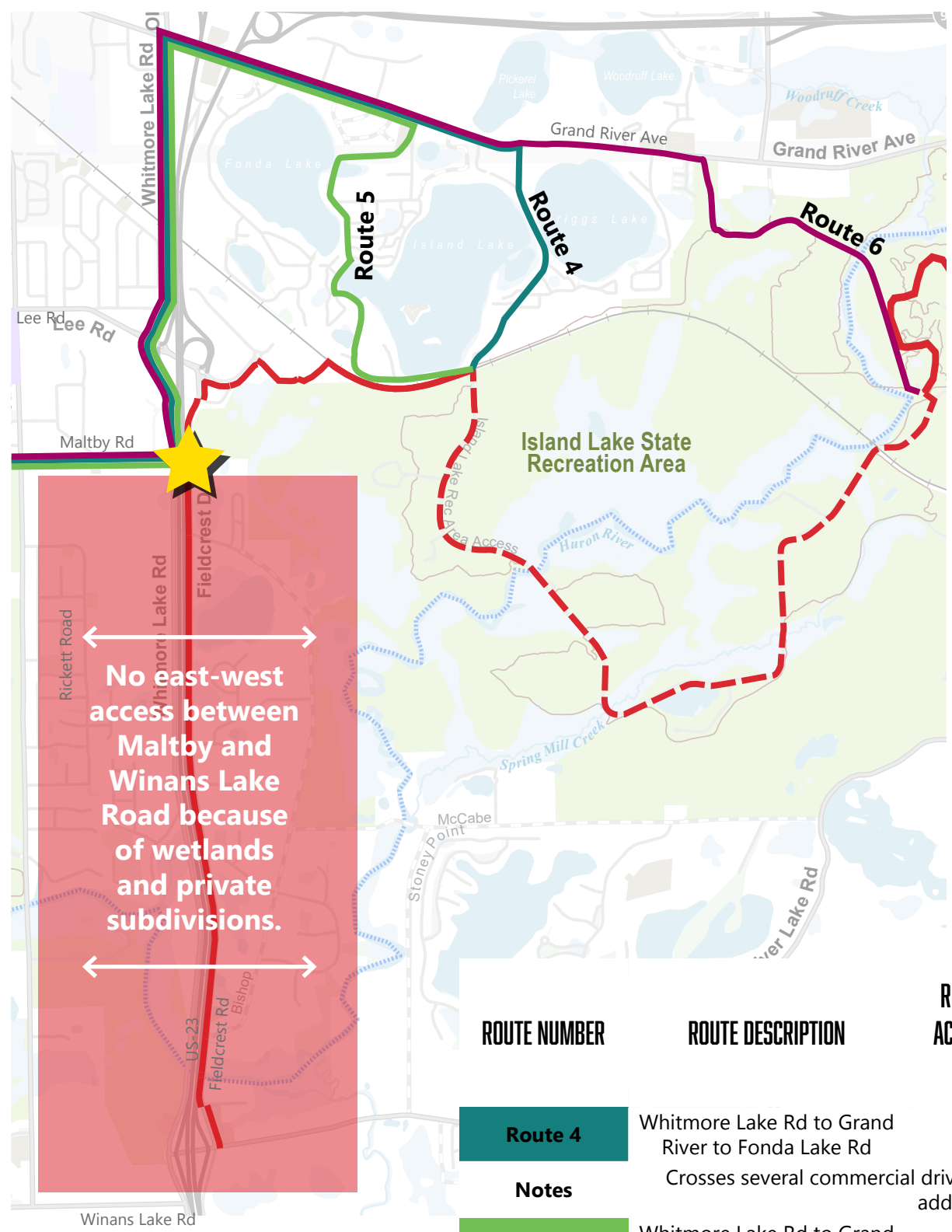


- Route 1: The route crosses US-23 with a new pedestrian bridge. The new bridge will end on the existing Fieldcrest Drive paved pathway, then head north and east to meet with the existing Island Lake Trail Connector.
- Route 2: The route heads east on Winans Lake Road, turning north onto Whitmore Lake Road. Next, the pathway turns east onto Silver Lake Road with a sidewalk crossing under the US-23 overpass, picking up the existing trail heading north on Fieldcrest Drive. The pathway will continue to head north and east to meet up with the existing Island Lake Trail Connector.
- Route 3: The route turns north onto Rickett Road, turning east onto Lee Road, through the three roundabouts and meeting up with the existing route at Green Oak Mall.
- Existing Route

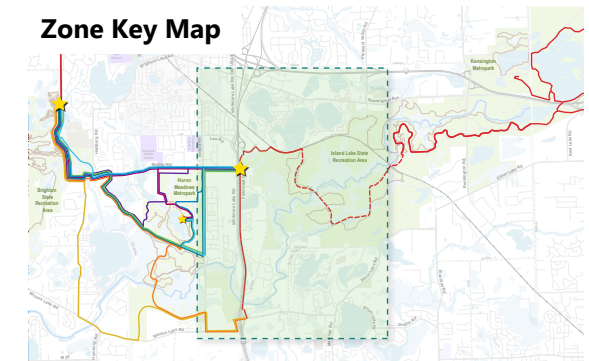
Note: Additional Routes on page 15.



| ROUTE NUMBER   | ROUTE DESCRIPTION  | RESIDENTIAL ACCESSIBILITY (15 PTS) | SAFETY (10 PTS) | SCENIC QUALITY (10 PTS) | VIABILITY OF LONG TERM MAINTENANCE (10 PTS) | FEASIBILITY OF DEVELOPMENT (20 PTS) | PROPERTY ACQUISITION FEASIBILITY (20 PTS) | REGIONAL PARK CONNECTIVITY (15 PTS) | TOTAL     |
|----------------|--|------------------------------------|-----------------|-------------------------|---|-------------------------------------|---|-------------------------------------|-----------|
| <b>Route 1</b> | Bridge over US-23  | 15                                 | 10              | 9                       | 8   | 14                                  | 20  | 15                                  | <b>91</b> |
| <b>Notes</b>   | Most direct and efficient link between parks. Safest route with least amount of road crossings                   |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 2</b> | Sidewalk under US-23   | 12                                 | 8               | 8                       | 10  | 18                                  | 20  | 4                                   | <b>80</b> |
| <b>Notes</b>   | Safe route however not a direct or efficient link between parks.   |                                    |                 |                         |   |                                     |   |                                     |           |
| <b>Route 3</b> | Rickett Rd to Lee Rd   | 9                                  | 1               | 5                       | 9   | 10                                  | 16  | 11                                  | <b>61</b> |
| <b>Notes</b>   | Crosses three roundabouts, two expressway entrance ramps and mall entrances, which create several safety issues. |                                    |                 |                         |   |                                     |   |                                     |           |



- Route 4: The route turns north on Whitmore Lake Road, then heads west down Grand River Drive until Academy Drive. Follows Academy Drive south through the subdivision until the Neighborhood Trail Connector into Island Lake Recreation Area.
- Route 5: The route turns north on Whitmore Lake Road, then heads west down Grand River Drive until Superior Drive. Follows Superior Drive, turning west onto Kenrich Drive until it connects with Fonda Lake Drive. The path continues south down Fonda Lake Road until Island Lake Drive.
- Route 6: The route turns north on Whitmore Lake Road, then heads west down Grand River Drive until Island Lake State Recreation Area. Passes through the north part of Island Lake until Island Lake Drive.



| ROUTE NUMBER   | ROUTE DESCRIPTION  | RESIDENTIAL ACCESSIBILITY (15 PTS) | SAFETY (10 PTS) | SCENIC QUALITY (10 PTS) | VIABILITY OF LONG TERM MAINTENANCE (10 PTS) | FEASIBILITY OF DEVELOPMENT (20 PTS) | PROPERTY ACQUISITION FEASIBILITY (20 PTS) | REGIONAL PARK CONNECTIVITY (15 PTS) | TOTAL |
|----------------|--|------------------------------------|-----------------|-------------------------|---|-------------------------------------|---|-------------------------------------|-------|
| <b>Route 4</b> | Whitmore Lake Rd to Grand River to Fonda Lake Rd   | 14                                 | 3               | 4                       | 7   | 5                                   | 2   | 5                                   | 41    |
| <b>Notes</b>   | Crosses several commercial driveways, which affects safety, requires a double bridge crossing, property acquisition is difficult in subdivisions, route adds additional mileage, which results in a more expensive route with more infrastructure to maintain.   |                                    |                 |                         |   |                                     |   |                                     |       |
| <b>Route 5</b> | Whitmore Lake Rd to Grand River to Academy Rd  | 14                                 | 3               | 4                       | 7   | 5                                   | 2   | 5                                   |       |
| <b>Notes</b>   | Crosses several commercial driveways, which affects safety, requires a double bridge crossing, property acquisition is difficult in subdivisions, route adds additional mileage, which results in a more expensive route with more infrastructure to maintain.   |                                    |                 |                         |   |                                     |   |                                     |       |
| <b>Route 6</b> | Whitmore Lake Rd to Grand River to Academy Rd  | 14                                 | 3               | 8                       | 7   | 5                                   | 18  | 5                                   | 60    |
| <b>Notes</b>   | Crosses several commercial driveways, which affects safety, requires a double bridge crossing, route adds additional mileage, which results in a more expensive route with more infrastructure to maintain. Passes through endangered snake habitat within ILRA. |                                    |                 |                         |   |                                     |   |                                     |       |

## SELECTED ROUTE

Based on the scoring rubric, Zone A Route 2, Zone B Route 2, and Zone C Route 1 achieved the highest rating. This combination of routes offers an off-road pathway that runs north/south along Bauer Road and east/west along Maltby Road where a proposed pedestrian bridge over US-23 will provide a connection to the existing pathway along Fieldcrest Drive. It includes a spur down the east side of Huron Meadows Metropark, entering the park behind the maintenance buildings and terminating near the Sunset Ridge trailhead.

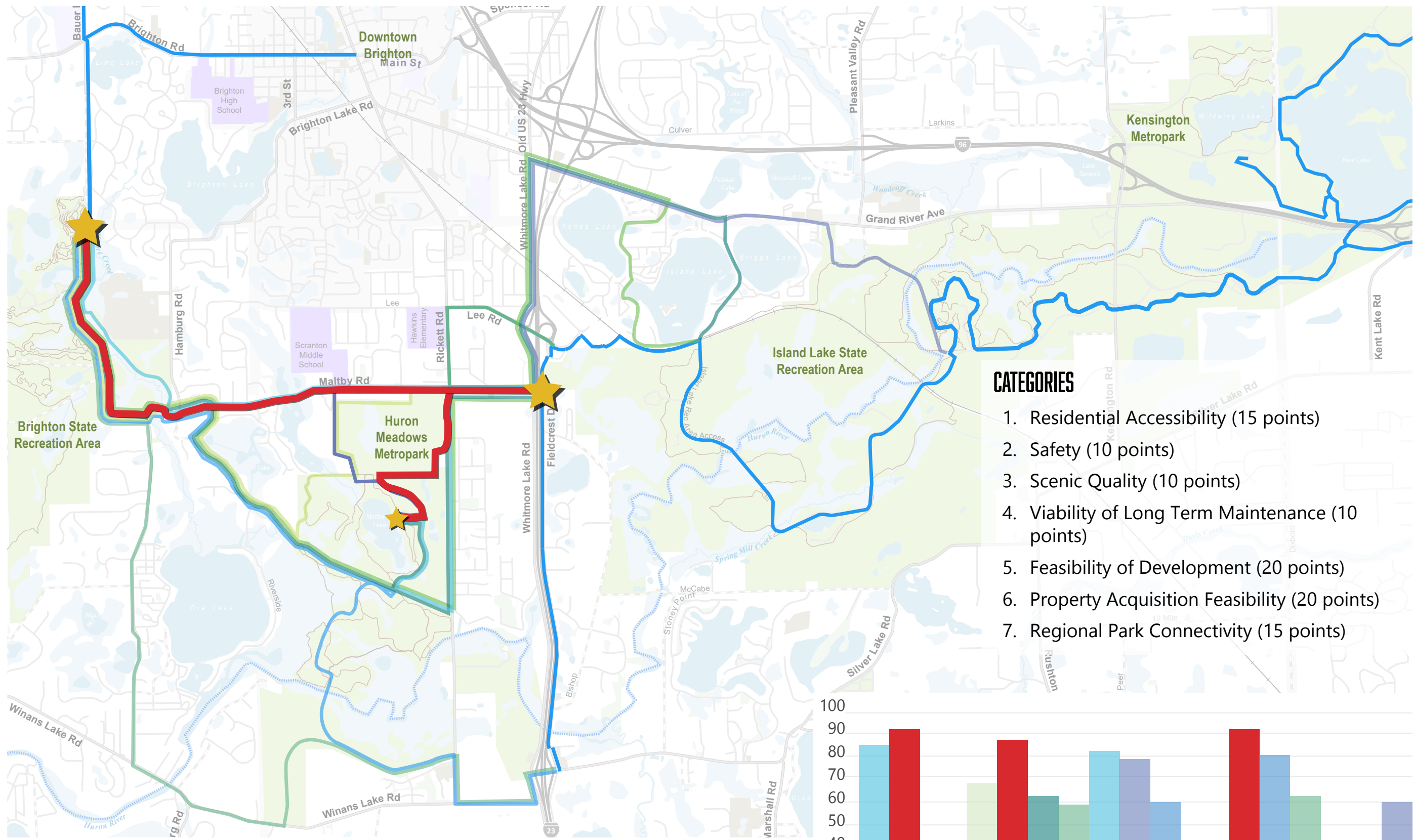
This intuitive route includes only one change in direction and achieves the goal of providing a safe and efficient non-motorized connection between Brighton Recreation Area (BRA), Huron Meadows Metropark, Island Lake Recreation Area (ILRA), and Kensington Metropark.

All 54 possible segment combinations evaluated had strong merit in multiple scoring categories. The distinguishing factors of the selected route, however, are the feasibility of development, property acquisition feasibility, and efficiency of connecting all four parks. It also provides the most efficient and cost effective access to Lakelands Trail via future pathways (as seen in Appendix IV). Route options that access the undeveloped south end of Huron Meadows Metropark added up to 7.7 miles of pathway, making these routes less efficient overall. While distance was not the singular determining factor, it negatively impacted the other scoring metrics by increasing impact on natural features and reducing property acquisition feasibility.

### Highlights of the selected route include:

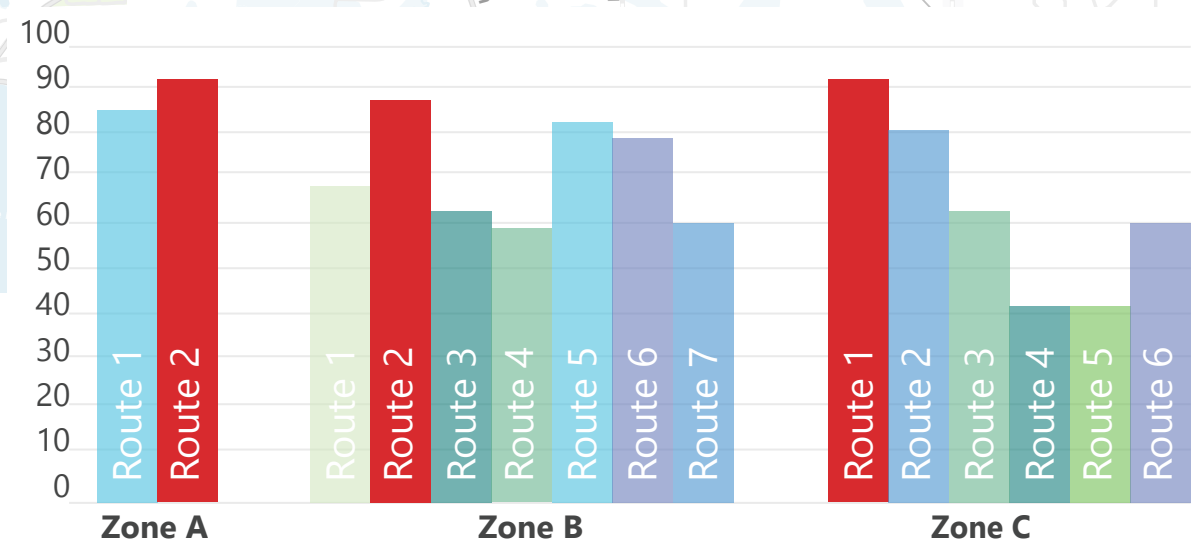
- Two scenic crossings of South Ore Creek
- A connection to Scranton Middle School
- Views of Dibrova Lake
- Direct access from five neighborhoods
- A connection into the north end of Huron Meadows Metropark
- Pedestrian access to Huron Meadows from the City of Brighton





**CATEGORIES**

1. Residential Accessibility (15 points)
2. Safety (10 points)
3. Scenic Quality (10 points)
4. Viability of Long Term Maintenance (10 points)
5. Feasibility of Development (20 points)
6. Property Acquisition Feasibility (20 points)
7. Regional Park Connectivity (15 points)





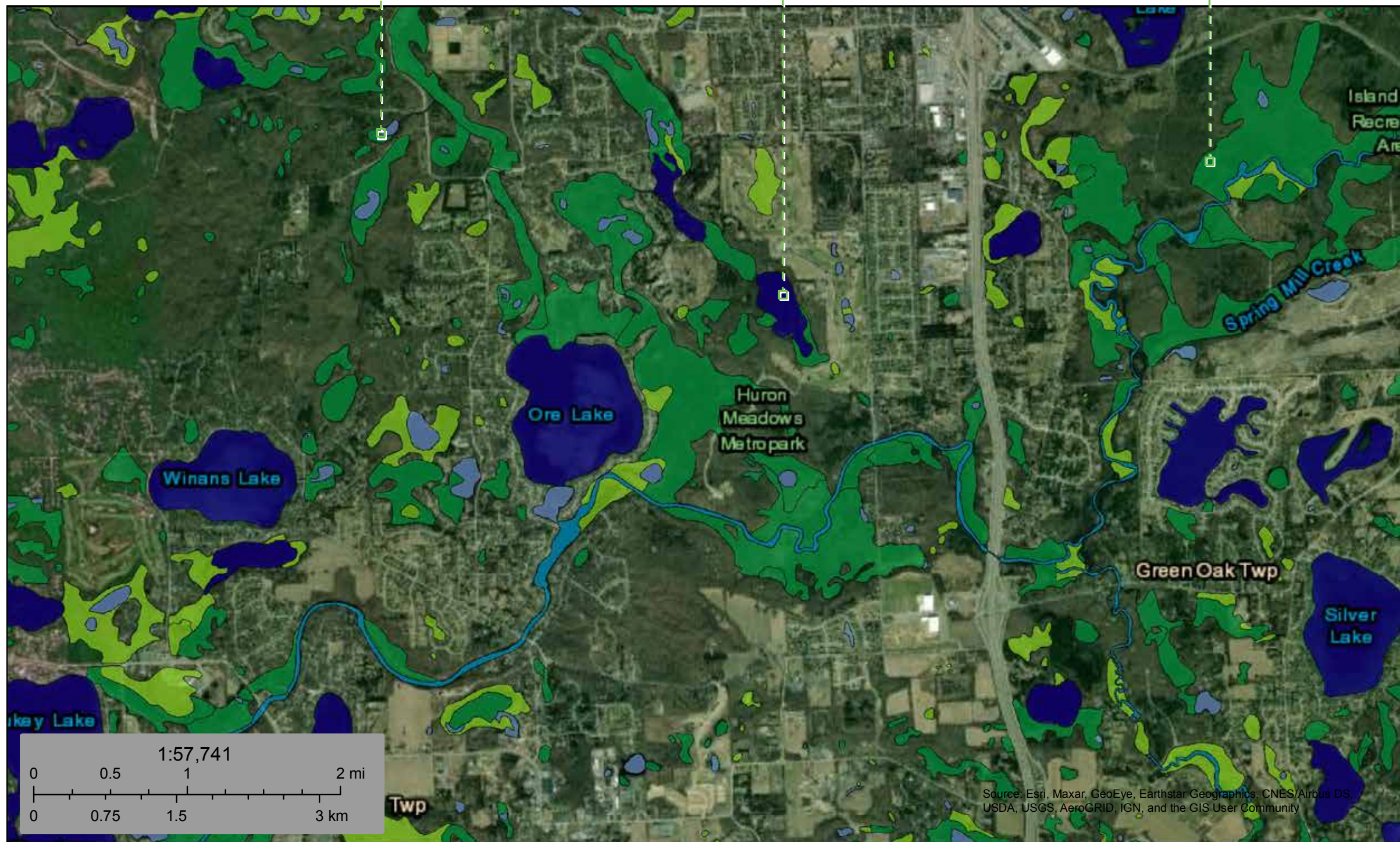




BRIGHTON STATE RECREATION AREA









HURON MEADOWS METROPARK

ISLAND LAKE RECREATION AREA



August 12, 2021

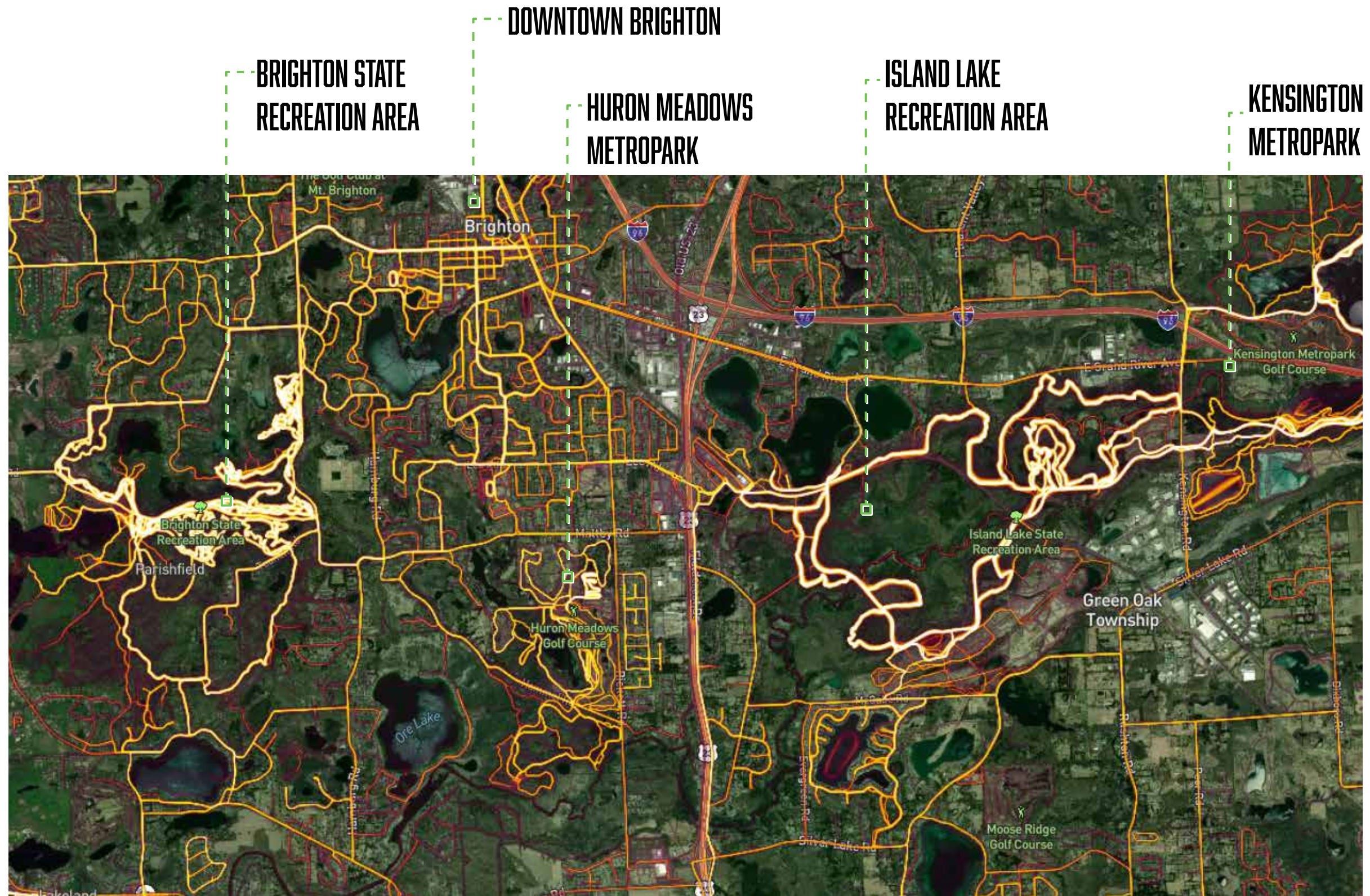
**Wetlands**

- |  |   |  |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland       |  Lake     |
|  Estuarine and Marine Wetland   |  Freshwater Forested/Shrub Wetland |  Other    |
|  |  Freshwater Pond                   |  Riverine |

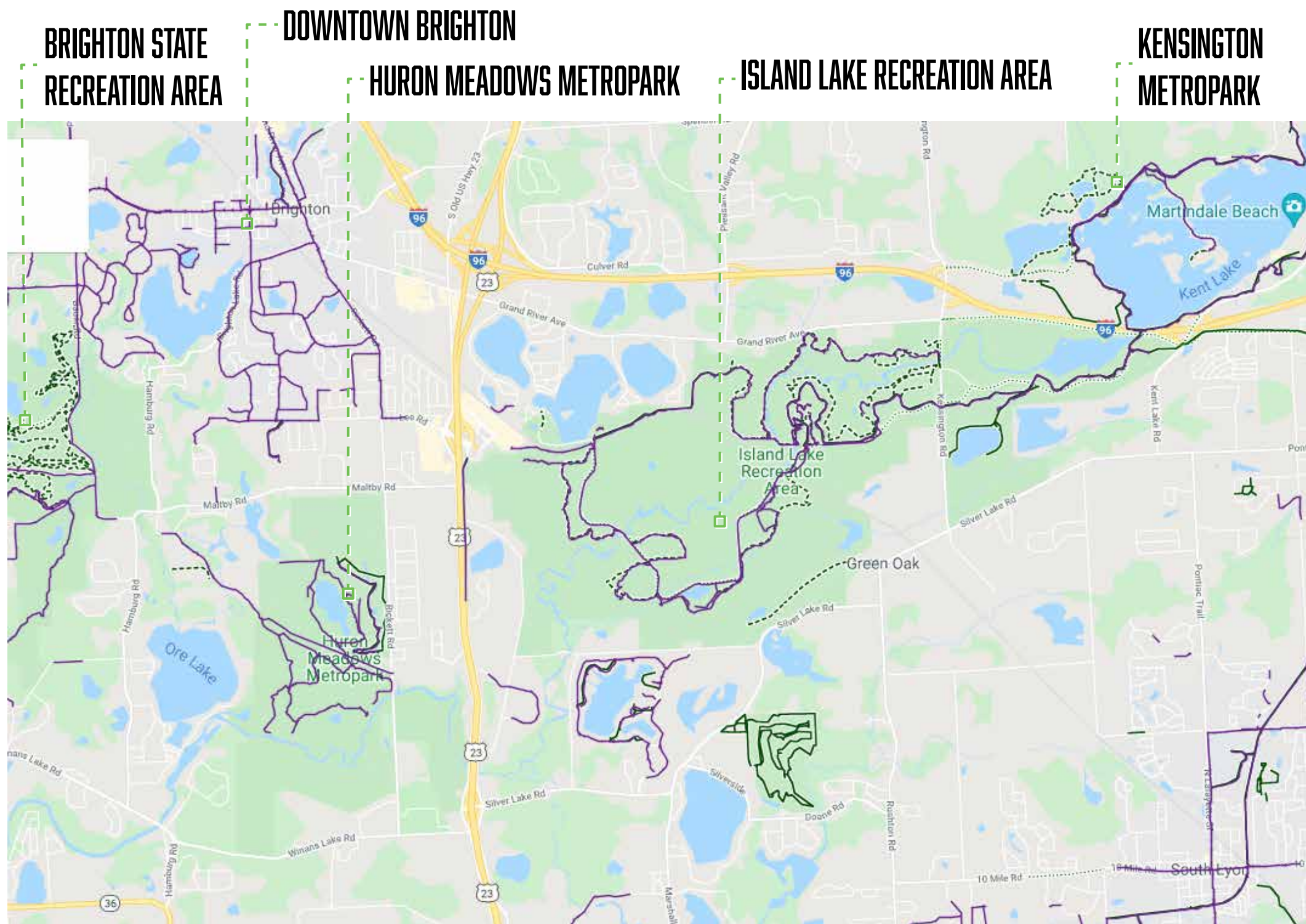
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)  
This page was produced by the NWI mapper

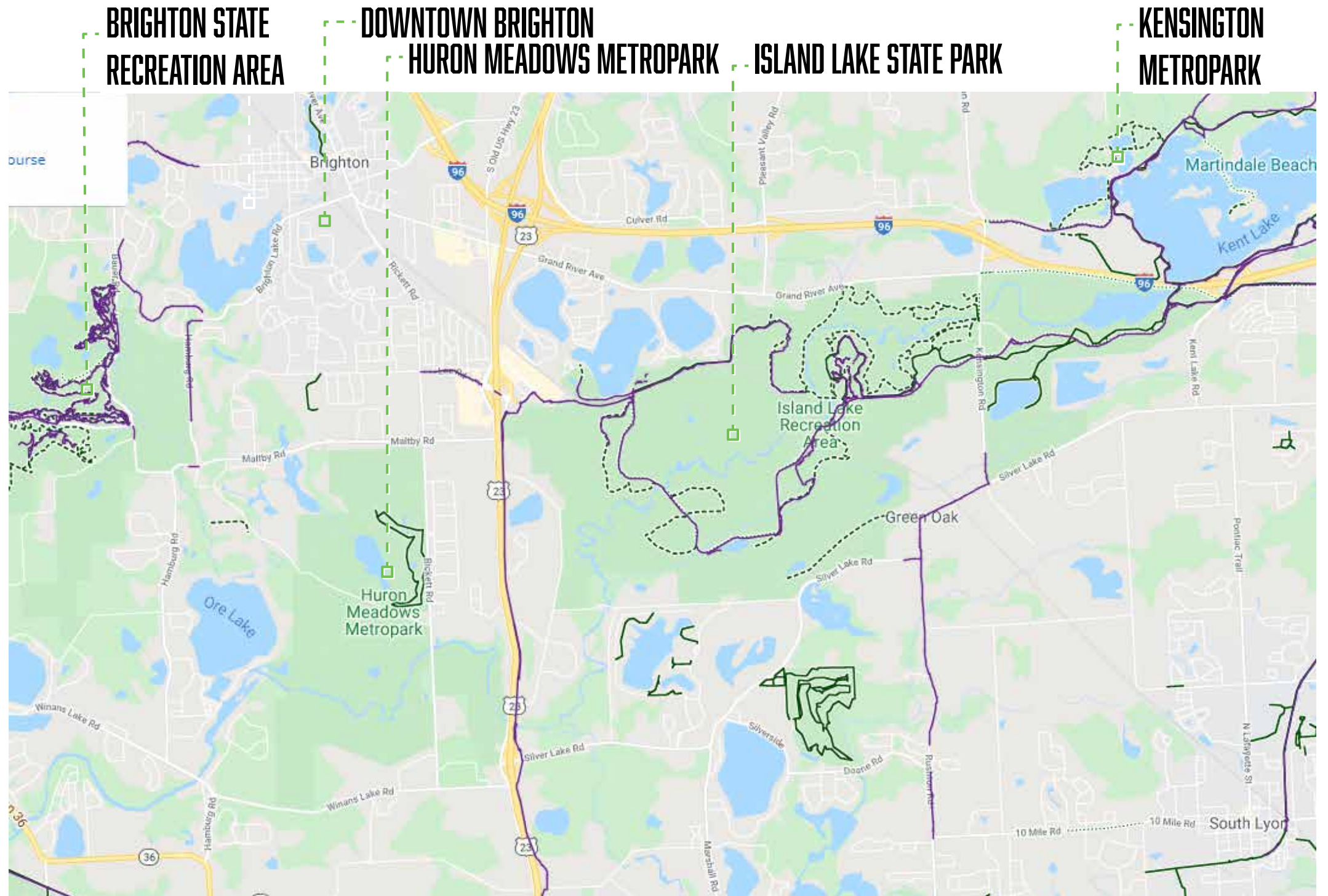




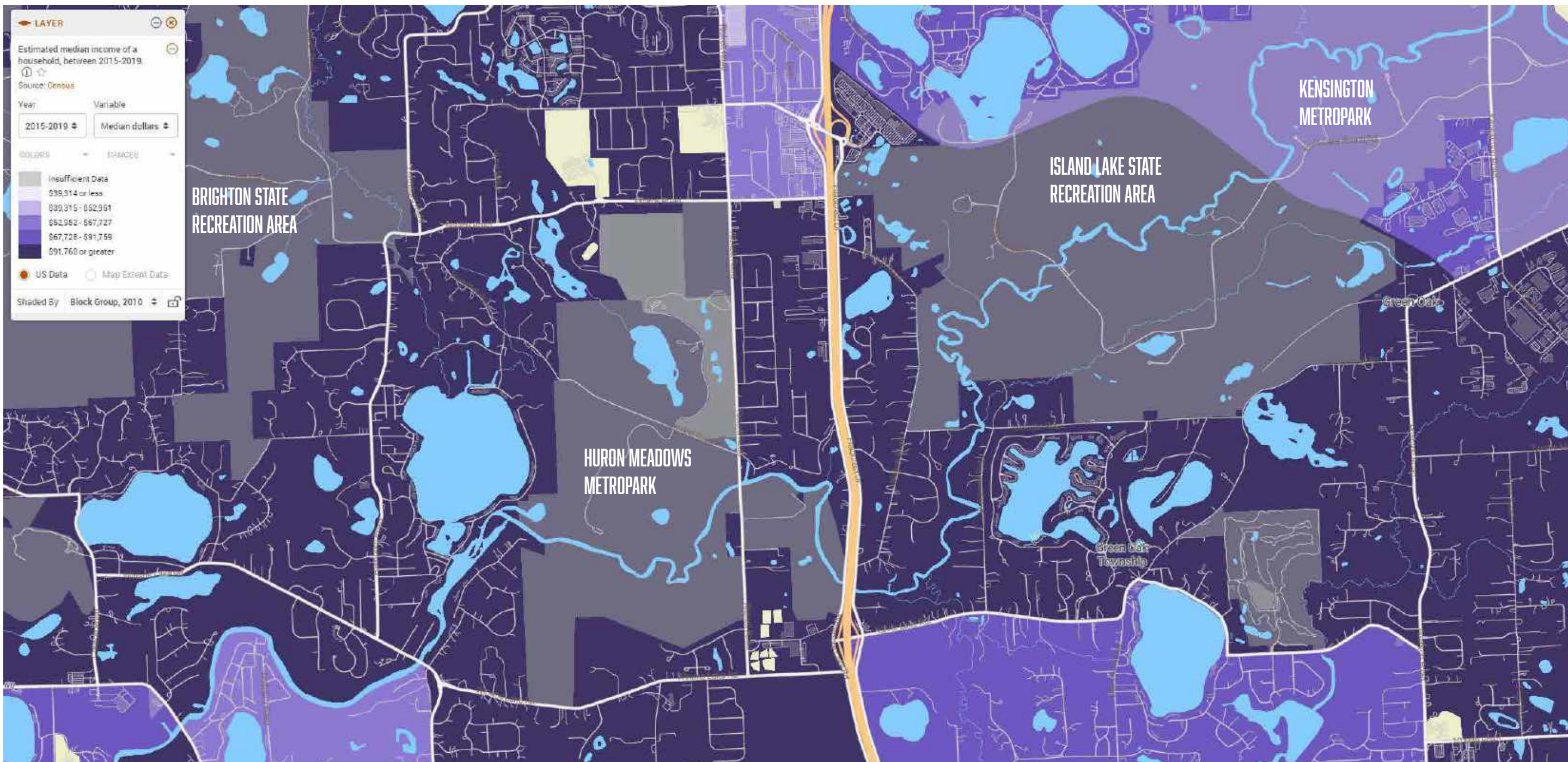




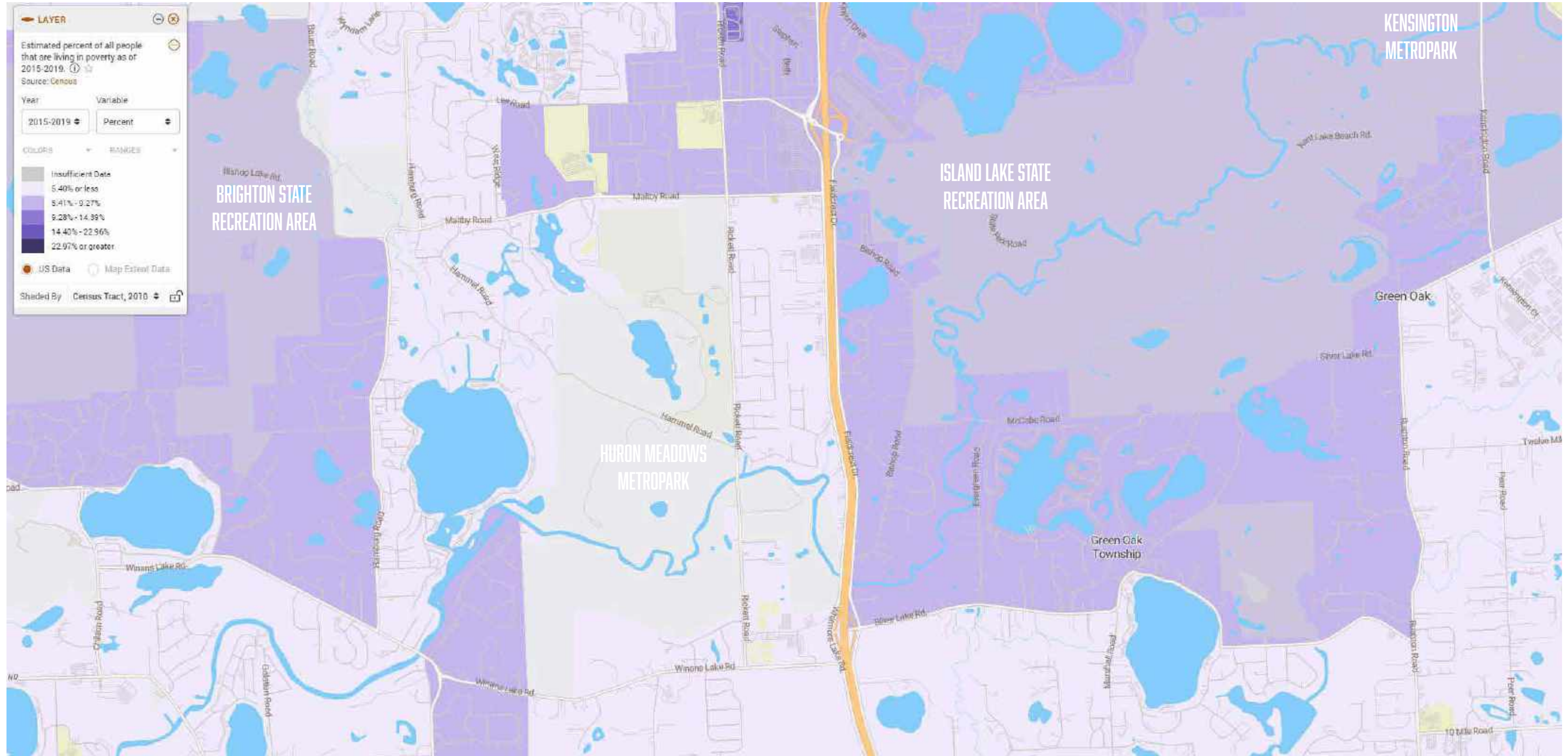




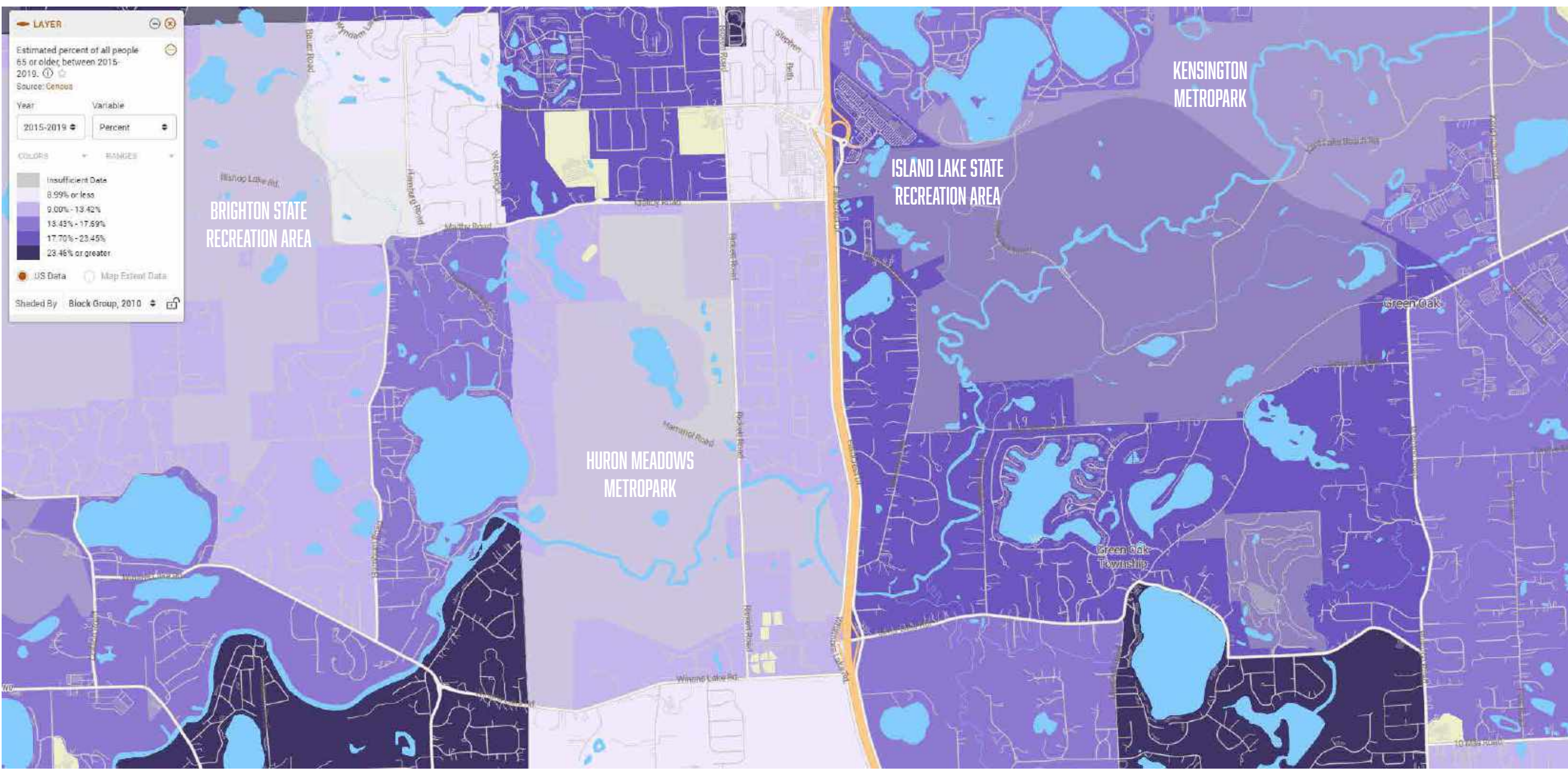












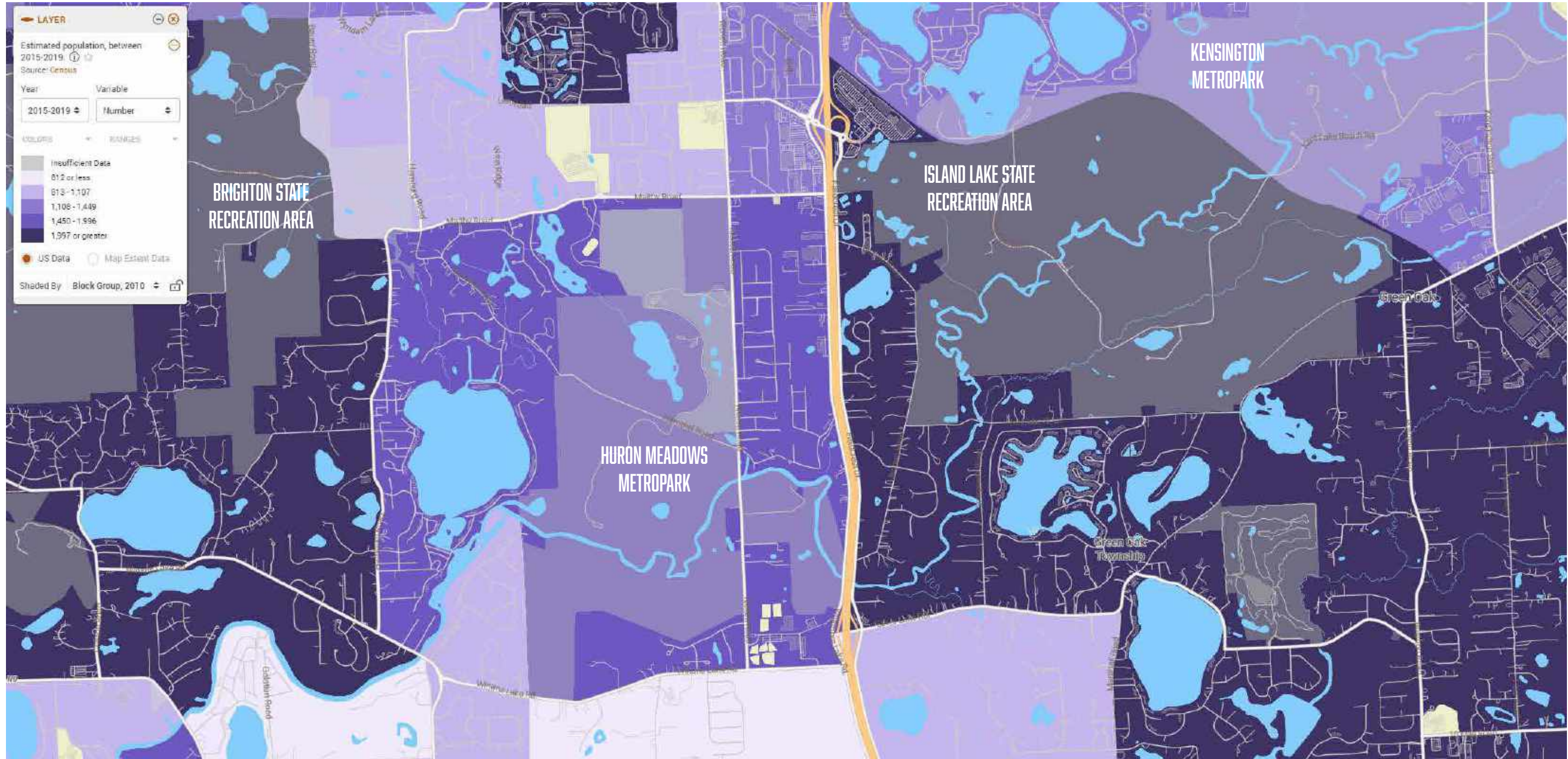
















Huron Meadows Metropark Golf Course



Huron Meadows Metropark Maintenance Drive







Wide existing shoulder over Ore Creek on Hamburg Rd



Existing Bridge abutment over Ore Creek



Beginning of route in Brighton State Recreation Area



Ore Creek crossing in BRA



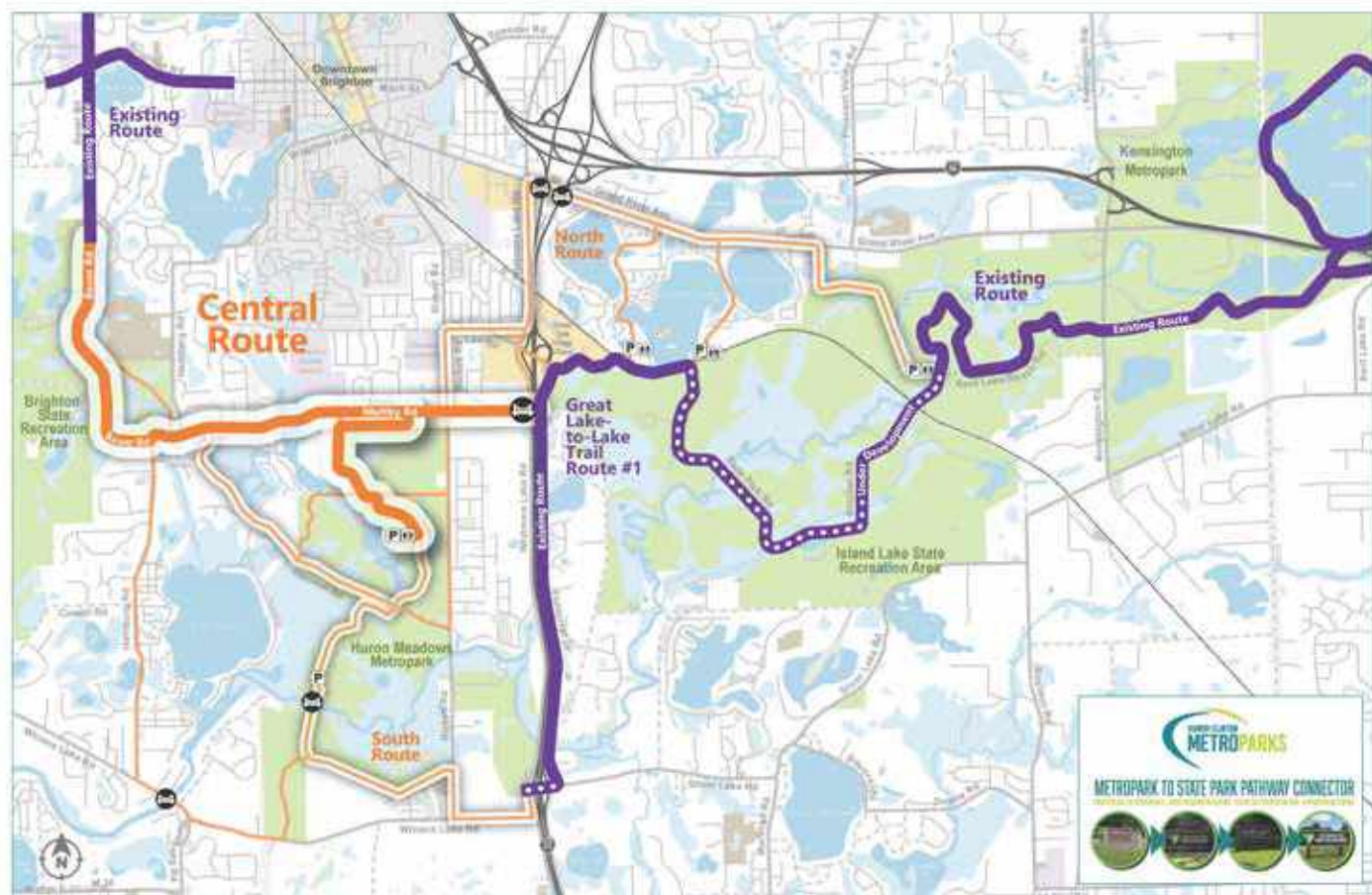
Existing trails in Huron Meadows Metropark



Steep elevation along Maltby Rd

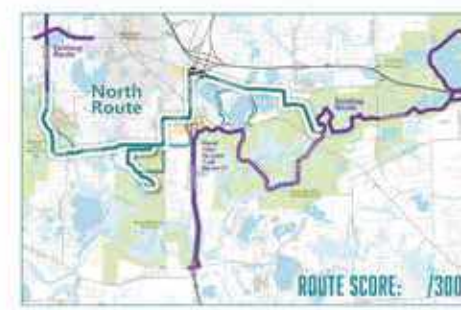
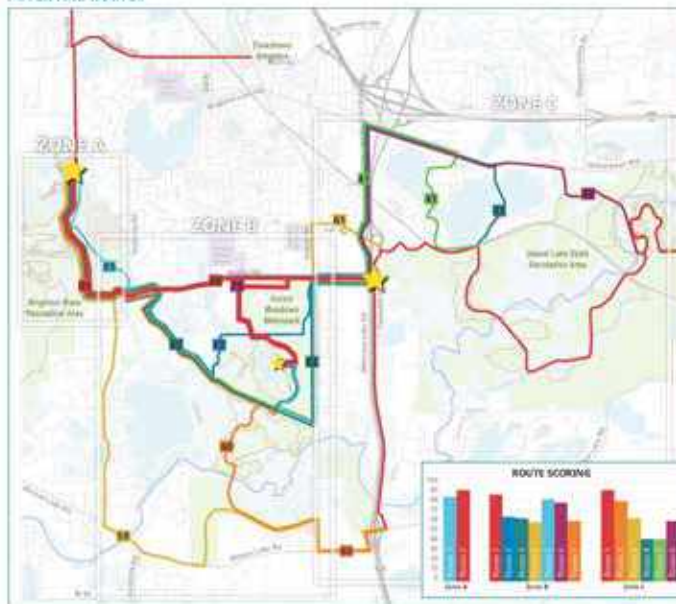






The goal of this project is to provide a safe and efficient non-motorized connection between four large regional parks. Multiple variations of three general routes were evaluated. We are seeking input on the Central Route as that alternative scored significantly higher than the North and South Routes.

POTENTIAL ROUTES



ROUTE SCORING CATEGORIES

**Residential Accessibility (15 pts)**  
A measure of both population density and geographic diversity.  
1 = low density residential near the trail  
15 = easy access to high density residential areas

**Safety (10 pts)**  
A comparative measure of route safety in terms of interaction with vehicle traffic as well as public visibility of the trail section.  
1 = significant safety concerns - potentially unsafe  
10 = limited safety concerns - very safe

**Scenic Quality (10 pts)**  
A comparative measure of scenic quality along the route as well as diversity of landscape character. Both attractive scenery and landscape diversity are desirable.  
1 = poor scenic quality  
10 = attractive scenery with diversity

**Viability of Long-Term Maintenance (10 pts)**  
A measure of potential long-term maintenance cost. Facilities such as low-banks have a higher long-term maintenance cost than a paved pathway. Additional amenities such as fences, bollards, retaining walls, pylons, etc. also a potential for increasing long-term maintenance costs.  
1 = significant maintenance costs  
10 = minimal maintenance costs

**Feasibility of Development (20 pts)**  
A measure of the ease of development in terms of technical challenges of the land. Obstacles to development may include steep slopes, natural features such as wetlands, floodplains, streams or rivers, utilities or high voltage lines.  
1 = absolute obstacle  
20 = minimal obstacle

**Property Acquisition Feasibility (20 pts)**  
A measure of the quantity of easements or land acquisition that may be required for development of the trail. The most significant obstacle to implementation is property ownership. Easement acquisition for trails on private property is often difficult and can be an insurmountable obstacle to development.  
1 = absolute obstacle  
20 = minimal obstacle

**Regional Park Connectivity (15 pts)**  
A measure of the amount of time and effort it would take to travel from one regional park to the next, as well as a measure of opportunities to establish amenities within the parks.  
1 = long distance traveled between parks  
15 = shortest distance between parks



**Metropark to State Park Pathway Connector Study**

Use the Map Layers below to toggle information on and off. You may add a comment by clicking on the location for your comment, then click the dropped pin.

**Map Layers**

- Proposed Route
- Existing Routes
- Parks

**Comments**

- Idea / Suggestion**  
Describe any suggestions or ideas you have to improve the proposed route.
- Issue / Concern**  
Describe any issues or safety concerns with the proposed route.
- Other**  
Other thoughts you would like to share.

Please stay on topic. Comments will not be posted if they are flagrant or contain offensive language.

To add a comment, use the box below to draw a line, a circle or drop a marker, and then click on it.

**HURON-CLINTON METROPARKS**


**METROPARK TO STATE PARK PATHWAY CONNECTOR**  
BRIGHTON STATE RECREATION AREA - HURON MEADOWS METROPARK - ISLAND LAKE STATE RECREATION AREA - KENNINGTON METROPARK

**ONLINE INPUT AVAILABLE THROUGH SUNDAY, SEPTEMBER 26<sup>TH</sup>**

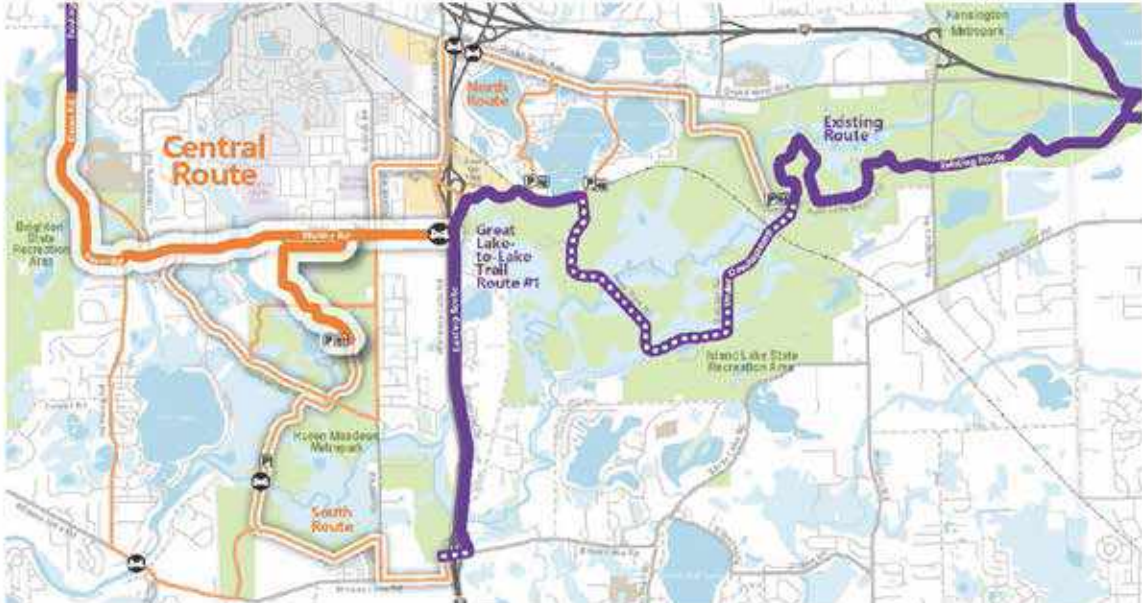
[WWW.WALKBIKE.INFO/PARKCONNECTOR](http://WWW.WALKBIKE.INFO/PARKCONNECTOR)



**METROPARK TO STATE PARK PATHWAY CONNECTOR**  
FROM THE STATE RECREATION AND LAND ADMINISTRATION DEPARTMENT, GREAT LAKES REGIONAL OFFICE, AUSTIN, TEXAS



The goal of this project is to provide a safe and efficient non-motorized connection between four large regional parks. Multiple variations of three general routes were evaluated. The survey is seeking input on the Central Route as that alternative scored significantly higher than the North and South Routes.



**1. It is important to provide a trail connection between these four parks.**

- Strongly Agree   
  Somewhat Agree   
  Neither Agree or Disagree   
  Somewhat Disagree   
  Strongly Disagree

**2. What do you LIKE about the Central Route?**

Continue on Back...

**3. What do you DISLIKE about Central Route?**

**4. What would you CHANGE about the Central Route?**

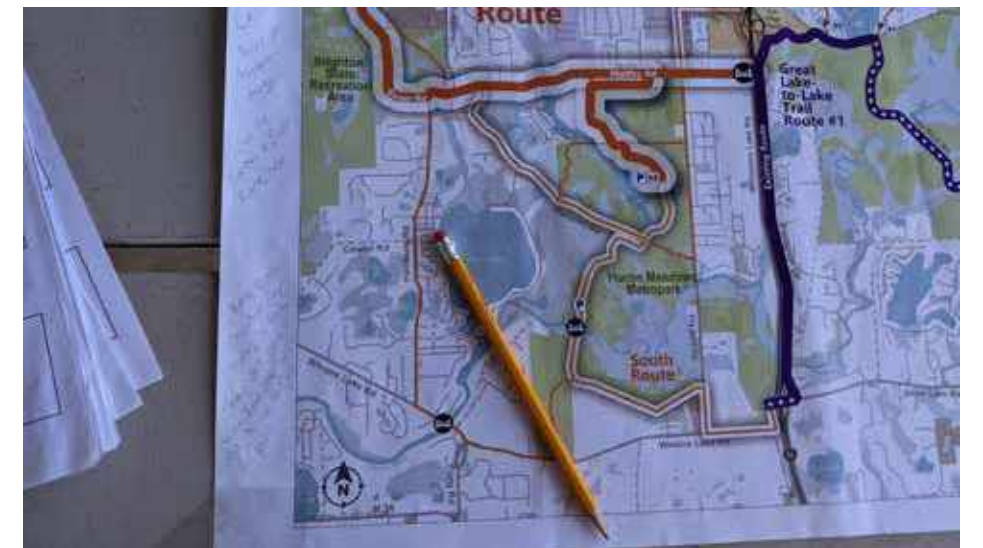
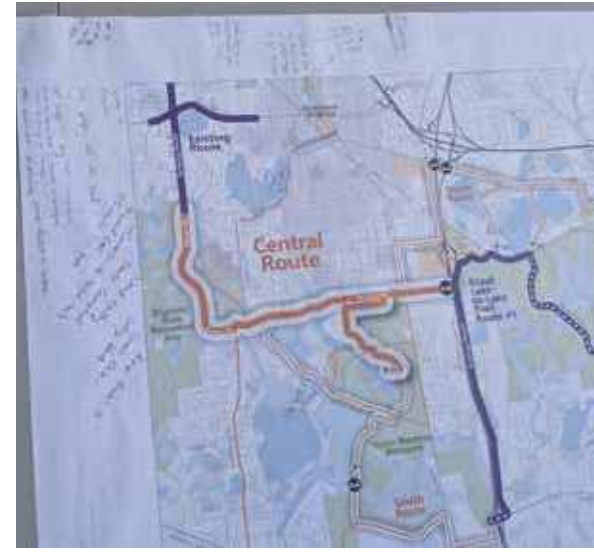
**5. Would you use the Central Route? Select all that apply.**

- Yes, for Walking   
  Yes, for Riding a bicycle   
  Yes, for Running   
  Yes, for... (please specify below) \_\_\_\_\_

**6. Tell us anything else you feel is important:**

**7. Provide your email if you would like to be notified of project updates:**







## METROPARK TO STATE PARK CONNECTOR PUBLIC ENGAGEMENT



**4**  
public input events



**28**  
online map comments



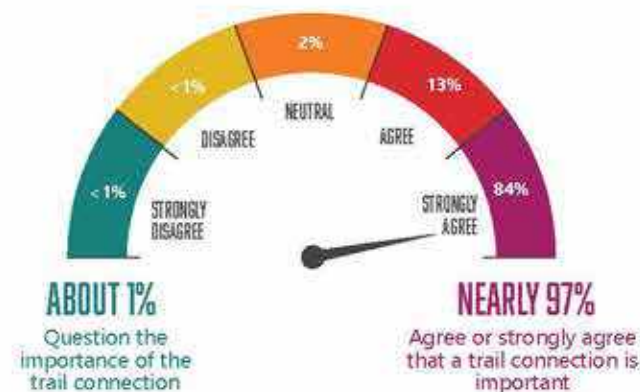
**1000+**  
surveys completed

### WOULD YOU USE THE CENTRAL ROUTE?

SELECT ALL THAT APPLY



### IT IS IMPORTANT TO PROVIDE A TRAIL CONNECTION BETWEEN THESE FOUR PARKS



### WHAT DO YOU LIKE ABOUT THE CENTRAL ROUTE?



- Provides a Safe Route
- Connects All the Parks
- Direct Connection
- Connects to Existing Trails
- Easy and Efficient
- Safe Crossing at US-23
- Neighborhood Access
- Avoids Expressway Roundabouts
- Path Separated from Road
- Option for Longer Rides/Trips
- Location
- More Nonmotorized Routes

TOP 12 ANSWERS

### WHAT DO YOU DISLIKE ABOUT THE CENTRAL ROUTE?



- Nothing
- Along Major Roadway with Traffic
- Need Path Separated from Road
- Mullby is a Busy Road
- Need Connection to Brighton
- Need Connection to Lakelands Trail
- Route into Huron Meadows
- It is Not Built Yet
- Cost
- Ends too soon at Brighton Rec Area
- Expressway Roundabouts
- Disrupt Rural Feel

TOP 12 ANSWERS

### WHAT WOULD YOU CHANGE ABOUT THE CENTRAL ROUTE?



- Nothing
- Separate Path from Road
- Connect to Brighton
- Connect to Lakelands Trail
- Loop in Huron Meadows
- Bike Lanes
- Paved Pathway
- Avoid Major Roadways
- Connect to Bishop Lake
- Build More Trails
- More Trail Amenities
- Loop Routes

TOP 12 ANSWERS

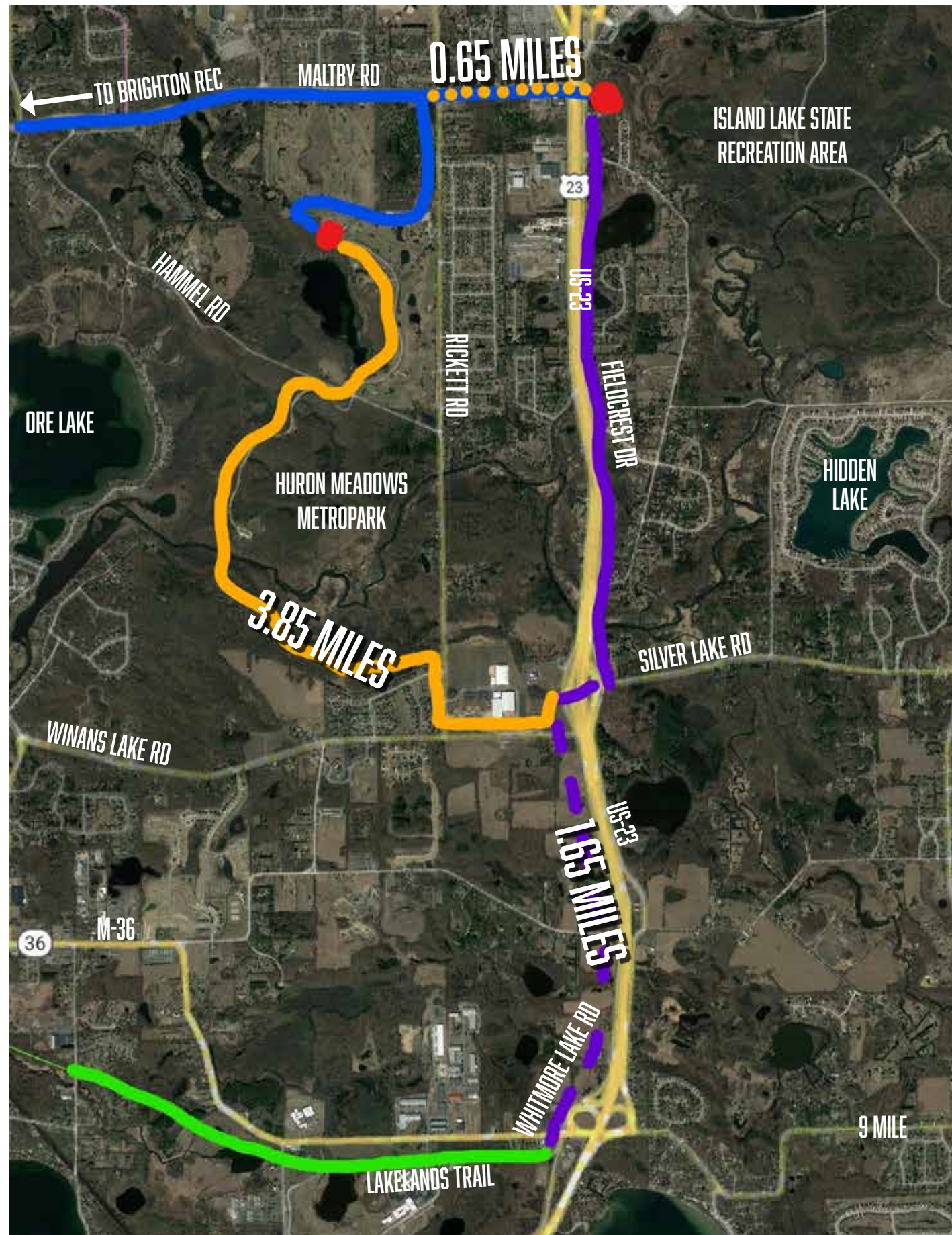
### TELL US ANYTHING ELSE YOU FEEL IS IMPORTANT:



- We Love It
- Please Build It
- Safety is Key
- Added Value to Community
- Separate Path from Road
- Build More Trails
- Thank You
- More Trail Amenities
- Connect to Lakelands Trail
- Signs and Wayfinding
- Paved Trails
- Wide Trails

TOP 12 ANSWERS





To provide an additional regional connection, we analyzed a route to Lakelands Trail shown as the orange line on the map.

**LEGEND**

- 3.85 Mile Pathway from Sunset Ridge with 300-350' Span Bridge over the Huron River & Wetlands
- 0.65 Mile Pathway with 315' Span Bridge over US-23 with Center Pier
- 1.65 Mile Future Connection to Lakelands Trail
- Existing Lakelands Trail

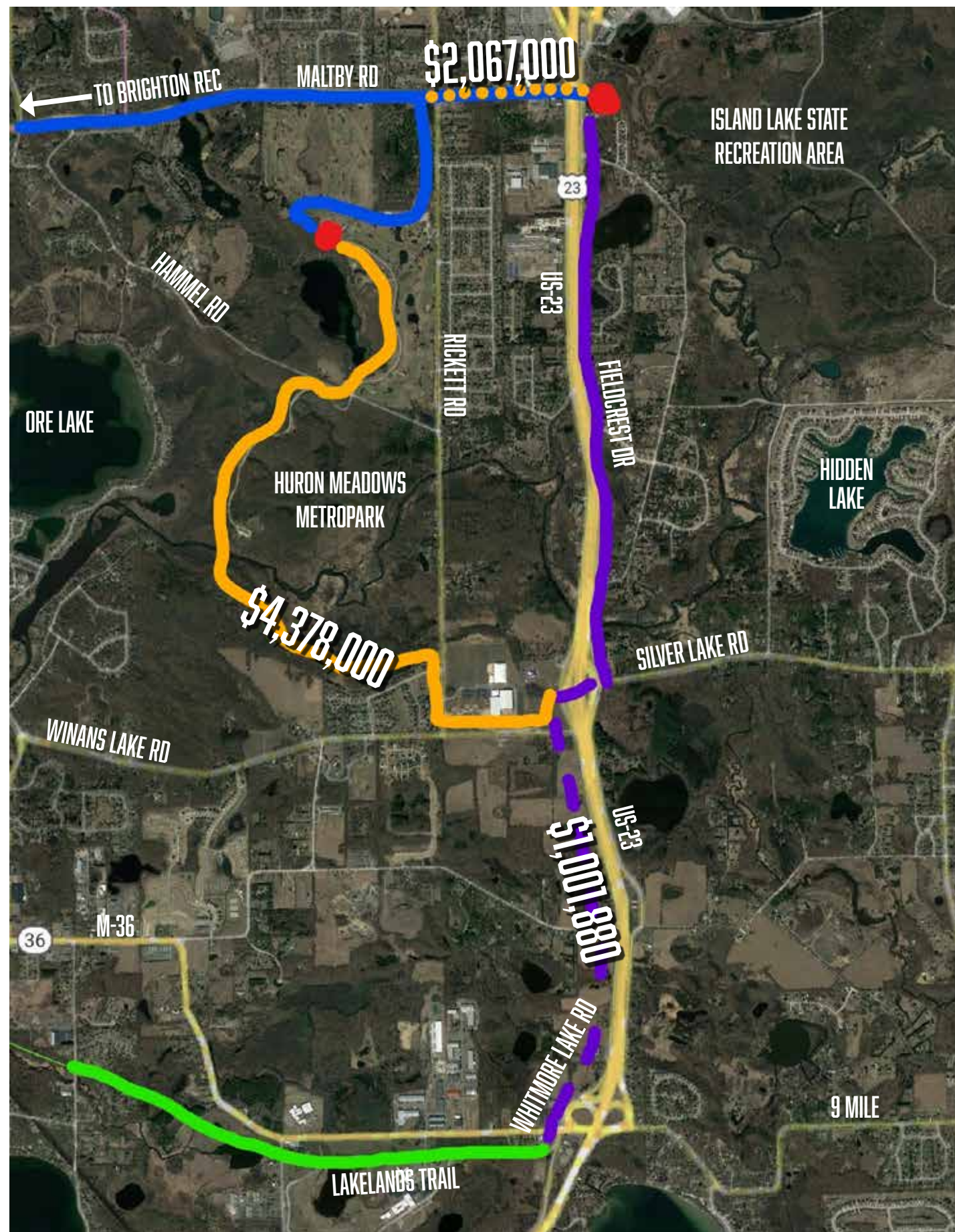
Distance from Huron Meadows Metropark (Sunset Ridge activity area) to Lakelands Trail:

- Starting at Sunset Ridge heading north through Huron Meadows Metropark to Maltby Road, crossing the US-23 bridge to Fieldcrest = **6.1 miles**
- From Sunset Ridge heading south through Huron Meadows Metropark to the Silver Lake Road/Whitmore Lake Road intersection then heading south along Whitmore Lake Road = **6.3 miles**

**SUMMARY**

The connection to Lakelands Trail via the US-23 Bridge Route to Fieldcrest to Whitmore Lake Road route is **slightly shorter** than the route through Huron Meadows Metropark.





**LEGEND**

- Pathway from Sunset Ridge with 300-350' Span Bridge over the Huron River & Wetlands (**\$4,378,000**)\*
- Pathway with 315' Span Bridge over US-23 with Center Pier (**\$2,067,000**)\*
- Future Connection to Lakelands Trail (**\$1,001,880**)
- Existing Lakelands Trail

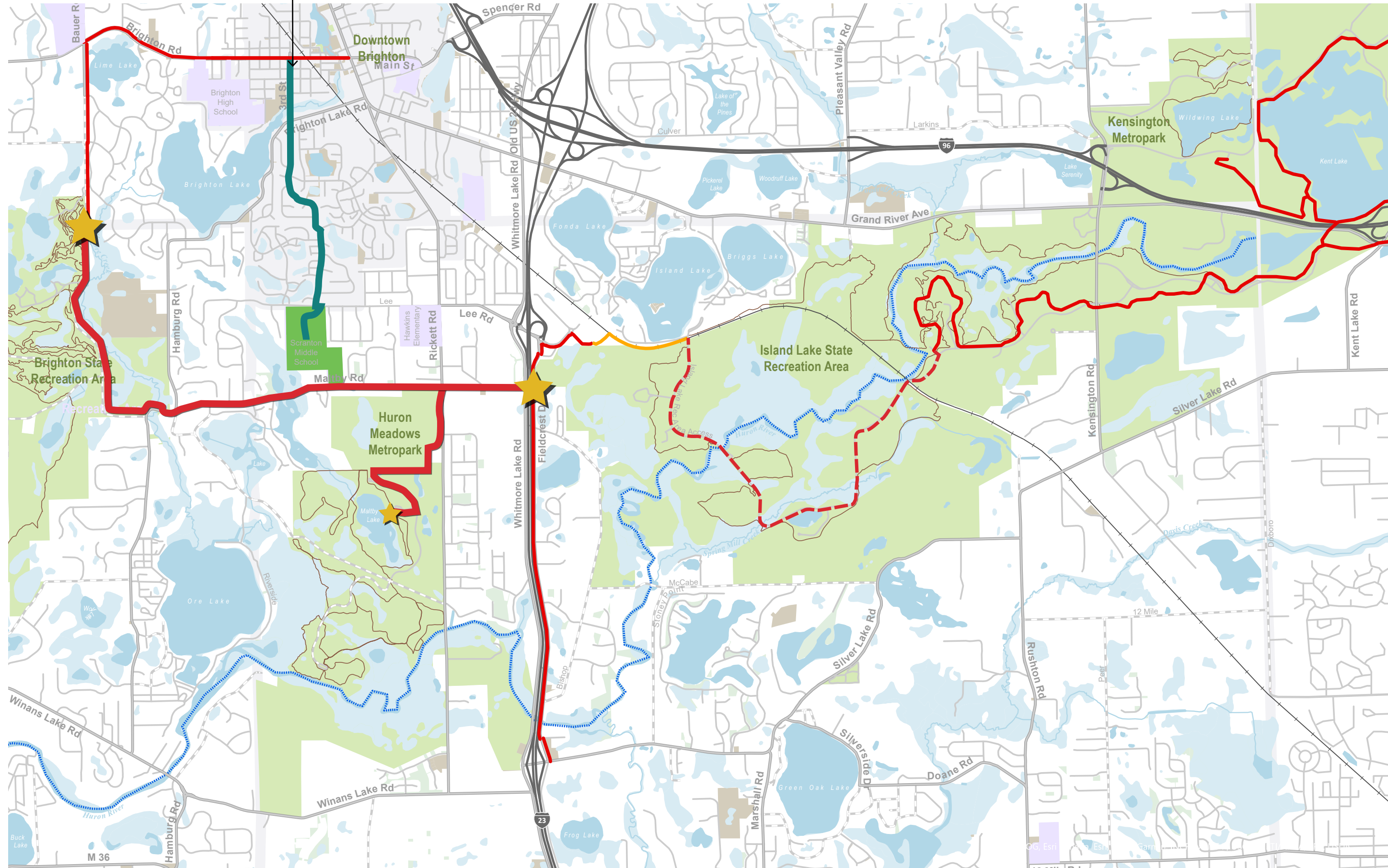
**SUMMARY**

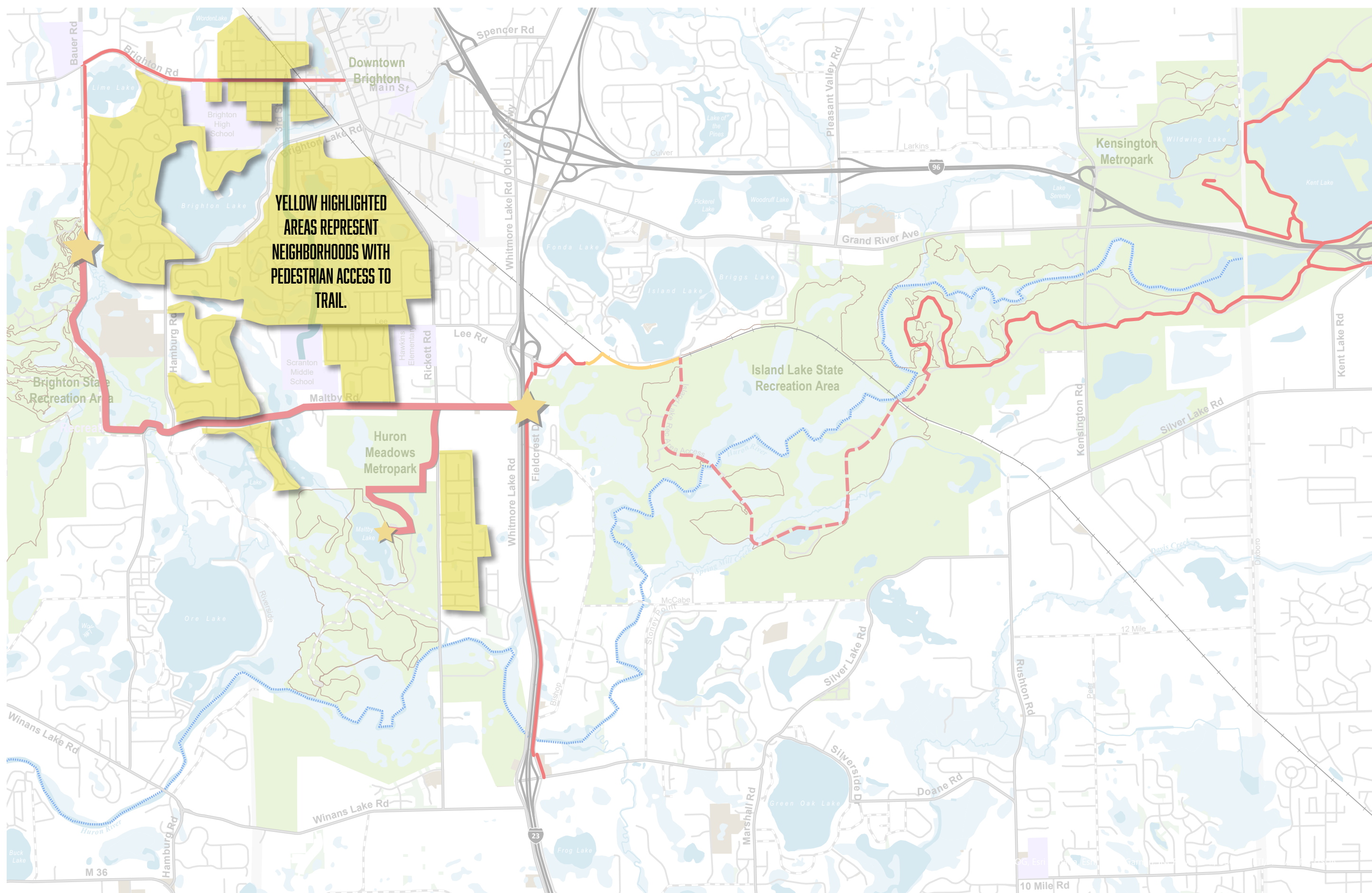
The connection to Lakelands Trail via the US-23 Bridge Route to Fieldcrest to Whitmore Lake Road route is **less than half the cost** of the route through Huron Meadows Metropark.

\*Estimated costs were derived by using average cost per lineal foot for similar pathway projects in southeast Michigan. Cost opinions factor in a bridge cost over Huron River and US-23. Bridge cost could vary from \$1.5 million-\$3 million.



ACCESS ROUTE TO DOWNTOWN BRIGHTON









The trail connection to the Brighton Recreation Area Bishop Lake Complex is about 1.4 miles and a rough cost of \$750,000 based on average cost per mile for trails.

**PHASE V**  
FUTURE CONNECTION TO BISHOP LAKE COMPLEX  
←

**PHASE IV**  
BRIGHTON RECREATION AREA TO MALTBY RD & WELLE RD

**PHASE III**  
MALTBY RD & WELLE RD TO HURON MEADOWS METROPARK

**PHASE I**  
HURON MEADOWS METROPARK

**PHASE II**  
MALTBY RD & RICKETT RD TO US-23 BRIDGE

**COST OPINION**

PROJECT NAME: PHASE I: HURON MEADOWS METROPARK JOB NO. 21-0392

**DEMOLITION**

| PLAN QUANTITY    | UNIT | DESCRIPTION    | UNIT PRICE | ITEM PRICE  |
|------------------|------|----------------|------------|-------------|
| 4                | AC.  | CLEAR AND GRUB | \$6,000.00 | \$24,000.00 |
| TOTAL DEMOLITION |      |                |            | \$24,000.00 |

**EARTHWORK & EROSION CONTROL**

| PLAN QUANTITY                   | UNIT | DESCRIPTION                        | UNIT PRICE | ITEM PRICE   |
|---------------------------------|------|------------------------------------|------------|--------------|
| 8,218                           | LF   | PATH GRADING                       | \$10.50    | \$86,289.00  |
| 6,000                           | C.Y. | CUT AND FILL (ONSITE USEAGE)       | \$4.00     | \$24,000.00  |
| 17,992                          | S.Y. | FINE GRADE AND COMPACT             | \$2.00     | \$35,984.00  |
| 16,436                          | L.F. | SILT FENCE                         | \$2.50     | \$41,090.00  |
| 8,907                           | S.Y. | TEMPORARY EROSION CONTROL BLANKETS | \$2.00     | \$17,814.00  |
| TOTAL GRADING & EROSION CONTROL |      |                                    |            | \$205,177.00 |

**PAVING**

| PLAN QUANTITY | UNIT | DESCRIPTION          | UNIT PRICE | ITEM PRICE   |
|---------------|------|----------------------|------------|--------------|
| 81,766        | S.F. | 3" ASPHALT PAVEMENT  | \$3.00     | \$245,298.00 |
| 81,766        | S.F. | 6" 21AA AGGREGATE    | \$2.00     | \$163,532.00 |
| 700           | S.F. | STRIPE CROSSHATCHING | \$2.00     | \$1,400.00   |
| 8             | EA.  | SIGNAGE              | \$500.00   | \$4,000.00   |
| 10            | L.F. | DETECTABLE WARNING   | \$40.00    | \$400.00     |
| TOTAL PAVING  |      |                      |            | \$414,630.00 |

**LANDSCAPING**

| PLAN QUANTITY     | UNIT | DESCRIPTION                                    | UNIT PRICE | ITEM PRICE  |
|-------------------|------|--|------------|-------------|
| 980               | C.Y. | IMPORT/SPREAD TOPSOIL (4" DEPTH IN SEED AREAS) | \$30.00    | \$29,400.00 |
| 8,907             | S.Y. | SEED LAWN                                      | \$2.50     | \$22,267.50 |
| TOTAL LANDSCAPING |      |  |            | \$51,667.50 |

**STRUCTURES**

| PLAN QUANTITY       | UNIT | DESCRIPTION      | UNIT PRICE | ITEM PRICE  |
|---------------------|------|------------------|------------|-------------|
| 1,655               | L.F. | SPLIT RAIL FENCE | \$18.00    | \$29,790.00 |
| TOTAL MISCELLANEOUS |      |                  |            | \$29,790.00 |

**SUBTOTAL** \$725,264.50  
**MOBILIZATION (15%)** \$108,789.68  
**Contingency (15%)** \$125,108.13  
**TOTAL COST OF CONSTRUCTION** **\$959,162.30**

**PROFESSIONAL SERVICES**

| PLAN QUANTITY               | UNIT | DESCRIPTION                     | UNIT PRICE   | ITEM PRICE   |
|-----------------------------|------|---------------------------------|--------------|--------------|
| 60                          | DAY  | CONSTRUCTION OBSERVATION        | \$800.00     | \$48,000.00  |
| 1                           | L.S. | WETLAND FLAGGING ALLOWANCE      | \$3,000.00   | \$3,000.00   |
| 1                           | L.S. | REVIEW AND PERMIT FEE ALLOWANCE | \$5,000.00   | \$5,000.00   |
| 1                           | L.S. | ENGINEERING ALLOWANCE           | \$124,345.00 | \$124,345.00 |
| 1                           | L.S. | SURVEYING ALLOWANCE             | \$10,000.00  | \$10,000.00  |
| 1                           | L.S. | STAKING ALLOWANCE               | \$5,000.00   | \$5,000.00   |
| TOTAL PROFESSIONAL SERVICES |      |                                 |              | \$195,345.00 |

**TOTAL PROJECT COST** **\$1,154,507.30**

**COST OPINION**

PROJECT NAME: PHASE II: MALTBY RD FROM RICKETT OVER US-23 JOB NO. 21-0392

**DEMOLITION**

| PLAN QUANTITY    | UNIT | DESCRIPTION    | UNIT PRICE | ITEM PRICE  |
|------------------|------|----------------|------------|-------------|
| 5                | AC.  | CLEAR AND GRUB | \$6,000.00 | \$30,000.00 |
| TOTAL DEMOLITION |      |                |            | \$30,000.00 |

**EARTHWORK & EROSION CONTROL**

| PLAN QUANTITY                   | UNIT | DESCRIPTION                        | UNIT PRICE | ITEM PRICE  |
|---------------------------------|------|------------------------------------|------------|-------------|
| 2,020                           | L.F. | PATH GRADING                       | \$10.50    | \$21,210.00 |
| 809                             | C.Y. | CUT AND FILL (ONSITE USEAGE)       | \$4.00     | \$3,236.00  |
| 3,283                           | S.Y. | FINE GRADE AND COMPACT             | \$2.00     | \$6,566.00  |
| 4,040                           | L.F. | SILT FENCE                         | \$2.50     | \$10,100.00 |
| 1,418                           | S.Y. | TEMPORARY EROSION CONTROL BLANKETS | \$2.00     | \$2,836.00  |
| TOTAL GRADING & EROSION CONTROL |      |                                    |            | \$43,948.00 |

**PAVING**

| PLAN QUANTITY | UNIT | DESCRIPTION                            | UNIT PRICE | ITEM PRICE  |
|---------------|------|--|------------|-------------|
| 215           | L.F. | INTEGRAL SIDEWALK CURB                 | \$6.50     | \$1,397.50  |
| 3,358         | S.F. | 4" CONCRETE SIDEWALK WITH 4" SAND BASE | \$6.65     | \$22,330.70 |
| 215           | S.F. | 8" CONCRETE WITH 6" SAND BASE          | \$7.00     | \$1,505.00  |
| 13,294        | S.F. | 3" ASPHALT PAVEMENT                    | \$3.00     | \$39,882.00 |
| 13,294        | S.F. | 6" 21AA AGGREGATE                      | \$2.00     | \$26,588.00 |
| 200           | S.F. | STRIPE CROSSHATCHING                   | \$2.00     | \$400.00    |
| 4             | EA.  | SIGNAGE                                | \$500.00   | \$2,000.00  |
| 25            | L.F. | DETECTABLE WARNING                     | \$40.00    | \$1,000.00  |
| TOTAL PAVING  |      |  |            | \$95,103.20 |

**LANDSCAPING**

| PLAN QUANTITY     | UNIT | DESCRIPTION                                    | UNIT PRICE | ITEM PRICE |
|-------------------|------|--|------------|------------|
| 156               | C.Y. | IMPORT/SPREAD TOPSOIL (4" DEPTH IN SEED AREAS) | \$30.00    | \$4,680.00 |
| 1,418             | S.Y. | SEED LAWN                                      | \$2.50     | \$3,545.00 |
| TOTAL LANDSCAPING |      |  |            | \$8,225.00 |

**BRIDGE**

| PLAN QUANTITY       | UNIT | DESCRIPTION                  | UNIT PRICE     | ITEM PRICE     |
|---------------------|------|------------------------------|----------------|----------------|
| 1                   | EA.  | PEDESTRIAN BRIDGE OVER US-23 | \$3,500,000.00 | \$3,500,000.00 |
| TOTAL MISCELLANEOUS |      |                              |                | \$3,500,000.00 |

**SUBTOTAL** \$3,677,276.20  
**MOBILIZATION (15%)** \$551,591.43  
**Contingency (15%)** \$634,330.14  
**TOTAL COST OF CONSTRUCTION** **\$4,863,197.77**

**PROFESSIONAL SERVICES**

| PLAN QUANTITY               | UNIT | DESCRIPTION                     | UNIT PRICE   | ITEM PRICE   |
|-----------------------------|------|---------------------------------|--------------|--------------|
| 100                         | DAY  | CONSTRUCTION OBSERVATION        | \$800.00     | \$80,000.00  |
| 1                           | L.S. | REVIEW AND PERMIT FEE ALLOWANCE | \$5,000.00   | \$5,000.00   |
| 1                           | L.S. | ENGINEERING ALLOWANCE           | \$365,000.00 | \$365,000.00 |
| 1                           | L.S. | SURVEYING ALLOWANCE             | \$10,000.00  | \$10,000.00  |
| 1                           | L.S. | STAKING ALLOWANCE               | \$8,000.00   | \$8,000.00   |
| TOTAL PROFESSIONAL SERVICES |      |                                 |              | \$468,000.00 |

**TOTAL PROJECT COST** **\$5,331,197.77**



**COST OPINION**

PROJECT NAME: PHASE III: MALTBY RD, WELLE RD TO HURON MEADOWS JOB NO. 21-0392

**DEMOLITION**

| PLAN QUANTITY    | UNIT | DESCRIPTION    | UNIT PRICE | ITEM PRICE  |
|------------------|------|----------------|------------|-------------|
| 3                | AC.  | CLEAR AND GRUB | \$6,000.00 | \$18,000.00 |
| TOTAL DEMOLITION |      |                |            | \$18,000.00 |

**EARTHWORK & EROSION CONTROL**

| PLAN QUANTITY                   | UNIT | DESCRIPTION                        | UNIT PRICE | ITEM PRICE   |
|---------------------------------|------|------------------------------------|------------|--------------|
| 7,000                           | L.F. | PATH GRADING                       | \$10.50    | \$73,500.00  |
| 2,080                           | C.Y. | CUT AND FILL (ONSITE USEAGE)       | \$4.00     | \$8,320.00   |
| 12,478                          | S.Y. | FINE GRADE AND COMPACT             | \$2.00     | \$24,956.00  |
| 14,000                          | L.F. | SILT FENCE                         | \$2.50     | \$35,000.00  |
| 6,828                           | S.Y. | TEMPORARY EROSION CONTROL BLANKETS | \$2.00     | \$13,656.00  |
| TOTAL GRADING & EROSION CONTROL |      |                                    |            | \$155,432.00 |

**STORM SEWER**

| PLAN QUANTITY     | UNIT | DESCRIPTION                   | UNIT PRICE | ITEM PRICE |
|-------------------|------|-------------------------------|------------|------------|
| 20                | L.F. | 12" STORM SEWER, RCP CLASS IV | \$55.00    | \$1,100.00 |
| 1                 | EA.  | 2' DIA. INLET                 | \$2,000.00 | \$2,000.00 |
| 1                 | EA.  | 4' DIA. CATCH BASIN           | \$3,000.00 | \$3,000.00 |
| TOTAL STORM SEWER |      |                               |            | \$6,100.00 |

**PAVING**

| PLAN QUANTITY | UNIT | DESCRIPTION                            | UNIT PRICE | ITEM PRICE   |
|---------------|------|--|------------|--------------|
| 1,600         | L.F. | INTEGRAL SIDEWALK CURB                 | \$6.50     | \$10,400.00  |
| 15,266        | S.F. | 4" CONCRETE SIDEWALK WITH 4" SAND BASE | \$6.65     | \$101,518.90 |
| 39,126        | S.F. | 3" ASPHALT PAVEMENT                    | \$3.00     | \$117,378.00 |
| 39,126        | S.F. | 6" 21AA AGGREGATE                      | \$2.00     | \$78,252.00  |
| ---           | S.F. | STRIP CROSSHATCHING                    | \$2.00     | \$1,800.00   |

**LANDSCAPING**

| PLAN QUANTITY     | UNIT | DESCRIPTION                                    | UNIT PRICE | ITEM PRICE  |
|-------------------|------|--|------------|-------------|
| 751               | C.Y. | IMPORT/SPREAD TOPSOIL (4" DEPTH IN SEED AREAS) | \$30.00    | \$22,530.00 |
| 6,828             | S.Y. | SEED LAWN                                      | \$2.50     | \$17,070.00 |
| TOTAL LANDSCAPING |      |  |            | \$39,600.00 |

**STRUCTURES**

| PLAN QUANTITY       | UNIT | DESCRIPTION                  | UNIT PRICE | ITEM PRICE   |
|---------------------|------|------------------------------|------------|--------------|
| 2,760               | S.F. | MASONRY BLOCK RETAINING WALL | \$60.00    | \$165,600.00 |
| 3,240               | S.F. | BOULDER RETAINING WALL       | \$32.00    | \$103,680.00 |
| 800                 | L.F. | SAFETY FENCE                 | \$30.00    | \$24,000.00  |
| 70                  | L.F. | TYPE A GUARDRAIL             | \$30.00    | \$2,100.00   |
| TOTAL MISCELLANEOUS |      |                              |            | \$295,380.00 |

**SUBTOTAL** \$827,460.90  
**Mobilization (15%)** \$124,119.14  
**Contingency (15%)** \$142,737.01  
**TOTAL COST OF CONSTRUCTION** **\$1,094,317.04**

**PROFESSIONAL SERVICES**

| PLAN QUANTITY               | UNIT | DESCRIPTION                     | UNIT PRICE   | ITEM PRICE   |
|-----------------------------|------|---------------------------------|--------------|--------------|
| 80                          | DAY  | CONSTRUCTION OBSERVATION        | \$800.00     | \$64,000.00  |
| 1                           | L.S. | WETLAND FLAGGING ALLOWANCE      | \$3,000.00   | \$3,000.00   |
| 1                           | L.S. | REVIEW AND PERMIT FEE ALLOWANCE | \$5,000.00   | \$5,000.00   |
| 1                           | L.S. | ENGINEERING ALLOWANCE           | \$140,000.00 | \$140,000.00 |
| 1                           | L.S. | SURVEYING ALLOWANCE             | \$10,000.00  | \$10,000.00  |
| 1                           | L.S. | STAKING ALLOWANCE               | \$5,000.00   | \$5,000.00   |
| TOTAL PROFESSIONAL SERVICES |      |                                 |              | \$227,000.00 |

**TOTAL PROJECT COST** **\$1,321,317.04**

**COST OPINION**

PROJECT NAME: PHASE IV: BRIGHTON REC TO MALTBY & WELLE JOB NO. 21-0392

**DEMOLITION**

| PLAN QUANTITY    | UNIT | DESCRIPTION    | UNIT PRICE | ITEM PRICE  |
|------------------|------|----------------|------------|-------------|
| 4                | AC.  | CLEAR AND GRUB | \$6,000.00 | \$24,000.00 |
| TOTAL DEMOLITION |      |                |            | \$24,000.00 |

**EARTHWORK & EROSION CONTROL**

| PLAN QUANTITY                   | UNIT | DESCRIPTION                        | UNIT PRICE | ITEM PRICE   |
|---------------------------------|------|------------------------------------|------------|--------------|
| 9,063                           | L.F. | PATH GRADING                       | \$10.50    | \$95,161.50  |
| 160                             | C.Y. | EXCAVATE AND HAUL AWAY GRAVEL ROAD | \$17.00    | \$2,720.00   |
| 9,063                           | L.F. | SILT FENCE                         | \$2.50     | \$22,657.50  |
| 8,832                           | S.Y. | TEMPORARY EROSION CONTROL BLANKETS | \$2.00     | \$17,664.00  |
| 540                             | S.Y. | RIPRAP, PLAIN                      | \$85.00    | \$45,900.00  |
| TOTAL GRADING & EROSION CONTROL |      |                                    |            | \$184,103.00 |

**STORM SEWER**

| PLAN QUANTITY     | UNIT | DESCRIPTION              | UNIT PRICE | ITEM PRICE   |
|-------------------|------|--------------------------|------------|--------------|
| 1,587             | L.F. | 12" CULVERT (16 GA. CMP) | \$45.00    | \$71,415.00  |
| 20                | L.F. | 18" CULVERT (16 GA. CMP) | \$55.00    | \$1,100.00   |
| 2                 | EA.  | 12" CONCRETE END SECTION | \$4,000.00 | \$8,000.00   |
| 14                | EA.  | 18" CONCRETE END SECTION | \$4,800.00 | \$67,200.00  |
| TOTAL STORM SEWER |      |                          |            | \$147,715.00 |

**PAVING**

| PLAN QUANTITY | UNIT | DESCRIPTION                          | UNIT PRICE | ITEM PRICE   |
|---------------|------|--------------------------------------|------------|--------------|
| 1,070         | S.F. | 2" ASPHALT PAVEMENT ROAD APPROACH    | \$250.00   | \$267,500.00 |
| 90,486        | S.F. | 3" ASPHALT PAVEMENT                  | \$3.00     | \$271,458.00 |
| 90,486        | S.F. | 6" 21AA AGGREGATE                    | \$2.00     | \$180,972.00 |
| 119           | S.Y. | COLD MILLING BITUMINOUS SURFACE (2") | \$2.00     | \$238.00     |
| 30            | L.F. | DETECTABLE WARNING                   | \$40.00    | \$1,200.00   |
| TOTAL PAVING  |      |                                      |            | \$721,368.00 |

**LANDSCAPING**

| PLAN QUANTITY     | UNIT | DESCRIPTION                                    | UNIT PRICE | ITEM PRICE  |
|-------------------|------|--|------------|-------------|
| 1,631             | C.Y. | IMPORT/SPREAD TOPSOIL (4" DEPTH IN SEED AREAS) | \$30.00    | \$48,930.00 |
| 14,831            | S.Y. | SPECIALTY SEED MIXES                           | \$3.00     | \$44,493.00 |
| 446               | S.Y. | SEED LAWN                                      | \$2.50     | \$1,115.00  |
| TOTAL LANDSCAPING |      |  |            | \$94,538.00 |

**BRIDGES & STRUCTURES**

| PLAN QUANTITY       | UNIT | DESCRIPTION                  | UNIT PRICE   | ITEM PRICE     |
|---------------------|------|------------------------------|--------------|----------------|
| 3,220               | S.F. | BOULDER RETAINING WALL       | \$32.00      | \$103,040.00   |
| 2                   | EA.  | SPAN BRIDGE                  | \$400,000.00 | \$800,000.00   |
| 1,120               | SF   | BOARDWALK WITH HELICAL PILES | \$100.00     | \$112,000.00   |
| 680                 | L.F. | SPLIT RAIL FENCE             | \$18.00      | \$12,240.00    |
| 445                 | L.F. | TYPE A GUARDRAIL             | \$30.00      | \$13,350.00    |
| 580                 | L.F. | SAFETY FENCE                 | \$30.00      | \$17,400.00    |
| TOTAL MISCELLANEOUS |      |                              |              | \$1,058,030.00 |

**SUBTOTAL** \$2,229,754.00  
**Mobilization (15%)** \$334,463.10  
**Contingency (15%)** \$384,632.57  
**TOTAL COST OF CONSTRUCTION** **\$2,948,849.67**

**PROFESSIONAL SERVICES**

| PLAN QUANTITY               | UNIT | DESCRIPTION                     | UNIT PRICE   | ITEM PRICE   |
|-----------------------------|------|---------------------------------|--------------|--------------|
| 100                         | DAY  | CONSTRUCTION OBSERVATION        | \$800.00     | \$80,000.00  |
| 1                           | L.S. | WETLAND FLAGGING ALLOWANCE      | \$5,000.00   | \$5,000.00   |
| 1                           | L.S. | REVIEW AND PERMIT FEE ALLOWANCE | \$5,000.00   | \$5,000.00   |
| 1                           | L.S. | ENGINEERING ALLOWANCE           | \$225,000.00 | \$225,000.00 |
| 1                           | L.S. | SURVEYING ALLOWANCE             | \$15,000.00  | \$15,000.00  |
| 1                           | L.S. | STAKING ALLOWANCE               | \$7,500.00   | \$7,500.00   |
| TOTAL PROFESSIONAL SERVICES |      |                                 |              | \$337,500.00 |

**TOTAL PROJECT COST** **\$3,286,349.67**



To: Board of Commissioners  
From: Jay Bibby, Interim Chief of Planning and Development  
Project Title: Approval – Lower Huron Metropark Master Plan Update  
Date: June 9, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve the 2022 update to the Lower Huron Master Plan as recommended by Interim Chief of Planning and Development Jay Bibby and staff.

**Fiscal Impact:** Projects identified in each park master plan will affect the Metroparks budget over the planning horizon, but there is no immediate fiscal impact with this update.

**Background:** The original Lower Huron Master Plan was developed over the course of six months in the fall of 2016. It was approved by the Board at the December 2016 Board of Commissioners meeting to guide the long range (10-year timeline) planning of developments for the park.

During the initial planning process, the intention to maintain these master plans as living documents was communicated. This five-year update, therefore, focuses on the following:

1. Major changes to facilities, infrastructure, and programming
2. Updated needs and opportunities
3. Status of original action items
4. Any new actions identified to help meet goals and policies

Staff have also updated the following sections:

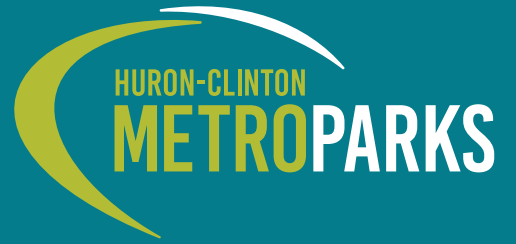
- Revenue
- Visitation
- Demographic/socioeconomic population data
- Community and supporting plan documents

Planning and Development staff invited representatives from each administrative department and Lower Huron park operations to form a steering committee to guide the update process. The public was invited to participate in a brief online survey, and county level responses to the facility and needs assessment regional survey performed as part of the Community Recreation Plan in the spring of 2022.

Staff anticipates completing an entirely new master plan for Lower Huron at its 10-year mark, in 2026.

**Attachment: Updated Lower Huron Master Plan**

# LOWER HURON METROPARK MASTER PLAN



5 Year Update to 2016 - 2026

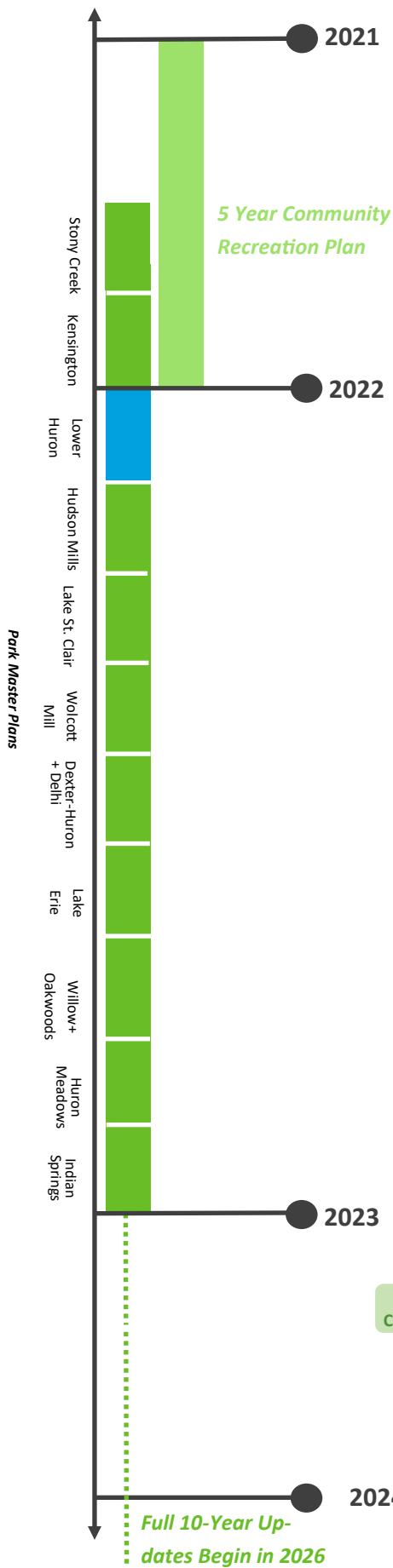
**DRAFT**





# Introduction

## Planning Process



The five-year update is an opportunity for each of the 13 Metroparks to review their master plan and make sure it is still relevant. This review includes 1) major changes to facilities, infrastructure and programming in the park; 2) updated needs and opportunities; 3) completed action items; and 4) any new actions necessary to implement the goals and policies for the park. One of the most important components is the public input collected through meetings, questionnaires, and online comments, all of which influence plan recommendations. A master plan steering committee was formed to include park employees with exceptional knowledge of Lower Huron and surrounding community who, along with the experienced Metroparks administrative department heads provided their professional opinions.

The Planning and Development Department also included updates to the demographic and spatial data to inform recommendations. Demographic data looks at the density, age, income, language, and other factors of the regional population. Spatial data, usually analyzed through Geographic Information System (GIS) software, looks at the physical location of the parks in relation to other recreation opportunities, transportation facilities, population centers, important natural resources, and more. Finally, the planning staff conducted a review of park conditions to identify areas needing improvement and areas experiencing success.

The master plans are intended to be living documents, modified as needed to reflect changing conditions in the parks with this review every five years. However, they focus on park developments over ten years, and will be updated through a more comprehensive planning process at the end of the planning horizon.



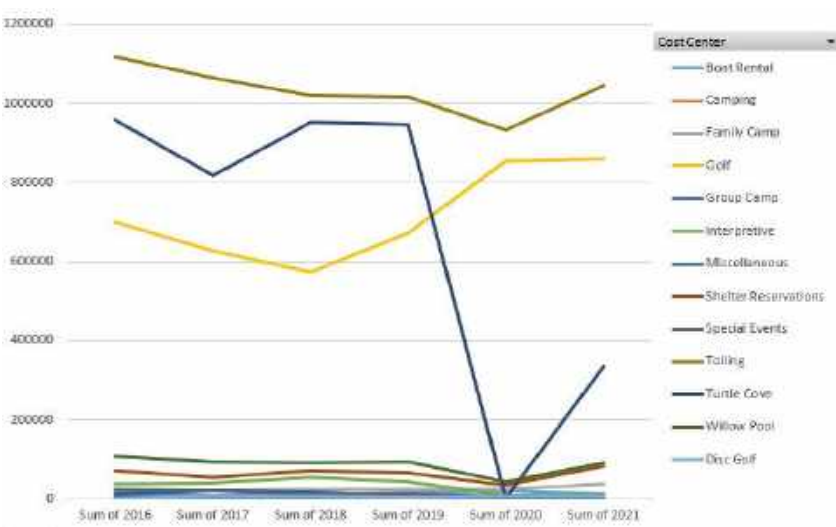
The Steering Committee met on 04/31/2022

# Revenue Sources

## 2021 Operations Revenue

| Revenue Source       | 2021 Total*         | % of 2021 Revenue |
|----------------------|---------------------|-------------------|
| Turtle Cove          | 333,740.53          | 13.4%             |
| Tolling              | 1,046,057.00        | 42.1%             |
| Shelter Reservations | 82,565.76           | 3.3%              |
| Camping              | 40,432.80           | 1.6%              |
| Special Events       | 6,444.00            | 0.3%              |
| Miscellaneous        | 1,590.90            | 0.1%              |
| Golf                 | 858,660.57          | 34.5%             |
| Disc Golf            | 6,395.00            | 0.3%              |
| Interpretive         | 9,563.85            | 0.4%              |
| Willow Pool          | 89,125.41           | 3.6%              |
| Boat Rental– Washago | 10,952.58           | 0.4%              |
|                      | <b>2,485,528.40</b> | <b>100%</b>       |

REVENUE TRENDS 2016-2021— Lower Huron, Willow, and Oakwoods



\*2020 Operations Revenue was irregular due to the COVID pandemic.

## NEEDS

Diversify sources of revenue

Offer new and exciting activities/ programs to visitors to both boost tolling and gather user fees

## OPPORTUNITIES

The Metroparks 2021 General Fund revenue equaled \$59,729,968. Lower Huron’s 2021 operations revenue was approximately \$2,485,528, comprising 4.2% of all Metroparks revenue.

The budgeted 2022 operations revenues for Lower Huron, Willow, and Oakwoods is \$3,083,260, while estimated 2022 operations expenses are \$6,791,291. These parks are combined in the budgeting process since they are administered together. Property tax and other revenue will subsidize 54.6% (\$3,708,031) of the three parks’ operating budget.

As the chart illustrates, nearly all of Lower Huron’s operations revenue comes from the Turtle Cove Family Aquatic Center and from park entrance tolling.



# Revenue

## Visitors

Lower Huron Metropark is a regional park and can draw from the 3,484,040 people that live within a 30 mile radius (approximately a 45-minute drive) of the park. Certain events and activities may draw visitors from greater distances.

Vehicle entries to Lower Huron Metropark have averaged around 300,000 since 2008. Record entries of over 400,000 were recorded in 2020. Weather often plays a role in attendance to the park; activity areas greatly affected by weather are the trails, fishing piers, Turtle Cove, and the golf course.

In 2019, the Metroparks season pass included a barcode that park staff could scan when visitors enter Hudson Mills Metropark. The barcode was added so Metroparks staff could track which ZIP codes users are coming from to create better experiences, amenities and programming within the park system. Knowing where people are coming from also assists in identifying gaps in visitor characteristics so that the Metroparks can do a better job in sharing information about areas that may be underrepresented in terms of attendance.



Popular Turtle Cove and Hike-Bike path

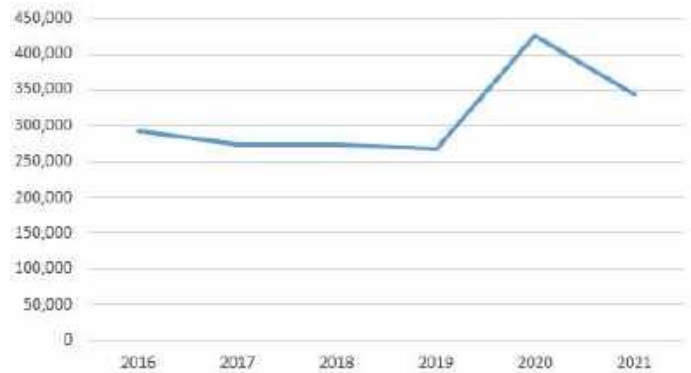
### NEEDS

Increase vehicle entry numbers

Draw visitors to the park with additional marketing and attractions

### OPPORTUNITIES

VEHICLE ENTRIES 2016-2021



Lower Huron Metropark 30-Mile radius



# Programs & Events



## NEEDS

Increase revenue and visitation

Build on enthusiasm of Kensington visitors with exciting, engaging programs and events

## OPPORTUNITIES

### 2022 Integrated Marketing Plan

Educational and public programs looked much different than “average” in 2020. Staff adjusted to ever-changing situations of the pandemic to continue serving visitors on multiple platforms using virtual and hybrid programs, as well as small-group, in person, outdoor programs. These new practices will carry over into 2022 and staff will continue working collaboratively to provide exciting new experiences for the Lower Huron communities in ways that are safe and engaging.

### 2020-2022 Recreation Programming Plan

In 2022, the Metroparks amended the 2020-2022 Community Recreation Plan to include a Recreation Programming Plan.

An important element of programming is accessibility and ensuring all programs, events, and services are compliant with the American Disability Act (ADA) requirements.

To achieve this, the Metroparks has begun self-evaluation of all programming and services offered by each department. Each program was categorized into groups of similar activities (e.g. programs, events, activities) and will then be analyzed each activity in terms of vision, hearing, and mobility barriers that may exist.



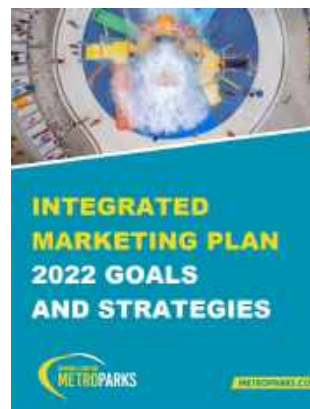
Volunteer work day



Cruizin' the Park



Radio Disney D-Tour



# COMMUNITY INFLUENCES

## Population

The population of Lower Huron communities is growing, aging, and facing new challenges. The percentage of households without access to an automobile has stayed consistent throughout the region during 2014-2019.

The Metroparks were created during the auto boom when it was assumed that every family would have a car to take out to the countryside on the weekends. Since habits and lifestyles are changing, the Metroparks must look into innovative ways to provide access to the parks for all.

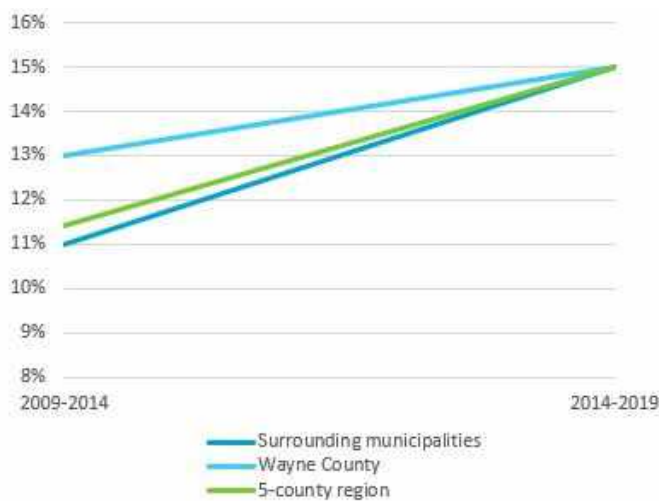
The percentage of individuals over 65 years of age is rising quickly in the region, Wayne County and communities surrounding the park. Older adults have distinct needs, often requiring accommodations for mobility and accessibility of park features such as trails and buildings. This is important to keep in mind when planning the future of a park serving an older population.

## NEEDS

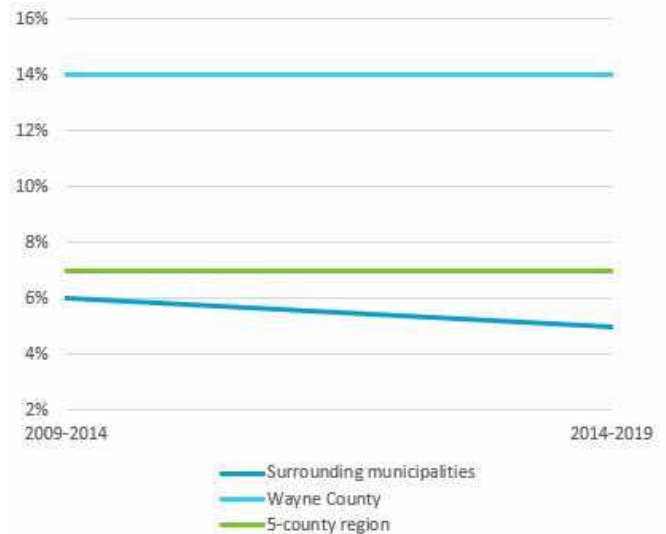
Address changing needs of new population demographics

Draw new users with an accessible, welcoming park environment

## OPPORTUNITIES



CHANGE IN PERCENT OF POPULATION OVER 65 YEARS, FROM 2009-2014 through 2014-2019 (Source: US Census American Community Survey)



CHANGE IN PERCENT OF HOUSEHOLDS WITH NO CARS AVAILABLE, FROM 2009-2014 through 2014-2019 (Source: US Census American Community Survey)





# Community Influences

## NEEDS

Improve park connectivity with community

Create good working relationship with surrounding municipalities

## OPPORTUNITIES

### Van Buren Township (updated 2022-2026

#### Parks and Recreation Master Plan)

- Provide a variety of parks and recreation experiences desired by the community
- Improve and develop greenways, connect with regional and state systems for both recreation and transportation
- Develop recreation services to support community members of all ages

### Sumpter Township (updated Master Plan 2011-2016)

- Maintain protection of natural resources
- Woodland and Open Space ordinances, use of cluster developments
- Interest in development of greenway system

### City of Romulus updated ( updated 2019 Master Plan)

- Connectivity and traffic flow challenges due to Detroit Metropolitan Airport
- Streetscape and non-motorized connection improvement
- Interest in acquiring public land

### Huron Township (updated 2013)

- Metroparks as major attraction to township
- Preserve open space and farmland
- Planned denser development in the villages
- More bicycle and pedestrian connections

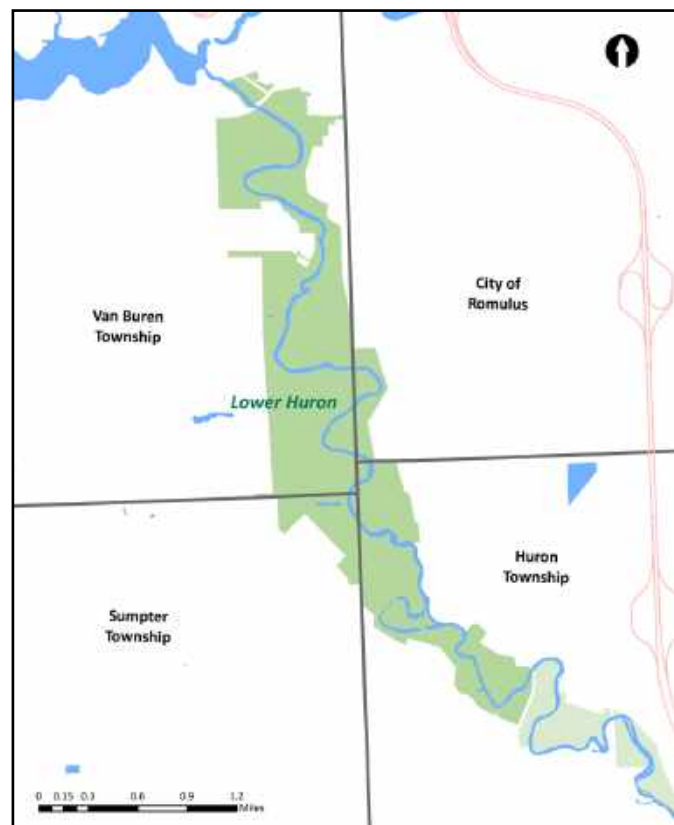
## Projects/Initiatives

### Huron River Watershed Council

- Improve climate resiliency of communities on the watershed
- Green infrastructure for local governments program
- Collaboration in stormwater management efforts
- RiverUp! program supporting placemaking in river towns
- Huron River Water Trail partner facilitation

Understanding the goals and plans of municipalities bordering and/or containing Lower Huron is essential for a collaborative, comprehensive planning process. Planning staff researched the published master plans and recreation plans of each municipality: Van Buren Township, Sumpter Township, Huron Township, and the City of Romulus. These provided a basic idea of the planned direction of each community, especially regarding land use, development, and recreation.

MUNICIPALITY MAP





## Supporting Plans

### Community Recreation Plan

The Lower Huron Master Plan is aligned with the Metroparks Community Recreation Plan 2018-2022 that creates an inventory of existing facilities and resources, identifies community and recreation and open space needs and sets a plan of action for a 5-year period. To be eligible to apply for Land and Water Conservation Fund, Michigan Natural Resources Trust Fund, and Waterways grants, a community must have an approved 5-Year Plan on file with the Michigan Department of Natural Resources (DNR) by February 1 of the year they intend to apply.

### Marketing Plan

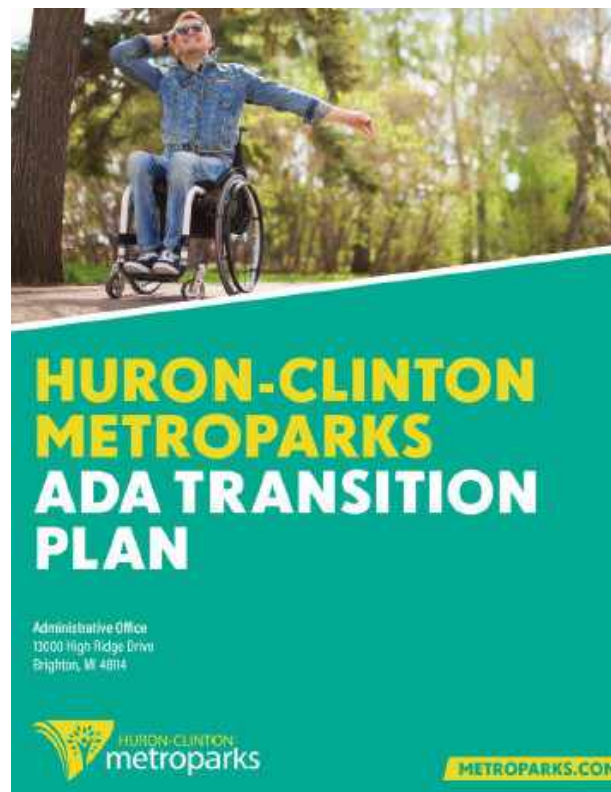
Realizing the importance of marketing and communication, the Kensington Master Plan will coincide with updates to the Marketing Plan 2022 Goals and Strategies, developed annually by the Marketing and Communications Department. Both are living documents that will closely follow both present and future marketing trends and work in collaboration amongst various departments.

### ADA Transition Plan

The Metroparks Board of Commissioners approved an updated Americans with Disabilities Act (ADA) Transition Plan in November 2019. Moving forward, top priority projects will be added into annual capital and major maintenance improvement projects and identified in the Five-Year Community Recreation Plan and 10-year master plan (five-year amended) developments.

### Stormwater Management Plan

The Stormwater Management Plan (SWMP), approved by the Board of Commissioners in 2019, provides a comprehensive review and analysis of the existing stormwater conveyance system for improvement and maintenance projects that prioritize reduction of impacts on water quality. It includes concepts and preliminary details for the design, construction, and operation and maintenance of the stormwater system for each Metropark (separated into individual chapters). Vetted by a committee of administrative departments and Lower Huron operations and maintenance staff, recommendations include green infrastructure development, shoreline and streambank restoration, and culvert and outfall cleanouts and replacements. Cost estimates were developed for each project, and calculation tables were included to help with budgeting (adjusting for inflation) in the future.



# Community Influences

## Relevant Planning Documents

### Huron Charter Twp Parks and Recreation Master Plan, 2019-2023

*“Huron-Clinton Metropolitan Authority incorporates large areas and provide recreation opportunities such as swimming, boating, hiking, hunting, camping, and golfing, which are typically beyond the ability of a local municipality to provide.”*

### Van Buren Charter Twp Master Plan, 2020

*“Provide for the protection and maintenance of the Township’s environmental resources for the purpose of natural beauty, Township character, and ecological preservation.”*

*“Involve stakeholders, including environmental groups from the state, Township, and adjacent communities, in environmental protection implementation working sessions, focused primarily on the Iron Belle Trail System and Belleville Lake.”*

### Sumpter Twp Master Plan, 2011-2016

*“The establishment of greenways and non-motorized pathways to connect the parks and form a continuous park system tying community facilities, schools, neighborhoods, and parks is a priority for the community. This Township-wide system should also be tied to the regional greenway system planned for the area.”*

### City of Romulus Parks and Recreation Master Plan, 2021-2025

*“A paved hike-bike trail connecting the Lower Huron, Willow and Oakwoods Metroparks, a 30 mile round trip experience, connects and runs through the City of Romulus along the I-275 Expressway Metro Trail. Future plans for recreation expansion involve a tie-into these trails with local parks.”*

### Lower Huron River Watershed Management Plan, 2012

*“If current development practices are employed to accommodate the projected increase in population and associated infrastructure, then SEMCOG estimates 40% of the remaining open spaces will be developed within the watershed by 2020. Much of this projected conversion of undeveloped land will occur in the lower Huron River Watershed” p.4*

### SEMCOG Green Infrastructure Vision for SE Michigan, 2014

*“Public accessibility to the green infrastructure network is paramount, including access to parks, trails, water, and ensuring public spaces are designed for all residents.” pg. 1*

Since the development and land use decisions of bordering communities and other governmental agencies directly impact the park, these neighbor master plans were reviewed and taken into account when creating this document. The opinions and ideas expressed by residents and leaders in these municipalities give Lower Huron a wider context and in many cases underscore the importance of the park’s resources to citizens.

The southern portion of Wayne County contains few other large parks beyond the four Metroparks. Therefore, Lower Huron, Willow, and Oakwoods may provide a disproportionate amount of local recreation opportunities.

Lower Huron is part of a broader system of recreation and green space that includes other Metroparks as well as local, county, and state parks and greenways. Due to this, recreation and green infrastructure plans were also considered in creating the Lower Huron Master Plan. Many communities are currently advancing their non-motorized networks, seeking grant funding to create greenways and paths, and cooperating to provide linked green and recreation spaces to their constituents. The Iron Belle Trail is a state-designated trail with both a hiking and a biking arm reaching from Belle Isle in Detroit to Ironwood at the very western edge of the Upper Peninsula. The hike-bike trail from Lake Erie to Lower Huron Metropark is part of the 791-mile bicycle route, which is 64% complete according to the Michigan Department of Natural Resources. This kind of multi-jurisdictional partnership enhances the recreational resources of all participants.

### 2022 Community Needs and Assessment

ETC Institute administered a needs assessment survey for Huron-Clinton Metroparks (HCMA) during the Spring of 2022. The survey was administered as part of Metroparks’ efforts to establish and priorities improvements to the parks system, which included 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties. The survey and its results will guide HCMA in taking a resident-driven approach to making decisions that will enrich the future of the community and positively affect the lives of all residents in southeast Michigan.

ETC Institute mailed a survey packet to a random sample of households in Livingston County, Macomb County, Oakland County, Washtenaw County, Wayne County (outside the City of Detroit), and the City of Detroit.

| Location                                  | Completed    | %            |
|---|--------------|--------------|
|   | Surveys      | Precision    |
| <i>Livingston County</i>                  | 479          | ±4.5%        |
| <i>Macomb County</i>                      | 511          | ±4.3%        |
| <i>Oakland County</i>                     | 583          | ±4.1%        |
| <i>Washtenaw County</i>                   | 514          | ±4.3%        |
| <i>Wayne County<br/>(Outside Detroit)</i> | 407          | ±4.9%        |
| <i>City of Detroit</i>                    | 405          | ±4.9%        |
| <b>Total</b>                              | <b>2,899</b> | <b>±1.8%</b> |

The table above shows the number of completed surveys collected in each of the six sampling areas. The table also shows the margin of error at the 95% level of confidence for each area.

The results presented in this report have been weighted to represent each sampling area’s share of the population of the Huron-Clinton Metroparks service area. The weighted results give more weight to the responses from the larger sampling areas, including Macomb County, Oakland County, Wayne County (outside Detroit), and the City of Detroit, and similarly gives less weight to the responses of the smaller sampling areas, including Livingston County and Washtenaw County

### Priorities for Parks & Recreation Facility Investments in the Huron-Clinton Metroparks Service Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each facility/amenity/ activity/program
- how many households have unmet needs for the facility/amenity/activity/program

| Facility   | Priority Investment Rating (PIR) |
|--|----------------------------------|
| <i>Trails-paved, multi-use (walking, biking)</i> | 189.2                            |
| <i>Beaches</i>                                   | 174.7                            |
| <i>Natural areas</i>                             | 145.7                            |
| <i>Trails-unpaved, nature trails</i>             | 139.7                            |
| <i>Trails-unpaved, hiking</i>                    | 137.2                            |
| <i>Nature centers</i>                            | 114.2                            |
| <i>Canoe/kayak launch sites</i>                  | 110.2                            |
| <i>Outdoor swimming pools</i>                    | 107.9                            |

## Results

### Wayne County (Outside of Detroit)

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Wayne County (outside of Detroit) households. The following nine facilities were rated as high priorities for investment:

- Beaches
- Picnic shelters
- Paved multi-use trails for walking and biking
- Playgrounds
- Natural areas
- Picnic tables
- Outdoor swimming pools
- Nature centers

| Facility                                  | PIR   | Priority                    |
|---|-------|-----------------------------|
| Beaches                                   | 195.3 | High Priority (PIR=100-200) |
| Picnic shelters                           | 176.4 |                             |
| Trails-paved, multi-use (walking, biking) | 165.2 |                             |
| Playgrounds                               | 150.8 |                             |
| Natural areas                             | 147.2 |                             |
| Picnic tables                             | 144.1 |                             |
| Outdoor swimming pools                    | 132.0 |                             |
| Nature centers                            | 121.8 |                             |
| Trails-unpaved, nature trails             | 107.4 |                             |
| Fishing banks or docks                    | 94.6  | Medium Priority (PIR=50-99) |
| Trails-unpaved, hiking                    | 90.2  |                             |
| Splash pad (water play area)              | 85.4  |                             |
| Canoe/kayak rentals                       | 79.9  |                             |
| Waterslides                               | 77.3  |                             |
| Canoe/kayak launch sites                  | 76.3  |                             |
| Camping areas-group sites                 | 61.2  |                             |
| Trails-mountain biking                    | 52.8  | Low Priority (PIR=0-49)     |
| Camping areas-primitive sites             | 49.2  |                             |
| Camping areas-RVs                         | 42.6  |                             |
| Golf driving ranges                       | 42.0  |                             |
| Golf courses                              | 36.7  |                             |
| Boat ramps                                | 36.3  |                             |
| Boat docks                                | 33.8  |                             |
| Disc golf                                 | 25.2  |                             |
| Marinas                                   | 22.6  |                             |

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Wayne County (outside of Detroit) households. The following 16 programs were rated as high priorities for investment:

- Concerts
- Art/photography
- Movies in the park
- Swim lessons
- Walking clubs/programs
- Water fitness programs
- Pet-friendly programs
- Environmental education programs
- Camping
- Programs for people with disabilities
- Astronomy programs
- Bird-wildlife watching programs
- Guided nature hikes
- Fishing programs
- Natural/cultural history programs
- Guided canoe/kayak tours

| Program                               | PIR   | Priority                    |
|---------------------------------------|-------|-----------------------------|
| Concerts                              | 194.4 | High Priority (PIR=100-200) |
| Art/photography                       | 175.1 |                             |
| Movies in the park                    | 173.9 |                             |
| Swim lessons                          | 166.8 |                             |
| Walking clubs/programs                | 164.6 |                             |
| Water fitness programs                | 162.6 |                             |
| Pet-friendly programs                 | 150.9 |                             |
| Environmental education programs      | 132.9 |                             |
| Camping                               | 129.0 |                             |
| Programs for people with disabilities | 126.7 |                             |
| Astronomy programs                    | 126.2 |                             |
| Bird/wildlife watching programs       | 125.0 |                             |
| Guided nature hikes                   | 121.7 |                             |
| Fishing programs                      | 114.2 |                             |
| Natural/cultural history programs     | 108.7 |                             |
| Guided canoe/kayak tours              | 105.5 |                             |
| Farm educational programs             | 98.0  | Medium Priority (PIR=50-99) |
| Golf lessons                          | 83.6  |                             |
| Boating classes                       | 80.6  |                             |
| Guided motorized boat tours           | 70.3  |                             |
| Homeschool programs                   | 59.1  |                             |
| Running clubs/programs                | 50.0  |                             |
| Virtual programs                      | 35.3  | Low Priority (PIR=0-49)     |
| Scouting                              | 31.8  |                             |
| Golf tournaments                      | 29.9  |                             |



# Action Plan

## Needs & Opportunities

Based on the assessment of park conditions, demographic research and spatial analysis, public input, and staff input, the needs and opportunities listed throughout this document were developed. [5-year updates are in blue text](#)

### Needs

- Better highlight and advertise unique character of park
- Define and protect biodiversity features
- Address aging and overbuild infrastructure
- Work with county to address boundary [and encroachment issues](#)
- Better revenue and visitation numbers
- Improve park connectivity with community
- Incorporate a variety of user community groups into Master plan
- [Address changing needs of new population demographics](#)



### Opportunities

- Build a strong identity and user base with unique character of park
- Create resilient network of biodiverse areas in park
- Draw new visitors with programming and park history education
- Update infrastructure to better [reflect park usage and sustainability for future use](#)
- [Take advantage of captive audiences, actively take part in programming activities and events](#)
- Provide unique recreational facilities to draw visitors from across the region
- Create good working relationship with neighbors, municipalities and partner organizations
- Use data to invest in activities and facilities, increasing users, and increased outreach

With these in mind, the following list of projects, plans, and studies was developed. Major and minor projects have been identified as priorities and assigned a timeline, and the accompanying studies have been listed. These pages should serve as a blueprint for the future of the park over the next five years.





# Large Facilities

| Description  | Department Lead | Other Departments                 | Other Partners | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status                   |
|--|-----------------|-----------------------------------|----------------|---------------|------------------------|----------------------|-------------------|--------------------------|
| New slide structure at Turtle Cove   | Engineering     | Planning, Operations              | Contractor     | \$1,605,983   | x                      |                      |                   | Budgeted                 |
| North fishing site redevelopment: improve accessibility and site amenities   | Engineering     | Planning, Operations              | Contractor     | \$297,399     |                        |                      |                   | Complete                 |
| Bemis Road Toll Booth Replacement and Paving: Toll Booth replacement on existing pedestal at Oakwoods and Lower Huron - Bemis Road entrance. | Engineering     | Planning, Operations              | Contractor     | \$30,000      | x                      |                      |                   | In Construction          |
| Backup Internet Fiber Installation: Comcast installation of underground fiber network  | Engineering     | Operations, Maintenance           | Contractor     | \$185,362     | x                      |                      |                   | In Construction          |
| Demolition of park office: new park office under construction at Willow.   | Engineering     | Planning, Operations              | Contractor     | TBD           |                        | x                    |                   | Not Started              |
| Walnut Grove Campground Improvements, Phase 2: comfort station and electrical improvements   | Engineering     | Planning, Operations, Maintenance | Contractor     | \$784,600     |                        |                      | x                 | Awaiting Grant Agreement |
| Off Leash Dog Area Development: new fenced in area for off leash dog activities.   | Engineering     | Planning, Operations, Maintenance | Contractor     | \$330,800     |                        |                      | x                 | Awaiting Grant Agreement |
| Iron Bell Trail Project : project to extend the Iron Bell trail from its current terminus to the north park entrance (Huron River Drive)     | Engineering     | Planning, Operations,             | Contractor     | \$845,016     |                        |                      | x                 | In Construction          |
| Adaptive Ballfield   | Planning        | Engineering, Operations           | RFP Consultant | TBD           |                        |                      | x                 | Planning                 |

# Infrastructure / Small Facilities

| Description   | Department Lead | Other Departments    | Other Partners | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status      |
|---|-----------------|----------------------|----------------|---------------|------------------------|----------------------|-------------------|-------------|
| Pavement projects (list developed annually, as needed)  | Engineering     | Planning, Operations | Contractor     | various       | x                      | x                    | x                 | Ongoing     |
| Accessibility improvements, including interiors and walkways - parkwide   | Engineering     | Planning, Operations | Contractor     | various       | x                      | x                    |                   | Ongoing     |
| Install above-ground fuel storage at service yard   | Engineering     | Maintenance          | Contractor     | \$170,000     |                        |                      |                   | Complete    |
| Turtle Cove Crosswalk Path: Construction of a path and crosswalk from the Foxwoods parking lot to Turtle Cove   | Engineering     | Planning, Operations | Contractor     | \$100,355     | x                      |                      |                   | In Design   |
| Accessible Path from Hawthorne Glade N Shelter to Turtle Cove: Pave 1,285' path from shelter to restrooms and Turtle Cove area per the ADA Transition Plan. | Engineering     | Planning, Operations | Contractor     | \$110,000     | x                      |                      |                   | Budgeted    |
| Accessible Path from Tulip Tree Shelter to Restrooms: Pave 330' path from shelter to restrooms per the ADA Transition Plan.                                 | Engineering     | Planning, Operations | Contractor     | \$30,000      | x                      |                      |                   | Budgeted    |
| Accessible Path: Woods Creek play area to restrooms   | Engineering     | Planning, Operations | Contractor     | TBD           |                        | x                    |                   | Not Started |
| Accessibility Improvements: Turtle Cove, connect hike and bike path   | Engineering     | Planning, Operations | Contractor     | TBD           |                        | x                    |                   | Not Started |
| Equalization of culverts: assessment, replacement, abatement.   | Engineering     | Planning, Operations | Contractor     | TBD           |                        | x                    |                   | Not Started |
| Tawata Trace underpass restoration  | Engineering     | Planning, Operations | Contractor     | TBD           |                        |                      | x                 | Not Started |
| Tulip Tree septic pump grinder  | Engineering     | Planning, Operations | Contractor     | TBD           |                        | x                    |                   | Not Started |

# Signage

| Description  | Dept. Lead | Other Depts.            | Other Partners                  | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2026) | Long-Term (10+ years) | Status      |
|--|------------|-------------------------|---------------------------------|---------------|------------------------|----------------------|-----------------------|-------------|
| Roadside wayfinding/directional signage updates - parkwide                               | Planning   | Maintenance, Operations |                                 | \$15,000      | x                      |                      |                       | Ongoing     |
| Trail wayfinding and interpretive signage improvements - Woods Creek, Paw Paw, Bob White | Planning   | Maintenance, Operations |                                 | \$10,000      | x                      |                      |                       | Not Started |
| Directional/ wayfinding signage to new park office at Willow                             | Planning   | Maintenance, Operations |                                 | TBD           | x                      |                      |                       | Not Started |
| Directional/wayfinding signage to serve paddlers along kayak routes                      | Planning   | Maintenance, Operations | Huron Clinton Watershed Council | TBD           |                        | x                    |                       | Not started |
| Iron Belle Trail directional/ wayfinding signage   | Planning   | Maintenance, Operations | MDNR                            | TBD           | x                      |                      |                       | Not started |
| Update wayfinding signage—Fox Woods (removal of ice skating rink icons)                  | Planning   | Maintenance, Operations |                                 | TBD           | x                      |                      |                       | Not started |

# Natural Resources

| Description  | Dept. Lead | Other Depts.                        | Other Partners | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2026) | Long-Term (10+ years) | Status      |
|--|------------|-------------------------------------|----------------|---------------|------------------------|----------------------|-----------------------|-------------|
| Climate Resiliency Plan  | NR         | Planning                            |                | staff time    | x                      | x                    | x                     | Ongoing     |
| Develop NR review process in early planning stages of construction projects                                  | NR         | Planning                            |                | staff time    | x                      | x                    | x                     | Ongoing     |
| Vegetation management (annual)   | NR         | Planning, Operations                |                | \$30,000      | x                      | x                    | x                     | Ongoing     |
| Landscape tree diversity plantings (annual)  | NR         | Planning, Operations                |                | \$3,500       | x                      | x                    | x                     | Ongoing     |
| Energy conservation initiatives  | NR         | Planning, Engineering, Interpretive |                | \$9,000       | x                      |                      |                       | Ongoing     |
| Hazardous waste removal (annual)   | NR         |                                     |                | \$1,000       | x                      | x                    | x                     | Ongoing     |
| Early detection, rapid response. Invasive species surveys and control in high quality natural areas (annual) | NR         | Interpretive                        | NGOs           | \$10,000      | x                      | x                    | x                     | Ongoing     |
| Conduct prescribed fire in adapted native communities (Bobwhite wetland, Fox Woods ravine, etc.)             | NR         |                                     |                | \$15,000      | x                      | x                    | x                     | Ongoing     |
| Oak wilt monitoring and prevention (annual)  | NR         | Operations                          | MDNR           | staff time    | x                      | x                    | x                     | Ongoing     |
| Deer cull to maintain deer at roughly 15/ square mile.   | NR         | Police                              |                | staff time    | x                      | x                    | x                     | Ongoing     |
| Bioswale improvements  | NR         | Planning, Operations                |                | TBD           |                        | x                    |                       | Not Started |
| Riparian bank restoration  | NR         | Planning, Engineering, Operations   |                | TBD           |                        | x                    | x                     | Not Started |
| Reduction of mowed areas   | NR         | Planning, Operations, Maintenance   |                | TBD           | x                      |                      |                       | Not Started |

## Area Plans/Studies/Initiatives

After identifying the need for changes or improvements based on user feedback and staff research, in-depth evaluation and planning must be carried out to gain a detailed understanding of problems and opportunities and determine the best strategies based on existing conditions and resources. Sometimes a process to formally monitor facility usage and gauge popularity is necessary. These studies often result in a scope of work, a work plan, and in some cases a site plan that give staff a roadmap for planned changes. Recommended studies are listed below:

| Description   | Department Lead | Other Departments       | Other Partners   | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status      |
|---|-----------------|-------------------------|------------------|---------------|------------------------|----------------------|-------------------|-------------|
| Update trail maps to show opportunities for walking/hiking/trail running        | Graphics        | Planning                |                  | staff time    | x                      |                      |                   | Ongoing     |
| Turtle Cove renovation site plan  | Planning        | Engineering, Operations |                  | staff time    |                        |                      |                   | Complete    |
| Demolition plan for park office at Lower Huron                                  | Planning        | Engineering, Operations | Consultant       |               |                        | x                    |                   | Not started |
| North fishing site improvements plan  | Planning        | Engineering, Operations |                  | staff time    |                        |                      |                   | Complete    |
| Walnut Grove campground monitoring and site improvements plan                   | Planning        | Engineering, Operations |                  | staff time    |                        |                      |                   | Complete    |
| Future plan for Par 3 Golf Course   | Planning        | Engineering, Operations |                  | staff time    |                        |                      |                   | Complete    |
| Investigate partnership with Rolling Hills waterpark for overflow days          | Planning        |                         |                  | staff time    |                        |                      |                   | ?           |
| Fisheries assessment and habitat improvement ( including creel survey)          | NR              | Operations              | MDNR             | \$25,000      |                        | x                    |                   | Ongoing     |
| Herpetological distribution and abundance assessment                            | NR              | Interpretive            | Consultant       | \$9,000       |                        | x                    |                   | Ongoing     |
| Shoreline erosion survey  | NR              |                         |                  | \$10,000      |                        | x                    |                   | Ongoing     |
| Establish invasive species control tracking website                             | NR              | IT                      | MNFI, MISIN      | \$15,000      |                        | x                    |                   | Ongoing     |
| Comprehensive wildlife surveys and mapping (Birds, insects, freshwater mussels) | NR              | Interpretive            | MNFI, Consultant | \$35,000      |                        |                      |                   | Ongoing     |
| Electric Vehicle (EV) Stations  | Planning        | Engineering, Operations |                  | staff time    |                        | x                    |                   | Not Started |



## Area Plans/Studies/Initiatives

| Description  | Department Lead | Other Departments        | Other Partners | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status      |
|--|-----------------|--------------------------|----------------|---------------|------------------------|----------------------|-------------------|-------------|
| Robbe Farm feasibility study   | Planning        | NR, Engineering          |                | staff time    |                        | x                    |                   | Not Started |
| Foxwoods improvements: removal of two remaining dams, existing amenities, and electrical | Engineering     | Planning, NR, Operations |                | TBD           |                        |                      | x                 | Complete    |
| Foxwoods restroom expansion  | Engineering     | Planning, Operations     |                | TBD           |                        |                      | x                 | Not Started |
| South fishing site repairs and river access improvements                                 | Engineering     | Planning                 |                | TBD           |                        |                      | x                 | Not Started |
| Accessible Baseball Field  | Engineering     | Planning, Operations     |                | TBD           |                        |                      | x                 | Not Started |
| Kayak rescue launch and access plan  | Engineering     | Planning, Operations     |                | TBD           | x                      |                      |                   | Not Started |
| Trail connection plan: French Landing Dam  | Engineering     | Planning, Operations     |                | TBD           |                        | x                    |                   | Not Started |



To: Board of Commissioners  
From: Jay Bibby, Interim Chief of Planning and Development  
Project Title: Approval – Hudson Mills Metropark Master Plan Update  
Date: June 9, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve the 2022 update to the Hudson Mills Master Plan as recommended by Interim Chief of Planning and Development Jay Bibby and staff.

**Fiscal Impact:** Projects identified in each park master plan will affect the Metroparks budget over the planning horizon, but there is no immediate fiscal impact with this update.

**Background:** The original Hudson Mills Master Plan was developed over the course of six months in the fall of 2017. It was approved by the Board at the September 2017 Board of Commissioners meeting to guide the long range (10-year timeline) planning of developments for the park.

During the initial planning process, the intention to maintain these master plans as living documents was communicated. This five-year update, therefore, focuses on the following:

1. Major changes to facilities, infrastructure, and programming
2. Updated needs and opportunities
3. Status of original action items
4. Any new actions identified to help meet goals and policies

Staff have also updated the following sections:

- Revenue
- Visitation
- Demographic/socioeconomic population data
- Community and supporting plan documents

Planning and Development staff invited representatives from each administrative department and Hudson Mills park operations to form a steering committee to guide the update process. Public input was collected at the county level with responses to the facility and needs assessment regional survey performed as part of the Community Recreation Plan in the spring 2022.

Staff anticipates completing an entirely new master plan for Hudson Mills at its 10-year mark, in 2027.

**Attachment: Updated Hudson Mills Master Plan**

# HUDSON MILLS METROPARK MASTER PLAN



5 Year Update to 2017 - 2027

**DRAFT**



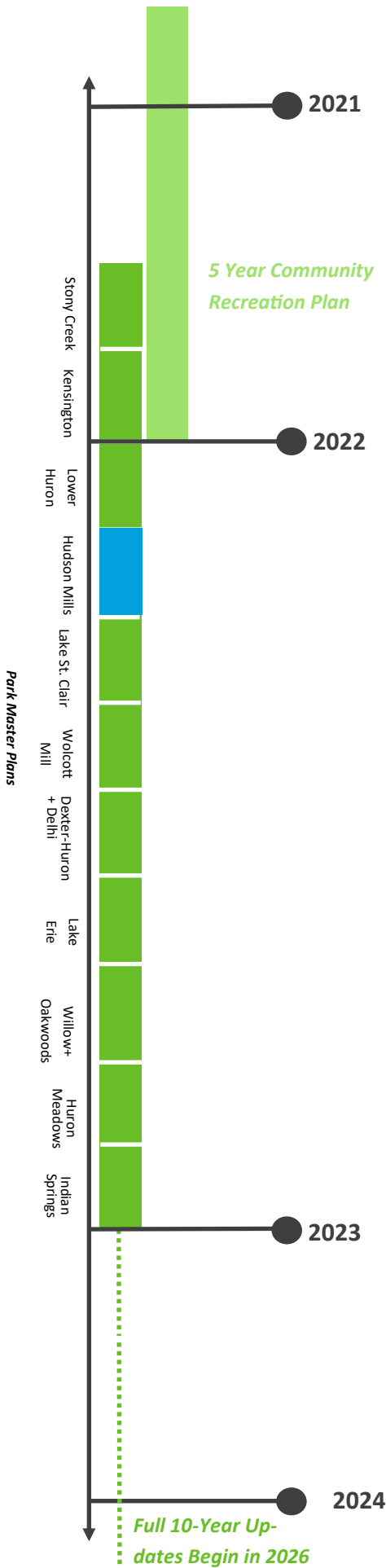
# Introduction

## Planning Process

The five-year update is an opportunity for each of the 13 Metroparks to review their master plan and make sure it is still relevant. This review includes 1) major changes to facilities, infrastructure and programming in the park; 2) updated needs and opportunities; 3) completed action items; and 4) any new actions necessary to implement the goals and policies for the park. One of the most important components is the public input collected through meetings, questionnaires, and online comments. This reveals the public's hopes and expectations for the park and significantly influences plan recommendations. A master plan steering committee was formed to include park employees with exceptional knowledge of Hudson Mills and surrounding community, who along with the experienced Metroparks department heads provide their professional opinions.

The Planning and Development Department also included updates to the demographic and spatial data to inform recommendations. Demographic data looks at the density, age, income, language, and other factors of the regional population. Spatial data, usually analyzed through Geographic Information Systems (GIS) software, looks at the physical location of the parks in relation to other recreation opportunities, transportation facilities, population centers, important natural resources, and more. Finally, the planning staff conducted a review of park conditions to identify areas needing improvement and areas experiencing success.

The master plans are intended to be living documents, modified as needed to reflect changing conditions in the parks. However, they focus on park developments over the following ten years, and will be updated every decade through a formal planning process similar to the current one.





# REVENUE

## Revenue Sources

### 2021 Operations Revenue

| Revenue Source       | 2021 Total \$       | % of Revenue |
|----------------------|---------------------|--------------|
| Tolling              | 675,070.95          | 40.8%        |
| Golf                 | 794,349.84          | 48.0%        |
| Disc Golf            | 34,778.26           | 2.1%         |
| Boat Rental          | 67,578.48           | 4.1%         |
| Special Events       | 4,339.73            | 0.3%         |
| Shelter Reservations | 28,134.82           | 1.7%         |
| Group Camp           | 3,866.17            | 0.2%         |
| Cross Country Ski    | 90.00               | 0.0%         |
| Interpretive         | 9,300.00            | 0.6%         |
| Intergovernmental    | 3,121.07            | 0.2%         |
| Miscellaneous        | 35,075.67           | 2.1%         |
|                      | <b>1,655,704.99</b> | <b>100%</b>  |

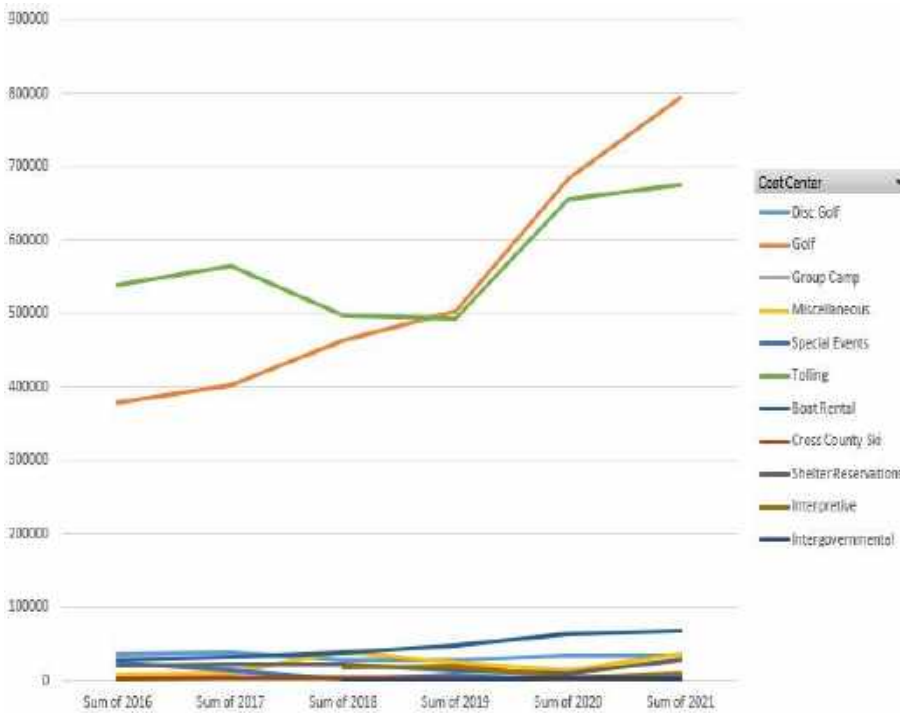
### NEEDS

Diversify sources of revenue

Offer new and exciting activities/ programs to visitors to both boost tolling and gather user fees

### OPPORTUNITIES

REVENUE TRENDS 2016-2021—Hudson Mills, Dexter-Huron, Delhi



The Metroparks 2021 General Fund revenue equaled \$59,729,968. The 2021 operations revenue for Hudson Mills was approximately \$1,655,704, comprising 2.7% of all Metroparks revenue.

As the chart illustrates, nearly all Hudson Mills revenue comes from park entrance tolling and golf.

Hudson Mills, Dexter-Huron, and Delhi are considered together in the budgeting process, and the budgeted 2022 operations revenues for the three parks are \$1,478,429, while estimated 2022 operations expenses are \$2,984,416. Property tax and other revenue will subsidize 50.5% (\$1,505,987) of the parks' operating budget.

\*2020 Operations Revenue was irregular due to the COVID pandemic.



# Revenue

## Visitors

Hudson Mills Metropark is a regional park and can draw from the 1,663,101 people that live within a 30 mile radius (approximately a 45-minute drive) of the park. Certain events and activities may draw visitors from greater distances.

Vehicle entries to Hudson Mills Metropark have hovered between 200,000 and 300,000 since 2016. Record entries of 299,492 were recorded in 2020.

In 2019, the Metroparks season pass included a barcode that park staff could scan when visitors enter Hudson Mills Metropark. The barcode was added so Metroparks staff could track which ZIP codes users are coming from to create better experiences, amenities and programming within the park system. Knowing where people are coming from also assists in identifying gaps in visitor characteristics so that the Metroparks can do a better job in sharing information about areas that may be underrepresented in terms of attendance.



Nature Walk

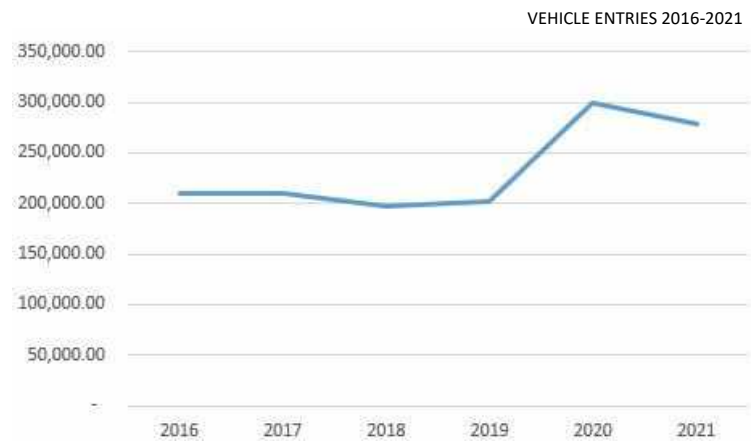


Family Picnics

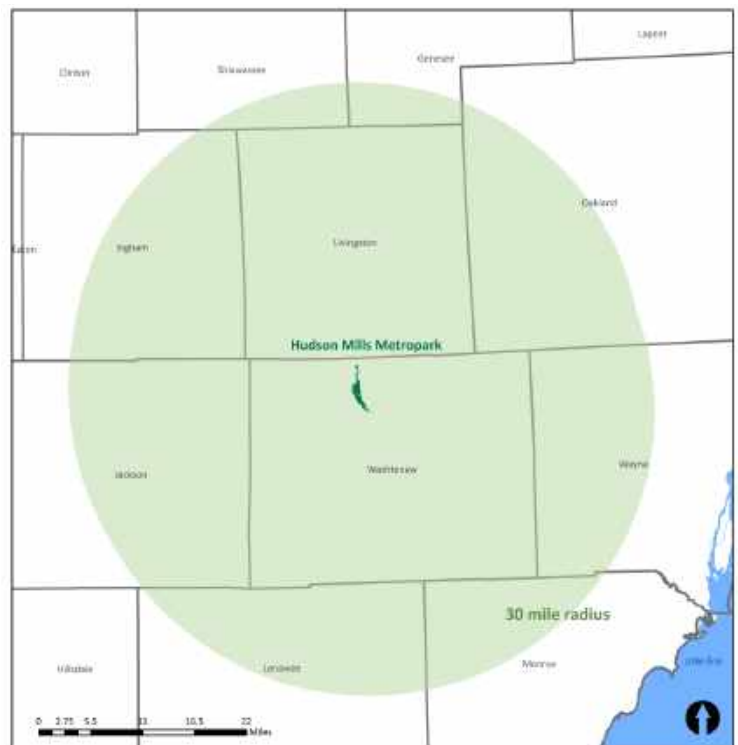
## NEEDS

- Increase awareness of park and vehicle entry numbers
- Attract new users and maintain robust visitor data

## OPPORTUNITIES



Hudson Mills Metropark 30-Mile radius



# Programs & Events



## NEEDS

Increase revenue and visitation

Build on enthusiasm of Kensington visitors with exciting, engaging programs and events

## OPPORTUNITIES

### 2022 Integrated Marketing Plan

Educational and public programs looked much different than “average” in 2020. Staff adjusted to ever-changing situations of the pandemic to continue serving visitors on multiple platforms using virtual and hybrid programs, as well as small-group, in person, outdoor programs. These new practices will carry over into 2022 and staff will continue working collaboratively to provide exciting new experiences for the Hudson Mills communities in ways that are safe and engaging.

### 2020-2022 Recreation Programming Plan

In 2022, the Metroparks amended the 2020-2022 Community Recreation Plan to include a Recreation Programming Plan.

An important element of programming is accessibility and ensuring all programs, events, and services are compliant with the American Disability Act (ADA) requirements.

To achieve this, the Metroparks has begun self-evaluation of all programming and services offered by each department. Each program was categorized into groups of similar activities (e.g. programs, events, activities) and will then be analyzed each activity in terms of vision, hearing, and mobility barriers



Fireworks



Easter Egg Scramble



Chill at the Mill



# COMMUNITY INFLUENCES

## Population

The population of Hudson Mills communities is growing, aging, and facing new challenges. The percentage of households without access to an automobile has stayed consistent throughout the region during 2014-2019.

The Metroparks were created during the auto boom when it was assumed that every family would have a car to take out to the countryside on the weekends. Since habits and lifestyles are changing, the Metroparks must look into innovative ways to provide access to the parks for all.

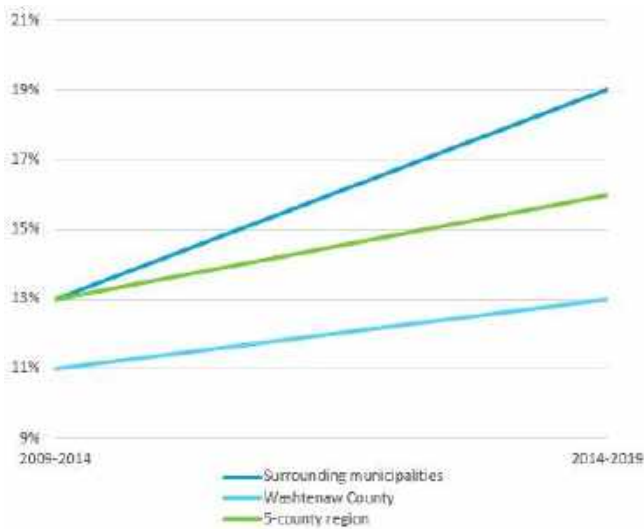
The percentage of individuals over 65 years of age is rising quickly in the region, Washtenaw County and communities surrounding the park. Older adults have distinct needs, often requiring accommodations for mobility and accessibility of park features such as trails and buildings. This is important to keep in mind when planning the future of a park serving an older population.

### NEEDS

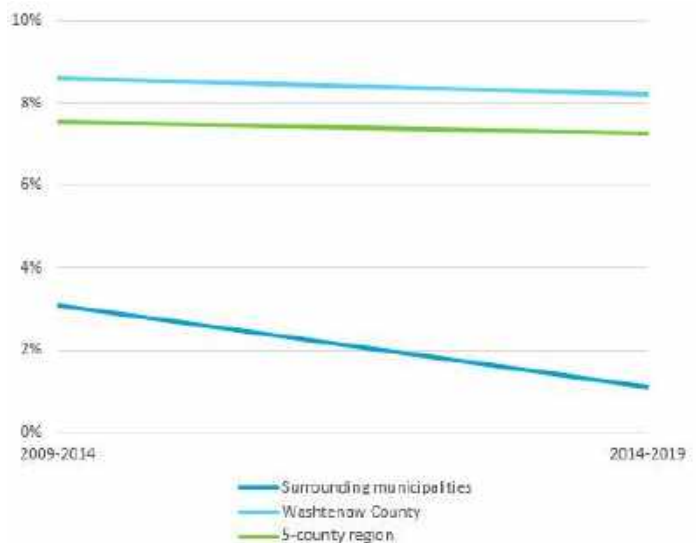
Address changing needs of new population demographics

Develop an accessible, welcoming park with something for everyone

### OPPORTUNITIES



CHANGE IN PERCENT OF POPULATION OVER 65 YEARS, 2009-2014 through 2014- 2019 Source: US Census American Community Survey)



CHANGE IN PERCENT OF HOUSEHOLDS WITH NO CARS AVAILABLE, 2009-2014 through 2014-2019 (Source: US Census American Community Survey)

# Community Influences

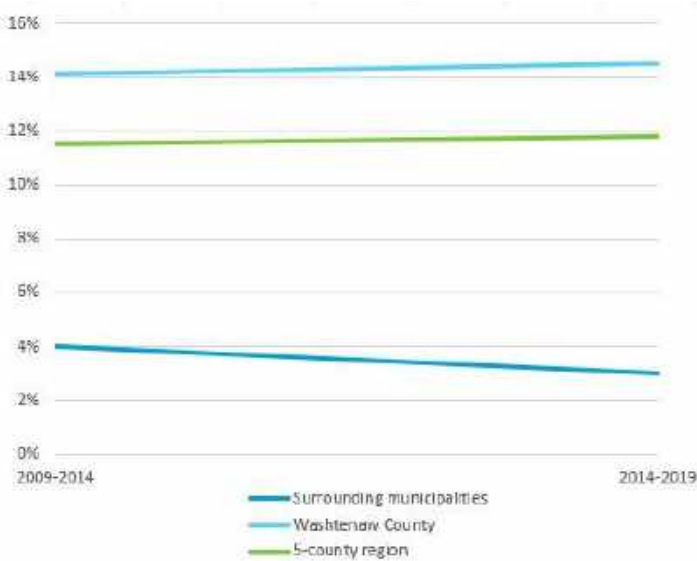
As shown below, Hudson Mills is located well west of the suburban ring around Detroit, largely in the midst of rural low-density areas with less than one thousand residents per square mile. It is near a few communities of slightly higher density and the population hubs of Ann Arbor and Ypsilanti. All this creates unique land use and park access challenges and opportunities.

While on average the five-county region is falling in population density, the population in Washtenaw County has risen slightly, creating increased demand for recreation in the area. They still remain well below the regional average.

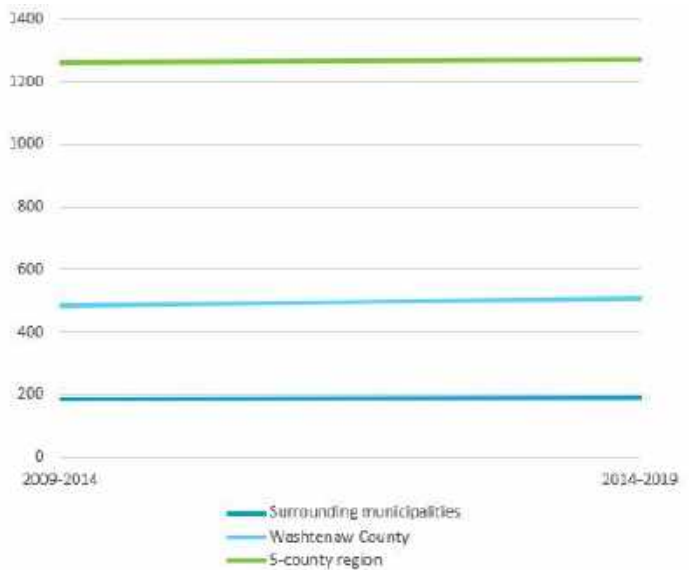
Although most households in the area still speak English as their first language, Washtenaw County and the region at large are seeing an increase in households speaking languages other than English at home. Because of this growing linguistic diversity the Metroparks are working towards more universal signage design, with a focus on easily understandable symbols. The municipalities bordering Hudson Mills do not follow this trend, having decreased numbers of speakers of other languages.



POPULATION DENSITY BY CENSUS TRACT, 2014-2019



CHANGE IN PERCENT OF HOUSEHOLDS SPEAKING LANGUAGE BESIDES ENGLISH AT HOME, 2009-2014 through 2014-2019 (Source: US Census American Community Survey)



CHANGE IN AVERAGE POPULATION DENSITY, 2009-2014 through 2014-2019 (Source: US Census American Community Survey)



## NEEDS

Improve park connectivity with community

Create good working relationship with surrounding municipalities

## OPPORTUNITIES

### Dexter Township

- Retain rural character and open space
- Appreciation for and cooperation with public lands
- Seeking funding for sidewalk and path installation
- Completion of Border-to-Border Trail important

### Webster Township (Master Plan revisions 2015)

- Experiencing limited transition from agricultural to residential land uses
- Protection of 1,600 agricultural acres through purchase of development rights (PDR) program
- Protection of natural resources through Preservation Overlay District
- Encouraging cluster housing developments

### City of Dexter (updated Master Plan 2019)

- Continued participation in regional efforts
- Infill and mixed use development in Central Business District
- Increased bicycle and pedestrian connections, especially Border 2 Border Trail

### Washtenaw County (updated Parks and Recreation Master Plan 2020-2024)

- Expand type and scope of recreation opportunities for all
- Preserve and enhance existing natural, historic, and cultural resources
- Develop an interconnected network of spaces, recreation facilities, and trails to promote placemaking
- Seek opportunities to cooperate and collaborate with a variety of partners.

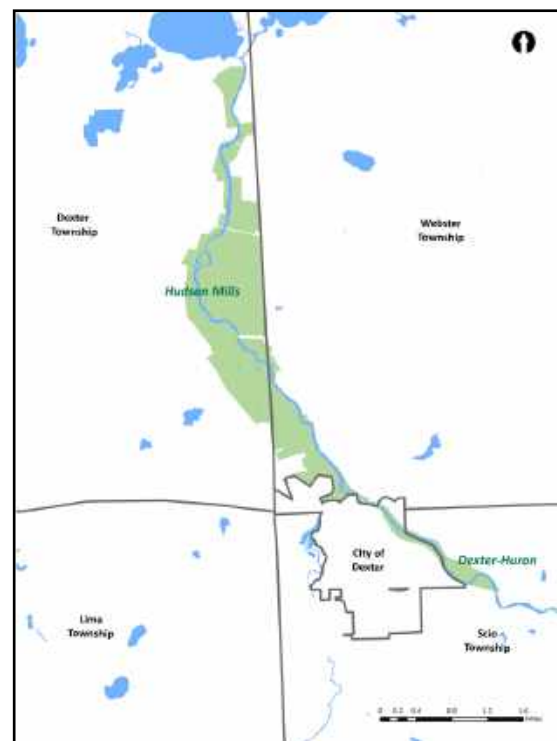
## Projects/Initiatives

### Huron River Watershed Council

- Improve climate resiliency of communities on the watershed
- Green infrastructure for local governments program
- Collaboration in stormwater management efforts
- RiverUp! program supporting placemaking in river towns
- Huron River Water Trail partner facilitation

Understanding the goals and plans of municipalities bordering and/or containing Hudson Mills is essential for a collaborative, comprehensive planning process. Planning staff researched the published master plans and recreation plans of surrounding municipalities, counties, and regional agencies. These provided a basic idea of the direction planned for each, especially regarding land use, development, and recreation.

MUNICIPALITY MAP





### Supporting Plans

#### Community Recreation Plan

The Hudson Mills Master Plan is aligned with the Metroparks Community Recreation Plan 2018-2022 that creates an inventory of existing facilities and resources, identifies community and recreation and open space needs and sets a plan of action for a 5-year period. To be eligible to apply for Land and Water Conservation Fund, Michigan Natural Resources Trust Fund, and Waterways grants, a community must have an approved 5-Year Plan on file with the Michigan Department of Natural Resources (DNR) by February 1 of the year they intend to apply.

#### Marketing Plan

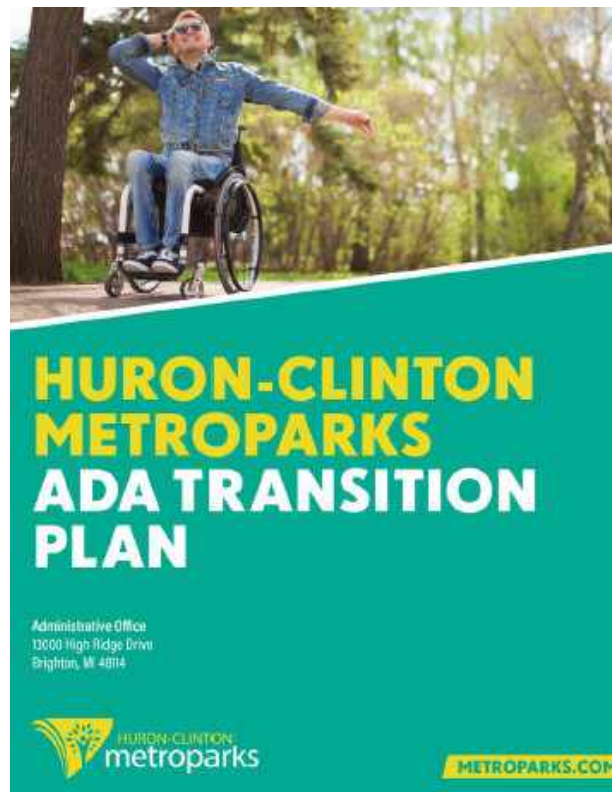
Realizing the importance of marketing and communication, the Hudson Mills Master Plan will coincide with updates to the Marketing Plan 2022 Goals and Strategies, developed annually by the Marketing and Communications Department. Both are living documents that will closely follow both present and future marketing trends and work in collaboration amongst various departments.

#### ADA Transition Plan

The Metroparks Board of Commissioners approved an updated Americans with Disabilities Act (ADA) Transition Plan in November 2019. Moving forward, top priority projects will be added into annual capital and major maintenance improvement projects and identified in the Five-Year Community Recreation Plan and 10-year master plan (five-year amended) developments.

#### Stormwater Management Plan

The Stormwater Management Plan (SWMP), approved by the Board of Commissioners in 2019, provides a comprehensive review and analysis of the existing stormwater conveyance system for improvement and maintenance projects that prioritize reduction of impacts on water quality. It includes concepts and preliminary details for the design, construction, and operation and maintenance of the stormwater system for each Metropark (separated into individual chapters). Vetted by a committee of administrative departments and Hudson Mills operations and maintenance staff, recommendations include green infrastructure development, shoreline and streambank restoration, and culvert and outfall cleanouts and replacements. Cost estimates were developed for each project, and calculation tables were included to help with budgeting (adjusting for inflation) in the future.



## Community Influences

### A Comprehensive Plan for Washtenaw County, 2004

*“Washtenaw County Parks and Recreation Commission has recently completed a Master Plan Update, 2004-2008, to establish recommendations and priority actions over the next five years. These recommendations are reflected in this element along with additional recommendations for coordinating state, regional and local resources to promote regional and county-wide open space systems, greenways and trails, protection of important natural resources and adequate recreation opportunities for existing and future residents.”*

### SEMCOG Parks and Recreation Plan, 2019

*“SEMCOG’s Green Infrastructure Vision for Southeast Michigan, to fill gaps within the trail network, and focus on reducing time traveled for nonmotorized access to trails.”*

### Dexter Township Master Plan, 2011

*“Participate with Washtenaw County, Livingston County, the Huron-Clinton Metropolitan Authority, and other regional partners to identify current parks and recreational resources of the region and address the current and future recreational needs of Dexter Township and the surrounding area.”*

### Webster Township Master Plan, 2010

*“It is the intent of this plan to preserve the continuity of natural features in order to protect the integrity of ecological systems. To further this goal, the Township will study new requirements for preserving connected open space corridors and the preservation of wildlife habitats. This includes participating in any multi-jurisdictional planning efforts to preserve open space and wildlife corridors.”*

### The City of Dexter 2016-2021 Parks and Recreation, 5-Year Master Plan

*“The City of Dexter is centrally located amongst the Huron-Clinton Metropolitan Parks within Washtenaw County. Connection to these regional facilities provides City residents and visitors with optional access to the facilities and provide the City with economic development opportunities within the downtown.”*

### Washtenaw County Parks & Recreation Commission Master Plan, 2020 –2024

*“The Commission has made significant investments in the B2B during the last 10 years with some of the more notable projects being in the Dexter area in partnership with the Huron-Clinton Metropolitan Authority (HCMA). WCPARC’s goal for the B2B over the next five years is to continue partnering with other organizations to complete trail segments and close gaps in the B2B across the county.”*

Since the development and land use decisions of bordering communities and other governmental agencies directly impact the park, these neighbor master plans were reviewed and taken into account when creating this document. The opinions and ideas expressed by residents and leaders in these municipalities give Hudson Mills a wider context and in many cases underscore the importance of the park’s resources to citizens.

Hudson Mills is part of a broader system of recreation and green space that includes other Metroparks as well as local, county, and state parks and greenways. Due to this, recreation and green infrastructure plans were also considered in creating the Hudson Mills Master Plan. Many communities are currently advancing their non-motorized networks, seeking grant funding to create greenways and paths, and cooperating to provide linked green and recreation spaces to their constituents.

Several other state, county, and local parks are located close to Hudson Mills Metropark, leading to exciting opportunities for non-motorized connections and collaboration among agencies.

# PUBLIC INPUT

## ← Outreach Process

### 2022 Community Needs and Assessment

ETC Institute administered a needs assessment survey for Huron-Clinton Metroparks (HCMA) during the Spring of 2022. The survey was administered as part of Metroparks’ efforts to establish and priorities improvements to the parks system, which included 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties. The survey and its results will guide HCMA in taking a resident-driven approach to making decisions that will enrich the future of the community and positively affect the lives of all residents in southeast Michigan.

ETC Institute mailed a survey packet to a random sample of households in Livingston County, Macomb County, Oakland County, Washtenaw County, Wayne County (outside the City of Detroit), and the City of Detroit.

| Location                              | Completed Surveys | % Precision  |
|---------------------------------------|-------------------|--------------|
| <i>Livingston County</i>              | 479               | ±4.5%        |
| <i>Macomb County</i>                  | 511               | ±4.3%        |
| <i>Oakland County</i>                 | 583               | ±4.1%        |
| <i>Washtenaw County</i>               | 514               | ±4.3%        |
| <i>Wayne County (Outside Detroit)</i> | 407               | ±4.9%        |
| <i>City of Detroit</i>                | 405               | ±4.9%        |
| <b>Total</b>                          | <b>2,899</b>      | <b>±1.8%</b> |

The table above shows the number of completed surveys collected in each of the six sampling areas. The table also shows the margin of error at the 95% level of confidence for each area.

The results presented in this report have been weighted to represent each sampling area’s share of the population of the Huron-Clinton Metroparks service area. The weighted results give more weight to the responses from the larger sampling areas, including Macomb County, Oakland County, Wayne County (outside Detroit), and the City of Detroit, and similarly gives less weight to the responses of the smaller sampling areas, including Livingston County and Washtenaw County

### Priorities for Parks & Recreation Facility Investments in the Huron-Clinton Metroparks Service Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each facility/ amenity/ activity/program
- how many households have unmet needs for the facility/

| Facility   | Priority Investment Rating (PIR) |
|--|----------------------------------|
| <i>Trails-paved, multi-use (walking, biking)</i> | 189.2                            |
| <i>Beaches</i>                                   | 174.7                            |
| <i>Natural areas</i>                             | 145.7                            |
| <i>Trails-unpaved, nature trails</i>             | 139.7                            |
| <i>Trails-unpaved, hiking</i>                    | 137.2                            |
| <i>Nature centers</i>                            | 114.2                            |
| <i>Canoe/kayak launch sites</i>                  | 110.2                            |
| <i>Outdoor swimming pools</i>                    | 107.9                            |

# Results

## Washtenaw County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Washtenaw County households. The following six facilities were rated as high priorities for investment:

- Paved multi-use trails for walking and biking
- Unpaved trails, nature trails
- Unpaved trails for hiking
- Beaches
- Natural areas
- Canoe/kayak launch sites

| Facility                                  | PIR   | Priority                    |
|---|-------|-----------------------------|
| Trails-paved, multi-use (walking, biking) | 175.5 | High Priority (PIR=100-200) |
| Trails-unpaved, nature trails             | 159.1 |                             |
| Trails-unpaved, hiking                    | 155.7 |                             |
| Beaches                                   | 147.4 |                             |
| Natural areas                             | 137.7 |                             |
| Canoe/kayak launch sites                  | 105.8 |                             |
| Outdoor swimming pools                    | 97.5  | Medium Priority (PIR=50-99) |
| Nature centers                            | 92.4  |                             |
| Canoe/kayak rentals                       | 76.2  |                             |
| Fishing banks or docks                    | 69.3  |                             |
| Camping areas-primitive sites             | 62.0  |                             |
| Picnic tables                             | 59.3  |                             |
| Trails-mountain biking                    | 55.8  |                             |
| Picnic shelters                           | 53.1  |                             |
| Playgrounds                               | 46.6  |                             |
| Splash pad (water play area)              | 42.1  |                             |
| Waterslides                               | 41.8  | Low Priority (PIR=0-49)     |
| Golf driving ranges                       | 41.2  |                             |
| Camping areas-RVs                         | 41.2  |                             |
| Boat ramps                                | 37.8  |                             |
| Camping areas-group sites                 | 37.8  |                             |
| Golf courses                              | 34.9  |                             |
| Disc golf                                 | 22.0  |                             |
| Boat docks                                | 21.0  |                             |
| Marinas                                   | 10.0  |                             |

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Washtenaw County households. The following 12 programs were rated as high priorities for investment:

- Concerts
- Art/photography
- Movies in the park
- Swim lessons
- Walking clubs/programs
- Water fitness programs
- Pet-friendly programs
- Environmental education programs
- Camping
- Programs for people with disabilities
- Astronomy programs
- Bird-wildlife watching programs
- Guided nature hikes
- Fishing programs
- Natural/cultural history programs

| Program                               | PIR   | Priority                    |
|---------------------------------------|-------|-----------------------------|
| Concerts                              | 194.4 | High Priority (PIR=100-200) |
| Art/photography                       | 175.1 |                             |
| Movies in the park                    | 173.9 |                             |
| Swim lessons                          | 166.8 |                             |
| Walking clubs/programs                | 164.6 |                             |
| Water fitness programs                | 162.6 |                             |
| Pet-friendly programs                 | 150.9 |                             |
| Environmental education programs      | 132.9 |                             |
| Camping                               | 129.0 |                             |
| Programs for people with disabilities | 126.7 |                             |
| Astronomy programs                    | 126.2 |                             |
| Bird/wildlife watching programs       | 125.0 |                             |
| Guided nature hikes                   | 121.7 |                             |
| Fishing programs                      | 114.2 | Medium Priority (PIR=50-99) |
| Natural/cultural history programs     | 108.7 |                             |
| Guided canoe/kayak tours              | 105.5 |                             |
| Farm educational programs             | 98.0  |                             |
| Golf lessons                          | 83.6  |                             |
| Boating classes                       | 80.6  |                             |
| Guided motorized boat tours           | 70.3  | Low Priority (PIR=0-49)     |
| Homeschool programs                   | 59.1  |                             |
| Running clubs/programs                | 50.0  |                             |
| Virtual programs                      | 35.3  |                             |
| Scouting                              | 31.8  |                             |
| Golf tournaments                      | 29.9  |                             |

Table 14: PIR Ratings for Parks & Recreation Programs in Wayne County, MI (outside of Detroit)

# Action Plan

## Needs & Opportunities

Based on the assessment of park conditions, demographic research and spatial analysis, public input, and staff input, the needs and opportunities listed throughout this document were developed. [5-year updates are in blue text](#)

### Needs

- Better highlight and advertise unique character of park
- Define and protect biodiversity features
- Address aging and overbuild infrastructure
- Work with county to address boundary [and encroachment issues](#)
- Better revenue and visitation numbers
- Improve park connectivity with community
- Incorporate a variety of user community groups into Master plan
- [Address changing needs of new population demographics](#)

### Opportunities

- Build a strong identity and user base with unique character of park
- Create resilient network of biodiverse areas in park
- Draw new visitors with programming and park history education
- Update infrastructure to better [reflect park usage and sustainability for future use](#)
- [Take advantage of captive audiences, actively take part in programming activities and events](#)
- Provide unique recreational facilities to draw visitors from across the region
- Create good working relationship with neighbors, municipalities and partner organizations

With these in mind, the following list of projects, plans, and studies was developed. Major and minor projects have been identified as priorities and assigned a timeline, and the accompanying studies have been listed. These pages should serve as a blueprint for the future of the park over the next five years.



## Action Plan

# Large Facilities

| Description  | Department Lead      | Other Departments | Other Partners                 | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026 +) | Status      |
|--|----------------------|-------------------|--------------------------------|---------------|------------------------|----------------------|--------------------|-------------|
| Golf course strategic plan: develop a five year strategy with the goal of a sustainable future for the golf course, include building improvements & community partners to promote golf | Planning, Operations | Engineering       | Marketing , Community Partners | staff time    | x                      | x                    | x                  | Not Started |
| Activity Center improvement plan: identify opportunities to improve building and surrounding areas for increased visitor use   | Planning, Operations | Engineering       |                                | staff time    | x                      | x                    | x                  | Not Started |

# Signage

| Description   | Department Lead | Other Departments                     | Other Partners  | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026 +) | Status      |
|---|-----------------|---------------------------------------|-----------------|---------------|------------------------|----------------------|--------------------|-------------|
| Roadside wayfinding/directional signage updates - parkwide              | Planning        | Maintenance, Operations               |                 | \$15,000      | x                      |                      |                    | Ongoing     |
| Replace park entrance sign on Huron River Drive                         | Planning        | Maintenance, Operations               | Dexter Township | \$2,500       |                        |                      |                    | Completed   |
| Trail wayfinding signage improvements and possible path relocation      | Planning        | Maintenance, Interpretive, Operations |                 | \$5,000       | x                      |                      |                    | Ongoing     |
| Interpretive signage improvements - nature trails and EMR managed lands | Interpretive    | Planning, Maintenance, Operations     |                 | \$5,000       |                        |                      |                    | ?           |
| Update sign shop with new graphics                                      | Marketing       | Planning, Operations                  |                 | TBD           | x                      |                      |                    | Not Started |

# Infrastructure / Small Facilities

| Description   | Dept. Lead  | Other Depts.            | Other Partners          | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status          |
|---|-------------|-------------------------|-------------------------|---------------|------------------------|----------------------|-------------------|-----------------|
| Pavement projects (list developed annually, as needed)  | Engineering | Planning, Operations    | Contractors             | various       | x                      | x                    | x                 | Ongoing         |
| Parkwide Accessibility improvements, including interiors and walkways   | Engineering | Planning, Operations    | Contractors             | various       | x                      | x                    | x                 | Ongoing         |
| Replace pedestrian bridges (2) on hike-bike trail   | Engineering | Planning, Operations    | Contractors             |               |                        |                      |                   | Completed       |
| Rapids View improvements: develop accessible canoe/kayak launch, replace/relocate comfort station, expand parking   | Planning    | Engineering, Operations | Contractors, MDNR, HRWC | \$649,368     | x                      |                      |                   | In Construction |
| Develop small playground at Oak Meadows   | Planning    | Engineering, Operations | Contractors             | TBD           |                        |                      | x                 | Not Started     |
| Develop hike-bike trail connector from loop to the Activity Center parking lot  | Engineering | Planning, Operations    | Contractors             | TBD           |                        | x                    |                   | Not Started     |
| Accessible Path to Activity Center Shelter: Pave 320 lf path from bike trail to AC shelter to make it ADA compliant. Include accessible tables/grill & concrete pad as part of project. | Engineering | Planning, Operations    | Contractors             | \$40,071      | x                      |                      |                   | Budgeted 2022   |
| Canoe/kayak camp improvements: replace/relocate pit toilets, replace fire pits, replace fire pit seating, tree plantings  | Planning    | Maintenance, Operations | MDNR, HRWC              | TBD           | x                      | x                    | x                 | ?               |
| Replace disc golf baskets on Monster course   | Planning    | Operations              |                         |               |                        |                      |                   | Completed       |
| Border-to-Border (B2B) hike-bike trail extension development (to Lakelands Trail)   | Planning    | Engineering, Operations | WCPARC, MDNR            | TBD           | x                      | x                    |                   | Not Started     |
| Canoe livery launch improvements  | Planning    | Engineering, Operations | Concessionaire          | \$12,000      |                        |                      |                   | ?               |
| Additional tollbooth  | Engineering | Planning, Operations    | Contractor              | TBD           |                        | x                    |                   | Not Started     |
| Accessible trailhead bike repair station  | Planning    | Operations              | Contractor              | TBD           | x                      |                      |                   | Not Started     |

# Natural Resources

| Description   | Department Lead | Other Departments                | Other Partners          | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2026) | Long-Term (2026+) | Status      |
|---|-----------------|----------------------------------|-------------------------|---------------|------------------------|----------------------|-------------------|-------------|
| Climate Resiliency Plan   | NR              | Planning                         |                         | Staff time    |                        | x                    | x                 | Ongoing     |
| Develop NR review process in early planning stages of construction projects                                     | NR              | Planning                         |                         | Staff time    |                        | x                    | x                 | Ongoing     |
| Vegetation Management (annual)  | NR              | Operations                       |                         | \$30,000      | x                      | x                    | x                 | Ongoing     |
| Threatened habitat restoration (Wet-mesic prairie/Oak Barren/Tamarack Swamp/ Floodplain Forest, multiple sites) | NR              |                                  | USFWS, TNC, MDNR, NGOs  | \$130,000     | x                      | x                    |                   | Ongoing     |
| Hazardous waste removal (annual)  | NR              | Operations                       |                         | \$2,000       | x                      | x                    | x                 | Ongoing     |
| Early detection, rapid response. Invasive species surveys and control in high quality natural areas (annual)    | NR              | Interpretive                     | NGOs                    | \$12,000      | x                      | x                    | x                 | Ongoing     |
| Restoration of former farmed fields   | NR              |                                  | Contractors             | TBD           | x                      | x                    | x                 | ?           |
| Conduct prescribed fire in adapted native communities   | NR              |                                  | Contractors             | \$4,000       | x                      | x                    | x                 | Ongoing     |
| Oak wilt control and prevention   | NR              | Operations, Interpretive         | MDNR                    | \$4,500       | x                      | x                    | x                 | Ongoing     |
| Deer cull to maintain deer at roughly 15/ square mile   | NR              | Police, Operations, Interpretive | MDNR, NGOs              | staff time    | x                      | x                    | x                 | Ongoing     |
| Japanese Knotweed monitoring and control  | NR              |                                  | Contractors             | \$5,000       | x                      |                      |                   | Ongoing     |
| Landscape Tree planting diversification   | NR              | Operations                       |                         | \$2,000       | x                      | x                    | x                 | Ongoing     |
| Fish habitat improvements   | NR              |                                  | MDNR, NGOs, Contractors | \$125,000     | x                      | x                    |                   | Ongoing     |
| Invasive species control at Group Camp  | NR              | Operations                       |                         | TBD           | x                      | x                    |                   | Ongoing     |
| Southern prairie restoration  | NR              | Operations                       |                         | TBD           | x                      | x                    |                   | Not Started |
| Fen restoration/ Dogwood removal  | NR              | Operations                       |                         | TBD           |                        |                      |                   | Not Started |

## Area Plans/Studies/Initiatives

After identifying the need for changes or improvements based on user feedback and staff research, in-depth evaluation and planning must be carried out to gain a detailed understanding of problems and opportunities and determine the best strategies based on existing conditions and resources. Sometimes a process to formally monitor facility usage and gauge popularity is necessary. These studies often result in a scope of work, a work plan, and in some cases a site plan that give staff a roadmap for planned changes. Recommended studies are listed below:

| Description   | Department Lead | Other Departments       | Other Partners          | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status      |
|---|-----------------|-------------------------|-------------------------|---------------|------------------------|----------------------|-------------------|-------------|
| Northwest Passage Trail Feasibility Study                                       | Planning        | Engineering, Operations |                         | staff time    | x                      |                      |                   | Not Started |
| Update trail maps to show opportunities for walking/hiking/trail running        | Graphics        | Planning                |                         | staff time    | x                      |                      |                   | Ongoing     |
| Establishment of a comprehensive Oak Wilt monitoring and treatment protocol     | NR              | Operations              | MDNR                    | \$10,000      | x                      |                      |                   | Ongoing     |
| Establish Invasive Species Control Tracking Website                             | NR              | IT                      | MNFI, MISIN             | staff time    | x                      |                      |                   | Ongoing     |
| Comprehensive wildlife surveys and mapping (birds, insects, freshwater mussels) | NR              | Interpretive            | NGOs, Consultants, MNFI | \$35,000      | x                      |                      | x                 | Ongoing     |
| Rapids View selective redevelopment plan  | Planning        | Engineering, Operations |                         | staff time    |                        |                      |                   | Completed   |
| Oak Meadows play area site plan   | Planning        | Engineering, Operations |                         | staff time    |                        |                      |                   | Completed   |
| Tennis court area site plan   | Planning        | Engineering, Operations |                         | staff time    | x                      |                      |                   | ?           |
| Canoe/kayak camp improvements site plan   | Planning        | Operations              |                         | staff time    | x                      |                      |                   | ?           |
| Evaluate opportunities for including family/bike camping at Group Camp          | Planning        | Operations              |                         | staff time    | x                      |                      |                   | ?           |

## Area Plans/Studies/Initiatives (cont'd)

| Description  | Department Lead | Other Departments        | Other Partners | Cost Estimate | Short-Term (2022-2023) | Mid-Term (2024-2025) | Long-Term (2026+) | Status      |
|--|-----------------|--------------------------|----------------|---------------|------------------------|----------------------|-------------------|-------------|
| Border-to-Border extension plan  | Planning        | Engineering, Operations  | WCPARC, MDNR   | staff time    | x                      |                      |                   | Not Started |
| Planning for portage improvements at Flook Dam (partnership)                                     | Planning        | Engineering, Operations  | HRWC           | staff time    |                        | x                    |                   | ?           |
| Eastern Massasauga Rattlesnake population assessment and habitat improvements                    | NR              | Interpretive             | Consultants    | \$55,000      | x                      |                      |                   | Ongoing     |
| Fisheries assessment   | NR              |                          | MDNR           | \$25,000      | x                      |                      |                   | Ongoing     |
| Grassland Management Plan (biennial review)  | NR              | Operations, Interpretive |                |               | x                      | x                    | x                 | Ongoing     |
| Deer program evaluation (vegetation study)   | NR              | Interpretive             | Contractors    | \$30,000      | x                      |                      | x                 | Ongoing     |
| ADA improvement updates for all facilities, trails, pathways, shelters, and restrooms            | Planning        | Engineering, Operations  |                | staff time    |                        | x                    |                   | Not Started |
| Group Camp feasibility study/ assessment   | Planning        | Engineering , Operations |                | staff time    | x                      |                      |                   | Not Started |
| Improvements and boardwalk transition plan to City of Dexter                                     | Planning        | Engineering , Operations |                | staff time    |                        |                      | x                 | Not Started |
| Expanded use of the Huron River Water Trail opportunities  | Planning        | Interpretive, Operations |                | staff time    |                        |                      | x                 | Ongoing     |
| Electric Vehicle (EV) Stations   | Planning        | Engineering, Operations  |                | staff time    |                        | x                    |                   | Not Started |
| Kayak launch at Bell Rd.   | Planning        | Engineering, Operations  |                | staff time    |                        |                      | x                 | Not Started |
| Trail to Portage Lake  | Planning        | Engineering, Operations  |                | Staff time    |                        |                      | x                 | Not Started |
| Development and expansion of additional recreation facilities, pickleball, disc golf, splash pad | Planning        | Engineering Operations   |                | staff time    |                        |                      | x                 | Not Started |





To: Board of Commissioners  
From: Mike Henkel, Chief of Engineering Services  
Project No: 509-20-554  
Project Title: Approval – Stony Creek Boat Launch Building  
Project Type: Capital Improvement  
Location: Stony Creek Metropark  
Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners (1) approve a change order for the construction of the new Stony Creek Boat Launch Building contract 509-20-554 in the amount of \$30,219.84; and (2) approve a transfer from fund balance to cover additional construction costs as recommended by Chief of Engineering Services Mike Henkel and staff.

**Fiscal Impact:** The additional cost of \$ 30,219.84 would be covered from Fund Balance and transferred to the project. The original contract for the Boat Launch Building was \$1,750,000. To date total change orders, represent approximately 1.7 percent of the original project cost.

**Background:** The following is a list of the project accumulated change orders considering additions and deductions to the current contract. The project is currently anticipated to be substantially complete in August. Installation of electrical and mechanical systems are currently in progress. Per policy change order aggregate amounts greater than \$25,000 require action by the Board of Commissioners.

| <u>Change order #</u> | <u>Add/Deduct</u>  | <u>Description</u>   |
|-----------------------|--------------------|--|
| CO #1                 | \$2,750.00         | Relocation of electrical receptacles between the glass storefronts   |
| CO#2                  | \$6,640.84         | The approval for the trusses were delayed due to design issues with regard to the HVAC. This delay resulted in increased production costs at the manufacturing level. \$6,640.84 |
| CO#3                  | \$7,329.00         | The size of the tile specified created an availability cost issue. To keep the project on time and prevent delays we agreed to an upgraded tile. \$7,329.00                      |
| CO#4                  | \$226.00           | The design had a steel I-beam over a door for support of the masonry wall but was in the way of the main trusses and needed to be cut out of the way.                            |
| CO#5                  | \$13,274.00        | (Future Change Order) The HVAC design was not compatible with the roof trusses and needed to be redesigned to fit within the truss cavities.                                     |
| <b>Total</b>          | <b>\$30,219.84</b> |  |





To: Board of Commissioners  
 From: Mike Henkel, Chief of Engineering Services  
 Project No: 502-21-697  
 Project Title: Bids – Accessible Kayak Launch  
 Project Type: Capital Improvement  
 Location: Lake St. Clair Metropark  
 Date: June 3, 2022

Bids Received: May 27, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners (1) award Contract No. 502-21-697 to the low responsive, responsible bidder, JSS Macomb, LLC., in the amount of \$525,513.61; and (2) authorize the transfer of \$135,787.61 from the Kensington unallocated major maintenance account to cover the cost of the project as recommended by Chief of Engineering Services Mike Henkel and Staff.

**Fiscal Impact:** The project is \$135,787.61 over budget. The project was budgeted at \$389,726; the project grant amount is \$194,863 with a match of \$194,863 for a total estimated project cost of \$389,726. Funding is available in the Kensington unallocated major maintenance account for the project Trail Improvements Martindale to Shorefishing, which was budgeted in the amount of \$427,00. This work can be re-budgeted for 2023.

**Scope of Work:** The work includes the construction of an aggregate parking lot, concrete walks, asphalt path, soft kayak launch area, and an accessible floating dock.

**Background:** The project will construct an accessible kayak launch providing barrier-free access to nearby Lake St. Clair, Clinton River Water Trails, as well as the Black Creek Marsh for paddle sports. Additional site work includes fence removal and relocation, shoreline restoration, walkways, and educational signage. The project is located behind the maintenance area and next to the existing boat launch parking lot. The project grant agreement has a Dec. 31, 2022 end date.

| <u>Contractor</u>  | <u>City</u>  | <u>Amount</u>       |
|--|--------------|---------------------|
| JSS Macomb, LLC<br>DEI <input type="checkbox"/> Local <input checked="" type="checkbox"/> Wage <input type="checkbox"/>          | Shelby Twp.  | \$525,513.61        |
| Best Asphalt, Inc.<br>DEI <input type="checkbox"/> Local <input checked="" type="checkbox"/> Wage <input type="checkbox"/>       | Romulus      | \$619,653.50        |
| Anderzack-Pitzen Construction, Inc.<br>DEI <input type="checkbox"/> Local <input type="checkbox"/> Wage <input type="checkbox"/> | Metamora, OH | \$797,477.00        |
| Budget for Contract Services   |              | \$389,726.00        |
| - Kensington Trail Improvements  |              | <u>\$135,787.61</u> |
| o Total  |              | \$525,513.61        |
| Work Order Amount  |              |                     |
| - Contract Amount JSS Macomb, LCC  |              | \$525,513.61        |
| - Contract Administration  |              | <u>\$ 50,000.00</u> |
| o Total Proposed Work Order Amount (Rounded)   |              | \$575,514.00        |







To: Board of Commissioners  
From: Mike Henkel, Chief of Engineering Services  
Subject: Approval – Storm Water Outfall location, testing and data acquisition  
Project No: 900-22-268  
Location: Oakwoods, Lake St. Clair, Willow, Lower Huron, Lake Erie, Kensington, and Delhi  
Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve the request for proposal 900-22-268 from Environmental Consulting & Technology, Inc. (ECT) in the amount of \$27,950 as recommended by Chief of Engineering Services Mike Henkel and staff.

**Fiscal Impact:** This project is not a specific line item in the budget, however; funding is available from the engineering professional services account to cover the cost.

**Background:** After review of the submitted proposals, the recommendation to award to ECT is based on their proposed completion date of five weeks compared to five months and the project understanding. ECT is under a current contract for updating the Metroparks MS4 permit and has completed scope items proposed by DLZ. Such items include reviewing existing outfall data and protocols for sampling of submerged outfalls, which would add duplicate costs to the project.

The work described in the RFP is to provide determination, classification, testing, and field verify the location of new outfalls for inclusion into the organizations MS4 permit base on newly drawn urbanized area mapping. The consulting services will make determinations of outfalls as to their requirement to be accounted for in the urbanized areas for each park listed above.

In addition, field verification, GIS data acquisition, mapping, outfall sampling and screening will be completed as required and a draft and final report of findings will be provided. It is estimated that approximately 63 outfalls will need to be located and verified within the urbanized areas. The outfalls are spread throughout Oakwoods, Willow, Lower Huron, Lake Erie, Stony Creek, Kensington, and Delhi Metroparks. The work spans Oakland, Washtenaw, Wayne and Macomb Counties.

| <u>Vendor</u> | <u>Location</u> | <u>Amount</u> |
|---------------|-----------------|---------------|
| ECT           | Ann Arbor       | \$27,950.00   |
| DLZ           | Waterford       | \$24,703.00   |

**Attachment: ECT Proposal**



## > Huron-Clinton Metropolitan Authority

Response to Request for Proposal #900-22-268:  
MS4 Field Location, Testing, and Data Acquisition



May 31, 2022



1155 Brewery Park Boulevard, Suite 115 | Detroit | Michigan 48207

## > Letter of Transmittal

Mr. Mike Henkel, Chief of Engineering Services  
Huron-Clinton Metropolitan Authority  
13000 High Ridge Drive  
Brighton, MI 48114  
810-494-0493

Dear Mr. Henkel:

Environmental Consulting & Technology, Inc. (ECT) is pleased to submit this proposal to assist Huron-Clinton Metropolitan Authority (HCMA) with complying with the State of Michigan's municipal separate storm sewer system (MS4) permit requirements. HCMA will benefit from ECT's MS4 permitting experience which includes:

- Implementing permit requirements for 23 MS4 permittees including outfall screening, illicit discharge investigations, total maximum daily load (TMDL), public education and participation and good housekeeping/pollution prevention.

HCMA will benefit from an experienced team led by Annette DeMaria, who is the Executive Director of the Alliance of Rouge Communities (ARC) where she assists 38 public agencies in complying with their MS4 permits and has 20 years of MS4 permitting experience.

The project team will be primarily staffed out of our Detroit office, which is located at 1155 Brewery Park Boulevard, Suite 115, Detroit, Michigan 48207. Our federal ID number is 59-2921038.

We have thoroughly reviewed the RFP and believe you will find that ECT is uniquely qualified to serve the HCMA in this capacity. This proposal will remain firm for a period of 90 days.

If you have any questions on this proposal, please contact me at [ademaria@ectinc.com](mailto:ademaria@ectinc.com) or 248-765-4085 (cell).

Sincerely,

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**



Annette DeMaria, P.E., PMP  
Principal Engineer

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## **PART I TECHNICAL PROPOSAL**

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**Attachment A:** MICHIGAN CORPORATE AUTHORITY CERTIFICATE

**Attachment B:** EXAMPLE OUTFALL SCREENING FORM

**Attachment C:** SUBMERGED OUTFALL SAMPLING PROCEDURE

**Attachment D:** STAFF RESUMES

PART I

TECHNICAL PROPOSAL

## > A. General Information and Project Team

Environmental Consulting & Technology, Inc. (ECT) understands that HCMA is in the process of reapplying for their municipal separate storm sewer system (MS4) permit and are interested in having a consultant field verify the stormwater outfalls that are regulated under HCMA's permit. We believe that this step is critical to understanding the applicability of HCMA's MS4 permit, so we understand why it has been prioritized by HCMA.

### FIRM HISTORY AND CAPABILITIES

ECT and its affiliates (Environmental Consulting & Technology of North Carolina, PLLC, ECT Engineering, LLC) provide integrated engineering, science, and planning services that lead to environmental solutions for private- and public-sector clients. We are a 230-person employee-owned firm comprised of professional scientists, engineers, planners, landscape architects, and management consultants who listen to our clients' specific needs and develop sound solutions that accomplish project goals on time and on budget.

Established in 1988 with headquarters in Gainesville, Florida, ECT has grown to more than 20 offices located in 9 states. ECT is licensed to operate in the State of Michigan as shown in **Attachment A**. This project will be performed with staff assigned to our Detroit office. ECT does not envision using subcontractors on this project.

ECT provides a wide range of planning, permitting, science-based and engineering services in the fields of water resource and natural resource management, regulatory compliance, sustainability, and site assessment and remediation. We have been providing MS4 permitting support to our public sector clients in the State of Michigan since 1999. This experience includes MS4 stormwater management plan development, water quality sampling, illicit discharge outfall screening and investigations, and development of alternative plans to comply with the MS4 permits. Our public sector permitting client sector includes cities, townships, villages, counties, road commissions and school districts. MS4 permitting for HCMA is akin to that for school districts, road commissions and counties who have numerous discrete properties located across several jurisdictions – some within and outside the urbanized area.

#### Local Office:

1155 Brewery Park Blvd, Suite 115  
Detroit, MI 48207  
313.963.6600

#### Main Office:

3701 Northwest 98<sup>th</sup> Street  
Gainesville, Florida 32606  
352.332.0444

Federal ID: 59-2921038

Incorporated in Delaware in 1988



## > B. Project Understanding and Project Experience

### B.1 UNDERSTANDING OF PROJECT AND TASKS

ECT understands that HCMA has developed Stormwater Management Plans (SWMPs) for each of the Metroparks as part of an asset management grant from the State. These plans identify stormwater infrastructure features that are within and outside of the area that is regulated under by the MS4 permit. As such, ECT understands that only some of these features are regulated by the permit. In an earlier phase of the project, ECT narrowed down the eight parks that may have outfalls regulated by the MS4 permit. As stated in the RFP these parks are Lake St. Clair, Oakwoods, Willow, Lower Huron, Lake Erie, Stony Creek, Kensington, and Delhi Metroparks.

ECT is tasked with the following:

- Identifying the stormwater features from the SWMPs that are within the Urbanized Area and that are potentially outfalls regulated under the MS4 permit;
- Locating the outfalls in the field (63 outfalls are assumed per the RFP);
- Screening the outfalls for suspicious discharges during dry weather; and
- Preparing a report of the findings.

ECT's approach for completing the work is to use the knowledge gained in our current HCMA project as a foundation for completing the scope of work. The outfall screening procedure will be based on HCMA's current IDEP plan to ensure permit compliance is maintained. We will also utilize previously developed procedures to address submerged outfalls and to determine if a feature is a regulated stormwater outfall.

### B2. PROJECT EXPERIENCE

ECT's MS4 clients include the Macomb County Road Commission (now the Department of Roads), several school districts, Macomb, Oakland and St. Clair counties, Henry Ford College, University of Michigan-Dearborn, Wayne County Airport Authority and the following cities, villages, and townships:

|                  |                      |                 |                      |
|------------------|----------------------|-----------------|----------------------|
| Beverly Hills    | Village of Franklin  | Melvindale      | Rochester Hills      |
| Bingham Farms    | Garden City          | Northville      | Southfield           |
| Birmingham       | Grand Rapids         | Northville Twp. | St. Clair            |
| Bloomfield Hills | Grosse Pointe        | Novi            | St. Clair Shores     |
| Bloomfield Twp.  | Grosse Pointe Shores | Oak Park        | Troy                 |
| Canton Twp.      | Inkster              | Orchard Lake    | Walled Lake          |
| Dearborn Heights | Lathrup Village      | Plymouth        | Wayne                |
| Farmington       | Livonia              | Plymouth Twp.   | Westland             |
| Farmington Hills | Marysville           | Redford Twp.    | West Bloomfield Twp. |

Below are three example projects and client references to give HCMA a sense of our capabilities with the scope of work.

## HCMA MS4 PERMITTING, JANUARY 2022-PRESENT

ECT reviewed HCMA's current database of stormwater features and MS4 permit application as part of an effort to reapply for permit coverage. This included overlaying the stormwater features with the urbanized area in order to determine the extent of permit coverage. The resulted in six parks likely being eliminated from permit coverage. The resulting information is the basis of this RFP and is summarized in the table below.

ECT also reviewed HCMA's 2016 MS4 Application Package and provided recommendations to fine tune it. **This allowed us to understand HCMA's current IDEP plan which is critical to keeping HCMA in compliance with the MS4 permit.**

In addition, ECT developed procedures to screen submerged outfalls and determine if an outfall is regulated. Both procedures will be used in the current scope of work.

### Client Reference

Mike Henkel  
Chief Engineer, HCMA  
(o): (810) 494-6057  
[Mike.Henkel@metroparks.com](mailto:Mike.Henkel@metroparks.com)

| Metropark     | Location       | Park Area (acres) | Portion of Park in Urbanized Area (UA) (approx) | Structures in UA from SWMPs |
|---------------|----------------|-------------------|---|-----------------------------|
| Lake St Clair | Harrison Twp   | 755               | 100%  | 32                          |
| Oakwoods      | Flat Rock      | 1506              | 100%  | 7                           |
| Willow        | New Boston     | 1651              | 50%   | 2                           |
| Kensington    | Brighton       | 4542              | 10%   | 2                           |
| Lower Huron   | Belleville     | 1213              | 40%   | 8                           |
| Stony Creek   | Shelby Twp     | 4418              | 10%   | 3                           |
| Delhi         | Ann Arbor      | 81                | 80%   | 9                           |
| Lake Erie     | Brownstown Twp | 1315              | 2%  | 0                           |
| <b>Total</b>  |                |                   |   | <b>63</b>                   |

## ALLIANCE OF ROUGE COMMUNITIES MS4 PERMITTING, OAKLAND, WAYNE AND WASHTENAW COUNTIES, 2015-PRESENT

ECT prepared 29 MS4 permit applications for cities, townships, and villages in the Rouge River Watershed to retain coverage under the State of Michigan's National Pollutant Discharge Elimination System (NPDES) program. This included completing site surveys of over 100 municipal owned properties for its potential impact on stormwater, preparing standard operating procedures for pollution prevention, street sweeping, spill response, catch basin cleaning, and outfall surveys.

ECT developed four collaborative plans to ease compliance with regulations, while providing a greater benefit to the river at a lower cost: illicit discharge elimination (IDEP), public education, public participation, and TMDL plans. These plans outline best management practices (BMP), an implementation schedule, responsible parties for each BMP, a plan for monitoring effectiveness, and milestones for improving water quality focused on *E. coli*, suspended solids, and dissolved oxygen.

Beyond planning efforts, ECT is implementing the collaborative plans on behalf of the ARC members. For IDEP, **ECT conducted an evaluation of 2,310 stormwater features to determine if**



**they were regulated outfalls. This resulted in elimination of 35% (816) of the features.** ECT evaluated and prioritized the remaining 1,504 outfalls for screening. We screened 471 outfalls and identified suspicious discharges at 45 of the outfalls. We are in the process of investigating the suspicious discharges. Through 2021, our work has led the discovery of 28 illicit connections – most of these were sewage-related.

This work is being done on behalf of the Alliance of Rouge Communities (ARC), a 501(c)(3) nonprofit organization consisting of local municipalities, counties, educational institutions, and stewardship groups working together to restore the Rouge River. It was funded by ARC member dues and grant funding from Michigan’s stormwater, asset management, and wastewater (SAW) program.

### Client Reference

Doug Moore

ARC Chair and Superintendent of Livonia Department of Public Services

(o): (734) 466-2617

[dmoore@ci.livonia.mi.us](mailto:dmoore@ci.livonia.mi.us)

## CITY OF ST. CLAIR SHORES MS4 PERMITTING, 2002-PRESENT

The City of St. Clair Shores is served by both separate stormwater and combined sewer systems; therefore, only a portion of the city is required to maintain MS4 permit compliance. ECT has assisted the city this compliance since 2002. In this role, we have

- Completed their permit applications (2000, 2003, 2008, 2016)
- Developed permit-supporting procedures including ones for IDEP, TMDL, good housekeeping/pollution prevention, enforcement, and post construction stormwater management
- **Prioritized their outfalls/discharge points for screening**
- **Completed several rounds of outfall screenings**
- Conducted wet weather sampling to comply with the TMDL requirement
- Collaborated with Clinton River Watershed Council on public education programs
- Completed several progress reports to the state
- Supported the city during MS4 audits

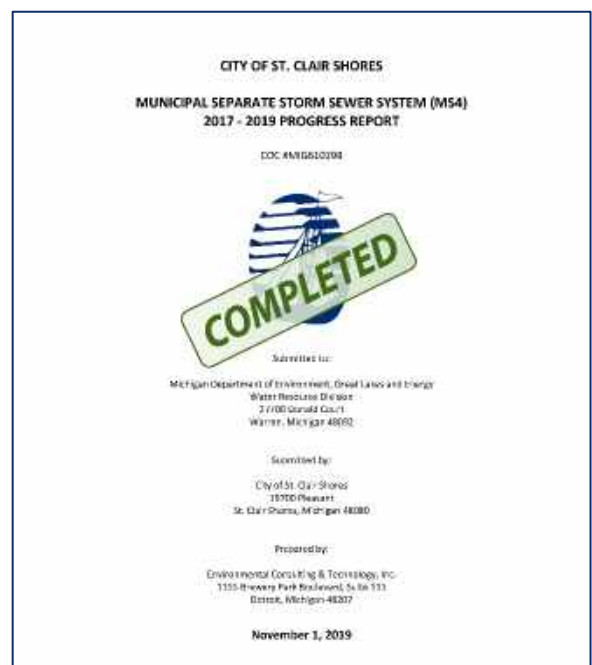
### Client Reference

Bryan Babcock

St. Clair Shores Department of Public Works Director

(586) 445-5363 ext.1605

[babcockb@scsmi.net](mailto:babcockb@scsmi.net)



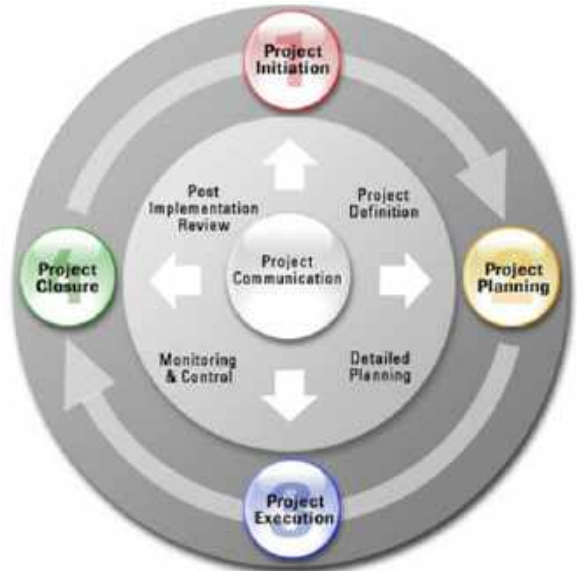
## > C. Management Summary, Work Plan and Schedule

### MANAGEMENT SUMMARY

ECT's project manager, Annette DeMaria, will lead all communications with HCMA. Given an anticipated quick turnaround time, she anticipates leading biweekly/monthly web calls with the HCMA to provide updates and resolve outstanding questions.

Ms. DeMaria prides herself on her ability to manage and exceed client expectations. She will stay ahead of project issues by having routine succinct project meetings/calls with project staff and HCMA. During these calls, she is always trying to forecast problems before they arise. We do this not to alarm our clients, but rather to help us solve problems before they impact budget and schedule. Any project issues that will arise will be handled directly with the impacted parties in a straightforward and honest manner.

With 90% of staff working remotely, ECT uses MS Teams® to keep in close contact with our project teams and clients, no matter their working locale. Meetings are held with "cameras on" as if we were in the same room. This allows us to read body language which is a level of communication lost during standard phone calls. MS Teams® allows for screen sharing and remote mouse control which are extremely helpful communication tools.



### WORK PLAN

#### 1. Planning

- ECT already has the GIS data for the stormwater features included in the SWMPs. We will convert the location data to a kml file and upload to a mobile device. This will be used to locate the outfalls in the field.
- ECT will gather field supplies needed to conduct the outfall screenings. This will include a GPS to located additional outfalls (if encountered), measuring tape, camera, pH meter, ammonia and surfactant sampling kits, and sampling bottles.

#### 2. Field Screening Procedure

- ECT will visit each of the 63 stormwater features referenced in the RFP during dry weather conditions (previous 48 hrs of no rainfall). We will determine if it is a regulated outfall based on the area draining to it (Is it altered? Is it owned by HCMA?) and its location within the storm drain network (only the most downstream structure is the regulated outfall). ECT will identify any outfall whose ownership is questionable. This will be based on the outfall location and size.
- If outfalls are encountered that were not previously identified, they will be located with a GPS.
- Outfalls that are submerged will be addressed as outlined in the Submerged Outfall Procedure included as **Attachment B**.

- If the structure is a regulated outfall, it will be screened for illicit discharges based on the procedures outlined in Task 1.2 of HCMA's Illicit Discharge Elimination Plan (IDEP), dated August 2016\*. This will include water clarity, color, and odor; the presence of suds, oil sheens, sewage, floatable materials, bacterial sheens, algae, and slimes; staining of streambanks; unusual vegetative growth; and undocumented connections. These characteristics will be documented on an outfall screening form (**Attachment C**). In addition, each regulated outfall will be photographed.
- If flow is observed in the outfall during the field visit, the flow will be sampled to determine if the flow is natural base flow. This sampling includes pH, ammonia, surfactants, temperature, and *E. coli* according to Task 1.2 of HCMA's IDEP. Ammonia and surfactants will be tested with colorimetric field kits, and pH and temperature will be tested with a field meter.
- At the end of each day, *E. coli* samples will be transported to one of two laboratories: the lab at Oakland University (sometimes operated out of Lake St. Clair Metropark) or Paragon Labs in Livonia.
- ECT will update the GIS layer to include only MS4-regulated outfalls. Besides location, the layer will include a unique ID, outfall type and size.

\*It is important that field screening be completed in compliance with HCMA's existing IDEP Plan to maintain compliance with the MS4 Permit. This dictated the sampling parameters included in our scope of work.

### 3. Final Report

- ECT will summarize the field screening results in a report which will include recommendations for follow-up investigations on any suspicious discharges.
- The draft report will be provided to HCMA for review and comment. Comment will be addressed, and the report will be finalized for submission to the State.

### 4. Communications

- ECT will participate in four web-based calls with HCMA. This includes a kickoff call, two progress calls and a call to discuss the final report.

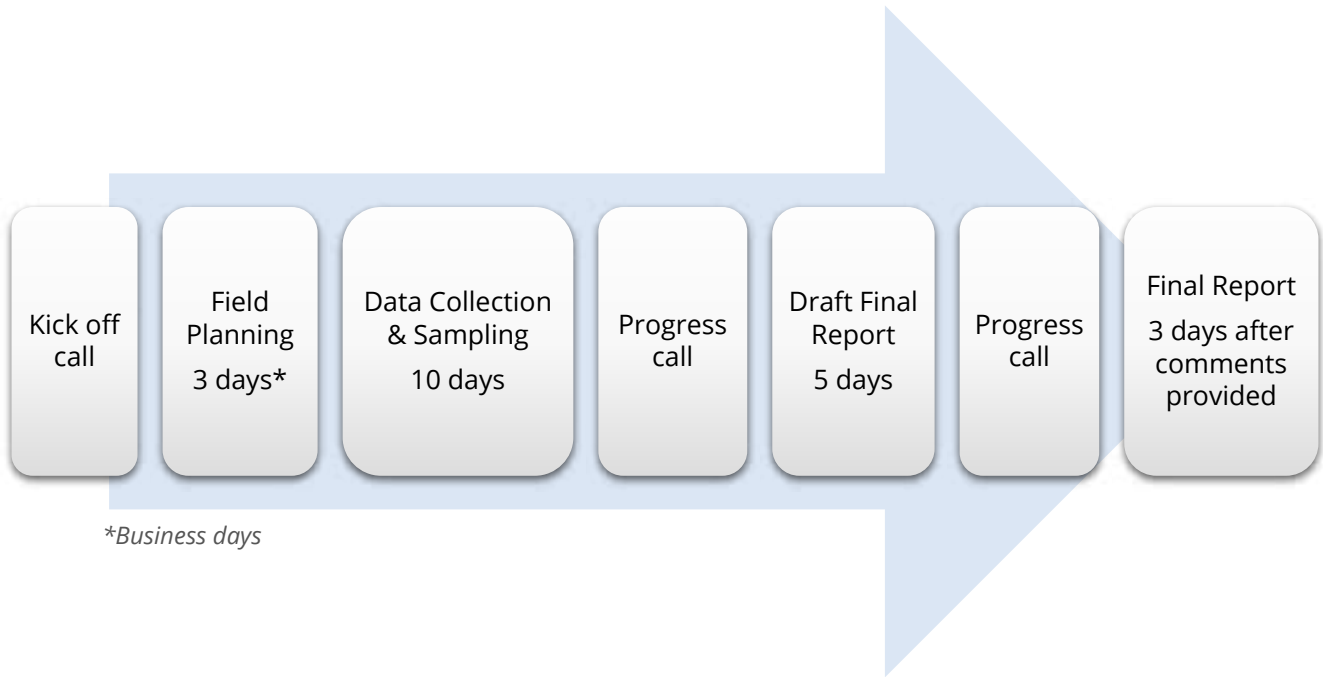
### DELIVERABLES:

- GIS data layer of MS4-regulated outfalls
- Final report of outfall screening results



## PRELIMINARY SCHEDULE

ECT anticipates that the scope of work can be completed within 5 weeks of the kickoff meeting as indicated in the preliminary schedule below. This should be considered the most optimistic timeline because the actual schedule will depend on having sufficient dry weather conditions to perform the field work.



## > D. Personnel

This project will be led by Annette DeMaria, who is a certified Project Management Professional (PMP), certified Industrial Stormwater Operator (MI), and a registered Professional Engineer (MI) with 20 years of MS4 permitting experience. Ms. DeMaria will be supported by Emily Levine who has 10 years of consulting experience. Their biographies are listed below, and abbreviated resumes are included as **Attachment D**.

**Annette DeMaria, P.E., PMP, Project Manager and MS4 Permitting Lead:** Ms. DeMaria is a principal engineer in ECT's Detroit office with 24 years of consulting experience. Her technical focus areas include municipal separate storm sewer system (MS4) permit compliance where she manages NPDES permits for numerous communities in Southeast Michigan. In this role, she has led the development of 22 Stormwater Management Plans (SWMP) since 2016 that serve as community MS4 permit applications. This work included prioritizing facilities based on their potential to impact stormwater, preparation of stormwater pollution prevention plans for high priority municipal facilities, review of municipal ordinances for compliance with MS4 requirements, development of a template IDEP ordinance, leading illicit discharge investigations, and overseeing water quality sampling, outfall screenings and progress reporting.

Ms. DeMaria serves as Executive Director of the Alliance of Rouge Communities (ARC), an organization of 38 MS4 permittees in the Rouge River Watershed whose purpose is to provide collaborative approaches for meeting the requirements of the MS4 permit in manner that best improves water quality. In this role, Ms. DeMaria has led communications with a variety of municipal and regulatory staff to gain buy-in on the ARC's alternative approaches to MS4 permit compliance. She authored the Rouge River Collaborative IDEP and TMDL plans which outline the activities and responsible parties for complying with these permit elements. She has also expanded the ARC's cooperation with other regional agencies (Ex: Southeast Michigan Council of Governments, Great Lakes Water Authority, Friends of the Rouge, etc.) to benefit the Rouge River.

### **Emily Levine, MS4 Permitting Support**

Ms. Levine is an environmental scientist with ten years of environmental consulting experience. Her focus has been municipal separate storm sewer system (MS4) permit compliance where she manages NPDES permits for numerous communities in Southeast Michigan. This has involved the planning and execution of IDEP investigations, wet weather sampling for TMDL compliance, progress reporting, and assisting communities in complying with permit audits conducted by EGLE. Ms. Levine serves as Program Management Assistant for the Alliance of Rouge Communities (ARC), an organization of 38 MS4 permittees in the Rouge River Watershed whose purpose is to provide collaborative approaches for meeting the requirements of the MS4 permit in a manner that best improves water quality. Prior to joining ECT, Ms. Levine's experience included environmental permitting, MS4 compliance work for communities, scientific report compilation, environmental field work, environmental education, and stakeholder engagement.

## > E. Budget Review

The proposed budget was not provided in the RFP, so ECT cannot comment on its adequacy to complete the scope of work.

## > F. References

Client references are provided in Section B2.

**PART II**

**COST PROPOSAL**

## > G. Cost Proposal

Environmental Consulting & Technology, Inc. has developed a cost estimate for the project work based on our understanding of the RFP. The total budget is \$27,950 as presented below.

| Labor                             |       | 1. Planning |                | 2. Data Collection |                 | 3. Reporting |                | 4. Communications |                 | Total |                 |      |          |
|-----------------------------------|-------|-------------|----------------|--------------------|-----------------|--------------|----------------|-------------------|-----------------|-------|-----------------|------|----------|
|                                   |       | Hourly      | Hrs            | Cost               | Hrs             | Cost         |                | Cost              | Hrs             | Cost  | Hrs             | Cost |          |
| <b>Professional Services</b>      |       |             |                |                    |                 |              |                |                   |                 |       |                 |      |          |
| A. DeMaria, Principal Engineer    | \$225 | 2           | \$450          | 12                 | \$2,700         | 6            | \$1,350        | 8                 | \$1,800         | 28    | \$ 6,300        |      |          |
| E. Levine, Associate Scientist II | \$120 | 12          | \$1,440        | 80                 | \$9,600         | 30           | \$3,600        | 6                 | \$720           | 128   | \$15,360        |      |          |
| R. McKenna, Sr. Technician        | \$85  |             | \$0            | 20                 | \$1,700         |              | \$0            |                   | \$0             | 20    | \$ 1,700        |      |          |
| <i>Labor Subtotal</i>             |       |             |                | 14                 | \$1,890         | 112          | \$14,000       | 36                | \$4,950         | 14    | \$2,520         | 176  | \$23,360 |
| <b>Other Direct Costs</b>         |       |             |                |                    |                 |              |                |                   |                 |       |                 |      |          |
| <u>Equipment</u>                  |       | Daily       |                |                    |                 |              |                |                   |                 |       |                 |      |          |
| Sampling fee (field kits)         | \$40  |             | \$0            | 7                  | \$280           |              | \$0            |                   | \$0             |       | \$280           |      |          |
| GPS                               | \$75  |             | \$0            | 7                  | \$525           |              | \$0            |                   | \$0             |       | \$525           |      |          |
| Field truck                       | \$125 |             | \$0            | 7                  | \$875           |              | \$0            |                   | \$0             |       | \$875           |      |          |
| <u>Analytical</u>                 |       |             |                |                    |                 |              |                |                   |                 |       |                 |      |          |
| E. coli                           | \$40  |             | \$0            | 32                 | \$1,280         |              | \$0            |                   | \$0             |       | \$1,280         |      |          |
| <i>ODC Subtotal</i>               |       |             | \$0            |                    | \$2,960         |              | \$0            |                   | \$0             |       | \$2,960         |      |          |
| ODC markup                        | 10%   |             | \$0            |                    | \$296           |              | \$0            |                   | \$0             |       | \$296           |      |          |
| Contingency for Unknowns          |       |             |                |                    |                 |              |                |                   |                 |       | \$1,334         |      |          |
| <b>TOTAL COST</b>                 |       |             | <b>\$1,890</b> |                    | <b>\$17,256</b> |              | <b>\$4,950</b> |                   | <b>\$ 2,520</b> |       | <b>\$27,950</b> |      |          |

The assumptions associated with the budget are as follows:

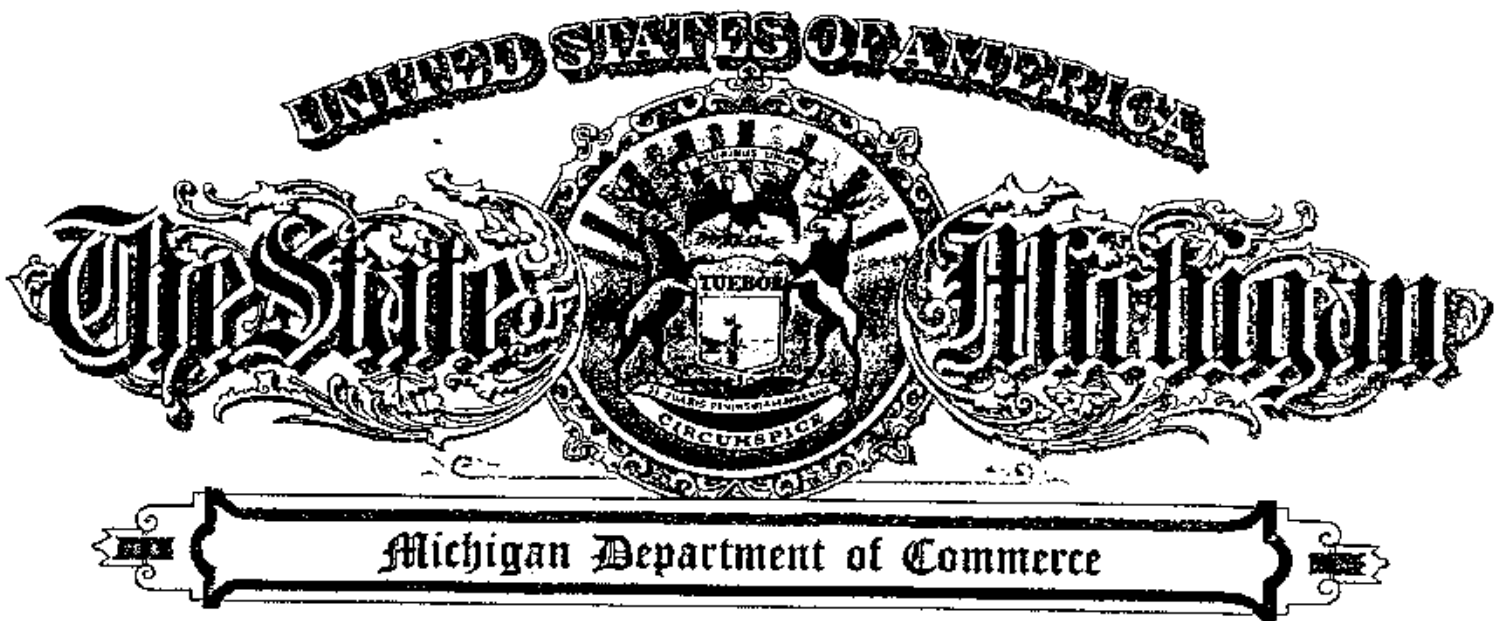
- 63 structures will be field verified based on the information in the SWMPs. Seven days of field work is presumed.
- Field staff will identify and screen additional structures that are in the vicinity of the 63 structures, but they will not go out of their way to locate additional structures. No more than 10 additional structures are assumed.
- Less than 50% of the structures will have flow and require sampling.
- Field kits and meters will be used to assess pH, temperature, ammonia and surfactant levels.
- The stormwater structures will be somewhat easy to locate because they were just inventoried in the past few years.

The labor rates above include all direct and indirect costs except reimbursables. Indirect costs include such items as overhead, profit, and such statutory and customary fringe benefits as social security contributions, sick leave, unemployment, excise and payroll taxes, worker's compensation, health and retirement benefits, bonuses, annual leave, and holiday pay.



## Attachment A:

# MICHIGAN CORPORATE AUTHORITY CERTIFICATE



Lansing, Michigan

*This is to Certify That An Application for a Certificate of Authority of*  
ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.

*a corporation existing under the laws of the State of* DELAWARE

*to transact business in Michigan was duly filed in this office on the* 30TH *day of*

AUGUST 19 89 *in conformity with Act 284, Public Acts of 1972, as*

*amended, and said corporation is authorized to transact in this State any business of the character set forth in its application. The authority shall continue as long as said corporation retains its authority to transact such business in the jurisdiction of its incorporation and its authority to transact business in this State has not been surrendered, suspended or revoked.*

*In testimony whereof, I have hereunto set my hand and affixed the Seal of the Department, in the City of Lansing, this* 30TH *day of* AUGUST 19 89

*Doug Koo* Director  
3271359

(FOR BUREAU USE ONLY)

**FILED**

Date Received  
**AUG 28 1989**

**AUG 30 1989**

ADMINISTRATOR  
MICHIGAN DEPARTMENT OF COMMERCE  
Corporation & Securities Bureau

CORPORATION IDENTIFICATION NUMBER

652-102

**APPLICATION FOR CERTIFICATE OF AUTHORITY  
TO TRANACT BUSINESS OR CONDUCT AFFAIRS IN MICHIGAN**

For use by Foreign Corporations

(Please read instructions and Paperwork Reduction Act notice on last page)

Pursuant to the provisions of Act 284, Public Acts of 1972, as amended (profit corporations) or Act 162, Public Acts of 1982, as amended (nonprofit corporations), the undersigned corporation executes the following Application:

1. The name of the corporation is:

Environmental Consulting & Technology, Inc.

2. (Complete this item only if the corporate name in item 1 is not available for use in Michigan)

The assumed name of the corporation to be used in all its dealings with the Bureau and in the transaction of its business or the conduct of its affairs in Michigan is:

3. It is incorporated under the laws of Delaware. The date of its incorporation is December 15, 1988, and the period of its duration (corporate term) is perpetual.

4.a. The address of the main business or headquarters office of the corporation is:

5200 Newberry Road, Suite E-1 Gainesville FL 32607  
(Street Address) (City) (State) (ZIP Code)

b. The mailing address if different than above is:

P.O. Box 8188 Gainesville FL 32605-8188  
(Street Address) (City) (State) (ZIP Code)

## Attachment B:

# EXAMPLE OUTFALL SCREENING FORM

# Outfall Screening Form

Date: \_\_\_\_\_ Field Crew: \_\_\_\_\_  
 Weather: \_\_\_\_\_

## 1) IDENTIFICATION:

Outfall ID: \_\_\_\_\_ Size: \_\_\_\_\_ Material: \_\_\_\_\_  
 Submerged? \_\_\_\_\_  
 Surveyed Structure: \_\_\_\_\_ Receiving Water: \_\_\_\_\_  
 (if outfall submerged)  
 Location: \_\_\_\_\_

## 2) OBSERVATIONS: (Circle all that apply)

Structure Damage: None Cracking Spalling Corrosion Other  
 Describe: \_\_\_\_\_  
 Staining: \_\_\_\_\_  
 Vegetation (circle one): None Inhibited Excessive  
 Describe: \_\_\_\_\_

Flow Depth (in): \_\_\_\_\_

(Circle all that apply)

Odor: None Sewage Detergents Sulfide Oil/Gas Rancid-Sour  
 Other: \_\_\_\_\_  
 Color: None Gray Black Green Brown Other: \_\_\_\_\_  
 Turbidity: None Cloudy Opaque  
 Floatables: None Sewage Oil Sheen Algae Other: \_\_\_\_\_  
 Deposits: None Sediment Other: \_\_\_\_\_  
 Additional Observations: \_\_\_\_\_

## 3) ANALYSES:

|               |  |            |                 |
|---------------|--|------------|-----------------|
| E. coli:      |  | MPN/100 ml |                 |
| Temperature:  |  | °F         | Equipment used: |
| Conductivity: |  | µS/cm      | Equipment used: |
| pH Value:     |  |            | Equipment used: |
| Ammonia:      |  | ppm        | Equipment used: |
| Detergents:   |  | ppm        | Equipment used: |

## 4) PHOTOGRAPH

Photo ID: \_\_\_\_\_

## 5) COMMENTS:



## Attachment C:

# SUBMERGED OUTFALL SAMPLING PROCEDURE

## > Submerged Outfall Sampling Procedure

### INTRODUCTION

When sampling outfalls for illicit discharges, sometimes the outfalls can be submerged in the receiving water (Exhibit 1). In this instance, it is not useful to sample from such an outfall because the receiving water will impact the results. Therefore, it is necessary to follow the storm drain upstream and collect a sample at the manhole closest to the outfall that is not impacted by the receiving water. If available, a map showing the storm drain and manholes should be consulted to identify manhole locations.

### PROCESS

1. Identify the submerged outfall.
2. Consult the storm drain system map.
3. Move to the next upstream manhole closest to the outfall. Only sample from that manhole if water is flowing towards the outfall. Collect the sample trying not to disturb any sediments that may be accumulated in the manhole. Note the manhole ID and inlet (if applicable) where the sample was collected.
4. If water is flowing from an inlet into standing water (Exhibit 2), then it may be possible to isolate water coming only from the inlet. If this is possible, sample the inlet.
5. If there is stagnant water in the upstream manhole and inlets are submerged, then continue to the next upstream manhole. Do not sample stagnant water.
6. Evaluate the next upstream manhole and collect a sample if water is flowing towards the outfall.
7. If manholes continue to have stagnant water, then continue moving upstream until there is either water flowing towards the outfall or no water in the manhole.
8. If the drain diverges in more than one direction, follow it in the direction that appears to have the largest drainage area.
9. If the last manhole on the drain contains stagnant water, then do not collect a sample for that drain.



Exhibit 1. Example of Submerged Outfall



Exhibit 2. Example inlet draining to standing water. If standing water can be avoided, sample from the inlet.

**Attachment D:**

**STAFF RESUMES**

# > Annette DeMaria, P.E., PMP

## Principal Engineer

Ms. DeMaria, P.E., is a principal engineer in ECT's Detroit office with 24 years of consulting experience. Her areas of technical specialization include:

- Certified Project Management Professional (PMP) with \$9.2 million in revenue;
- Storm and water quality monitoring – projects totaling more than \$2 million;
- Beach sanitary surveys and E. coli source identification – oversees the restoration of beaches for water quality improvements;
- Municipal stormwater permitting – manages permits for more than 20 communities; and
- Illicit discharge elimination – oversees and conducts the identification of illicit connections - more than 200 identified.

### EXPERIENCE

#### **Alliance of Rouge Communities (ARC) | Municipal Stormwater Permitting | Southeast Michigan**

Providing technical and administrative leadership for the ARC, an alliance of 35 municipalities in the Rouge River watershed that collaborates on municipal stormwater permit compliance. From an organizational standpoint, this includes work plan development and budgeting; outreach and communication with regulators, elected officials, municipal staff, and the public to promote the ARC's goals; development and compliance with policies to maintain and solidify the organizational structure of the ARC; meeting facilitation to ensure open communication with members; and establishing partnerships with regional agencies to grow the impact of the ARC. Technically, this includes an excellent understanding of MS4 permit requirements, stormwater management planning, stormwater permit compliance, water quality monitoring, illicit discharge elimination, public education, total maximum daily load assessments and securing grant funding.

#### **Alliance of Rouge Communities (ARC) | Pollutant Reduction Plan Development | Southeast Michigan**

Prepared pollution reduction plans to comply with MS4 permit requirements. This included development and implementation of a collaborative Illicit Discharge Elimination and Total Maximum Daily Load plans to reduce bacteria and suspended sediment contamination in the river. This included review of water quality data, summarizing existing conditions and load allocations, establishment of priority area criteria, identification of BMPs that would result in pollution reduction and the associated responsible parties, establishment of metrics to track progress, development of cost estimates to execute the plans, stakeholder outreach, and communication with regulators to ensure the plans met upcoming permit requirements



### EDUCATION

B.S., Environmental Health—  
Oakland University, 1995

B.S., Chemical Engineering—Wayne  
State University, 2000

### REGISTRATIONS/CERTIFICATIONS

Project Management Professional.  
No. 2272949

Professional Engineer, Michigan.  
No. 6201056031

OSHA HAZWOPER 40-hour and 8-  
hour refresher training

Certified Soil Erosion  
Sedimentation Control Supervisor,  
Michigan

Certified Confined Space Entry  
Supervisor, Entrant, and Attendant

Certified Industrial Stormwater  
Operator, Michigan

Certified Construction Stormwater  
Operator, Michigan

### AREAS OF EXPERTISE

Municipal Stormwater Permitting  
Water Quality Monitoring  
TMDL Assessments  
Illicit Discharge Detection  
Grant Preparation  
Green Infrastructure Planning  
Detroit Drainage Charge  
Assessments

# >Annette DeMaria, P.E., PMP

## Principal Engineer

Page 2

### **ARC | Stormwater Permit Application Preparation | Southeast Michigan**

Oversaw the development of MS4 permit applications for 29 communities in the Rouge River watershed. Developed a collaborative illicit discharge elimination and TMDL implementation plans as an alternative, cost-effective approach to permit compliance. Completed technical review of 16 permit application packages, which included review and comments on several standard operating procedures: spill response, good housekeeping and pollution prevention, enforcement procedures, and construction and post-construction stormwater management.

ARC | Water Quality Monitoring | Southeast Michigan Oversaw a year-long water quality monitoring effort in the Rouge River watershed. This included development of a sampling plan, 20 weeks of data collection, and sampling for dissolved oxygen, bacteria, and suspended solids. Provided technical review of the final report and prepared the executive summary and conclusions.

### **Cities of St. Clair, St. Clair Shores and Grosse Pointe | Phase II Stormwater Support | St. Clair, St. Clair Shores and Grosse Pointe, MI**

Oversaw the development of National Pollutant Discharge Elimination System (NPDES) permit applications to maintain compliance with municipal stormwater regulations. This included the development of several standard operating procedures for pollution prevention, public education, IDEP, post construction stormwater control, soil erosion control, and TMDL implementation. Oversaw the development of progress reports, IDEP implementation, and provided guidance on collaborative public education activities.

### **Numerous Municipal Clients in Michigan | Phase II Stormwater Support | Southeast Michigan**

Prepared and obtained approval from MDEQ for NPDES permit applications for the counties of Macomb, Oakland, and St. Clair; the cities of Bloomfield Hills, Eastpointe, Farmington, Fraser, Grosse Pointe, Grosse Pointe Park, Lathrup Village, Novi, Rockwood, Roseville, and St. Clair Shores; the villages of Beverly Hills, Bingham Farms, Franklin, and Grosse Pointe Shores; and the townships of Chesterfield and Southfield. Also prepared IDEP, public education materials, stormwater management plans, and permit-required policies and procedures for most of the communities.

### **St. Clair County Health Department | Anchor Bay E. coli TMDL Implementation Plan | St. Clair County, MI**

Prepared an implementation plan to address the bacteria impairments associated with a rural watershed. This included oversight of field reconnaissance activities to identify point and nonpoint sources, collaboration with local stakeholders, and recommendation of various best management practices to address the identified sources. Field activities included an E. coli sediment assessment, surveys of various open drains, and source investigations.

### **Oakland County Water Resources Commission | GWK Drain Water Quality Sampling and Total Maximum Daily Load (TMDL) Plan Development | Oakland County, MI**

Oversaw the sampling of the GWK Drain and its tributaries to determine the presence of illicit connections containing sewage. Analyzed E. coli and Human Bacteroides during wet weather conditions. Identified drains that contained a significant portion of sewage. Completed investigations for illicit discharges in the priority drains to comply with the county's stormwater permitting requirements. Currently, conducted first flush sampling to determine if sample collection timing changes the results found in Phase 1.

### **Southeast Michigan Council of Governments | Illicit Discharge Elimination Plan (IDEP) and Pollution Prevention/Good Housekeeping Training | Southeast Michigan**

Provided Illicit Discharge Alert Observer and Investigator trainings for hundreds of municipal employees in compliance with their municipal separate storm sewer system (MS4) permits. This included development of training materials and a desktop exercise designed to test the knowledge of the participants. Also oversaw the development of a training for pollution prevention and good housekeeping training for department of public works facilities.



# > Annette DeMaria, P.E., PMP

## Principal Engineer

Page 3

### **City of Southfield | Outfall Survey | Southfield, MI**

Oversaw the screening of storm sewer outfalls for the presence of illicit discharges in compliance with the city's MS4 permit. This included inspection and sampling of each outfall to determine if a suspicious discharge was present. Summarized field and *E. coli* results in a report, which identified outfalls that required additional investigations.

### **Road Commission Macomb County | IDEP | Macomb County, MI**

Developed IDEP plan for the project and oversaw field crews who (1) surveyed and inspected thousands of stormwater outfalls; (2) traced and identified sources of 100 illicit discharges within enclosed drains through sampling, dye testing, and televising; (3) provided client with referrals for sources of illicit connections; (4) constructed a database using Microsoft Access and ArcView GIS software to collect and manage the data, and (5) dye tested road commission facilities to locate potential illicit connections. Also provided training to road commission field staff to recognize the signs of and report illicit discharges.

### **Macomb County Public Works Office | IDEP | Macomb County, MI**

Led the county in fulfilling their Phase II stormwater requirements by implemented an IDEP. Oversaw the surveying of county drain outlets with the objective of identifying illicit connections to the storm drain system. Inventoried, located by GPS, and photographed outfalls. Tested suspicious discharges for various parameters including bacteria. Performed upstream sampling to locate the source of the suspected illicit connection.

### **Bear Creek Inter-County Drain Board | IDEP | Warren, Michigan**

Assisted the drain board in avoiding a lawsuit by preparing a work plan to locate the sources of bacterial contamination in an inter-county drain in Michigan. Implemented the work plan, which included segmenting the drainage area into smaller sub-basins and sampling the outlet of each basin during dry and wet weather. Performed upstream sampling on the *dirty* drains to narrow down the location of suspected illicit connections. Prepared a project description and results for the project website.

### **Oakland County Drain Commissioner's Office | IDEP | Oakland County, MI**

Initiated the IDEP in Oakland County, Michigan. Led the drain office staff in identifying illicit connections in the county's storm drain system. Inventoried, located by GPS, and photographed drain outlets. Tested suspicious discharges for various parameters including bacteria. Tracked the sources of numerous illicit discharges within the storm drain system and identified a sanitary sewer overflow and various illicit connections from residences and businesses. Compiled the field data to form a digital stormwater database.

### **ARC | Investigative Monitoring for E. coli TMDL Implementation | Southfield, Michigan**

Developed and implemented a sampling plan to identify sewage sources in two small urban subbasins. Interpreted *E. coli* and bacterial source tracking data (Human Bacteroidetes ID™ and Human Enterococcus ID™), which indicated that seepage from failing septic systems and illegal dumping of recreational vehicle waste was impacting the streams. Led outreach efforts with the local communities to address the suspected sources.

### **ARC | Rouge River Advisory Council (RRAC) Facilitation | Southeast Michigan**

Facilitated meetings of the RRAC who oversees the restoration of beneficial use impairments (BUIs) associated with the Rouge River Area of Concern. Assisted in the development of a report card that described the progress in remedying the BUIs. Assisted in identifying the projects that are needed in order to address the fish and wildlife habitat BUI. Provide grant administration services for the work that is funded by the Great Lakes Commission and the MDEQ Office of Great Lakes.

# > Emily Levine

## Senior Associate Scientist

Ms. Levine has seven years of experience in NPDES and environmental permitting, scientific report compilation, research, environmental field work, environmental education, and stakeholder engagement. She has performed environmental consulting for commercial clients, in addition to working as a task manager on federal contracts.

### EXPERIENCE

#### **National Pollutant Discharge Elimination System (NPDES) Permit Compliance | City of St. Clair | St. Clair, MI**

Conducted dry weather sampling and reporting for the Illicit Discharge Elimination Program (IDEP). Provided support for MS4 Permit audit. Advised City on stormwater management practices and compliance with audit recommendations.

#### **Municipal Separate Storm Sewer (MS4) Permit Compliance | City of St. Clair Shores | St. Clair Shores, MI**

Conducted dry weather sampling and reporting for the Illicit Discharge Elimination Program (IDEP). Planned and conducted wet weather sampling and reporting for TMDL compliance. Assisted with tracking progress for MS4 permit compliance.

#### **MS4 Permit Support | City of Grosse Pointe | Grosse Pointe, MI**

Assisted the City of Grosse Pointe with updating their progress report for their MS4 permit. Discussed stormwater management practices with the Public Services Supervisor. Submitted the progress report via MiWaters. Conducted dry weather sampling and reporting for the Illicit Discharge Elimination Program (IDEP). Provided support for MS4 Permit audit. Planned and conducted wet weather sampling and reporting for TMDL compliance.

#### **Environmental Support Services | Henry Ford College | Dearborn, MI**

Assisted Henry Ford College with updating their progress report for their MS4 permit. Discussed stormwater management practices with the Health and Safety Engineer. Submitted the progress report via MiWaters.

#### **Executive Director Services | Alliance of Rouge Communities | Michigan**

Assisted in management of ARC activities. Tasks included completion of Collaborative IDEP report, IDEP dry weather investigations, consulting ARC member communities on MS4 permit report submittal, compliance, and auditing.

#### **MS4 Support | City of Garden City | Garden City, MI**

Assisted the City of Garden City with updating their progress report for their MS4 permit. Discussed stormwater management practices with Department of Public Services Director. Submitted the progress report via MiWaters.

### EDUCATION

M.S., Environmental Science Policy and Planning Tract

University of Michigan

B.S., Environmental Science Policy and Management

University of Michigan

### CREDENTIALS

Michigan Industrial Stormwater Operator  
OSHA 30-hour course for General Industry  
HAZWOPER 40-hour training

### AREAS OF EXPERTISE

Watershed & Stormwater Management  
Soil, Sediment, Surface water & Groundwater Sampling  
Monitoring & Data Collection  
Global Positioning & Information Systems  
Environmental Site Assessments  
Environmental Permitting

# > Emily Levine

Senior Associate Scientist

Page 2

## **Upper Long Lake E. Coli Study | Bloomfield Township | Michigan**

Investigated the source of E. coli in Upper Long Lake by collecting wet weather stormwater samples and analyzing results.

## **Drinking Water Equipment Maintenance | SEMCOG | Michigan**

Performed maintenance and calibrations for twelve sondes used to monitor water quality at water treatment plants. Also monitored performance of the sondes and assisted with troubleshooting issues.

## **Total Maximum Daily Load (TMDL) Planning | Oakland County, Michigan**

Assisted with the installation, maintenance, and removal of flow meters, ISCO data loggers, and automatic water samplers in storm sewer manholes for the purpose of water quality monitoring. Coordinated field crew efforts and assisted in collecting stormwater samples during wet weather events, delivered samples to the lab, and analyzed final data.

## **Palmer Park Drinking Water Assessment | W.L. Bouchard & Associates, Inc. | Detroit, MI**

Collected tap water samples for testing for lead and copper contamination.

## **Rouge River Concrete Channel Soil and Sediment Sampling | U.S. Army Corps of Engineers (USACE)-Detroit District | Detroit, MI**

Conducted soil sampling using geotechnical drilling to collect soil samples up to 20 feet below the concrete channel that lines the Rouge River.

## **Clinton River Sediment Sampling | USACE- Detroit District | Detroit, MI**

Coordinated and led sediment sampling in the Clinton River. Sediment cores were retrieved at 32 locations in the Clinton River using a vibracore sampler. Cores were assessed and over 100 samples were collected and sent to a laboratory for analysis of PCBs and other metals.

## **Spill Prevention, Control and Countermeasure (SPCC) Plan | Magna International | Holly, MI**

Created a SPCC plan for a new plant that was being constructed. Plans for future uses, facility maps, likely sources of potential releases, and data for a backup power generator were considered when creating this plan.

## **Stormwater Pollution Prevention Plan (SWPPP) Reporting | Magna International | Holly, MI**

Conducted sampling of first flush stormwater runoff events. Completed monthly and quarterly reports for stormwater

quality monitoring. Updated the SWPPP as needed to remain in compliance with stormwater reporting requirements.

## **SPCC Plan | Bodycote | Romulus, MI**

Wrote and submitted an SPCC Plan for an industrial facility.

## **Vapor Intrusion Mitigation System, Gardenview Housing Development | AEM Group | Detroit, MI**

Oversaw installation of a vapor intrusion barrier and ventilation system. Installed vapor pins for the purpose of system prove-outs. Provided continued monitoring of vapor intrusion barrier and ventilation system. Trained apartment management company on how to continue with the system prove-out monitoring.

## **Vapor Intrusion Mitigation System, Clark Commons Housing Development | AEM Group | Flint, MI**

Assisted with design work for new construction and existing building retrofits with vapor intrusion concerns at four different sites. Communicated with clients regarding design needs, system prove-out plans, and plans for addressing potential system failures.

## **Stormwater Management Plan | Pittsfield Charter Township | Pittsfield Twp, MI**

Assisted in creating a stormwater management plan for the National Pollution Discharge System phase II compliance for Pittsfield Charter Township. Tasks included compiling information, creating new documents, increasing partnerships with other governmental agencies and non-governmental organizations, and designing a matrix for prioritizing stormwater management projects.



To: Board of Commissioners  
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance  
Subject: Report – Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award  
Date: June 3, 2022

**Action Requested: Motion to Receive and File**

That the Board of Commissioners receive and file the Healing the Huron River Headwaters, Consumers Energy Foundation Grant Award Report as recommended by Chief of Natural Resources and Regulatory Compliance and staff.

**Project Goal:** To restore the forested wetland and floodplain habitats that make up the headwater area of the Huron River, thereby improving its water quality and increasing the region's overall sustainability.

**Project Summary:** The Huron River flows about 125 miles from its headwaters northwest of Pontiac to its mouth at Lake Erie. Its mid-section is a state-designated natural river and its watershed touches most of southeast Michigan. Approximately 830 acres of forested wetland and floodplain habitats that make up the river's headwater area are located in Indian Springs Metropark with an additional 245 acres on the adjacent Michigan Nature Association (MNA) Timberland Swamp Nature Sanctuary.

These areas will be restored through invasive species removal, tree plantings, and native prairie/meadow plugs and seed plantings. This restoration will substantially improve important habitats that have been impacted by the loss of ash and oak trees and the subsequent expansion of invasive species to replace them. Community volunteers will aid in enhancing public access on existing trails through the construction of low-impact boardwalks that will be placed in seasonally wet areas of the rustic trail system.

Students, scout troops, and other volunteers will create and distribute native prairie seed balls. Volunteers will also aid in the collection of seed from intact park ecosystems guided by Metroparks staff. It is anticipated that about 300 community volunteers will engage in this project. Indian Springs Metropark is a 2,509-acre regional park that received about 225,000 visitors last year.

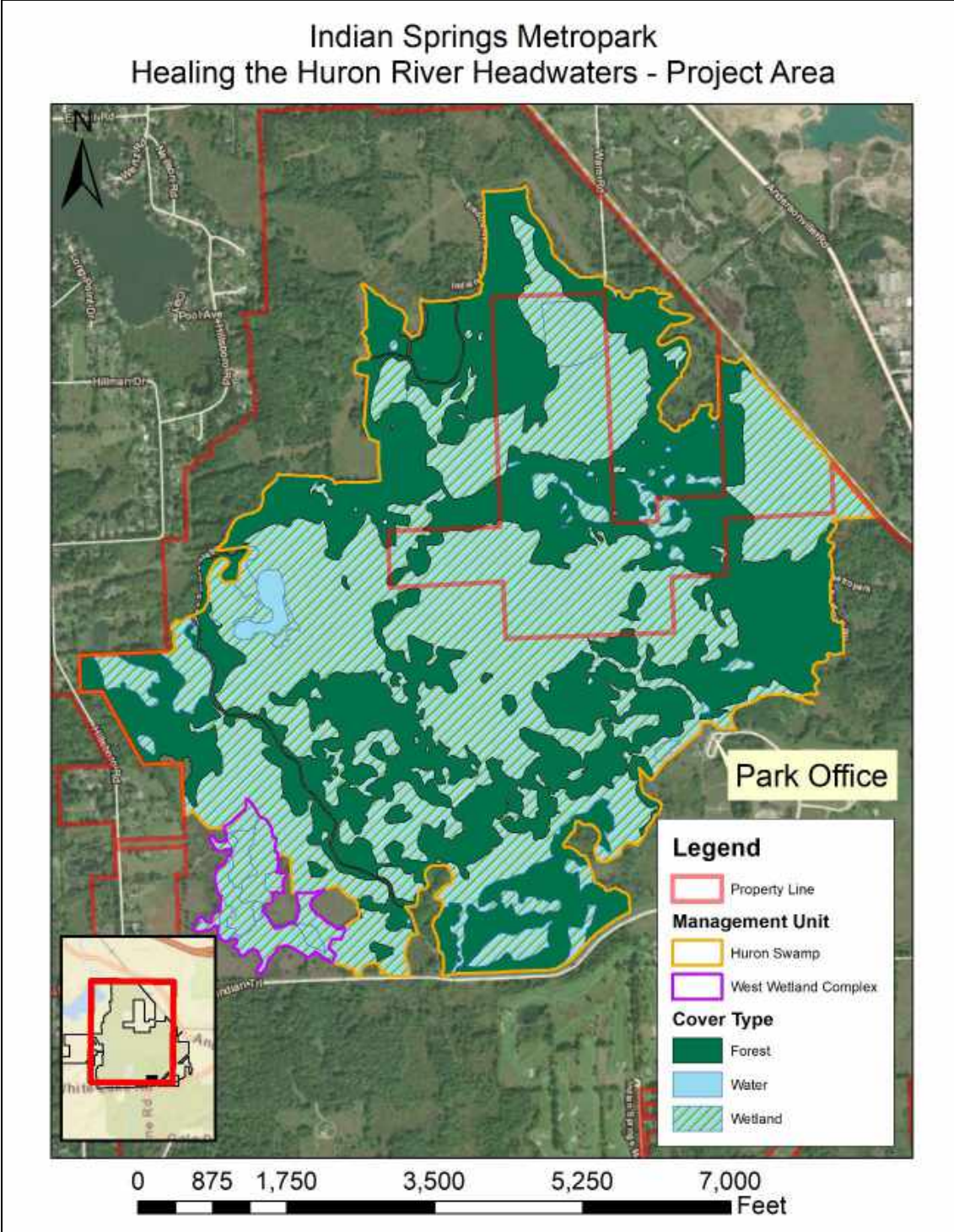
Several major components of this project were identified in the 2017 approved master plan for Indian Springs Metropark. Additionally, restoration goals and priorities were laid out in habitat management plans created by the Metroparks Natural Resources Department between 2009-2012. This project will accomplish major goals in the restoration of these habitats, improve access to rustic trails, and engage volunteers in these fantastic habitats.

**Funding provided:** Consumers Energy Foundation has provided \$100,000 of the original \$112,000 ask for project activities. These activities include \$100,000 of invasive species control, and plantings/restoration, \$5,000 in rustic trail improvements incorporating volunteers, \$5,000 for seed and plug materials for volunteer plantings, and \$2,000 in interpretive signage.



**Outcomes:** The primary outcomes of this project will be the removal of invasive species and restoration of habitat suffering from loss of complexity due to the outbreak of the emerald ash borer pest. This project will enhance native tree biodiversity in the Huron Swamp, and improve pollinator habitat in the adjacent West Wetland Complex. Additionally, the project will engage several hundred volunteers in these habitats and enhance visitors sense of place and highlight the unique character of Indian Springs Metropark.

**Project area map:**







To: Board of Commissioners  
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance  
Project No: 51218.239  
Project Title: Approval – Reallocation of Project Funds for Lake Erie Shoreline and Marsh Restoration project  
Location: Lake Erie Metropark  
Date: June 3, 2022

**Action Requested: Motion to Approve**

That the Board of Commissioners approve a reallocation of project funds in the amount of \$90,229.50 from Metroparks staff reimbursable time, to cover the project elements of permit fees, soil borings, and costs for grant required post-construction monitoring in the amount of \$14,861, and additional dredge work and coir pillow installation in the amount of \$75,368.50 as recommended by Chief of Natural Resources and Regulatory Compliance Tyler Mitchell and staff.

**Fiscal Impact:** Funding for the project is provided by the Great Lakes Commission (GLC) to support the Great Lakes Restoration Initiative (GLRI) with pass-through funds from the National Oceanic and Atmospheric Administration (NOAA). This project is supported with federal funds. Reallocation of these funds will reduce HCMA administrative reimbursable time from \$115,070 to roughly \$24,840.50.

**Background:** The Michigan Department of Natural Resources, Southeast Michigan Council of Governments, and the Great Lakes Commission approached the Huron-Clinton Metroparks to pursue funding for shoreline softening, fish habitat improvement and habitat monitoring.

This project will benefit numerous state and federal wildlife species, enhance both sport and non-sport fisheries, and provide enhanced water-based recreation opportunities. These outcomes will be accomplished by softening 1,183 linear feet of shoreline and the enhancement of approximately 1.7 acres of shallow water channels and pools. Shoreline softening will be located on the unused portion of the peninsula south of the wave pool and will include locations for shore fishing.

Channel enhancement will take place in the coastal marsh south of the boat launch. These channels will enhance the water trail connectivity and extend the length of the water trail and shallow water habitat. Shallow pools and channels will be dredged to a minimum of three feet below ordinary high-water level. These projects are part of the Metroparks strategic master plan for Lake Erie Metropark, which was approved by the Board at its regular meeting in February 2018. The original project and proposed budget was approved by the Board at its regular meeting in September 2018. The channel design award and archeological services award were approved by the Board at its regular meeting in November 2021 and February 2022 respectively.

**Attachments: Lake Erie Marsh Dredge Planset  
Lake Erie Shoreline and Fish Habitat Restoration approved budget**

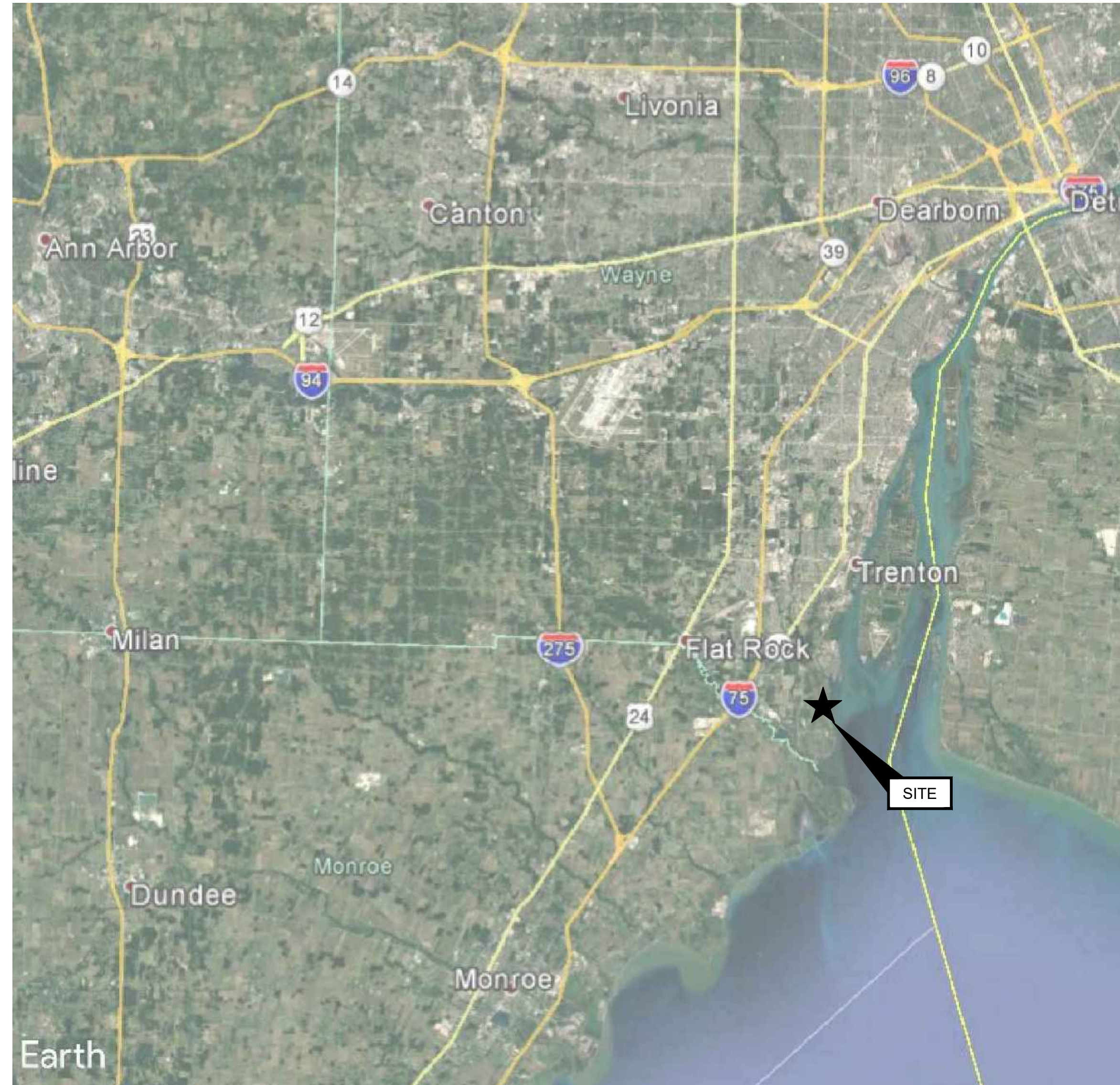


# LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

Project No. 51218.239

NOAA Grant No. NA16NMF4630341

## HURON-CLINTON METROPARK AUTHORITY



VICINITY MAP  
SCALE: N.T.S.



LOCATION MAP  
SCALE: N.T.S.



FOR CONSTRUCTION

### SHEET INDEX

|    |                                |
|----|--------------------------------|
| G1 | COVER SHEET                    |
| N1 | NOTES                          |
| C1 | EXISTING MARSH                 |
| C2 | SEDIMENT DEPTHS                |
| C3 | PROPOSE MARSH DREDGE PLAN      |
| C4 | PROPOSED MARSH DEWATERING PLAN |
| C5 | PROPOSED MARSH DREDGE SECTIONS |
| C6 | PROPOSED MARSH DREDGE SECTIONS |
| C7 | PROPOSED MARSH DREDGE SECTIONS |
| C8 | PROPOSED MARSH DREDGE PROFILES |
| C9 | DETAILS                        |

OWNER CONTACT:  
TYLER MITCHELL, CHIEF OF NATURAL RESOURCES AND REGULATORY COMPLIANCE  
HURON-CLINTON METROPARKS AUTHORITY, ADMINISTRATIVE OFFICE  
13000 HIGH RIDGE DRIVE  
BRIGHTON, MI 48114-9058 USA  
(808) 321-2634

ENGINEER CONTACT:  
SCOTT DIRKS, PE  
SENIOR WATER RESOURCE ENGINEER  
GEI CONSULTANTS  
9282 GENERAL DRIVE, SUITE 180  
PLYMOUTH, MI 48170

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |
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Attention:  
0 1"  
If this scale bar does not measure 1" then drawing is not original scale.



Designed: MS  
Checked: SD, BK  
Drawn: MS, HC, BN  
Submitted By: SD  
P.E. Number: 44371



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

COVER SHEET

DWG. NO.  
**G1**  
SHEET NO.  
01 OF 11



GENERAL NOTES:

1. SURVEY WAS COMPLETED BY SME; REFER TO SHEET NO. 3 (11-1-2019)
2. DRAWING BASED ON MICHIGAN STATE PLAN COORDINATES SYSTEM, SOUTH ZONE, INTERNATIONAL FEET. VERTICAL DATUM REFERENCED TO NAVD88.
3. THIS SURVEY WILL NOT SHOW ALL EASEMENTS OF RECORD NO TITLE POLICY HAS BEEN FURNISHED TO THE SURVEYOR BY THE OWNER.
4. THIS PROJECT IS SPLIT INTO TWO COMPONENTS: 1) THE MARSH DREDGING AND, 2) SHORELINE RESTORATION. CONTRACTOR SHALL BID ON MARSH DREDGING ONLY. SHORELINE RESTORATION WILL BE SELF-PERFORMED BY HCMA.

SEDIMENTATION & EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES, AS SPECIFIED ON THE DRAWINGS AS NECESSARY, AND AS REQUIRED BY THE PERMITS.
2. PERIMETER SOIL AN EROSION CONTROLS SHALL BE PLACED PRIOR TO ANY CONSTRUCTION ACTIVITIES. CONTRACTOR TO NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITIES ALL SOIL AND EROSION CONTROLS SHALL BE CHECKED AND REPAIRED AS NECESSARY BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL PROVIDE SUPPLEMENT EROSION CONTROL MEASURES TO PREVENT OFF-SITE TRANSPORT OF EARTH, SEDIMENT AND DEBRIS AS NECESSARY.
4. AREAS TO REMAIN UNSTABILIZED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDED AND MULCHED.
5. PERMANENT SEEDING SHALL BE OCCUR BETWEEN MARCH 1 AND JUNE 15, OR BETWEEN AUGUST 15 AND OCTOBER 15
6. ALL STOCKPILE AREAS SHALL BE SURROUNDED BY EROSION CONTROL BARRIERS UNTIL SUCH TIME AS THE MATERIAL IS RESPREAD AND STABILIZED OR TRANSPORTED OFF-SITE
7. SOILS TO BE STOCKPILED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE SURROUNDED BY EROSION CONTROLS, TEMPORARILY SEEDED AND MULCHED.
8. TEMPORARY STOCKPILES OF DREDGED/EXCAVATED MATERIAL SHALL BE LOCATED ON-SITE, WITHIN THE DESIGNATED AREA(S). ANY MATERIAL NOT RE-USED ON-SITE SHALL BE TRUCKED TO AN ACCEPTABLE OFF-SITE DISPOSAL LOCATION IN ACCORDANCE WITH THE PROJECTS PERMITS.
9. EROSION CONTROL MEASURES SHALL BE INSPECTED DAILY AND DURING AND AFTER EVERY RAIN EVENT. ANY NECESSARY REPLACEMENT OR REPAIR SHALL BE PERFORMED PROMPTLY BY THE CONTRACTOR.
10. DUST SHALL BE CONTROLLED IN ACCORDANCE WITH THE SPECIFICATIONS AND APPLICABLE REGULATIONS.
11. THE CONTRACTOR SHALL PHASE DREDGING OPERATIONS TO MINIMIZE THE AREA DISTURBED OR OPEN TO THE ELEMENTS AT ANY GIVE TIME.
12. BEST MANAGEMENT PRACTICES SHALL BE DEPLOYED TO MINIMIZE TURBIDITY. AT A MINIMUM, A SLIT CURTAIN SHALL BE USED DOWNCURRENT OF THE CONSTRUCTION AREA.
13. THE SITE SHALL BE LEFT IN A STABLE CONDITION AT THE CLOSE OF EACH DAY.

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES AND UTILITY COMPANIES, IN WRITING, 48 HOURS PRIOR TO ANY WORK WITHIN 15 FEET OF A UTILITY LINE.
2. THE CONTRACTOR SHALL, UNDER THE DIRECTION OF THE ENGINEER, ESTABLISH "CONSTRUCTION LIMITS" ON THE SITE BY ACCEPTABLE VISIBLE MARKERS ALL WORK AND EQUIPMENT SHALL BE CONFINED TO WITHIN THESE LIMITS, UNLESS OTHERWISE SPECIFICALLY AUTHORIZED.
3. NO CHANGES ARE TO BE MADE UNLESS AUTHORIZED BY ENGINEER AND/OR APPLICANT/OWNER.
4. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY CODES, REGULATIONS, LEGAL REQUIREMENTS, PERMIT CONDITIONS, ETC.
5. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, STREETS, PAVEMENTS, HIGHWAY GUARDS, CURBING, EDGING, TREES, PLANTINGS, STRUCTURES, PIPES, ETC ON OR OFF THE PREMISES, AND SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AT HIS/HER OWN EXPENSE AS REQUIRED BY THE ENGINEER OR OWNER ANY ITEMS DAMAGED AS A RESULT OF THE CONTRACTOR'S WORK.
6. THE CONTRACTOR SHALL DISPOSE OF ALL STUMPS, RUBBISH AND DEBRIS IN ACCORDANCE WITH THE SPECIFICATIONS AND ALL APPLICABLE CODES AND REGULATIONS THE CONTRACTOR SHALL LEAVE THE PROJECT SITE IN SAFE AND CLEAN CONDITION UPON COMPLETION OF DREDGING OPERATIONS
7. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING OF EXCAVATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL GOVERNING CODES AND REGULATIONS.
8. ALL SURFACES DISTURBED BY THIS WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AS DETAILED OR AS SPECIFIED BY THE ENGINEER. DREDGING SEQUENCE SHALL BE COORDINATED TO MINIMIZE DISTURBANCE OF EXISTING CONDITIONS AND OPERATIONS.
9. DREDGING SHALL TAKE PLACE WITHIN APPROVED WORK WINDOWS.
10. ALL EXISTING PIPING AND STRUCTURES EXPOSED DURING EXCAVATION SHALL BE ADEQUATELY SUPPORTED, BRACED, OR OTHERWISE PROTECTED DURING DREDGING ACTIVITIES.
11. ALL NECESSARY FEES AND PERMITS SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR.
12. WORK SHALL COMPLY WITH APPLICABLE MUNICIPAL, STATE, AND FEDERAL PERMITS AND REQUIREMENTS.
13. THE CONTRACTOR SHALL OBTAIN AND COMPLY WITH ALL AUTHORIZATIONS NECESSARY FOR CONSTRUCTION AND DREDGE MATERIAL TRANSPORT VEHICLE ENTRY/EXIT/TRAVEL ON STATE AND LOCAL ROADS.
14. NO DREDGED MATERIAL CONTAINING FREE DRAINING LIQUIDS (AS DETERMINED BY THE EPA PAINT FILTER TEST) SHALL BE TRANSPORTED OVER STATE OR LOCAL ROADS.

UTILITIES NOTES:

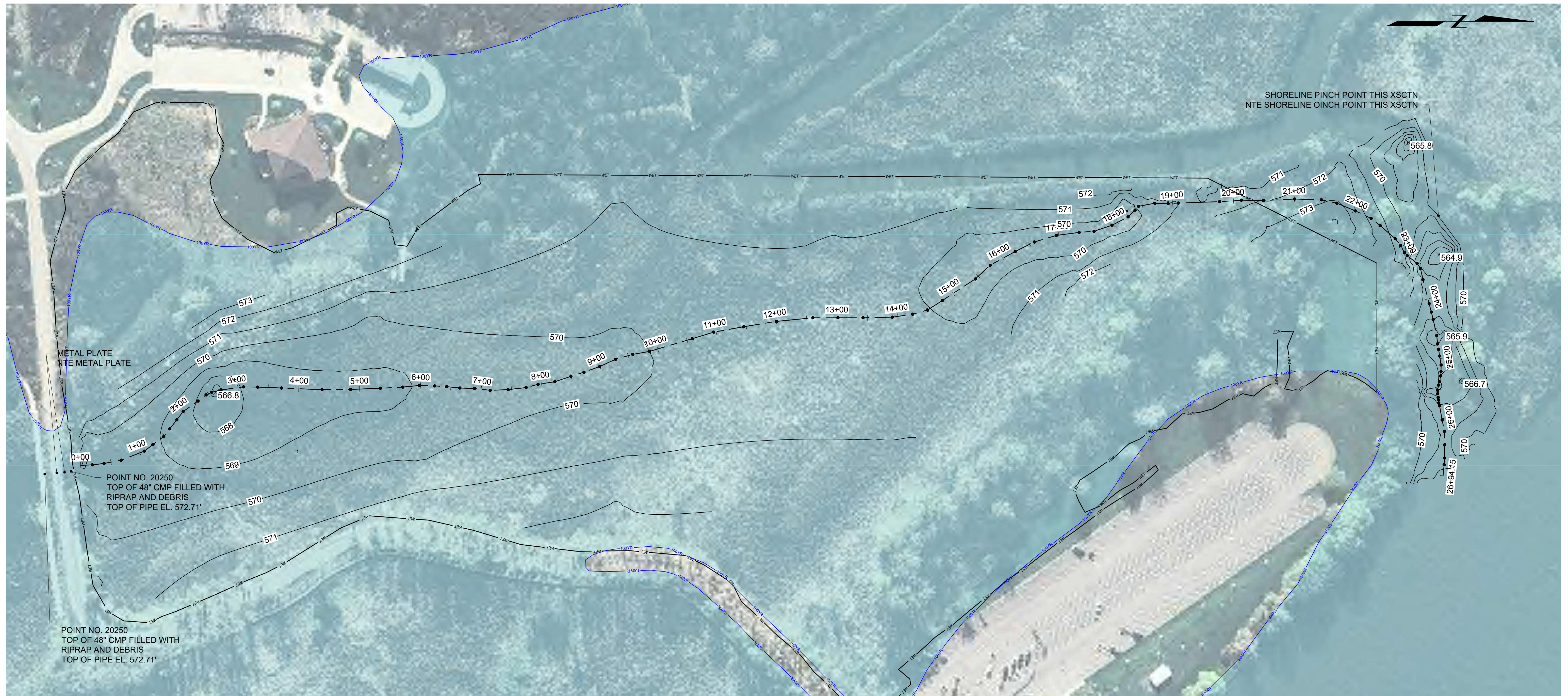
1. BEFORE COMMENCEMENT OF DREDGING, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAKING ALL NECESSARY ARRANGEMENTS AND FOR PERFORMING ANY NECESSARY WORK INVOLVED IN CONNECTION WITH THE DISCONTINUANCE OR JURISDICTION OF THE UTILITY COMPANIES, SUCH AS ELECTRICITY, TELEPHONE, WATER, GAS AND ANY SYSTEM OR SYSTEMS WHICH WILL BE AFFECTED BY THE WORK TO BE PERFORMED UNDER THIS CONTRACT.
2. UNLESS OTHERWISE NOTED OR APPROVED BY THE ENGINEER OR OWNER, THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES.
3. IF REQUIRED, OVERHEAD LINES SHALL BE RELOCATED BY THE UTILITY COMPANY AT THE CONTRACTOR'S EXPENSE.
4. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE ENGINEER AND OWNER FOR RESOLUTION OF THE CONFLICT.



**FOR CONSTRUCTION**

|   |     |           |                         |                    |           |                 |  |                                   |  |          |
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| Attention:<br><br>If this scale bar does not measure 1" then drawing is not original scale. | 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |                    |           | Designed: MS    |  | HURON-CLINTON METROPARK AUTHORITY | LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT | DWG. NO. |
|   |     |           |                         |                    |           | Checked: SD, BK |  |                                   |  | N1       |
|   |     |           |                         | Drawn: MS, HC, BRN | SHEET NO. |                 |  |                                   |  |          |
|   |     |           |                         | Submitted By: SD   | 02 OF 11  |                 |  |                                   |  |          |
|   |     |           |                         | P.E. Number: 44371 |           |                 |  |                                   |  |          |
|   | NO. | DATE      | ISSUE/REVISION          | APP                |           |                 |  |                                   | NOTES  |          |





**LEGEND**

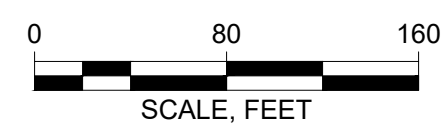
- CONTOUR (MAJOR) ——— 571
- CONTOUR (MINOR) ——— 570
- 1% ANNUAL CHANCE FLOOD HAZARD 100YR
- WETLAND DELINEATION ——— WET
- POND CENTERLINE ———●——●——

**GENERAL NOTES:**

1. CONTOURS DEPICT EXISTING MARSH BOTTOM ELEVATIONS BASED ON WATER DEPTH MEASUREMENTS BY SM ON NOVEMBER 1, 2019 AND CAN ONLY BE CONSIDERED REPRESENTATIVE OF CONDITIONS AT THAT TIME. CONTRACTOR TO FIELD VERIFY AND NOTIFY ENGINEER IF CURRENT CONDITIONS DIFFER FROM DRAWINGS.



**FOR CONSTRUCTION**



**Warning:**  
It is a violation of Section 7209.2 of the New York State Education Law for any person, unless acting under the direction of a licensed professional engineer, to alter in any way plans, specifications, plats or reports to which the seal of a professional engineer has been applied. If an item bearing the seal of a professional engineer is altered, the altering engineer shall affix to the item his seal and the notation "Altered By" followed by his signature, the date, and a specific description of the alteration.

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |

Designed: MS  
 Checked: SD, BK  
 Drawn: MS, HC, BRN  
 Submitted By: SD  
 P.E. Number: 44371

**GEI Consultants**

**HURON-CLINTON METROPARK AUTHORITY**

GEI Project 1903754

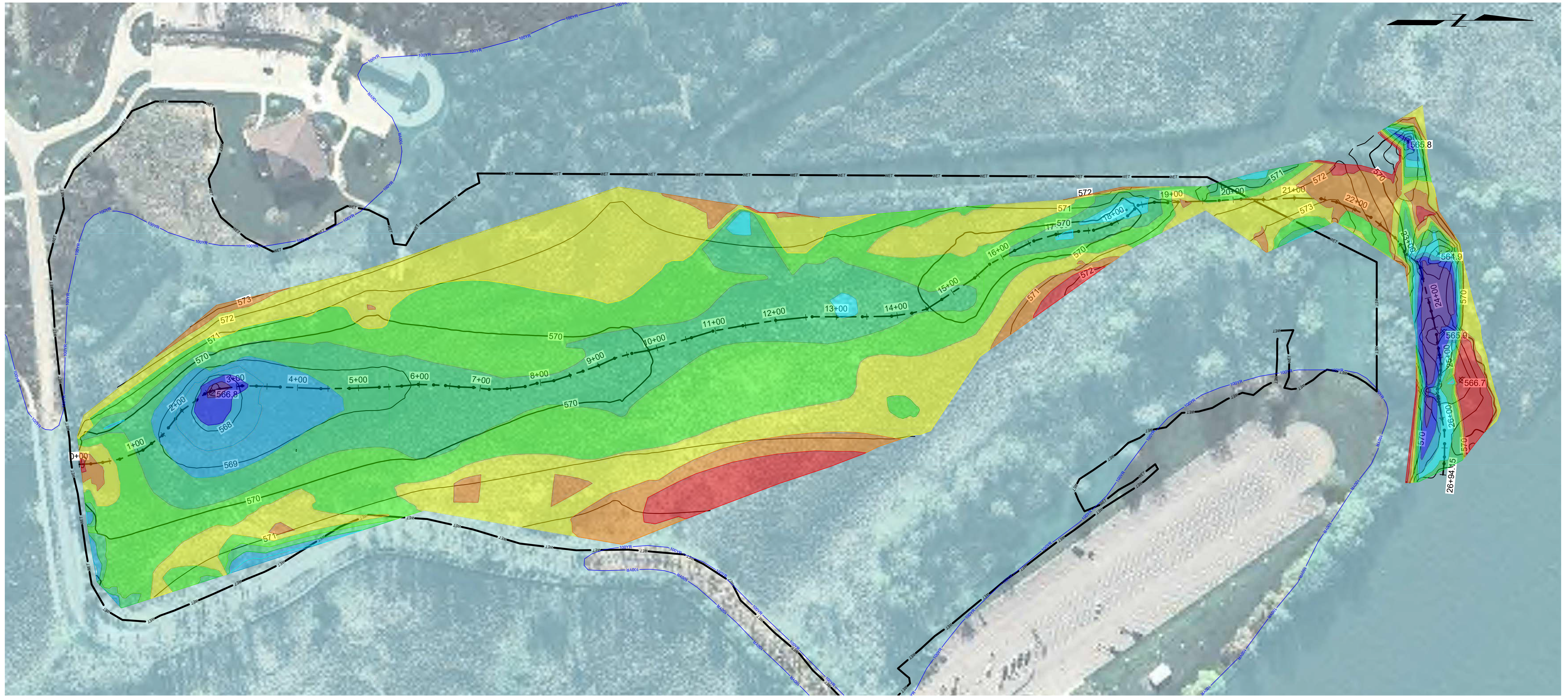
LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

EXISTING MARSH

DWG. NO. **C1**

SHEET NO. **03 OF 11**





**LEGEND**

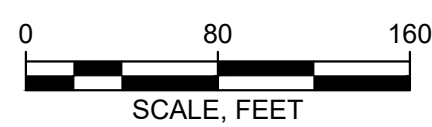
- CONTOUR (MAJOR) 500'
- CONTOUR (MINOR) 200'
- 1% ANNUAL CHANCE FLOOD HAZARD 100YR
- WETLAND DELINEATION WET
- POND CENTERLINE

**SEDIMENT DEPTHS**

- 0'-0.5'
- 2.5'-3'
- 0.5'-1'
- 3'-3.5'
- 1'-1.5'
- 3.5'-4'
- 1.5'-2'
- 4'-4.75'
- 2'-2.5'

**GENERAL NOTES:**

1. SEDIMENT DEPTHS DEVELOPED BY HAND-POLLING MARSH AREA FROM TOP OF SEDIMENT TO DEPTH TO REFUSAL.
2. SEDIMENT DEPTHS MEASURED BY SME NOV 01, 2019 AND ONLY REPRESENT DEPTHS MEASURED AT THAT TIME.



| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
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HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

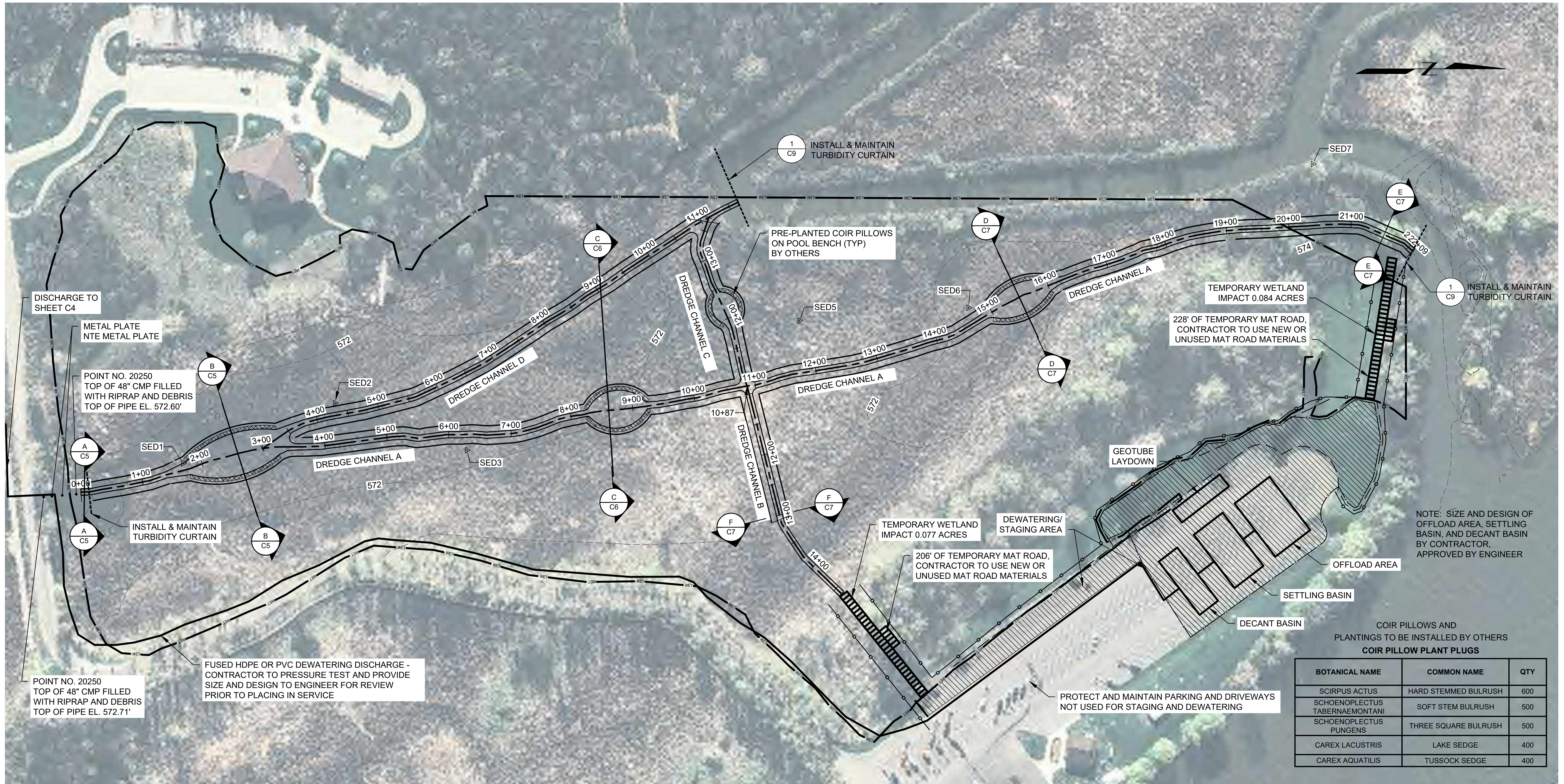
SEDIMENT DEPTHS



FOR CONSTRUCTION

DWG. NO.  
**C2**  
 SHEET NO.  
**04 OF 11**





NOTE: SIZE AND DESIGN OF OFFLOAD AREA, SETTLING BASIN, AND DECANT BASIN BY CONTRACTOR, APPROVED BY ENGINEER

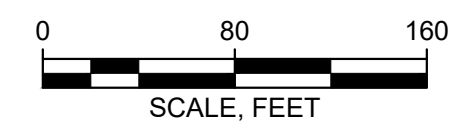
COIR PILLOWS AND PLANTINGS TO BE INSTALLED BY OTHERS  
COIR PILLOW PLANT PLUGS

| BOTANICAL NAME                | COMMON NAME          | QTY |
|-------------------------------|----------------------|-----|
| SCIRPUS ACTUS                 | HARD STEMMED BULRUSH | 600 |
| SCHOENOPECTUS TABERNAEMONTANI | SOFT STEM BULRUSH    | 500 |
| SCHOENOPECTUS PUNGENS         | THREE SQUARE BULRUSH | 500 |
| CAREX LACUSTRIS               | LAKE SEDGE           | 400 |
| CAREX AQUATILIS               | TUSSOCK SEDGE        | 400 |

**LEGEND**

- WETLAND DELINEATION
- SEDIMENT SAMPLES GRABBED ON 8-7-2020 BY GEI
- APPROXIMATE EXTENTS OF SEDIMENT DEWATERING AREA (1.35-AC)
- EROSION CONTROL BARRIER
- DEWATERING STAGING AREA
- CONSTRUCTION FENCING
- TURBIDITY CURTAIN
- PRE-PLANTED COIR PILLOW

APPROXIMATE ORGANIC SEDIMENT DREDGE VOLUME = 8,230 CY  
APPROXIMATE CLAY DREDGE VOLUME = 7,190 CY  
APPROXIMATE DREDGE AREA = 3.23 ACRE



**GENERAL NOTES:**

- LOCATION AND SIZE OF DEWATERING AREA IS CONCEPTUAL. ACTUAL LOCATION TO BE BASED ON CONTRACTOR SELECTED MEANS AND METHODS, SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER AND OWNER.
- WE HAVE ASSUMED THAT THE CONTRACTOR SHALL MECHANICALLY DREDGE CLAY IN THE MARSH; DETRITUS ABOVE THE CLAY MAY BE HYDRAULICALLY DREDGED. ADDITIONAL DETAILS ON MARSH DREDGING AND DEWATERING DISPOSAL CAN BE FOUND ON SHEET C8. CONTRACTOR MAY PROPOSE ALTERNATIVE METHODS BUT THEY WILL REQUIRE PRE-APPROVAL BY THE ENGINEER.
- CONTRACTOR SHALL SUBMIT A FINAL DREDGE PLAN AT LEAST TWO WEEKS PRIOR TO COMMENCING THE WORK.
- PRIOR TO COMMENCING DREDGE OPERATIONS THE CONTRACTOR IS REQUIRED TO INSTALL TURBIDITY CONTROLS PER CONTRACT DOCUMENTS AND REGULATORY AGENCY REQUIREMENTS AND NOTIFY OWNER/ENGINEER FOR PRE-DREDGE INSPECTION
- FINISH DREDGE SLOPES SHALL BE BETWEEN 1:2 H:V AND VERTICAL REQUIREMENTS MAY BE ADJUSTED BY THE ENGINEER IF SLOUGHING OF SEDIMENTS OCCURS.
- CONTRACTOR MAY ALLOW DREDGE SEDIMENTS TO DEWATER ON SITE BETWEEN OCTOBER AND APRIL IN DESIGNATED AREAS WITH SPECIFIED WATER AND SEDIMENT CONTROL DEVICES IN PLACE.
- ANY TREE CLEARING MUST OCCUR ON OR AFTER OCTOBER 1 AND BE APPROVED AHEAD OF THE WORK BY THE ENGINEER AND OWNER.
- ANY EXISTING WETLAND AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO ORIGINAL GRADES AND RE-SEEDED WITH EMERGENT MARSH SEED MIX
- CONTRACTOR TO PROVIDE FINAL BATHYMETRIC SURVEY TO VERIFY FINAL DREDGE DEPTHS PRIOR TO FINAL PAYMENT. SEE SPECIFICATIONS FOR DETAILS (SEE SHEET C4)

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |

Attention:

Designed: MS  
Checked: SD, BK  
Drawn: MS, HC, BN  
Submitted By: SD  
P.E. Number: 44371

**GEI Consultants**

**HURON-CLINTON METROPARK AUTHORITY**

GEI Project 1903754

**LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT**

**PROPOSED MARSH DREDGE PLAN**

DWG. NO. **C3**  
SHEET NO. **05 OF 11**

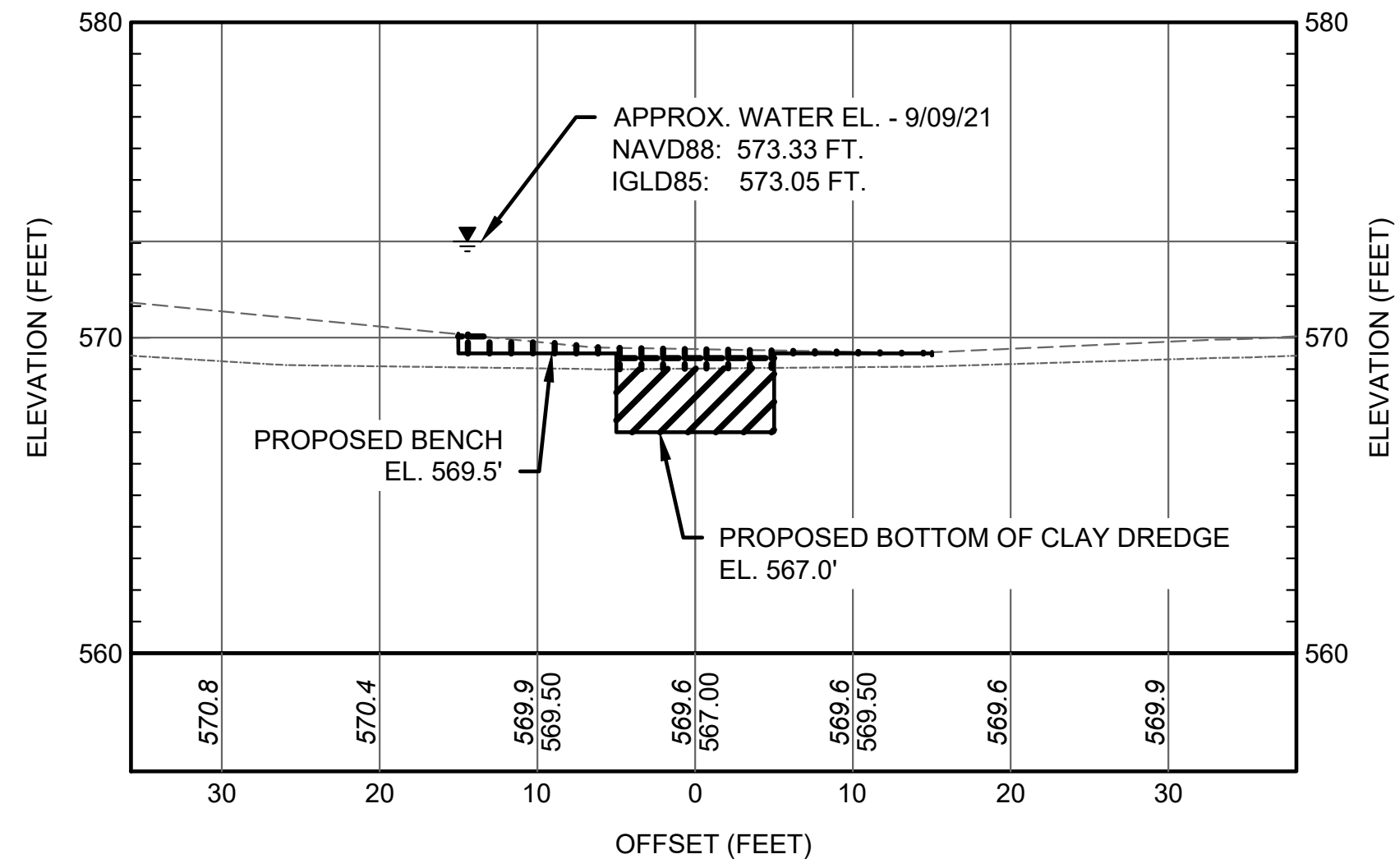


**FOR CONSTRUCTION**

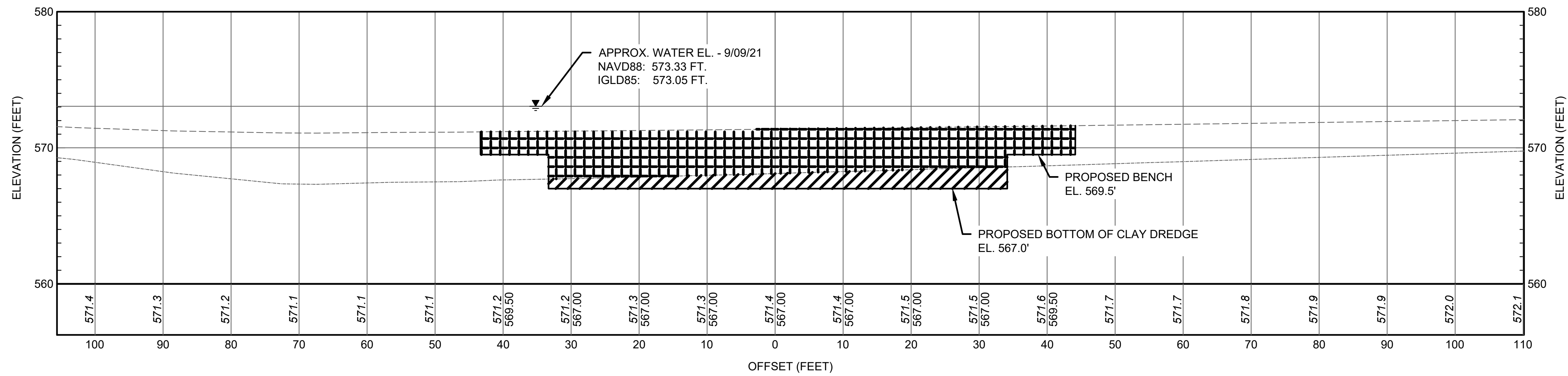








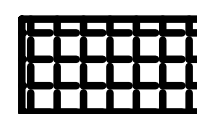

A  
C3  
DREDGE CHANNEL A - STA 0+05

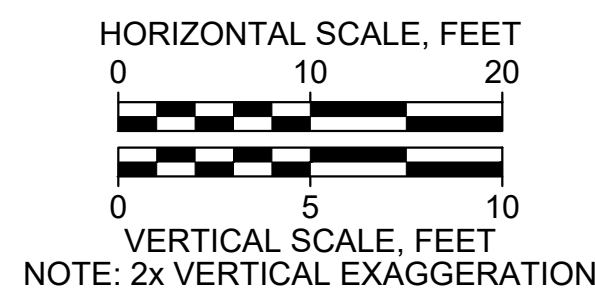


B  
C3  
DREDGE CHANNEL A - STA 2+60

**LEGEND:**

- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)

-  ORGANIC SEDIMENT DREDGE
-  CLAY DREDGE



FOR CONSTRUCTION

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |

Attention:  
0 1"  
If this scale bar does not measure 1" then drawing is not original scale.



Designed: MS  
Checked: SD, BK  
Drawn: MS, HC, BN  
Submitted By: SD  
P.E. Number: 44371



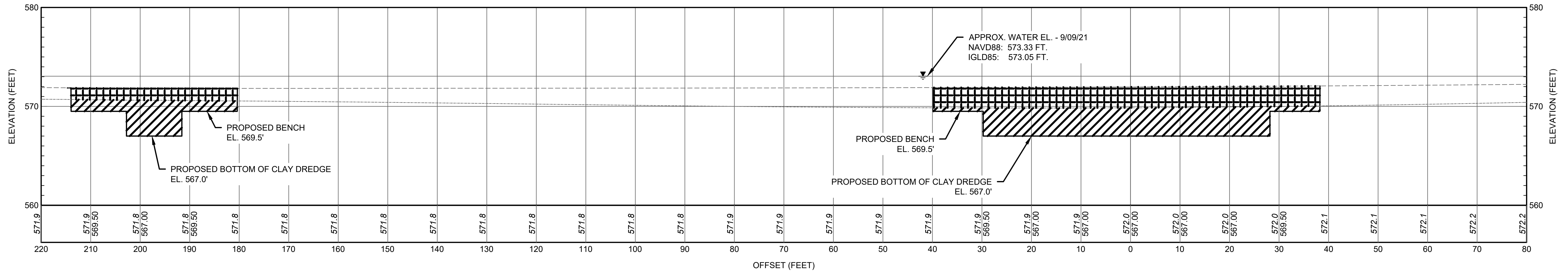
HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE SECTIONS

DWG. NO.  
**C5**  
SHEET NO.  
07 OF 11

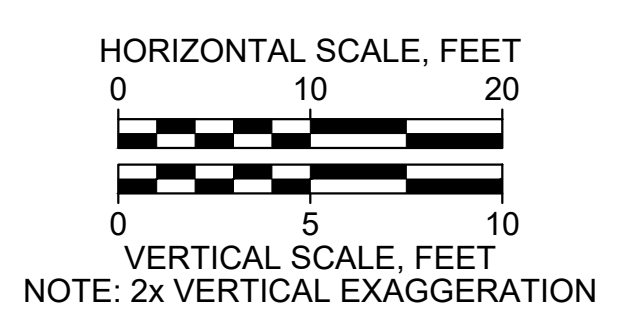


C  
C3 DREDGE CHANNEL A - STA. 8+63

**LEGEND:**


- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)


- ORGANIC SEDIMENT DREDGE
- CLAY DREDGE



**FOR CONSTRUCTION**

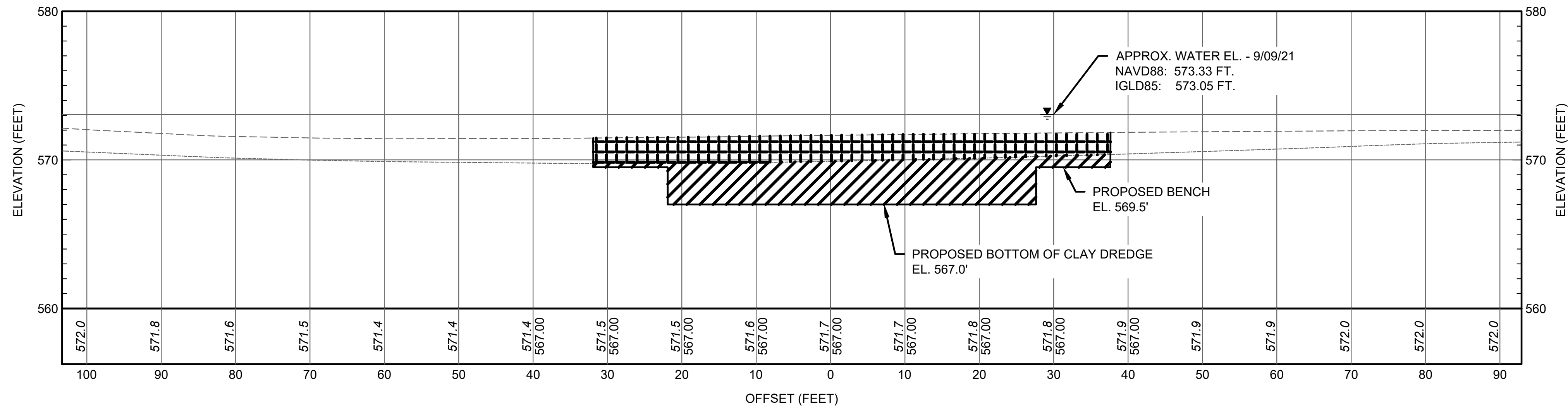
| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |


  
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 Submitted By: SD  
 P.E. Number: 44371

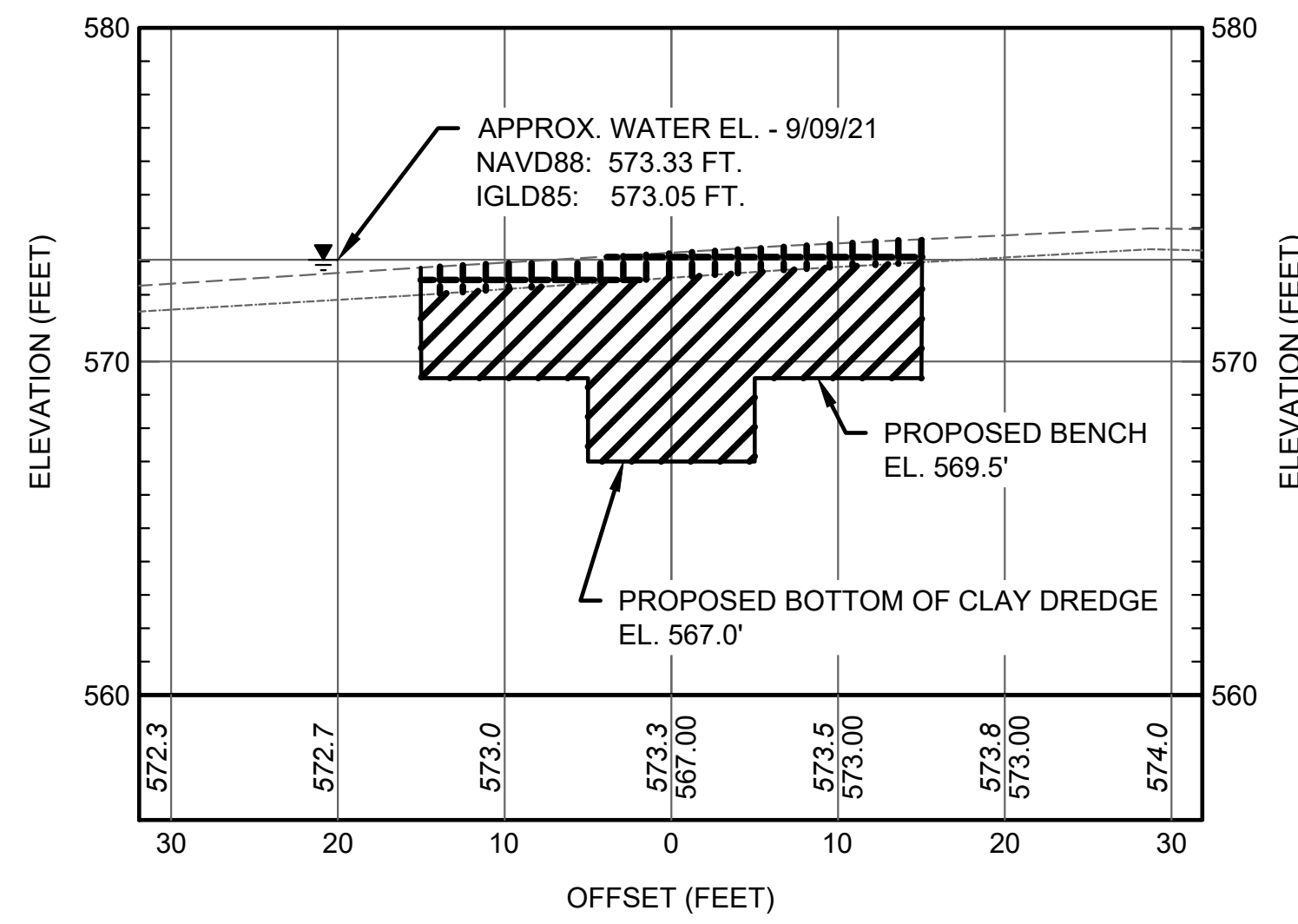

  
**HURON-CLINTON METROPARK AUTHORITY**  
 GEI Project 1903754

**LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT**  
**PROPOSED MARSH DREDGE SECTIONS**

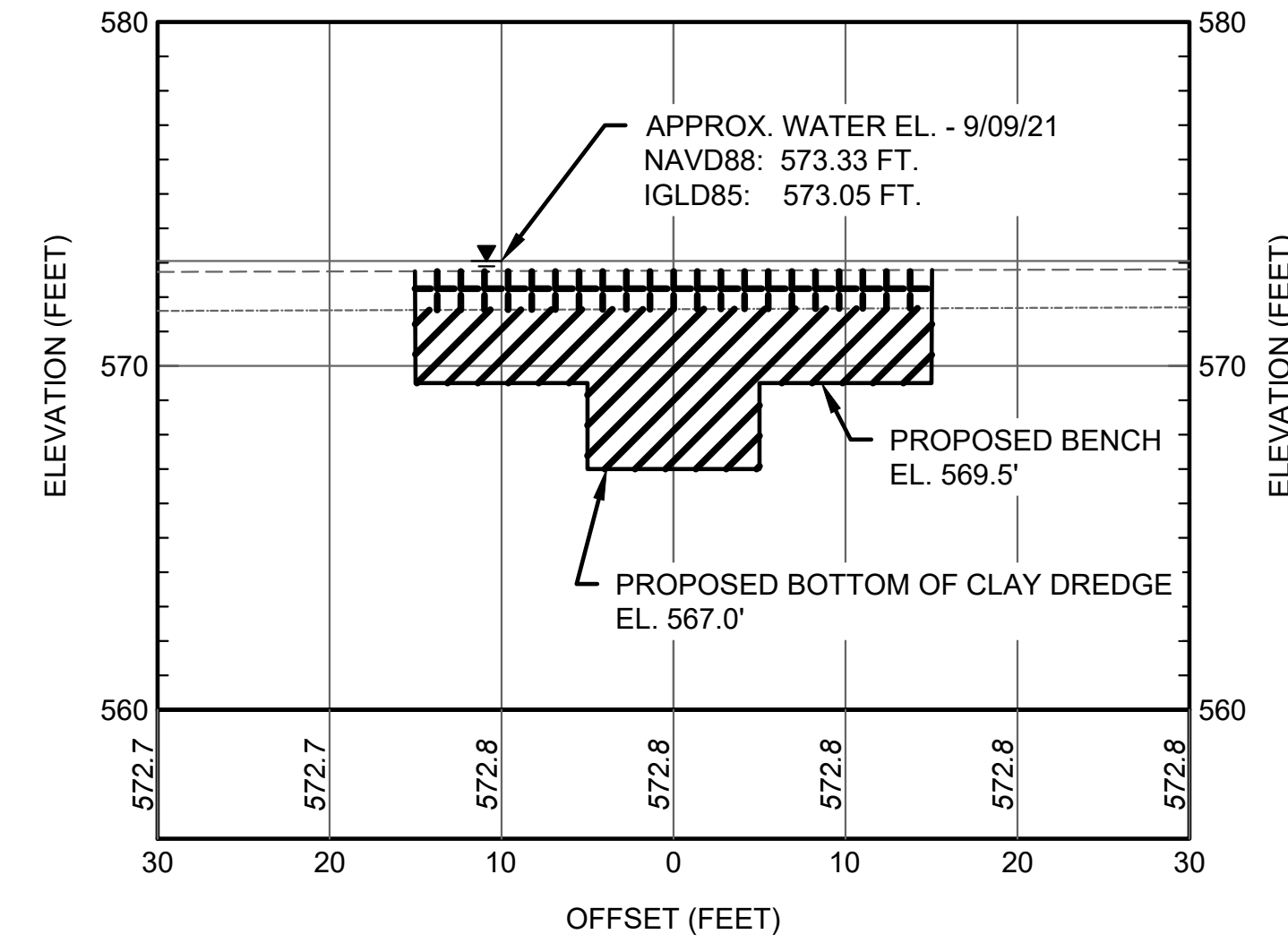
DWG. NO. **C6**  
 SHEET NO. **08 OF 11**



D DREDGE CHANNEL A - STA 15+50  
C3



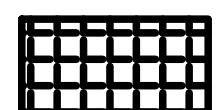
E DREDGE CHANNEL A - STA. 21+56  
C3



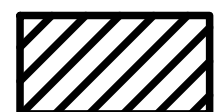
F DREDGE CHANNEL B - STA. 13+00  
C3

**LEGEND:**

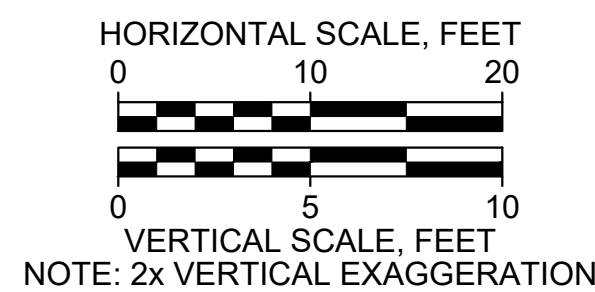
- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
- EXISTING TOP OF CLAY SURFACE
- PROPOSED BOTTOM OF CLAY SURFACE
- ▽----- APPROXIMATE WATER ELEVATION (AS-NOTED)



ORGANIC SEDIMENT DREDGE



CLAY DREDGE



**FOR CONSTRUCTION**

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |

Attention:  
0 1"  
If this scale bar does not measure 1" then drawing is not original scale.



|               |            |
|---------------|------------|
| Designed:     | MS         |
| Checked:      | SD, BK     |
| Drawn:        | MS, HC, BN |
| Submitted By: | SD         |
| P.E. Number:  | 44371      |



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE SECTIONS

DWG. NO.

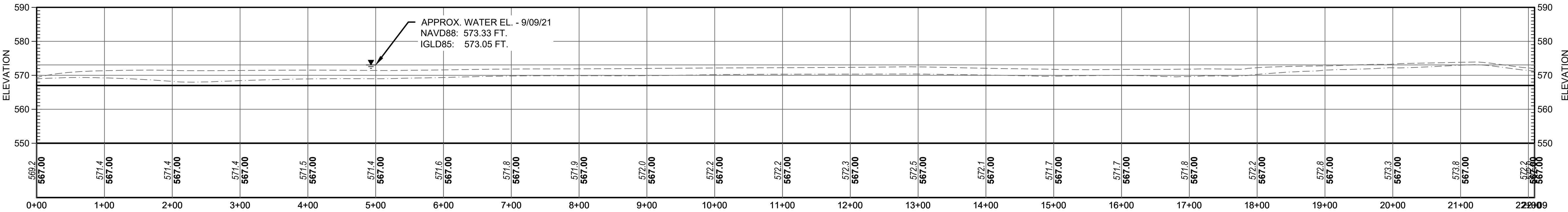
**C7**

SHEET NO.

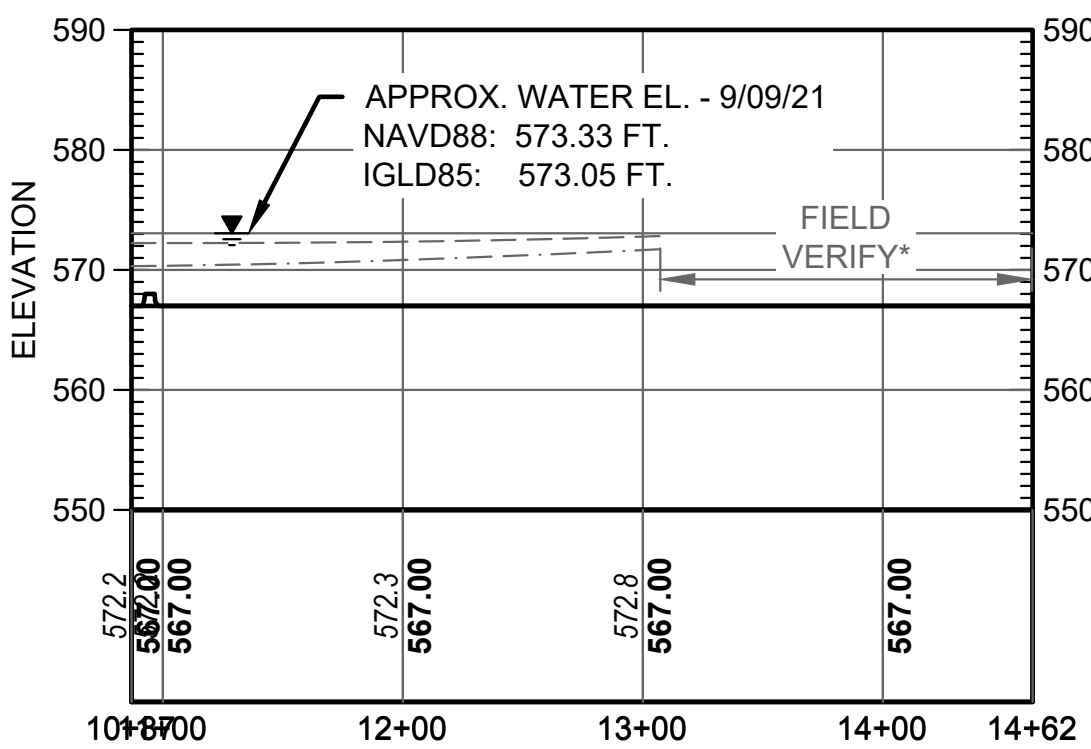
**09 OF 11**



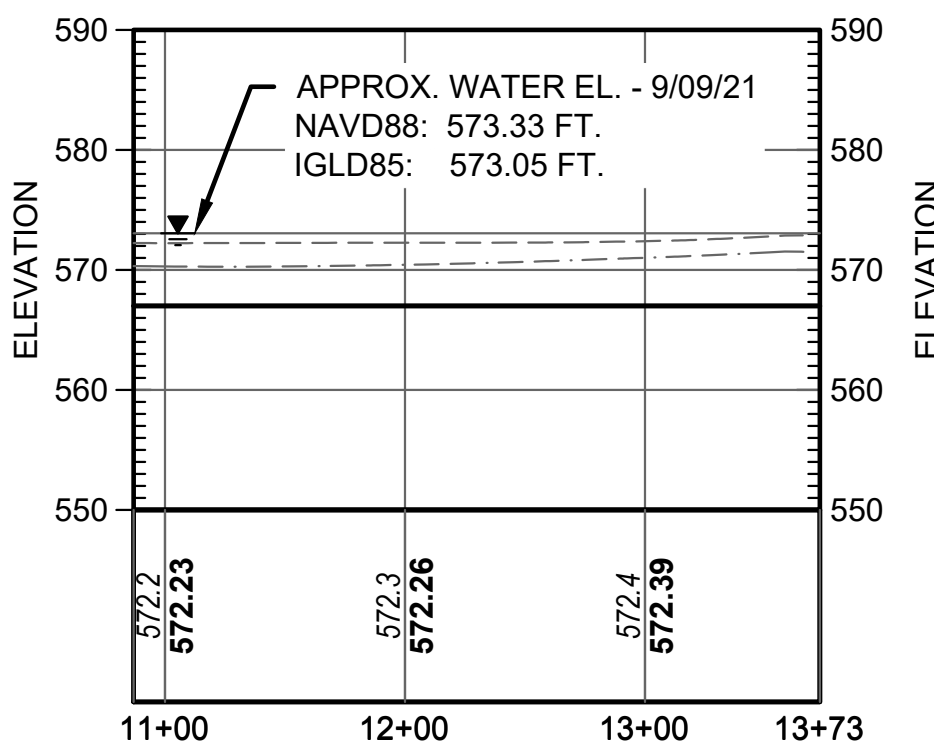
DREDGE CHANNEL A



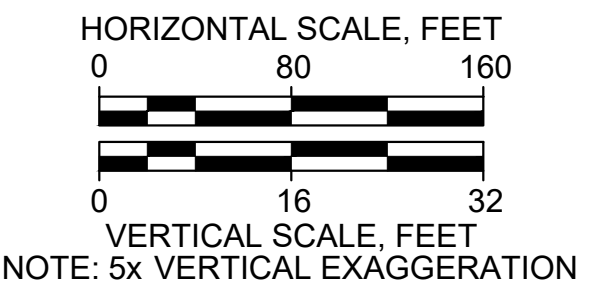
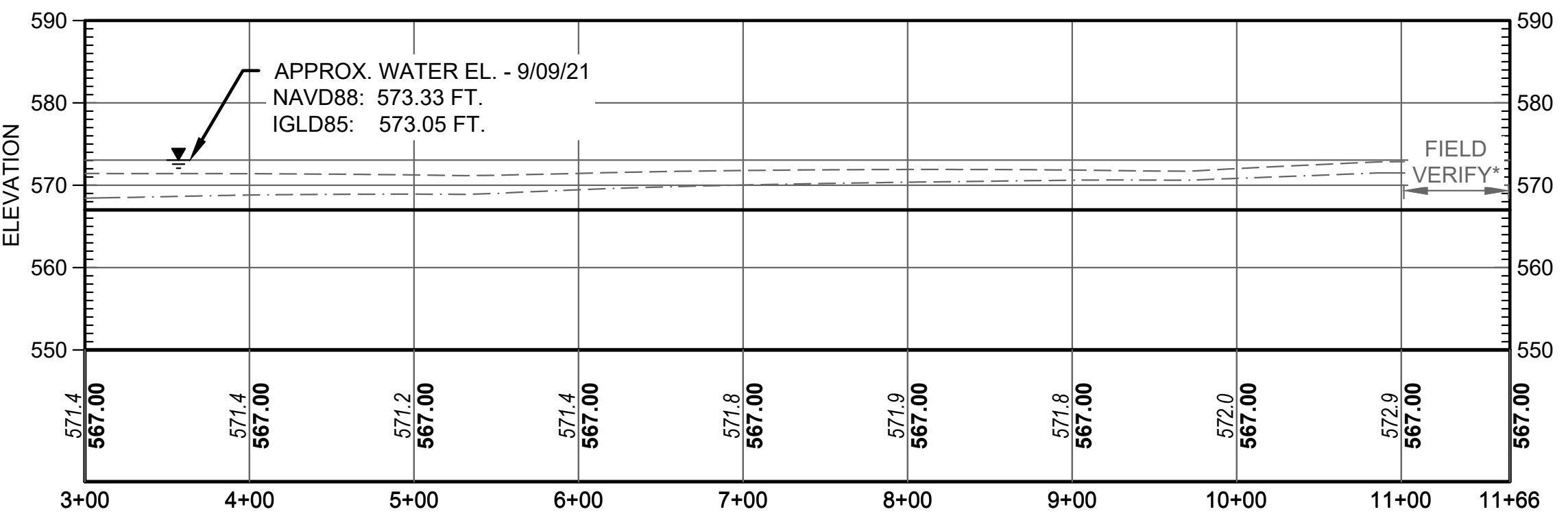
DREDGE CHANNEL B



DREDGE CHANNEL C



DREDGE CHANNEL D



- LEGEND:**
- EXISTING TOP OF ORGANIC SEDIMENT SURFACE
  - · - · - EXISTING TOP OF CLAY SURFACE
  - PROPOSED BOTTOM OF CLAY SURFACE - 567.0 FT.
  - ▽ APPROXIMATE WATER ELEVATION (AS-NOTED)

\*CONTRACTOR TO FIELD VERIFY AND SUPPLEMENT BATHOMETRY IN NOTED AREAS PRIOR TO CONSTRUCTION



FOR CONSTRUCTION

| NO. | DATE      | ISSUE/REVISION          | APP |
|-----|-----------|-------------------------|-----|
| 1   | 8/15/2021 | ISSUED FOR CONSTRUCTION |     |

|               |            |
|---------------|------------|
| Designed:     | MS         |
| Checked:      | SD, BK     |
| Drawn:        | MS, HC, BN |
| Submitted By: | SD         |
| P.E. Number:  | 44371      |



HURON-CLINTON METROPARK AUTHORITY

GEI Project 1903754

LAKE ERIE METROPARK MARSH DREDGING & ENHANCEMENT

PROPOSED MARSH DREDGE PROFILES

DWG. NO. **C8**  
SHEET NO. **10 OF 11**







To: Board of Commissioners  
From: Amy McMillan, Director  
Subject: Board of Commissioners – Officer Elections  
Date: June 3, 2022

**Requested Action: Motion to Elect Board Officers**

That the Board of Commissioners elect a Chairman, Vice-Chairman, Treasurer and Secretary at the June 9, 2022 Board meeting as required by the Metroparks Bylaws.

**Background:** The Huron-Clinton Metropolitan Authority Bylaws read in part:

*The Board of Commissioners shall elect a Chairman, a Vice-Chairman, a Treasurer and a Secretary, who shall be elected by the Commissioners at the annual meeting of the Board of Commissioners.*

The regular monthly meeting held in the month of June constitutes the annual meeting of the Board of Commissioners.

Officers are elected for a two-year term.



**HURON-CLINTON METROPARKS MONTHLY STATISTICS**

**May, 2022**

| PARK                        | MONTHLY VEHICLE ENTRIES |                |                |                     | MONTHLY TOLL REVENUE |                     |                     |                     |
|-----------------------------|-------------------------|----------------|----------------|---------------------|----------------------|---------------------|---------------------|---------------------|
|                             | Current                 | Previous       | Prev 3 Yr Avg  | Change from Average | Current              | Previous            | Prev 3 Yr Avg       | Change from Average |
| Lake St Clair               | 55,120                  | 61,233         | 55,083         | 0%                  | \$ 370,538           | \$ 343,176          | \$ 298,462          | 24%                 |
| Wolcott Mill                | 7,234                   | 4,433          | 3,253          | 122%                | \$ 6,179             | \$ 3,980            | \$ 3,096            | 100%                |
| Stony Creek                 | 71,866                  | 82,620         | 78,852         | -9%                 | \$ 470,591           | \$ 475,167          | \$ 454,844          | 3%                  |
| Indian Springs              | 12,197                  | 12,129         | 11,887         | 3%                  | \$ 60,183            | \$ 52,807           | \$ 55,745           | 8%                  |
| Kensington                  | 94,124                  | 103,402        | 94,352         | 0%                  | \$ 558,841           | \$ 466,389          | \$ 446,817          | 25%                 |
| Huron Meadows               | 11,844                  | 12,984         | 11,509         | 3%                  | \$ 3,760             | \$ 2,501            | \$ 2,524            | 49%                 |
| Hudson Mills                | 24,811                  | 26,878         | 26,261         | -6%                 | \$ 95,459            | \$ 92,771           | \$ 90,020           | 6%                  |
| Lower Huron/Willow/Oakwoods | 56,308                  | 60,205         | 58,900         | -4%                 | \$ 151,418           | \$ 150,935          | \$ 141,949          | 7%                  |
| Lake Erie                   | 26,310                  | 26,441         | 26,393         | 0%                  | \$ 90,500            | \$ 91,646           | \$ 97,747           | -7%                 |
| <b>Monthly TOTALS</b>       | <b>359,814</b>          | <b>390,325</b> | <b>366,488</b> | <b>-2%</b>          | <b>\$ 1,807,469</b>  | <b>\$ 1,679,372</b> | <b>\$ 1,591,205</b> | <b>14%</b>          |

| PARK                        | Y-T-D VEHICLE ENTRIES |                  |                  |                     | Y-T-D TOLL REVENUE  |                     |                     |                     |
|-----------------------------|-----------------------|------------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                             | Current               | Previous         | Prev 3 Yr Avg    | Change from Average | Current             | Previous            | Prev 3 Yr Avg       | Change from Average |
| Lake St Clair               | 151,931               | 187,712          | 157,295          | -3%                 | \$ 830,270          | \$ 938,013          | \$ 701,561          | 18%                 |
| Wolcott Mill                | 19,206                | 17,637           | 12,615           | 52%                 | \$ 19,571           | \$ 15,837           | \$ 24,675           | -21%                |
| Stony Creek                 | 179,884               | 250,849          | 211,550          | -15%                | \$ 1,092,911        | \$ 1,402,790        | \$ 1,149,409        | -5%                 |
| Indian Springs              | 29,747                | 38,460           | 32,755           | -9%                 | \$ 161,445          | \$ 201,629          | \$ 159,046          | 2%                  |
| Kensington                  | 273,714               | 355,514          | 305,055          | -10%                | \$ 1,343,421        | \$ 1,641,058        | \$ 1,278,741        | 5%                  |
| Huron Meadows               | 38,719                | 48,831           | 36,774           | 5%                  | \$ 51,473           | \$ 49,135           | \$ 34,424           | 50%                 |
| Hudson Mills                | 80,591                | 104,055          | 88,268           | -9%                 | \$ 249,526          | \$ 304,665          | \$ 246,679          | 1%                  |
| Lower Huron/Willow/Oakwoods | 199,109               | 242,630          | 213,684          | -7%                 | \$ 344,591          | \$ 394,294          | \$ 337,882          | 2%                  |
| Lake Erie                   | 77,150                | 87,101           | 77,582           | -1%                 | \$ 309,853          | \$ 356,301          | \$ 313,250          | -1%                 |
| <b>Monthly TOTALS</b>       | <b>1,050,051</b>      | <b>1,332,789</b> | <b>1,135,578</b> | <b>-8%</b>          | <b>\$ 4,403,061</b> | <b>\$ 5,303,722</b> | <b>\$ 4,245,668</b> | <b>4%</b>           |

| PARK                        | MONTHLY PARK REVENUE |                     |                     |                     | Y-T-D PARK REVENUE  |                     |                     |                     |
|-----------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                             | Current              | Previous            | Prev 3 Yr Avg       | Change from Average | Current             | Previous            | Prev 3 Yr Avg       | Change from Average |
| Lake St Clair               | \$ 434,207           | \$ 424,888          | \$ 366,053          | 19%                 | \$ 1,141,178        | \$ 1,234,589        | \$ 975,446          | 17%                 |
| Wolcott Mill                | \$ 13,433            | \$ 13,135           | \$ 15,364           | -13%                | \$ 58,590           | \$ 66,109           | \$ 88,502           | -34%                |
| Stony Creek                 | \$ 799,130           | \$ 809,153          | \$ 698,358          | 14%                 | \$ 1,687,966        | \$ 2,074,167        | \$ 1,605,301        | 5%                  |
| Indian Springs              | \$ 259,543           | \$ 244,407          | \$ 191,018          | 36%                 | \$ 488,186          | \$ 542,859          | \$ 375,845          | 30%                 |
| Kensington                  | \$ 902,520           | \$ 799,116          | \$ 693,991          | 30%                 | \$ 1,995,523        | \$ 2,326,192        | \$ 1,749,850        | 14%                 |
| Huron Meadows               | \$ 193,775           | \$ 195,448          | \$ 141,698          | 37%                 | \$ 381,647          | \$ 407,584          | \$ 262,231          | 46%                 |
| Hudson Mills                | \$ 232,208           | \$ 228,048          | \$ 190,161          | 22%                 | \$ 465,392          | \$ 534,743          | \$ 402,029          | 16%                 |
| Lower Huron/Willow/Oakwoods | \$ 318,883           | \$ 344,932          | \$ 258,670          | 23%                 | \$ 580,605          | \$ 706,737          | \$ 526,453          | 10%                 |
| Lake Erie                   | \$ 277,816           | \$ 295,946          | \$ 239,739          | 16%                 | \$ 589,861          | \$ 690,332          | \$ 525,644          | 12%                 |
| <b>Y-T-D TOTALS</b>         | <b>\$ 3,431,515</b>  | <b>\$ 3,355,073</b> | <b>\$ 2,795,052</b> | <b>23%</b>          | <b>\$ 7,388,948</b> | <b>\$ 8,583,312</b> | <b>\$ 6,511,301</b> | <b>13%</b>          |

| District | Y-T-D Vehicle Entries by Management Unit |          |               |                     | Y-T-D Total Revenue by Management Unit |           |               |                     |
|----------|--|----------|---------------|---------------------|--|-----------|---------------|---------------------|
|          | Current                                  | Previous | Prev 3 Yr Avg | Change from Average | Current                                | Previous  | Prev 3 Yr Avg | Change from Average |
| Eastern  | 351,021                                  | 456,198  | 381,460       | -8%                 | 2,887,734                              | 3,374,865 | 2,669,249     | 8%                  |
| Western  | 422,771                                  | 546,860  | 462,852       | -9%                 | 3,330,748                              | 3,811,378 | 2,789,955     | 19%                 |
| Southern | 276,259                                  | 329,731  | 291,266       | -5%                 | 1,170,466                              | 1,397,069 | 1,052,097     | 11%                 |



HURON-CLINTON METROPARKS MONTHLY STATISTICS

May, 2022

| GOLF THIS MONTH   | MONTHLY ROUNDS |               |               |                     | MONTHLY REVENUE     |                     |                   |                     |
|-------------------|----------------|---------------|---------------|---------------------|---------------------|---------------------|-------------------|---------------------|
|                   | Current        | Previous      | Prev 3 Yr Avg | Change from Average | Current             | Previous            | Prev 3 Yr Avg     | Change from Average |
| Stony Creek       | 5,711          | 6,029         | 4,630         | 23%                 | \$ 209,928          | \$ 217,973          | \$ 154,309        | 36%                 |
| Indian Springs    | 5,531          | 5,182         | 3,905         | 42%                 | \$ 183,780          | \$ 172,577          | \$ 122,998        | 49%                 |
| Kensington        | 6,068          | 6,175         | 5,167         | 17%                 | \$ 214,922          | \$ 209,689          | \$ 164,065        | 31%                 |
| Huron Meadows     | 5,523          | 5,181         | 4,292         | 29%                 | \$ 188,735          | \$ 191,447          | \$ 138,281        | 36%                 |
| Hudson Mills      | 4,605          | 4,709         | 3,609         | 28%                 | \$ 122,415          | \$ 122,128          | \$ 88,238         | 39%                 |
| Willow            | 4,295          | 5,189         | 3,071         | 40%                 | \$ 115,656          | \$ 166,605          | \$ 92,838         | 25%                 |
| Lake Erie         | 5,038          | 5,408         | 3,866         | 30%                 | \$ 151,886          | \$ 165,373          | \$ 108,553        | 40%                 |
| Total Regulation  | 36,771         | 37,873        | 28,540        | 29%                 | \$ 1,187,322        | \$ 1,245,792        | \$ 869,281        | 37%                 |
| LSC Par 3         | 667            | 771           | 873           | -24%                | \$ 6,756            | \$ 9,426            | \$ 8,051          | -16%                |
| LSC Foot Golf     | 37             | 111           | 74            | -50%                | \$ 741              | \$ 912              | \$ 596            | 24%                 |
| <b>Total Golf</b> | <b>37,475</b>  | <b>38,755</b> | <b>29,486</b> | <b>27%</b>          | <b>\$ 1,194,819</b> | <b>\$ 1,256,130</b> | <b>\$ 877,929</b> | <b>36%</b>          |

| GOLF Y-T-D        | GOLF ROUNDS Y-T-D |               |               |                     | GOLF REVENUE Y-T-D  |                     |                     |                     |
|-------------------|-------------------|---------------|---------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                   | Current           | Previous      | Prev 3 Yr Avg | Change from Average | Current             | Previous            | Prev 3 Yr Avg       | Change from Average |
| Stony Creek       | 7,747             | 10,101        | 6,545         | 18%                 | \$ 278,278          | \$ 345,080          | \$ 211,540          | 32%                 |
| Indian Springs    | 8,082             | 9,025         | 5,665         | 43%                 | \$ 260,776          | \$ 285,424          | \$ 173,699          | 50%                 |
| Kensington        | 8,971             | 11,314        | 7,817         | 15%                 | \$ 301,918          | \$ 350,822          | \$ 233,193          | 29%                 |
| Huron Meadows     | 8,291             | 8,741         | 6,215         | 33%                 | \$ 264,694          | \$ 300,107          | \$ 192,769          | 37%                 |
| Hudson Mills      | 6,425             | 7,565         | 4,932         | 30%                 | \$ 164,739          | \$ 191,254          | \$ 118,812          | 39%                 |
| Willow            | 5,273             | 8,796         | 4,622         | 14%                 | \$ 142,879          | \$ 266,475          | \$ 135,714          | 5%                  |
| Lake Erie         | 6,828             | 9,009         | 5,525         | 24%                 | \$ 199,627          | \$ 266,469          | \$ 152,957          | 31%                 |
| Total Regulation  | 51,617            | 64,551        | 41,321        | 25%                 | \$ 1,612,911        | \$ 2,005,632        | \$ 1,218,685        | 32%                 |
| LSC Par 3         | 810               | 1,258         | 1,063         | -24%                | \$ 8,488            | \$ 13,874           | \$ 10,046           | -16%                |
| LSC Foot Golf     | 49                | 126           | 83            | -41%                | \$ 771              | \$ 1,028            | \$ 669              | 15%                 |
| <b>Total Golf</b> | <b>52,476</b>     | <b>65,935</b> | <b>42,467</b> | <b>24%</b>          | <b>\$ 1,622,170</b> | <b>\$ 2,020,534</b> | <b>\$ 1,229,400</b> | <b>32%</b>          |

| AQUATICS THIS MONTH   | PATRONS THIS MONTH |              |               |                     | MONTHLY REVENUE  |                  |                  |                     |
|-----------------------|--------------------|--------------|---------------|---------------------|------------------|------------------|------------------|---------------------|
|                       | Current            | Previous     | Prev 3 Yr Avg | Change from Average | Current          | Previous         | Prev 3 Yr Avg    | Change from Average |
| Lake St. Clair        | 3,727              | 946          | 734           | 408%                | \$ 18,555        | \$ 3,760         | \$ 3,348         | 454%                |
| Stony Creek Rip Slide | 1,659              | 1,265        | 634           | 162%                | \$ 10,066        | \$ 7,850         | \$ 3,809         | 164%                |
| KMP Splash            | 3,472              | 829          | 548           | 533%                | \$ 23,939        | \$ 3,465         | \$ 3,732         | 541%                |
| Lower Huron           | 0                  | 0            | 402           | -                   | \$ -             | \$ -             | \$ 5,257         | -                   |
| Willow                | 1,834              | 198          | 154           | 1088%               | \$ 8,736         | \$ 1,071         | \$ 882           | 890%                |
| Lake Erie             | 0                  | 0            | 181           | -                   | \$ -             | \$ -             | \$ 1,713         | -                   |
| <b>TOTALS</b>         | <b>10,692</b>      | <b>3,238</b> | <b>2,654</b>  | <b>303%</b>         | <b>\$ 61,295</b> | <b>\$ 16,146</b> | <b>\$ 18,741</b> | <b>227%</b>         |

| AQUATICS Y-T-D        | PATRONS Y-T-D |              |               |                     | REVENUE Y-T-D    |                  |                  |                     |
|-----------------------|---------------|--------------|---------------|---------------------|------------------|------------------|------------------|---------------------|
|                       | Current       | Previous     | Prev 3 Yr Avg | Change from Average | Current          | Previous         | Prev 3 Yr Avg    | Change from Average |
| Lake St. Clair        | 3,727         | 946          | 734           | 408%                | \$ 18,555        | \$ 3,760         | \$ 3,473         | 434%                |
| Stony Creek Rip Slide | 1,659         | 1,265        | 634           | 162%                | \$ 10,066        | \$ 7,850         | \$ 3,809         | 164%                |
| KMP Splash            | 3,472         | 829          | 548           | 533%                | \$ 23,939        | \$ 3,465         | \$ 5,165         | 363%                |
| Lower Huron           | 0             | 0            | 402           | -                   | \$ -             | \$ -             | \$ 5,257         | -                   |
| Willow                | 1,834         | 198          | 154           | 1088%               | \$ 8,936         | \$ 1,071         | \$ 949           | 842%                |
| Lake Erie             | 0             | 0            | 181           | -                   | \$ -             | \$ -             | \$ 1,738         | -                   |
| <b>TOTALS</b>         | <b>10,692</b> | <b>3,238</b> | <b>2,654</b>  | <b>303%</b>         | <b>\$ 61,495</b> | <b>\$ 16,146</b> | <b>\$ 20,391</b> | <b>202%</b>         |

HURON-CLINTON METROPARKS MONTHLY STATISTICS

May, 2022

| PARK                                   | Seasonal Activities this Month |          |               |                     | Monthly Revenue |           |               |                     |
|--|--------------------------------|----------|---------------|---------------------|-----------------|-----------|---------------|---------------------|
|  | Current                        | Previous | Prev 3 Yr Avg | Change from Average | Current         | Previous  | Prev 3 Yr Avg | Change from Average |
| <b>Lake St. Clair</b>                  |                                |          |               |                     |                 |           |               |                     |
| Welsh Center                           | 1                              | 1        | 2             | -50%                | \$ (200)        | \$ 3,650  | \$ 3,817      | -105%               |
| Shelters                               | 115                            | 120      | 59            | 94%                 | \$ 20,920       | \$ 21,975 | \$ 12,878     | 62%                 |
| Boat Launches                          | 638                            | 1,583    | 1,165         | -45%                | \$ -            | \$ -      | \$ -          | -                   |
| Marina                                 | 704                            | 415      | 248           | 184%                | \$ 2,215        | \$ 2,195  | \$ 991        | 124%                |
| Mini-Golf                              | 805                            | 876      | 459           | 76%                 | \$ 3,719        | \$ 4,069  | \$ 1,996      | 86%                 |
| <b>Wolcott</b>                         |                                |          |               |                     |                 |           |               |                     |
| Activity Center                        | 0                              | 0        | 3             | -                   | \$ -            | \$ -      | \$ 1,000      | -                   |
| <b>Stony Creek</b>                     |                                |          |               |                     |                 |           |               |                     |
| Disc Golf Daily                        | 2,034                          | 2,693    | 2,605         | -22%                | \$ 6,924        | \$ 9,219  | \$ 8,796      | -21%                |
| Disc Golf Annual                       | 22                             | 13       | 13            | 74%                 | \$ 1,300        | \$ 780    | \$ 740        | 76%                 |
| Total Disc Golf                        | 2,056                          | 2,706    | 2,617         | -21%                | \$ 8,224        | \$ 9,999  | \$ 9,536      | -14%                |
| Shelters                               | 97                             | 134      | 71            | 36%                 | \$ 21,825       | \$ 30,238 | \$ 16,067     | 36%                 |
| Boat Rental                            | 1,936                          | 2,810    | 1,933         | 0%                  | \$ 24,580       | \$ 33,379 | \$ 20,264     | 21%                 |
| Boat Launches                          | 94                             | 91       | 123           | -23%                | \$ -            | \$ -      | \$ -          | -                   |
| <b>Indian Springs</b>                  |                                |          |               |                     |                 |           |               |                     |
| Shelters                               | 20                             | 27       | 14            | 40%                 | \$ 2,950        | \$ 3,625  | \$ 2,058      | 43%                 |
| Event Room                             | 4                              | 3        | 3             | 50%                 | \$ 11,300       | \$ 9,200  | \$ 6,367      | 77%                 |
| <b>Kensington</b>                      |                                |          |               |                     |                 |           |               |                     |
| Disc Golf Daily                        | 3,119                          | 5,021    | 4,387         | -29%                | \$ 9,415        | \$ 16,403 | \$ 14,716     | -36%                |
| Disc Golf Annual                       | 33                             | 64       | 47            | -30%                | \$ 1,940        | \$ 3,640  | \$ 2,733      | -29%                |
| Total Disc Golf                        | 3,152                          | 5,085    | 4,434         | -29%                | \$ 11,355       | \$ 20,043 | \$ 17,449     | -35%                |
| Shelters                               | 80                             | 143      | 78            | 3%                  | \$ 16,700       | \$ 30,788 | \$ 17,988     | -7%                 |
| Boat Rental                            | 1,493                          | 1,372    | 888           | 68%                 | \$ 26,627       | \$ 22,479 | \$ 13,715     | 94%                 |
| <b>Huron Meadows</b>                   |                                |          |               |                     |                 |           |               |                     |
| Shelters                               | 9                              | 8        | 5             | 93%                 | \$ 1,600        | \$ 1,500  | \$ 900        | 78%                 |
| <b>Hudson Mills</b>                    |                                |          |               |                     |                 |           |               |                     |
| Disc Golf Daily                        | 1,362                          | 1,930    | 1,461         | -7%                 | \$ 4,086        | \$ 5,790  | \$ 4,383      | -7%                 |
| Disc Golf Annual                       | 19                             | 11       | 28            | -31%                | \$ 1,120        | \$ 640    | \$ 1,640      | -32%                |
| Total Disc Golf                        | 1,381                          | 1,941    | 1,489         | -7%                 | \$ 5,206        | \$ 6,430  | \$ 6,023      | -14%                |
| Shelters                               | 39                             | 25       | 15            | 166%                | \$ 6,000        | \$ 4,600  | \$ 2,733      | 120%                |
| Canoe Rental                           | 840                            | 775      | 373           | 125%                | \$ -            | \$ -      | \$ -          | -                   |
| <b>Lower Huron / Willow / Oakwoods</b> |                                |          |               |                     |                 |           |               |                     |
| Disc Golf Daily                        | 116                            | 324      | 220           | -47%                | \$ 348          | \$ 972    | \$ 661        | -47%                |
| Disc Golf Annual                       | 0                              | 0        | 0             | -                   | \$ -            | \$ -      | \$ -          | -                   |
| Total Disc Golf                        | 116                            | 324      | 220           | -47%                | \$ 348          | \$ 972    | \$ 661        | -47%                |
| Shelters                               | 55                             | 60       | 37            | 50%                 | \$ 17,250       | \$ 18,500 | \$ 9,800      | 76%                 |
| <b>Lake Erie</b>                       |                                |          |               |                     |                 |           |               |                     |
| Shelters                               | 8                              | 17       | 11            | -25%                | \$ 1,500        | \$ 3,700  | \$ 2,333      | -36%                |
| Boat Launches                          | 2,564                          | 1,765    | 2,674         | -4%                 | \$ -            | \$ -      | \$ -          | -                   |
| Marina                                 | 0                              | 0        | 0             | -                   | \$ 32,446       | \$ 34,908 | \$ 29,377     | 10%                 |

HURON-CLINTON METROPARKS MONTHLY STATISTICS

May, 2022

| PARK                                   | Seasonal Activities Y-T-D |          |               |                     | Seasonal Revenue Y-T-D |           |               |                     |
|--|---------------------------|----------|---------------|---------------------|------------------------|-----------|---------------|---------------------|
|  | Current                   | Previous | Prev 3 Yr Avg | Change from Average | Current                | Previous  | Prev 3 Yr Avg | Change from Average |
| <b>Lake St. Clair</b>                  |                           |          |               |                     |                        |           |               |                     |
| Welsh Center                           | 14                        | 16       | 21            | -33%                | \$ 35,800              | \$ 27,900 | \$ 24,108     | 48%                 |
| Shelters                               | 231                       | 262      | 166           | 39%                 | \$ 55,117              | \$ 43,475 | \$ 35,228     | 56%                 |
| Boat Launches                          | 659                       | 2,281    | 1,430         | -54%                | \$ -                   | \$ -      | \$ -          | -                   |
| Marina                                 | 708                       | 415      | 248           | 185%                | \$ 6,265               | \$ 5,725  | \$ 2,167      | 189%                |
| Mini-Golf                              | 805                       | 876      | 459           | 76%                 | \$ 3,719               | \$ 4,069  | \$ 1,996      | 86%                 |
| <b>Wolcott</b>                         |                           |          |               |                     |                        |           |               |                     |
| Activity Center                        | 5                         | 0        | 12            | -59%                | \$ 4,380               | \$ 4,225  | \$ 6,892      | -36%                |
| <b>Stony Creek</b>                     |                           |          |               |                     |                        |           |               |                     |
| Disc Golf Daily                        | 4,015                     | 7,179    | 4,695         | -14%                | \$ 13,293              | \$ 24,000 | \$ 15,696     | -15%                |
| Disc Annual                            | 112                       | 115      | 80            | 40%                 | \$ 6,560               | \$ 6,700  | \$ 4,600      | 43%                 |
| Total Disc Golf                        | 4,127                     | 7,294    | 4,775         | -14%                | \$ 19,853              | \$ 30,700 | \$ 20,296     | -2%                 |
| Shelters                               | 277                       | 311      | 200           | 39%                 | \$ 62,206              | \$ 70,076 | \$ 45,042     | 38%                 |
| Boat Rental                            | 1,936                     | 2,810    | 1,933         | 0%                  | \$ 24,580              | \$ 33,379 | \$ 20,264     | 21%                 |
| Boat Launches                          | 219                       | 242      | 233           | -6%                 | \$ -                   | \$ -      | \$ -          | -                   |
| <b>Indian Springs</b>                  |                           |          |               |                     |                        |           |               |                     |
| Shelters                               | 47                        | 40       | 28            | 70%                 | \$ 8,000               | \$ 6,100  | \$ 4,354      | 84%                 |
| Event Room                             | 18                        | 16       | 14            | 29%                 | \$ 53,450              | \$ 36,100 | \$ 28,700     | 86%                 |
| <b>Kensington</b>                      |                           |          |               |                     |                        |           |               |                     |
| Disc Golf Daily                        | 6,091                     | 12,359   | 8,216         | -26%                | \$ 18,461              | \$ 42,897 | \$ 27,694     | -33%                |
| Disc Annual                            | 202                       | 301      | 190           | 6%                  | \$ 11,920              | \$ 17,620 | \$ 11,187     | 7%                  |
| Total Disc Golf                        | 6,293                     | 12,660   | 8,406         | -25%                | \$ 30,381              | \$ 60,517 | \$ 38,881     | -22%                |
| Shelters                               | 255                       | 324      | 236           | 8%                  | \$ 57,188              | \$ 68,763 | \$ 52,363     | 9%                  |
| Boat Rental                            | 1,493                     | 1,372    | 888           | 68%                 | \$ 26,627              | \$ 22,479 | \$ 13,715     | 94%                 |
| <b>Huron Meadows</b>                   |                           |          |               |                     |                        |           |               |                     |
| Shelters                               | 25                        | 27       | 19            | 34%                 | \$ 4,800               | \$ 5,000  | \$ 3,517      | 36%                 |
| <b>Hudson Mills</b>                    |                           |          |               |                     |                        |           |               |                     |
| Disc Golf Daily                        | 2,748                     | 4,131    | 2,822         | -3%                 | \$ 8,244               | \$ 12,393 | \$ 8,466      | -3%                 |
| Disc Annual                            | 102                       | 79       | 104           | -2%                 | \$ 5,920               | \$ 4,640  | \$ 6,113      | -3%                 |
| Total Disc Golf                        | 2,850                     | 4,210    | 2,926         | -3%                 | \$ 14,164              | \$ 17,033 | \$ 14,579     | -3%                 |
| Shelters                               | 102                       | 83       | 44            | 130%                | \$ 17,700              | \$ 13,900 | \$ 7,850      | 125%                |
| Canoe Rental                           | 840                       | 775      | 373           | 125%                | \$ -                   | \$ -      | \$ -          | -                   |
| <b>Lower Huron / Willow / Oakwoods</b> |                           |          |               |                     |                        |           |               |                     |
| Disc Golf Daily                        | 247                       | 913      | 538           | -54%                | \$ 1,041               | \$ 2,745  | \$ 1,616      | -36%                |
| Disc Annual                            | 9                         | 9        | 7             | 23%                 | \$ 480                 | \$ 500    | \$ 420        | 14%                 |
| Total Disc Golf                        | 256                       | 922      | 545           | -53%                | \$ 1,521               | \$ 3,245  | \$ 2,036      | -25%                |
| Shelters                               | 181                       | 147      | 125           | 45%                 | \$ 48,075              | \$ 37,000 | \$ 28,708     | 67%                 |
| <b>Lake Erie</b>                       |                           |          |               |                     |                        |           |               |                     |
| Shelters                               | 22                        | 31       | 29            | -25%                | \$ 4,500               | \$ 6,700  | \$ 6,433      | -30%                |
| Boat Launches                          | 5,369                     | 4,931    | 5,930         | -9%                 | \$ -                   | \$ -      | \$ -          | -                   |
| Marina                                 | 0                         | 0        | 0             | -                   | \$ 72,085              | \$ 69,363 | \$ 53,300     | 35%                 |

| INTERPRETIVE FACILITIES |   |          |               |                     |                    |          |               |                     |
|-------------------------|---|----------|---------------|---------------------|--------------------|----------|---------------|---------------------|
| PARK                    | Monthly Patrons Served                                |          |               |                     | YTD Patrons Served |          |               |                     |
|                         | (total program participants and non-program visitors) |          |               |                     |                    |          |               |                     |
|                         | Current   | Previous | Prev 3 Yr Avg | Change from Average | Current            | Previous | Prev 3 Yr Avg | Change from Average |
| Lake St Clair           | 21,222  | 20,241   | 20,021        | 6%                  | 48,360             | 59,789   | 55,366        | -13%                |
| Wolcott Mill            | 1,309   | 4,563    | 2,380         | -45%                | 7,251              | 22,404   | 11,794        | -39%                |
| Wolcott Farm            | 6,144   | 5,342    | 3,829         | 60%                 | 16,302             | 18,514   | 12,644        | 29%                 |
| Stony Creek             | 18,246  | 25,892   | 21,784        | -16%                | 61,325             | 76,984   | 68,988        | -11%                |
| Eastern Mobile Center   | 2,587   | 383      | 990           | 161%                | 6,010              | 912      | 2,665         | 126%                |
| Indian Springs          | 7,471   | 4,919    | 6,618         | 13%                 | 18,411             | 19,706   | 20,431        | -10%                |
| Kens NC                 | 36,525  | 37,916   | 40,842        | -11%                | 131,142            | 169,528  | 151,658       | -14%                |
| Kens Farm               | 30,868  | 32,567   | 21,145        | 46%                 | 100,000            | 114,403  | 80,778        | 24%                 |
| Western Mobile Center   | 1,581   | 769      | 783           | 102%                | 4,155              | 1,594    | 2,568         | 62%                 |
| Hudson Mills            | 3,880   | 2,845    | 3,075         | 26%                 | 17,478             | 13,919   | 14,736        | 19%                 |
| Oakwoods                | 15,150  | 12,851   | 15,893        | -5%                 | 55,239             | 57,905   | 59,799        | -8%                 |
| Lake Erie               | 15,337  | 16,815   | 18,454        | -17%                | 66,278             | 78,993   | 73,741        | -10%                |
| Southern Mobile Center  | 1,870   | 728      | 866           | 116%                | 6,187              | 2,430    | 3,509         | 76%                 |
| Totals                  | 162,190   | 165,831  | 156,679       | 4%                  | 538,138            | 637,081  | 558,677       | -4%                 |

| PARK                   | Monthly Revenue |          |               |                     | YTD Revenue |           |               |                     |
|------------------------|-----------------|----------|---------------|---------------------|-------------|-----------|---------------|---------------------|
|                        | Current         | Previous | Prev 3 Yr Avg | Change from Average | Current     | Previous  | Prev 3 Yr Avg | Change from Average |
| Lake St Clair          | \$ 5,994        | \$ 280   | \$ 1,546      | 288%                | \$ 9,955    | \$ 1,387  | \$ 6,305      | 58%                 |
| Wolcott Mill           | \$ -            | \$ 100   | \$ 361        | -                   | \$ -        | \$ 3,292  | \$ 2,531      | -                   |
| Wolcott Farm           | \$ 4,625        | \$ 1,039 | \$ 3,600      | 28%                 | \$ 8,625    | \$ 2,673  | \$ 17,836     | -52%                |
| Wagon Rides            | \$ -            | \$ -     | \$ -          | -                   | \$ -        | \$ -      | \$ -          | -                   |
| Livestock/Produce      | \$ 869          | \$ 1,560 | \$ 1,906      | -54%                | \$ 15,893   | \$ 16,920 | \$ 19,759     | -20%                |
| FARM TOTAL             | \$ 5,494        | \$ 2,599 | \$ 5,506      | 0%                  | \$ 24,518   | \$ 19,593 | \$ 37,594     | -35%                |
| Stony Creek            | \$ 4,089        | \$ 347   | \$ 987        | 314%                | \$ 12,476   | \$ 2,676  | \$ 5,267      | 137%                |
| Eastern Mobile Center  | \$ -            | \$ -     | \$ 725        | -                   | \$ 500      | \$ -      | \$ 3,134      | -84%                |
| Indian Springs         | \$ 1,256        | \$ 55    | \$ 1,802      | -30%                | \$ 4,395    | \$ 2,634  | \$ 6,029      | -27%                |
| Kens NC                | \$ 5,114        | \$ 2,669 | \$ 3,769      | 36%                 | \$ 9,031    | \$ 3,933  | \$ 8,156      | 11%                 |
| Kens Farm              | \$ 7,974        | \$ 1,013 | \$ 3,242      | 146%                | \$ 39,150   | \$ 19,664 | \$ 21,691     | 80%                 |
| Wagon Rides            | \$ 1,358        | \$ -     | \$ 663        | 105%                | \$ 5,235    | \$ 150    | \$ 3,271      | 60%                 |
| Livestock/Produce      | \$ -            | \$ -     | \$ 481        | -                   | \$ 1,746    | \$ -      | \$ 886        | 97%                 |
| FARM TOTAL             | \$ 9,332        | \$ 1,013 | \$ 4,387      | 113%                | \$ 46,132   | \$ 19,814 | \$ 25,848     | 78%                 |
| Western Mobile Center  | \$ 450          | \$ -     | \$ 679        | -34%                | \$ 3,228    | \$ -      | \$ 5,510      | -41%                |
| Hudson Mills           | \$ 3,523        | \$ 1,498 | \$ 1,025      | 244%                | \$ 12,166   | \$ 6,717  | \$ 5,724      | 113%                |
| Oakwoods               | \$ 338          | \$ 288   | \$ 2,332      | -86%                | \$ 1,433    | \$ 2,292  | \$ 5,183      | -72%                |
| Lake Erie              | \$ 1,484        | \$ 319   | \$ 594        | 150%                | \$ 3,797    | \$ 1,675  | \$ 2,238      | 70%                 |
| Southern Mobile Center | \$ 453          | \$ -     | \$ 1,022      | -56%                | \$ 3,205    | \$ -      | \$ 4,115      | -22%                |
| Totals                 | \$ 37,527       | \$ 9,168 | \$ 24,736     | 52%                 | \$ 130,835  | \$ 64,013 | \$ 117,634    | 11%                 |



| BREAKDOWN OF ATTENDANCE | ON-SITE Programs and Attendance |               |               |              | OFF-SITE Programs and Attendance |              |               |              |
|-------------------------|---------------------------------|---------------|---------------|--------------|----------------------------------|--------------|---------------|--------------|
|                         | CURRENT YEAR                    |               | PREVIOUS YEAR |              | CURRENT YEAR                     |              | PREVIOUS YEAR |              |
|                         | Programs                        | Attendance    | Programs      | Attendance   | Programs                         | Attendance   | Programs      | Attendance   |
| Lake St Clair           | 113                             | 3,037         | 22            | 371          | -                                | -            | 3             | 70           |
| Wolcott Mill            | -                               | -             | -             | -            | -                                | -            | -             | -            |
| Wolcott Farm            | 40                              | 1,005         | 31            | 320          | -                                | -            | -             | -            |
| Stony Creek             | 58                              | 1,702         | 27            | 892          | -                                | 44           | -             | -            |
| Eastern Mobile Center   |                                 |               |               |              | 44                               | 2,587        | 17            | 383          |
| Indian Springs          | 16                              | 682           | 18            | 281          | -                                | -            | -             | -            |
| Kens NC                 | 45                              | 1,161         | 20            | 461          | -                                | -            | -             | -            |
| Kens Farm               | 127                             | 2,068         | 84            | 3,383        | -                                | -            | -             | -            |
| Western Mobile Center   |                                 |               |               |              | 43                               | 1,581        | 43            | 769          |
| Hudson Mills            | 10                              | 380           | 19            | 345          | -                                | -            | -             | -            |
| Oakwoods                | 51                              | 818           | 16            | 268          | 11                               | 463          | 6             | 94           |
| Lake Erie               | 30                              | 499           | 13            | 79           | 2                                | 60           | 6             | 91           |
| Southern Mobile Center  |                                 |               |               |              | 53                               | 1,734        | 35            | 728          |
| <b>Totals</b>           | <b>490</b>                      | <b>11,352</b> | <b>250</b>    | <b>6,400</b> | <b>153</b>                       | <b>6,469</b> | <b>110</b>    | <b>2,135</b> |

| BREAKDOWN OF ATTENDANCE | OTHER VISITORS<br>(Non-programs) |                |
|-------------------------|----------------------------------|----------------|
|                         | Current                          | Previous       |
| Lake St Clair           | 18,185                           | 19,800         |
| Wolcott Mill            | 1,309                            | 4,563          |
| Wolcott Farm            | 5,139                            | 5,022          |
| Stony Creek             | 16,500                           | 25,000         |
| Indian Springs          | 6,789                            | 4,638          |
| Kens NC                 | 35,364                           | 37,455         |
| Kens Farm               | 28,800                           | 29,184         |
| Hudson Mills            | 3,500                            | 2,500          |
| Oakwoods                | 13,869                           | 12,489         |
| Lake Erie               | 14,778                           | 16,645         |
| <b>Totals</b>           | <b>144,233</b>                   | <b>157,296</b> |

"ON-SITE" - Statistics includes both programs offered to the public and programs offered to school and scout groups.

"OFF-SITE" - Statistics includes outreach programs at schools, special events such as local fairs, or outdoor related trade shows.

"OTHER VISITORS" - Represents patrons to interpretive centers who visit to view exhibits, walk trails, and generally just enjoy the outdoors.