

Agenda
Huron-Clinton Metropolitan Authority
Board of Commissioners
September 9, 2021 – 1:00 pm

Lake Erie Metropark – Pool Food Bar and via Zoom (for the public)

<https://us02web.zoom.us/j/9800687134?pwd=ak1WMTIPNUIUcEUycHpTWW95MTErUT09>

Meeting ID: 980 068 7134 / **Passcode:** HCMABOC

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

1. Call to Order
2. Chairperson's Statement
3. Public Participation
4. Approval – August 12, 2021 regular meeting minutes
5. Approval – September 9, 2021 Full Agenda

Consent Agenda

6. Approval – September 9, 2021 Consent Agenda
 - a. Approval – August 2021 Financial Statements
 - b. Approval – August 2021 Appropriation Adjustments **pg. 1**
 - c. Report – Monthly 2021 Capital Project Fund Update **pg. 4**
 - d. Report – Monthly 2021 Major Maintenance Update **pg. 9**
 - e. Report – Purchases over \$10,000 **pg. 13**
 - f. Purchases
 1. Total Spend and Vendor Location **pg. 14**

Regular Agenda

7. Reports

A. *Planning Department*

1. Report – Visitation/Permit Scanning Update **pg. 16**

B. *Financial Department*

1. Report – Monthly Financial Review **pg. 25**

C. *Administrative Office*

1. Approval – 2022 Part-Time and Seasonal Employee Wage Scale **pg. 36**
2. Approval – Cell Tower Land Lease Agreement, Stony Creek Metropark **pg. 37**
3. Approval – 2022 Fees and Charges **pg. 71**

D. *Departmental Updates*

1. Report – Natural Resources Update **pg. 92**
2. Report – Marketing Update **pg. 100**
3. Report – DEI Update **pg. 108**
4. Report – Planning and Development Update **pg. 116**
5. Report – Interpretive Services Update **pg. 135**

E. *Engineering Department*

1. Approval – Marathon Pipeline Easement, Oakwoods Metropark **pg. 144**
2. Approval – Washago Pond Area Restoration **pg. 171**
3. Bids – Pool Conduit and Wiring Repair, Lake St. Clair Metropark **pg. 173**

8. Leadership Update
 - a. Approval – Board Retreat Subcommittee Recommendation **pg. 176**
9. Other Business
 - a. Appoint – At Large Member, Pension Committee/Retiree Health Care Trust **pg. 177**
 - b. Appoint – Board of Commissioners Treasurer **pg. 178**
10. Public Participation
11. Commissioner Comments
12. Motion to Adjourn

The next regular Metroparks Board meeting will take place
Thursday, October 14, 2021 – 1:00 p.m.
Administration Office – Board Room



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Approval – August Appropriation Adjustments
Date: September 3, 2021

Action Requested: Motion to Approve

That the Board of Commissioners approve the August 2021 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 August, \$166,659 was transferred between general fund operation accounts and \$38,519 was transferred within capital project accounts. Tax adjustments resulted in an additional increase in fund balance of \$10,288.

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

Attachment: Appropriation Adjustments

Huron-Clinton Metropolitan Authority
August 2021 Appropriation Transfer Summary

Expense Accounts	Location	Expense Increase/ Revenue Decrease	Expense Decrease/ Revenue Increase	Difference
Capital Equipment	Wolcott	\$ 5,256	\$ 2,000	\$ 3,256
Major Maintenance	Administrative	\$ 111	\$ 15,073	\$ (14,962)
	Lake St. Clair	2,438	-	2,438
	Kensington	1,976	-	1,976
	Lower Huron/Willow/Oakwoods	2,176	-	2,176
	Hudson Mills	74	-	74
	Lake Erie	1,649	-	1,649
	Indian Springs	1,841	-	1,841
	Huron Meadows	4,808	-	4,808
	Total	\$ 20,329	\$ 17,073	\$ 3,256
Operations	Administrative	\$ 1,781	\$ 3,781	\$ (2,000)
	Lake St. Clair	9,280	9,280	-
	Kensington	20,900	20,900	-
	Lower Huron/Willow/Oakwoods	3,000	3,000	-
	Stony Creek	39,000	39,000	-
	Lake Erie	5,000	3,000	2,000
	Wolcott	55,350	58,606	(3,256)
	Indian Springs	5,075	5,075	-
	Huron Meadows	6,944	6,944	-
	Total	\$ 146,330	\$ 149,586	\$ (3,256)
Total General Fund Transfers		\$ 166,659	\$ 166,659	\$ -
Capital Project Fund	Administrative	\$ -	\$ 38,519	\$ (38,519)
	Lake St. Clair	652	-	652
	Kensington	5,106	-	5,106
	Lower Huron/Willow/Oakwoods	22,107	-	22,107
	Hudson Mills	1,430	-	1,430
	Stony Creek	9,094	-	9,094
	Lake Erie	130	-	130
	Total	\$ 38,519	\$ 38,519	\$ 0

Huron-Clinton Metropolitan Authority
August 2021 Appropriation Transfer Summary

Foundation/Donation Funding		Expense Increase	Revenue Increase	Net
Administrative			\$ 10,889	\$ 10,889
Hudson Mills		3,713	15,450	11,737
Wolcott		10,889	-	(10,889)
	Total	\$ 14,602	\$ 26,339	\$ 11,737
 Tax Adjustment				
Current		3,246	-	(3,246)
Prior		7,042	-	(7,042)
	Total	\$ 10,288	\$ -	\$ (10,288)



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Capital Project Fund
Date: September 3, 2021

Action Requested: Motion to Receive and File

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

Background: In 2018, the Board of Commissioners approved the creation of a capital project fund. To support the information provided on specific capital improvement projects Finance initially provided the following data:

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 August 2021 were primarily related to staff time. The following projects had expenses during the month:

- Willow – Park Office Building Replacement
- Lower Huron – North Fishing Site Redevelopment

Attachment: August 2021 Capital Project Fund Update

August Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
Lake St Clair	Pump Station No. 1 Replacement-SAW Grant	Sewer pump station replacement near Nature Center	445,172		Completed	2021
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.	253,000	\$ 160,000	In Design	2022
Lake St Clair	Accessible Kayak Launch & Power Installation		50,000			
Lake St Clair	Backup Internet Fiber Installation	Comcast installation of underground fiber network	40,000		Complete	2021
Lake St Clair	Electrical Grid Replacement - Design in 2020	Assessments, cost estimates, and project development for future projects to address electrical power infrastructure upgrades and repairs.	802,216		Currently finalizing alignment for phase I	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.	471,355	292,167	Completed	2023
Lake St Clair	Michigan Coastal Management Program-Accessible Launch	Accessible Kayak Launch - grant application has been made to Michigan Coastal Management Program.	392,850	196,425	Awaiting grant award	2023
Kensington	Maple Beach Site Improvements	Construction of site and restroom facilities	1,096,852		Completed	2021
Kensington	Maple Beach - Universal Accessible Playground	Construction of a new playground at Maple Beach	553,872		Completed	2021
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.	316,345	154,000	In Design	2022
Kensington	Farm Center Sidewalk Replacement	Replacement of the looped walkway around the animal pens for the public	169,373		In construction	2021
Dexter-Delhi	Relocating Concessionaire Canoe Livery Building	Construction of a new building and use area for concessionaire operation within East Delhi. The expanded Border to Border trail development utilizes the former site. The project moves operations to Delhi to address current tolling and overflow parking issues.	98,306	5,000	Project has been cancelled	2021
Lower Huron	North Fishing Site Redevelopment	Land and Water Conservation Fund grant funded project to develop an accessible kayak launch and associated site amenities at the North Fishing Site.	297,125	144,400	Completed	2021
Lower Huron	Backup Internet Fiber Installation	Comcast installation of underground fiber network	185,362		In Construction	2021
Lower Huron	Woods Creek Playground Development	Space-themed regional playground near the Woods Creek picnic area on the former pool site.	1,313,266		In Construcion	2021
Lower Huron	Toll Booth Replacement and Paving	Toll Booth replacement on existing pedestal at Oakwoods and Lower Huron - Beemis Road entrance.	30,000		Awaiting Quote from Sole Source Provider	2021
Lower Huron	Turtle Cove Crosswalk Path	Construction of a path and crosswalk from the Foxwoods parking lot to Turtle Cove	96,290		In Design	2021
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)	842,236	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	2023
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	2023

August Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
Hudson Mills	Backup Internet Fiber Installation	Comcast to install new fiber network lines. No construction costs at this location in contract with Comcast - funds may be needed at other locations	7,994		Cancel - funding available	
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	476,424	226,900	In Design	2022
Hudson Mills	Toll Booth Removal and Replacement	Toll Booth replacement on existing pedestal, unit delivered awaiting installation spring 2021.	17,992		Completed	2021
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	386,278	192,700	Awaiting Grant Agreement	2022
Hudson Mills	UST Removal	Removal of underground storage tank at Golf Course	0	0	In Construction	2021
Stony Creek	Baypoint Beach Site Improvements	Construction of restroom and site work for support of Baypoint Beach	1,361,859		Completed	2021
Stony Creek	Shelden Trails Redevelopment	Redevelopment of the multi-use natural surface Shelden Trails system	863,549	50,000	In Construction	2021
Stony Creek	Boat Launch Building Redevelopment	Construction of a new restroom and shade structure at the boat launch facility	1,633,608	50,000	Construction Beginning	2021
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	183,575		In Construction	2021
Stony Creek	Backup Internet Fiber Installation	Comcast installation of underground fiber network	80,000		Substantially Completed	2021
Stony Creek	Shore Fishing Vault Latrine Replacement	Replace Vault Latrine at Shore Fishing area	411		In Construction	
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	21,248		Design Complete - State is reviewing	2021
Stony Creek	Baypoint Beach Grinder Pump Installation	Installation of five septic tank filter systems to resolve the issue.	132,846		Completed	2021
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		Funded	2023
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.	2,446,875		In Construction - Framing	2021
Willow	Main Park Road Culvert Replacements near Acorn Knoll	Replacement of failing culvert on main loop road.	40,000		In Construction	2021
Willow	Backup Internet Fiber Installation	Comcast to install new fiber network lines. Initial proposal - zero construction cost - now deemed unseverable - IT reviewing options with Comcast	0		In Review	
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	508,103	250,000	Design Starting	2023
Oakwoods	Nature Center Exhibit Design & lighting/electrical	Design, production and installation of interpretive exhibits. Includes updated flooring, lighting and electrical.	728,396		Completed	2021
Oakwoods	Backup Internet Fiber Installation	Comcast to install new fiber network lines. Initial proposal - zero construction cost - now deemed unseverable - IT reviewing options with Comcast	0		In Review	2021
Oakwoods	Accessible Nature Trail Development	Land and Water Conservation Fund grant funded project to develop an accessible nature trail and make associated site improvements	248,000	124,000	Awaiting Grant Agreement	2022

August Capital Project Fund Report - Project Summary

Location	Original Project Title	Project Description	Amended Budget	Available Grant Funding	Project Status	Estimated Completion Year
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.	1,619,394	1,404,353	In Design	2022
Lake Erie	Boat Launch Fish Cleaning Station	Installation of an onsite fish cleaning station at the boat launch facility	45,000		Funded	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	245,133	122,500	Awaiting grant agreement	2023
Wolcott	Phase Two - Animal Pen Fencing Replacement	Replacement of deteriorated animal pen fencing	42,485		Complete	2021
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		Funded	2024
Indian Springs	Backup Internet Fiber Installation	Comcast to install new fiber network lines. No construction costs at this location in contract with Comcast - funds may be needed at other locations	7,758		Cancel - funding available	2021
Huron Meadows	Backup Internet Fiber Installation	Comcast to install new fiber network lines. Initial proposal - zero construction cost - now deemed unservable - IT reviewing options with Comcast	0		In Review	2021
			<u>\$ 21,666,904</u>	<u>\$ 4,476,587</u>		

Capital Project Status Report
As of 8/31/2021

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	Pump Station No. 1 Replacement-SAW Grant	\$ 350,990	\$ 445,172	\$ 27,404	\$ 421,277	\$ -	\$ 23,895	
Lake St Clair	Black Creek Marsh Wetland Filtration Enhancement	253,000	253,000	-	-	-	253,000	160,000
Lake St Clair	Accessible Kayak Launch & Power Installation	50,000	50,000	-	-	-	50,000	
Lake St Clair	Backup Internet Fiber Installation	40,000	40,000	-	-	30,815	9,185	
Lake St Clair	Electrical Grid Replacement - Design in 2020	802,216	802,216	15,982	15,982	95,634	690,600	
Lake St Clair	Beach Restoration	400,000	471,355	252,535	263,193	194,855	13,307	292,167
Lake St Clair	Michiagn Coastal Management Program-Accessible Launch	392,850	392,850	-	-	-	392,850	196,425
Kensington	Maple Beach Site Improvements	820,396	1,096,852	50,223	1,077,011	-	-	
Kensington	Maple Beach - Universal Accessible Playground	525,000	553,872	88,501	493,184	-	60,688	
Kensington	West Boat Launch - Accessible Kayak Launch	308,000	316,345	4,039	8,345	-	308,000	154,000
Kensington	Farm Center Sidewalk Replacement	150,000	169,373	19,373	19,373	142,803	7,197	
Dexter-Delhi	Relocating Concessionaire Canoe Livery Building	75,000	98,306	28,255	45,861	-	52,445	5,000
Lower Huron	North Fishing Site Redevelopment	288,800	297,125	250,643	278,020	-	19,105	144,400
Lower Huron	Backup Internet Fiber Installation	205,000	185,362	-	150,000	33,702	1,660	
Lower Huron	Woods Creek Playground Development	1,300,000	1,313,266	13,266	13,266	1,394,030	(94,030)	
Lower Huron	Toll Booth Replacement and Paving	30,000	30,000	-	-	21,840	8,160	
Lower Huron	Turtle Cove Crosswalk Path	90,000	96,290	6,290	6,290	-	90,000	
Lower Huron	Iron Bell Trail Project	716,700	842,236	27,318	27,318	45,186	769,731	488,742
Lower Huron	Walnut Grove Campground Improvements	784,600	784,600	-	-	-	784,600	450,000
Lower Huron	Off Leash Dog Area Development	330,800	330,800	-	-	-	330,800	165,400
Hudson Mills	Backup Internet Fiber Installation	40,000	7,994	-	-	-	7,994	
Hudson Mills	Rapids View area Development	453,800	476,424	18,324	22,624	-	453,800	226,900
Hudson Mills	Toll Booth Removal and Replacement	80,000	17,992	-	12,346	-	5,646	
Hudson Mills	Hike Bike Trail Reconstruction	-	-	205	205	-	(205)	
Hudson Mills	Picnic Area Development at Canoe Launch	385,500	386,278	778	778	-	385,500	192,700
Hudson Mills	UST Removal	-	-	2,305	2,305	-	(2,305)	
Stony Creek	Baypoint Beach Site Improvements	847,736	1,361,859	76,734	1,159,170	110,599	92,090	
Stony Creek	Shelden Trails Redevelopment	182,689	863,549	153,043	478,496	29,500	355,553	50,000
Stony Creek	Boat Launch Building Redevelopment	1,750,000	1,633,608	54,092	147,714	1,668,221	(182,327)	50,000
Stony Creek	Development of Off Leash Dog Area	138,500	183,575	19,042	20,067	163,508	0	
Stony Creek	Backup Internet Fiber Installation	80,000	80,000	-	-	70,407	9,593	
Stony Creek	Shore Fishing Vault Latrine Replacement	-	411	411	411	-	-	
Stony Creek	26 Mile Rd. Connector - Bike Path	-	21,248	10,683	21,248	-	-	
Stony Creek	Baypoint Beach Grinder Pump Installation	150,000	132,846	103,646	103,646	-	29,200	
Stony Creek	Golf Course Pumphouse & Irrigation System Replacement	1,000,000	1,000,000	-	-	-	1,000,000	
Willow	Park Office Replacement	2,121,300	2,446,875	882,386	1,063,852	1,387,004	(3,981)	
Willow	Main Park Road Culvert Replacements near Acorn Knoll	40,000	40,000	-	-	-	40,000	
Willow	Backup Internet Fiber Installation	40,000	-	-	-	-	-	
Willow	Big Bend Shoreline Protection	501,593	508,103	6,510	6,510	-	501,593	250,000
Oakwoods	Nature Center Exhibit Design & lighting/electrical	720,000	728,396	108,003	725,666	5,806	(3,077)	
Oakwoods	Backup Internet Fiber Installation	40,000	-	-	-	-	-	
Oakwoods	Accessible Nature Trail Development	248,000	248,000	-	-	-	248,000	124,000
Lake Erie	Shoreline and Fish Habitat Restoration	1,600,000	1,619,394	23,548	139,456	58,358	1,421,580	1,404,353
Lake Erie	Boat Launch Fish Cleaning Station	45,000	45,000	-	-	-	45,000	
Lake Erie	Accessible Kayak Launch with Area Development	245,000	245,133	-	133	-	245,000	122,500
Wolcott	Phase Two - Animal Pen Fencing Replacement	30,000	42,485	6,981	12,485	-	30,000	
Wolcott	Farm to Mill Trail Connector	1,000,000	1,000,958	-	958	-	1,000,000	
Indian Springs	Backup Internet Fiber Installation	40,000	7,758	-	-	-	7,758	
Huron Meadows	Backup Internet Fiber Installation	80,000	-	-	-	-	-	
			<u>\$ 21,666,904</u>	<u>\$ 2,250,520</u>	<u>\$ 6,737,191</u>	<u>\$ 5,452,267</u>	<u>\$ 9,457,606</u>	<u>\$ 4,476,587</u>



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – Monthly Major Maintenance Update
Date: September 3, 2021

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. We utilize a project accounting system to budget, record and report these costs. To provide the Board of Commissioners and the broader public with improved information surrounding major maintenance projects we have developed a monthly Major Maintenance Status Report.

This report is modeled after the revised Capital Project Fund report that was shared at the April Board of Commissioners meeting. The format 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 August, there has been a lot of work contracted or started and year-to-date expenses are 43.5 percent of the total budget.

Attachment: August 2021 Major Maintenance Status Report

Major Maintenance Status Report
As of 8/31/2021

Location	Project Title	Project Description	Original Budget Funding	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status
Administrative Office	Window Replacement	Replace selected windows throughout the building to allow operable windows increasing external air flow into building.	115,000	117,295	13,531	13,531	103,764	0	Under contract
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	1,170	15,292	1,170	15,292	0	0	Funded as a carry-over from 2020
Lake St Clair	Boardwalk Decking & Replacement	Replaces a section of boardwalk decking on the east section of boardwalk. More phases will be need in subsequent years	156,508	156,508	156,508	156,508	0	(0)	Completed
Lake St Clair	Park Office Boiler Replacement	Replaces the second of two boilers in the LSC office and food bar building. The first was replaced in a previous project.	65,000	25,803	20,128	20,128	5,675	0	In construction
Lake St Clair	ADA Accessibility Improvements	This will bring three additional shelters up to ADA standards including 12 ADA accessible tables and one large ADA grill per shelter	20,000	0	0	0	0	0	Work is planned for fall of 2021
Lake St Clair	Spray Zone Pump Replacement	Facility utilizes two pumps for full pressure. One has currently failed and is planned for replacement	18,500	12,285	12,285	12,285	0	0	Under contract - work to be completed prior during May
Lake St Clair	Fishing Pier Repairs	Two fishing piers located on the point have experienced ice damage to support. One is still useable with damage. This project will lift and replace support allowing both to be functional again.	12,000	0	0	0	0	0	Cancelled
Lake St Clair	Adventure Golf Carpet Replacement	Approximately 1,000 yards of carpet to cover all 18 holes at course.	33,000	27,613	27,613	27,613	0	(0)	Scheduled for June installation
Lake St Clair	Pickle Ball Court Conversion	Converts an existing tennis court to pickle ball courts.	12,000	11,727	2,827	2,827	0	8,900	Completed
Lake St Clair	Hike Bike Trail Reconstruction at Park Entrance	The existing paved surface is failing and in poor condition, this project will resurface the existing bike trail from the entrance to the Nature Center	243,600	212,492	198,931	198,931	0	13,561	Completed
Lake St Clair	Pool Slide Pump Conduit & Conductor Replacement	Replace pump on pool slide	-	6,107	6,107	6,107	0	0	Under Contract
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	0	0	0	0	0	Funded
Lake St Clair	Stormwater Drainage Repairs on Culverts	Replacement of deteriorated culverts throughout the park	45,000	0	0	0	0	0	Funded
Lake St Clair	Pool Slide Repair	This project will install a gel coating to cover the pool slides improving safety for park patrons	11,800	0	0	0	0	0	Targeted to start after the season
Lake St Clair	Sidewalk at North Marina Shore	This project has been incorporated with the bike trail entrance repairs, will will replace the failing sidewalk along the North Marina	20,000	0	0	0	0	0	Completed
Kensington	Splash Pad Programming & Hardware Updates	Replaces the existing controls and programming for the operation of the Splash-n-Blast at Kensington	22,100	25,907	25,907	25,907	0	0	Completed
Kensington	Dam Concrete Work	Fix concrete spalling	100,000	1,849	1,849	1,849	0	0	Work targeted for the fall season when the waterlevels are lowered
Kensington	Maple Beach Irrigation Replacement	The project will install new irrigation lines and heads at Maple beach around the the restroom building	100,000	39,544	44,074	44,074	0	(4,530)	Substantially Complete
Kensington	Playground Mulch Installation	Annual mulch replenishment to meet safety requirements	-	13,134	13,134	13,134	0	0	Completed
Kensington	Historic Barn Roof Replacement	Replacing the deteriorated cedar shake roof.	21,000	17,385	17,705	17,705	0	(320)	Completed
Kensington	Hike Bike Trail Reconstruction-Nature Center to West Boat Launch	Replaces the existing failing asphalt surface on the bike trail	-	228,480	154,473	154,473	74,742	(735)	Completed
Kensington	Farm Septic Tank Repair Phase 2		-	342	1,278	1,278	0	(936)	
Kensington	Boat Launch Building & Seawall Repairs	Repairs to the steel on the existing seawall	30,000	0	0	0	0	0	In design - anticipate fall construction
Kensington	Trail Improvements - Playfield top of hill (Maple towards Possum)	Replaces the existing failing asphalt surface on the bike trail. This project is combined with the Nature Center to West Boat Launch work	165,000	0	0	0	0	0	Completed
Kensington	Trail Improvements - Martindale North to Shore Fishing	Replaces the existing failing asphalt surface on the bike trail	427,000	0	0	0	0	0	Engineering is evaluating - anticipate fall construction
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.	17,392	17,614	222	222	17,392	0	Contractor looking to install in Fall
Lower Huron	Turtle Cove Slide Tower and Support Structure Painting	Body slide and tube slide tower structure at Turtle Cove. Necessary for integrity of structure to resist chemical damage and rust build up.	70,000	42,441	2,028	2,028	0	40,413	Funded

Major Maintenance Status Report
As of 8/31/2021

Location	Project Title	Project Description	Original Budget Funding	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status
Lower Huron	Turtle Cove lazy river VFD panels Repairs	Awaiting DTE Power quality assessment to determine if repairs or replacements are needed. This is for the control boards for two lazy river turbine motors at Turtle Cove.	15,000	0	0	0	0	0	Funded
Lower Huron	Lower Huron Upgrade Pump at Tulip Tree Comfort Station	Grinder pump upgrade for the comfort station that services both Tulip Tree and Walnut Grove Campground comfort stations.	15,000	0	0	0	0	0	Funded
Lower Huron	Lower Huron Replace Culvert on Bike Trail at LH South End	Replace culvert under the hike bike trail located near the south entrance of Lower Huron Metropark.	30,000	0	0	0	0	0	In construction
Lower Huron	Washago Pond Dam Repairs	Diver assessment of dam reappear needed at Washago pond dam. Anticipating a short term repair and assessment for a more permanent long term repair.	15,000	0	0	0	0	0	In Evaluation
Lower Huron	ADA Cement Pad for Grills	Continuation of ADA upgrades at Lower Huron/Willow shelters. Cement pads extension of shelter cement pad for ADA grill.	20,000	0	0	0	0	0	Park starting work
Hudson Mills	Golf Starter Building Roof Replacement	Replacement of flat roof section	30,000	1,220	1,220	1,220	0	0	Bids came in high and project will be rebid next year.
Hudson Mills	Golf Course Pump Station Upgrades	Replacement pumps	67,700	66,000	0	0	66,000	0	Under contract
Hudson Mills	Hike Bike Trail Reconstruction	Reconstruction of a section of shared use trail	432,000	261,673	222,581	222,581	39,092	0	Completed
Stony Creek	ADA Accessibility Improvements	This will bring two additional shelters up to ADA standards including 12 ADA accessible tables and one large ADA grill per shelter	30,000	0	0	0	0	0	Scheduled for fall
Stony Creek	Playground Mulch Installation	Annual mulch replenishment to meet safety requirements	-	14,328	14,328	14,328	0	0	Completed
Stony Creek	Golf Course Culvert Installs for Water Drainage	Cut cart path and install culvert to eliminate wet areas	20,000	27,250	0	0	27,250	0	Funded
Stony Creek	Large Well Controls		-	0	0	0	14,875	(14,875)	
Stony Creek	Eastwood Beach Entrance Road Spot Repairs	Spot repairs to entrance drive	20,000	0	0	0	0	0	Getting Quotes
Stony Creek	Repaint Roadway & Hike Bike Paths	Address worst portions of trail and roadway	20,000	0	0	0	0	0	Funded
Stony Creek	Stormwater Drainage Repairs on Culverts	Replace existing deteriorated culverts	50,000	0	0	0	0	0	Funded
Willow	Hike Bike Trail Reconstruction-Oakwoods Connector to Chestnut Rd	Hike bike trail resurface and correct drainage issue between Oakwoods and Willow Metroparks.	151,000	154,455	120,509	120,510	18,485	15,460	Completed
Willow	Carpenter Shop Siding Replacement	Carpenter Shop Siding Replacement	-	21,450	0	0	21,450	0	In construction
Oakwoods	Oakwoods Drainage repair for Sky-Come-Down trail	Nature trail has been flooded due to unknown reasons. Assessment and work for drainage resolution to this area.	35,000	0	0	0	0	0	Funded - project may not be needed
Willow	Willow Replace Vinyl Siding at Carpenter Shop	Exterior siding replacement for the Carpenter shop building located at the Willow Maintenance Service yard.	20,000	0	0	0	0	0	Funded
Willow	Willow Replace Culvert at Southside of Park - Washago to Pool Connector	Culvert repair/replacement located under the hike bike trail between the Willow pool and Washago Pond.	15,000	0	0	0	0	0	In construction
Lake Erie	Replacement of Failing Culvert	Culvert repair/replacement located under the main park road between maintenance service drive and Cove Point area.	43,440	102,268	87,468	102,268	0	0	Funded
Lake Erie	Roof Replacements at 4 Various Buildings	Roof shingle replacement (and other roof repairs as required) for the Lake Erie Foodbar, Wet Shop/Bathhouse, Pool Mechanical and Tot Lot bathroom buildings.	139,960	278,364	199,006	267,081	0	11,283	Completed
Lake Erie	Marina Building Use Evaluation	Marina Building Use Evaluation	30,000	30,000	0	0	28,000	2,000	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.	188,000	383,017	3,153	3,153	0	379,864	August Board for Approval
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.	60,000	1,027	1,027	1,027	0	0	Anticipate fall construction
Lake Erie	Boat Launch Road Culvert Replacements	Main culverts under the road to boat launch replaced. Road surfacing to be completed at a later date.	60,000	0	0	0	0	0	Completed
Lake Erie	Golf Maintenance Building Repairs	Repair/replace a wall, window and exterior siding of the Lake Erie golf course maintenance building.	15,000	0	0	0	0	0	Funded
Wolcott	Replacement of Existing Pasture Fence	Replacement of animal pen fencing	23,792	82,832	23,792	82,832	0	0	Completed

Major Maintenance Status Report
As of 8/31/2021

Location	Project Title	Project Description	Original Budget Funding	Amended Budget	Year to Date Transactions	Life to Date Transactions	Life to Date Encumbrance	Remaining Budget	Project Status
Wolcott	Historic Mill Sprinkler System	Evaluation and possible repair of existing fire suppression system.	12,486	12,486	12,486	12,486	0	0	In review
Wolcott	Horse Barn Electrical Upgrades	Evaluation and repair of electrical system in horse barn	-	15,725	15,725	15,725	0	0	Completed
Wolcott	Fill in Raceway at Mill	Project to look at filling in the raceway beneath the Mill	80,000	0	0	0	0	0	Currently being evaluated
Indian Springs	Dome Polishing & Seal Replacement	Polishing and resealing of the interior and exterior surface of the underwater dome	89,235	256,351	128,310	247,657	9,723	(1,030)	Project substantially completed
Indian Springs	Splash Pad Programming & Hardware Updates	Replacement and upgrades to the control software and hardware for the splash pad	21,900	23,269	23,269	23,269	0	0	Completed
Indian Springs	EDC Flooring/Painting of Dome Area	Replacement carpeting and painting of concrete in the underwater dome	20,000	0	0	0	0	0	In Progress
Huron Meadows	Golf Starter Building Roof Replacement	Replacement of the existing shingle roof on the starter building	75,000	16,051	16,051	16,051	0	0	In design
			<u>\$ 3,600,582</u>	<u>\$ 2,719,584</u>	<u>\$ 1,568,696</u>	<u>\$ 1,844,080</u>	<u>\$ 426,448</u>	<u>\$ 449,055</u>	



To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Update – Purchases over \$10,000
Date: September 3, 2021

Action Requested: Motion to Approve

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. Lotus Electric	New Variable Frequency Drive (VFD) for two motors at Splash Pad Kensington	\$15,240.00
2. Peerless-Midwest, Inc.	Large Well VFD Replacement and Controls Upgrade Stony Creek	\$14,857.00
3. 21C Advertising	Printed Summer inserts Marketing and Communications Dept.	\$12,292.00



To: Board of Commissioners
From: Amy McMillan, Director
Project Title: Purchases – Total Spent and Vendor Locations
Date: September, 2021

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the update for the monthly 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 Request for September 2021

Vendor	Vendor Location	Description	Park Location	Total Request	5-County Area	Greater Michigan	Outside Michigan	Effect of DEI, Living Wage & Local Preference Policy
J Ranck Electric Co.	Mt Pleasant, MI	Pool pump repair	LSC	\$134,420.82		\$134,420.82		
Totals				\$134,420.82	\$0.00	\$134,420.82	\$0.00	
Percent of Total Award Request					0.00%	100.00%	0.00%	



To: Board of Commissioners
 From: Nina Kelly, Chief of Planning and Development
 Subject: Report – Visitation/Permit Scanning Update
 Date: September 3, 2021

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file the July/August 2021 Visitation Report as recommended by the Chief of Planning and Development Nina Kelly and staff.

Fiscal Impact: None

Maps: [Click here to view the Park Visitation report prepared for the September BOC](#)

Background: The following is a summary of barcode scanning activity in the Huron-Clinton Metroparks for the period from July 16 through August 15, 2021. During this time, there were a total of 274,329 barcode scans, a 21 percent increase from last month’s reporting period (there were 227,085 scans system-wide in June/July).

Compared to 171,784 barcode scans system-wide during the same period in 2020, this represents a 60 percent increase in total scans year over year. However, in 2020 only seven parks had implemented barcode scanning, whereas this year, 11 parks have implemented barcode scanning.

July/August			
Park	Vehicle Entries*	Barcode Scans	Annual Passes Sold
Stony Creek	103,807	62,127	2,931
Kensington	104,291	72,646	3,335
Lake St. Clair	79,728*	58,922	2,077
Lower Huron	35,654*	27,339	971
Willow	20,179*	14,167	374
Hudson Mills	18,974	12,203	533
Indian Springs	9,527*	8,314	403
Lake Erie	24,753	11,721	463
Oakwoods	2,656*	2,202	108
Dexter-Huron	7,761	1,704	187
Delhi	6,468	2,511	149
Total	413,798	273,856	11,531
Huron Meadows	12,893	41	12
Wolcott Mill	N/A	432	N/A
Grand Total	426,691	274,329	11,543

There were 413,798 vehicle entries and 273,856 barcode scans from the 11 parks that have both technologies deployed, equaling a scan rate of 66 percent for the current reporting period. The chart to the left contains vehicle counts, barcode scans and annual passes sold as reported by each park.

For the June/July 2021 reporting period, barcode scans (226,834) represented approximately 63 percent** of the total vehicle entries (360,873**) in 11 parks.

For the June/July 2020 period, the scan rate was 39 percent for seven parks.

*denotes that these parks have started reporting their vehicle entry totals for only during the time the tollbooths are staffed for better comparison to barcode scanning.

**indicates that these numbers have been corrected, due to a calculation error included in last month's memo. An amended August 2021 memo (first page) with corrected information is included in this packet as well.

Data Caveats: Some things to note about the system-wide scan data are that Wolcott Mill does not have a scanner in the Farm Center tollbooth, nor at the Historic Center, Camp Rotary or the North Branch Trails. Huron Meadows also does not have barcode scanning at the tollbooth.

Oakwoods, Delhi and Dexter-Huron now have scanners when the tollbooths are staffed, and they are now included in the scan totals. Stony Creek, Lake St. Clair, Indian Springs, Lower Huron, Oakwoods, and Willow have begun reporting vehicle entry counts during times when the toll booth is staffed to more accurately reflect the percentage of vehicles scanned.

Stony Creek: Reported that scanner two is not working properly and would account for many missed scans. On July 17, tollbooth four scanner was down. On July 18 and 25 scanning was stopped due to high traffic volumes for four hours.

Lake St. Clair: On July 9, tollbooth one vehicle entry counter stopped working; however, park staff included estimated numbers that would average a 75 percent scan rate for those days where vehicle entries were not attainable from tollbooth one.

Lower Huron: Staff reported that tollbooth two was frequently not staffed; however, this entrance is closed during these times, so it should not affect scanning numbers. They also experienced equipment failures at tollbooth four on Aug. 12 and 13.

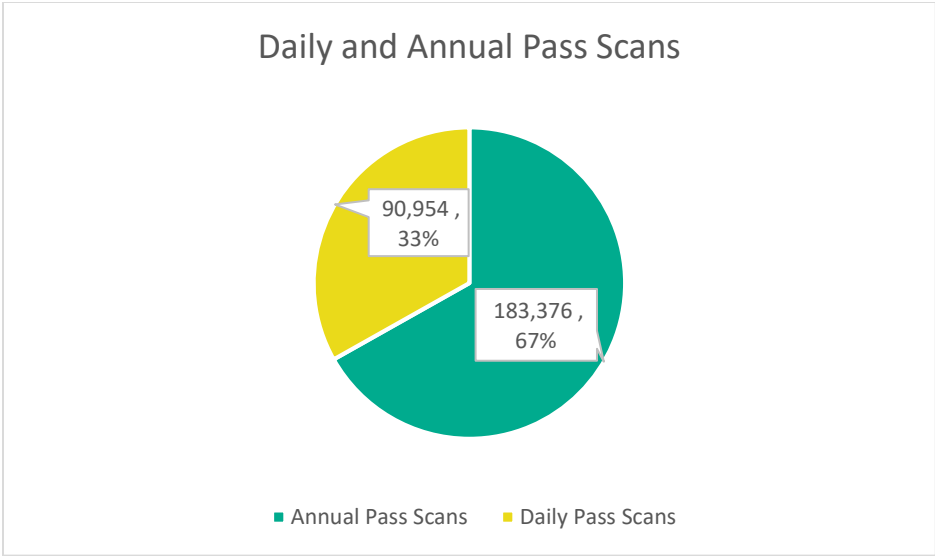
Willow: Reported no scanning issues or equipment failures during this period.

Oakwoods: Reported that they had scanning equipment failure on Aug. 11.

Lake Erie: Noted that their scanner was down on Aug. 4 for six hours and Aug. 7 for two hours.

Zip Codes: Of the total barcode scans, 93 percent (254,395) had a valid U.S. zip code attached and 99 percent (250,891) of those came from within Michigan. Of these Michigan scans, 246,033 or 98 percent (90 percent of all barcode scans) came from zip codes within the Metroparks five-county jurisdiction.

The below pie chart shows the breakdown of daily passes and annual passes. Annual passes made up 67 percent (compared to last month's 71 percent) of the scans, while daily passes accounted for 33 percent (last month was 29 percent). Last year's breakdown for the July/Aug period was 92 percent annual, 8 percent daily passes, when RecTrac was not yet implemented and fewer parks were scanning.

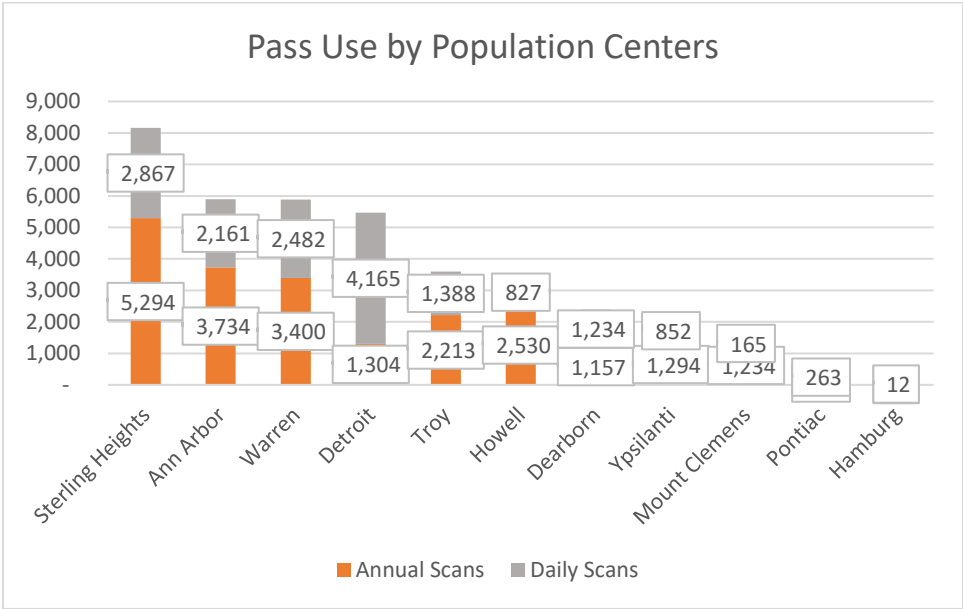


Park Visitation: The chart below usually shows how many parks were visited by each annual pass. However, this data is not currently available due to RecTrac limitations with pulling specific barcode information.

Year-over-year Comparison: A year-over-year comparison of the total number of barcode scans for this period shows a 59 percent increase in barcode scanning in 2021 over 2020.

- 2019: 149,900 scans
- 2020: 171,784 scans
- 2021: 274,329 scans

Pass Use by Population Centers: The population centers and county seats listed in the below chart, make up 34 percent of the total population of the five-county area. In this time frame, however, residents from these locales account for just 14 percent of the total scans. Below is a breakdown of total scans this month by population centers and county seats.



Livingston County: During this reporting period, approximately 8 percent of barcode scans came from Zip Codes within Livingston County. Livingston County does not have any zip codes that have high or very high concentrations of equity populations.

Place	Zip Code	Annual Pass	Daily Pass	Total Scans	Place Total
Brighton	48114	8,562	1,537	10,099	14,724
	48116	4,052	573	4,625	
Howell	48843	1,949	569	2,518	3,357
	48855	581	258	839	
Pinckney	48169	1,479	329	1,808	1,808
Fenton	48430	48430	425	214	214
Hartland	48353	346	213	559	559
Gregory	48137	264	41	305	305
Fowlerville	48836	180	108	288	288
Hamburg	48139	21	12	33	33
Grand Total		17,434	4,065	21,288	21,288

Washtenaw County: During this reporting period, approximately 6 percent of barcode scans came from zip codes within Washtenaw County. Washtenaw County does not have any zip codes that have high or very high concentrations of equity populations.

Place Name	Zip Code	Annual Pass	Daily Pass	Total Scans	Place Total
Ann Arbor	48103	2,279	909	3,188	5,895
	48104	406	186	592	
	48105	757	732	1,489	
	48108	263	315	578	
	48109	29	19	48	
Chelsea	48118	563	250	813	813
Clinton	49236	14	12	26	26
Dexter	48130	3,381	1,073	4,454	4,454
Manchester	48158	54	32	86	86
Milan	48160	128	98	226	226
Saline	48176	260	136	396	396
Whitmore Lake	48189	885	209	1,094	1,094
Willis	48191	97	25	122	122
Ypsilanti	48197	778	495	1,273	2,146
	48198	516	357	873	
Grand Total		10,410	4,848	15,258	15,258

Oakland County: During this reporting period, approximately 22 percent of barcode scans came from zip codes within Oakland County. Oakland County has eight zip codes where most of the zip code falls into one of SEMCOG's traffic analysis zones (TAZ) that has a high concentration of equity populations. These zip codes are highlighted in orange below. There is one zip code in Oakland County that has very high concentrations of equity populations, which is highlighted in red.

Place Name	Zip Code	Annual Pass	Daily Pass	Total Scans	Place Total
Auburn Hills	48326	433	336	769	769
Berkley	48072	240	190	430	430
Birmingham	48009	224	165	389	389
Bloomfield Hills	48304	145	156	301	929 652
	48302	167	172	339	
	48301	160	129	289	
Clarkston	48348	192	115	307	304
	48346	241	104	345	
Clawson	48017	187	117	304	
Commerce Township	48382	1,416	303	1,719	1,719
Davisburg	48350	120	50	170	170
Farmington	48336	491	324	815	2,936
	48335	587	264	851	
	48334	380	148	528	
	48331	494	248	742	
Ferndale	48220	347	260	607	607
Franklin	48025	296	148	444	444
Hazel Park	48030	207	170	377	377
Highland	48357	902	172	1074	1,953
	48356	721	158	879	
Holly	48442	318	294	612	612
Huntington Woods	48070	110	57	167	167
Keego Harbor	48320	28	47	75	75
Lake Orion	48362	95	110	205	696
	48360	155	114	269	
	48359	118	104	222	
Leonard	48367	80	37	117	117
Madison Heights	48071	462	404	866	866
Milford	48381	4,216	246	4,462	7,335
	48380	2,716	157	2,873	
New Hudson	48165	2,103	280	2,383	2,383
Novi	48377	632	223	855	3,237
	48375	1023	312	1335	
	48374	814	233	1047	
Oak Park	48237	267	257	524	524
Oakland	48363	189	91	280	280
Ortonville	48462	43	63	106	106

Oxford	48371	141	143	284	324
	48370	26	14	40	
Pleasant Ridge	48069	63	41	104	104
Pontiac	48342	23	69	92	377
	48341	45	62	107	
	48340	46	132	178	
Rochester	48309	2,110	509	2,619	7,942
	48307	2,545	821	3,366	
	48306	1,472	485	1,957	
Royal Oak	48073	523	338	861	1,610
	48067	502	247	749	
South Lyon	48178	5,492	935	6,427	6,427
Southfield	48076	200	240	440	1,275
	48075	106	248	354	
	48034	121	133	254	
	48033	68	159	227	
Troy	48098	429	276	705	3,601
	48085	877	576	1453	
	48084	364	213	577	
	48083	543	323	866	
Walled Lake	48390	923	247	1170	1,170
Waterford	48329	370	138	508	1,943
	48328	374	334	708	
	48327	529	198	727	
West Bloomfield	48324	234	135	369	1,439
	48323	233	155	388	
	48322	391	291	682	
White Lake	48386	1,461	469	1,930	5,395
	48383	2,567	898	3,465	
Wixom	48393	795	247	1042	1,042
Grand Total		44,892	15,834	60,726	60,726

Wayne County: During this reporting period, 23.5 percent (same as the last reporting period) of barcode scans came from zip codes within Wayne County. Wayne County has 13 zip codes where most of the zip code falls into one of SEMCOG’s traffic analysis zones (TAZ) that has a high concentration of equity populations. These zip codes are highlighted in orange below. There are 26 zip codes in Wayne County that have very high concentrations of equity populations, which are highlighted in red below.

Place Name	Zip Code	Annual Pass	Daily Pass	Total Scans	Place Total
Allen Park	48101	534	284	818	818
Belleville	48111	8,656	2082	10,738	10738
Canton	48188	747	567	1314	2,870
	48187	848	708	1556	
Dearborn	48128	95	118	213	2391
	48126	426	664	1090	
	48124	531	352	883	
	48120	105	100	205	
Dearborn Heights	48127	329	508	837	1390
	48125	236	317	553	
Detroit	48242		5	5	5469
	48238	26	126	152	
	48235	42	358	400	
	48234	70	203	273	
	48228	89	368	457	
	48227	35	170	205	
	48226	54	61	115	
	48224	131	211	342	
	48223	54	142	196	
	48221	104	262	366	
	48219	78	307	385	
	48217	7	66	73	
	48216	30	109	139	
	48215	51	206	257	
	48214	43	91	134	
	48213	17	88	105	
	48211	56	28	84	
	48210	90	291	381	
	48209	73	242	315	
	48208	20	31	51	
	48207	47	80	127	
	48206	30	72	102	
	48205	68	273	341	
	48204	8	121	129	
	48202	49	142	191	
	48201	32	112	144	
Ecorse	48229	52	95	147	147
Flat Rock	48134	4,857	891	5,748	5748

Garden City	48135	362	267	629	629
Grosse Ile	48138	260	55	315	315
Grosse Pointe	48236	413	191	604	919
	48230	203	112	315	
Hamtramck	48212	287	693	980	980
Harper Woods	48225	266	131	397	397
Highland Park	48203	60	121	181	181
Inkster	48141	153	221	374	374
Lincoln Park	48146	491	354	845	845
Livonia	48154	533	493	1026	2,541
	48152	520	288	808	
	48150	379	328	707	
Melvindale	48122	122	113	235	235
New Boston	48164	6,952	479	7,431	7431
Northville	48168	673	233	906	2069
	48167	893	270	1163	
Plymouth	48170	730	313	1043	1043
Redford	48240	237	159	396	920
	48239	211	313	524	
River Rouge	48218	11	50	61	61
Riverview	48193	522	138	660	660
Rockwood	48173	1438	580	2,018	2018
Romulus	48174	2097	715	2,812	2812
Southgate	48195	1,734	306	2,040	2040
Taylor	48180	1209	615	1824	1824
Trenton	48183	2,356	1098	3,454	3454
Wayne	48184	500	152	652	652
Westland	48186	525	359	884	1789
	48185	445	460	905	
Wyandotte	48192	679	222	901	901
Grand Total		43,981	20,680	64,661	64,661

Macomb County: During this reporting period, approximately 28.4 percent (same as last reporting period) came from zip codes within Macomb County. Macomb County has seven zip codes where most of the zip code falls into one of SEMCOG’s traffic analysis zones (TAZ) that has a high concentration of equity populations. These zip codes are highlighted in orange below. There are no zip Codes in Macomb County that have very high concentrations of equity populations.

Place Name	Zip Code	Annual Pass	Daily Pass	Total Scans	Place Total
Armada	48005	321	92	413	413
Center Line	48015	214	125	339	339
Clinton Township	48038	2,235	620	2,855	9,526
	48036	2,194	343	2,537	
	48035	3,317	817	4,134	
Eastpointe	48021	821	356	1,177	1,177
Fraser	48026	791	163	954	954
Harrison Township	48045	9,198	2,070	11,268	11,268
Macomb	48044	3,075	1,472	4,547	7,461
	48042	2,171	743	2,914	
Mount Clemens	48043	1,234	165	1,399	1,399
New Baltimore	48051	850	361	1,211	3,301
	48047	1,506	584	2,090	
New Haven	48050	26	20	46	779
	48048	501	232	733	
Ray	48096	172	76	248	248
Richmond	48062	92	92	184	184
Romeo	48065	612	310	922	922
Roseville	48066	2,089	1,092	3,181	3,181
Saint Clair Shores	48082	1,130	153	1,283	4,405
	48081	1,189	433	1,622	
	48080	1,176	324	1,500	
Sterling Heights	48314	817	424	1,241	8,161
	48313	1,792	661	2,453	
	48312	1,475	989	2,464	
	48310	1,210	793	2,003	
Utica	48317	1,949	678	2,627	13,044
	48316	6,179	809	6,988	
	48315	2,634	795	3,429	
Warren	48093	725	303	1,028	5,882
	48092	536	382	918	
	48091	426	567	993	
	48089	609	529	1,138	
	48088	1,104	701	1,805	
Washington	48095	505	202	707	5,255
	48094	4,050	498	4,548	
Grand Total		58,925	18,974	77,899	77,899



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Report – August Financial Review
Date: September 3, 2021

Action Requested: Motion to Receive and File

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

Attachment: Financial Review



HURON-CLINTON METROPARKS AUGUST FINANCIAL RECAP

August 2021

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



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

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EXECUTIVE SUMMARY

AUGUST 2021 FINANCIAL RESULTS

When we compare August 2021 to the pre-pandemic August 2019, the total revenue decreased by \$37,100 or a one percent variance. Year-to-date, park operating revenue is up \$3.1 million compared to 2020 and 2019. No significant changes to administrative revenue took place during August.

We are still seeing a significant return of aquatic revenue, which was ninety percent of the pre-pandemic amounts. Whereas the YTD tolling for 2021 has decreased two percent compared to 2020. The increase from 2019 is more significant due to both increased quantities and a fee increase that took place in 2020. The growth of golf has been the most significant driver of operating revenue for 2021. Golf was strong in 2020 once courses were opened, but for 2021 the demand by the public has continued and was not hindered by mandated course closings and other limitations.

As discussed and reviewed in earlier updates, we continue to watch the trends with both annual and daily permits. At this point in the year, Annual permit sales from January through the end of August Annual permit sales are up by 1,939 from 2019 and 2,443 from 2020. Daily permit sales for the same time frame are down by 17,180 from 2020 but up from 2019 by 19,870.

Overall, year-to-date general fund expenditures are up \$3.6 million or 10.8 percent higher than 2020. The largest growth is park operations where expense totals have increased by \$2 million or near 10 percent. When the comparison is made against 2019 numbers, overall general fund expenditures have increased by \$2.6 million (7.5 percent). These increases are not surprising as 2020 expenditures were significantly suppressed during the pandemic.

In summary, the Metroparks continue to find ourselves well positioned financially. Revenues are strong and expenditures are 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 the largest single source of revenue for the Metroparks.

2021 Property tax revenue is expected to increase by \$1.3 million from the prior year. State reimbursements for lost personal property tax revenue is budgeted at \$550,000. These funds have not yet been received but are expected.

Interest rates continue to be suppressed with renewal CD below 20 basis points. However, we have already exceeded the budget of \$100,000.

The annual auction of surplus equipment and materials is planned for September and expected to again use the on-line platform that was first used in 2020. We fully expect to hit budget target for both the sale of capital assets and the miscellaneous revenue associated with this event.

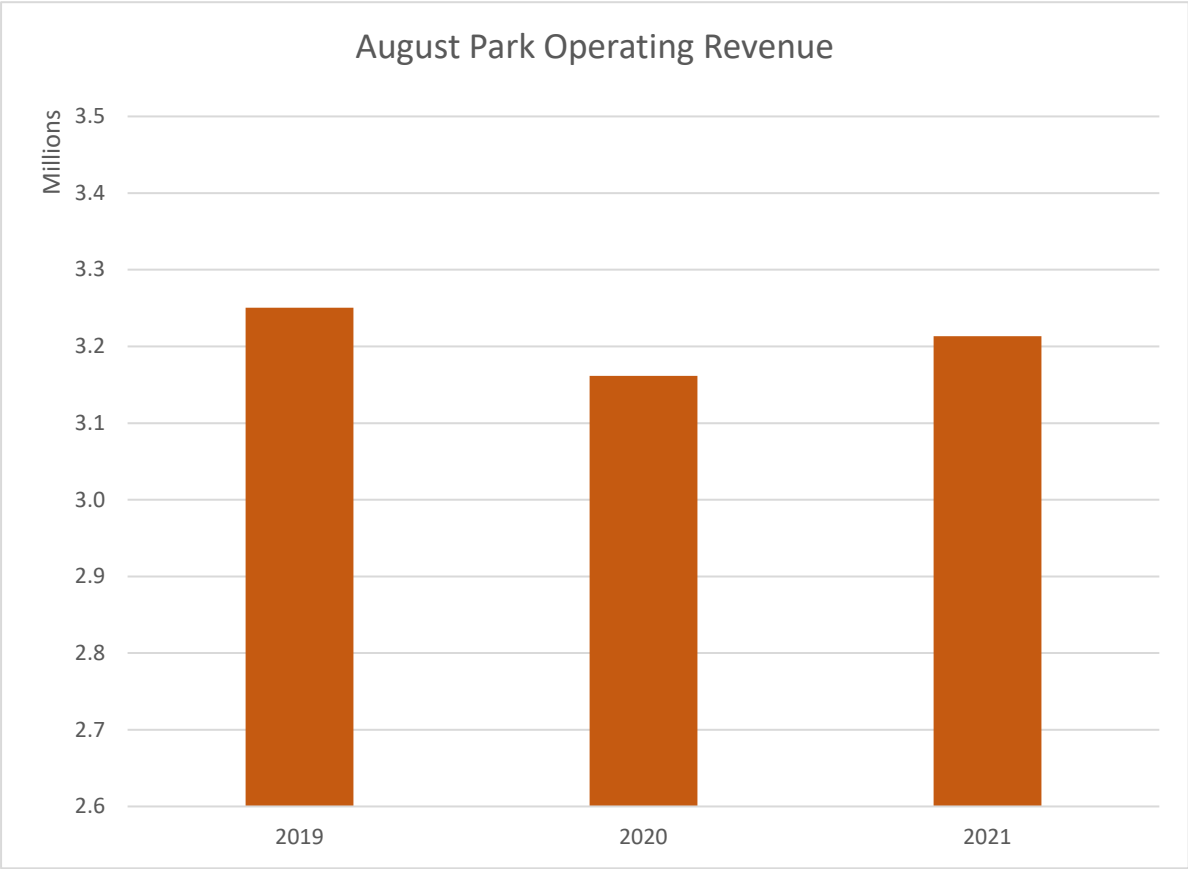
Finally, while we expect to receive funds from both the Michigan Municipal Risk Management Association and the Michigan Association of Counties related to our general liability and workman's compensation coverage, we do not yet know the status of our renewal with BC/BS or if we will receive any funds related to a potential rate surplus.

PARK OPERATING REVENUE

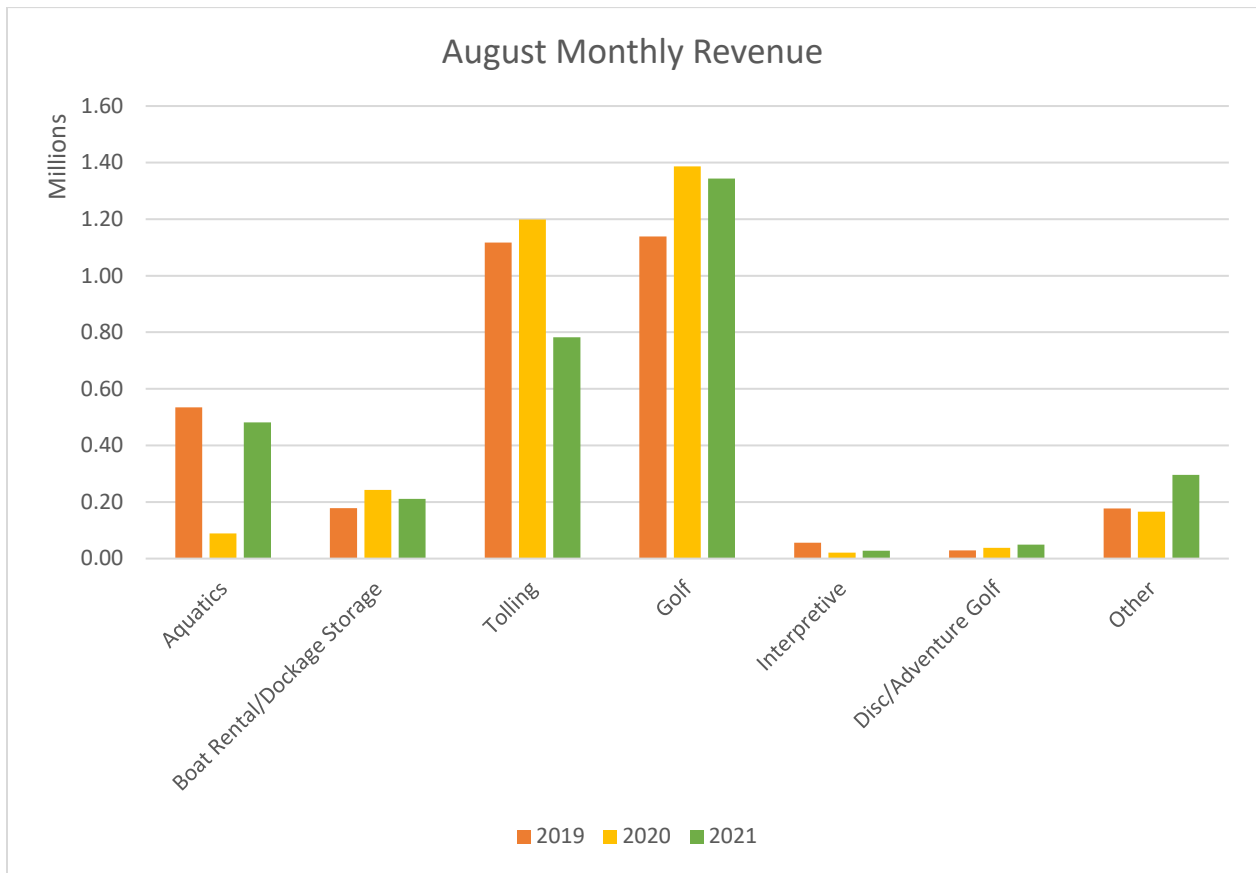
BY ACTIVITY

To make more sense of the data this month we will continue sharing comparisons for data from 2019, 2020 and 2021. This provides a pre-pandemic benchmark to compare to as well as comparing within different points of the pandemic between last year and this.

Parks generated over \$3.2 million revenue during August 2021 compared to \$3.1 million in 2020 and \$3.2 in 2019.



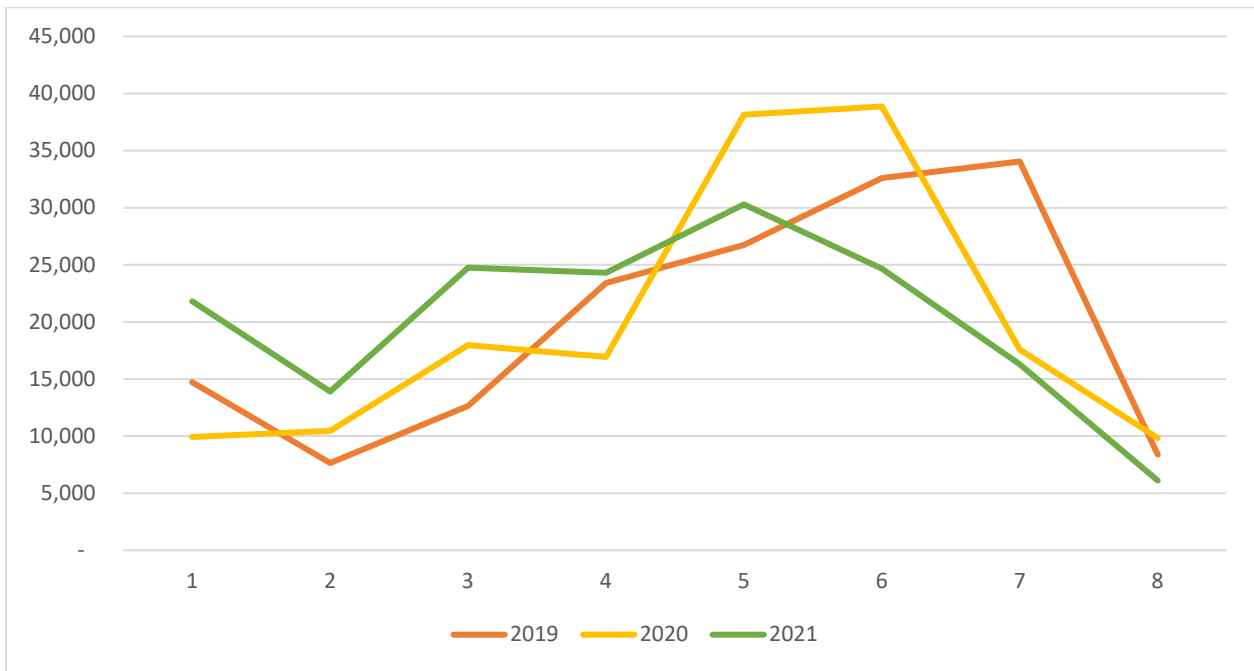
August 2021 revenue in total is just slightly below August 2019 and ahead of 2020 figures by 1.6 percent. Digging into some of the major activities generating this revenue, the most significant changes are reflected in the chart below:



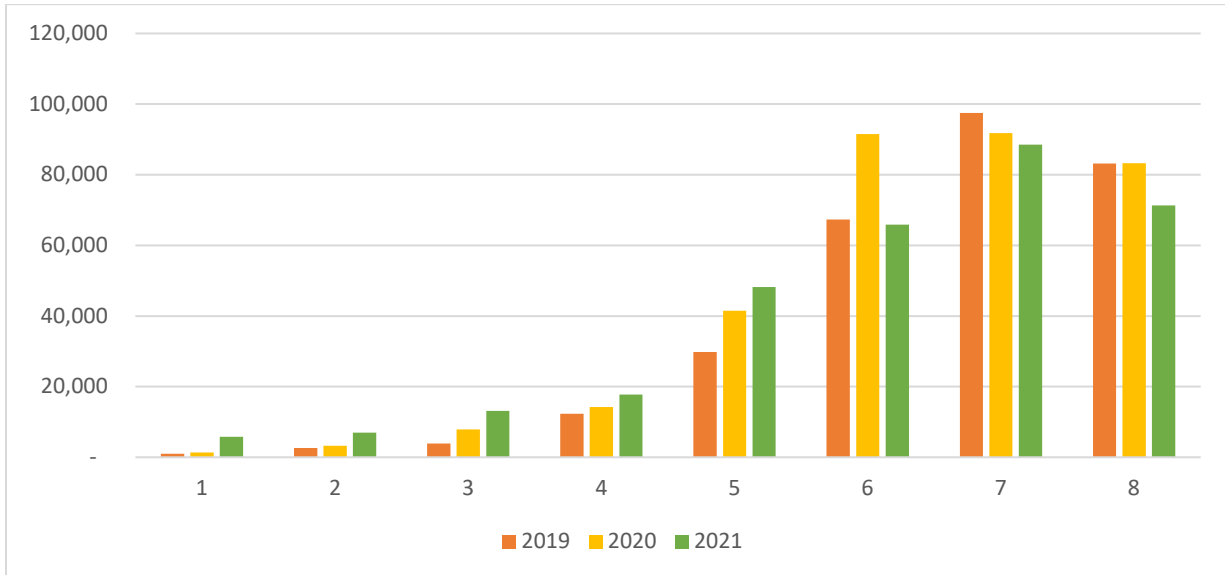
Aquatic facilities were extremely limited during 2020 due to the pandemic. This year we are not experiencing mandated closures and limitations, but our facilities are being limited by difficulties in filling lifeguard positions as well as some facility maintenance issues. Boat rental and dockage use jumped 37 percent in August of 2020. 2021 revenue dropped from that peak but remains 19 percent higher than the pre-pandemic 2019.

Tolling was the second highest driver of operating revenue, however the \$782,000 generated was 35 percent less than 2020 and 30 percent less than 2019. It should be noted when comparing to 2019 toll revenue that there was a fee increase in 2020. The quantity of annual permits sold in August is down 14 percent from the levels sold in 2020 and 2019.

The following charts graphically represent the trends and shifts in annual and daily permit sales. Year-to-date annual permit sales for 2021 are up 1.2 percent from 2019 and 1.5 percent from 2020. Looking at these sales by month we see that for 2021 annual permit sales have been more consistent month-to-month with the peak occurring in May (30,300) and less variance between the highest sales month and the lowest sales month (February). Both 2020 and 2019 have greater fluctuations from month-to-month. 2019 data reflects a steady growth by month with July being the peak, whereas both 2020 and 2021 have annual sales dropping in July.



Looking at daily permit sales, there is a lot more consistency in the changes from month-to-month as well as the trend of increased growth through May. In June, July and August we are seeing declines when compared to both 2020 and 2019.



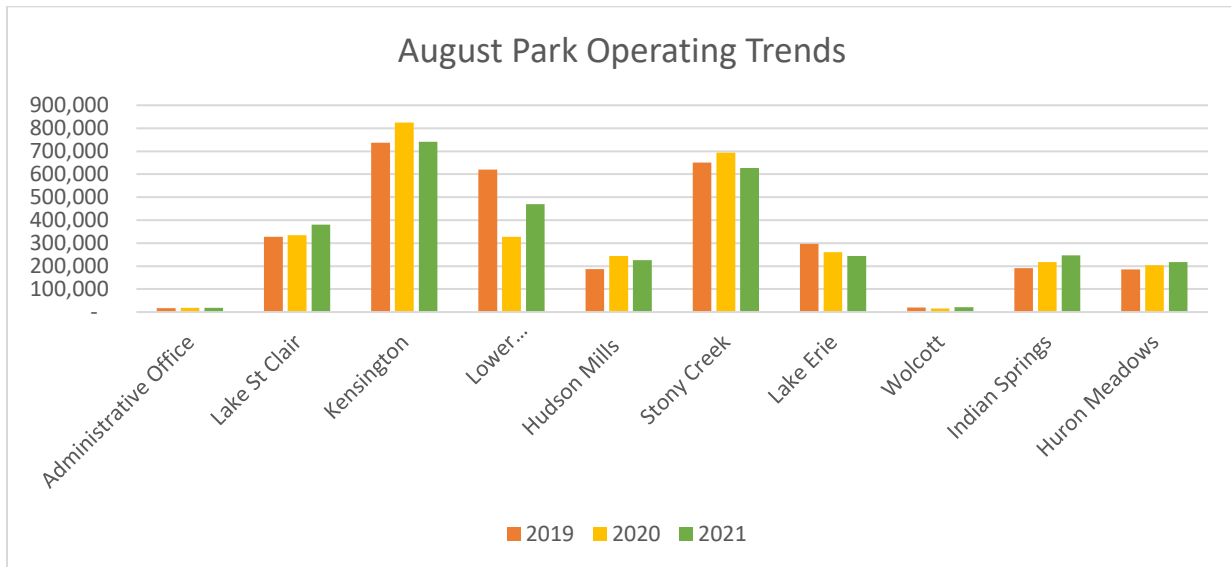
Our most significant revenue source, golf, continues to be strong. August 2021 golf revenue once again exceeded \$1.3 million. This is slightly below August 2020 and \$205,000 higher than 2019.

The only other significant change is in the “other” category. This category includes several smaller revenue activities. Some activities that are pushing this growth are beach, activity center rental and shelter reservations.

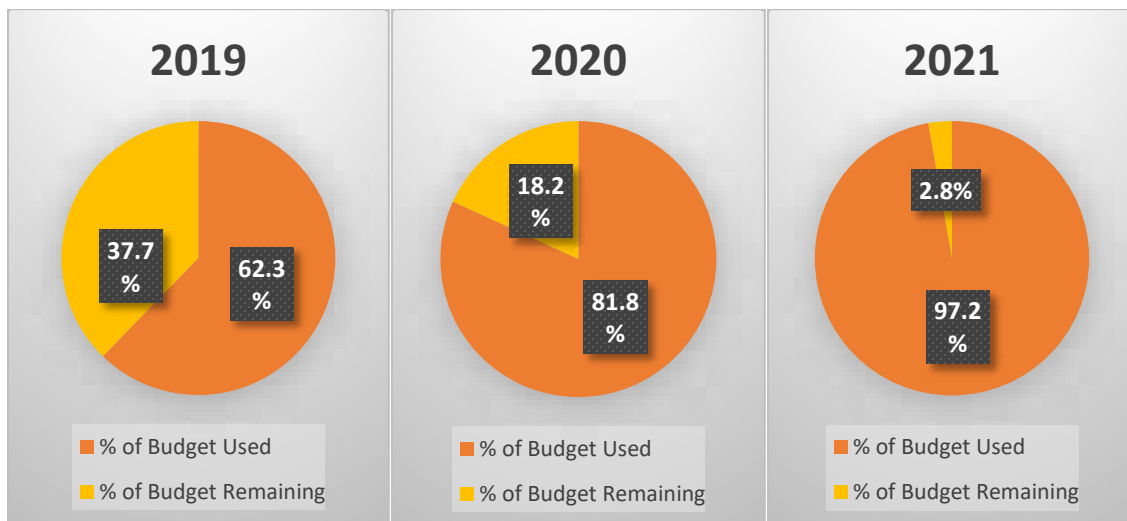
BY LOCATION

The impact of the public's response to the pandemic and its evolution are not just reflected in the story of how different activities have changed. Similarly, looking at park operating revenue by the location, we continue to see that just as the pandemic has had uneven impacts across each of the individual Metroparks locations differently as well.

In the chart below, the variance between 2021 and 2019 (pre-COVID) numbers ranges from an increase of \$55,000 (29 percent) to a decrease of \$150,000 (24 percent).



Considering year-to-date revenue, the parks continue to exceed a typical year in revenue generation. The pie charts below have been updated to compare the amount of revenue earned at the end of August to the budgeted revenue not yet earned.



At the end of August in pre-pandemic 2019 and 2020, we were around 62 and 82 percent of operating revenue earned. This year, we have generated 97 percent of budgeted operating revenue earned. I fully expect 2021 to be a very strong operating revenue year for the Metroparks.

EXPENSES

ADMINISTRATIVE OFFICE

Overall, year-to-date Administrative Office expenses are ahead of 2020 by \$583,000. The increase is primarily in professional services within several areas, one of the largest being information technology costs associated with RecTrac cloud services, as well as IT system security and redundancy improvements. Increased marketing costs have also driven a significant portion of the rise.

MAJOR MAINTENANCE AND CAPITAL

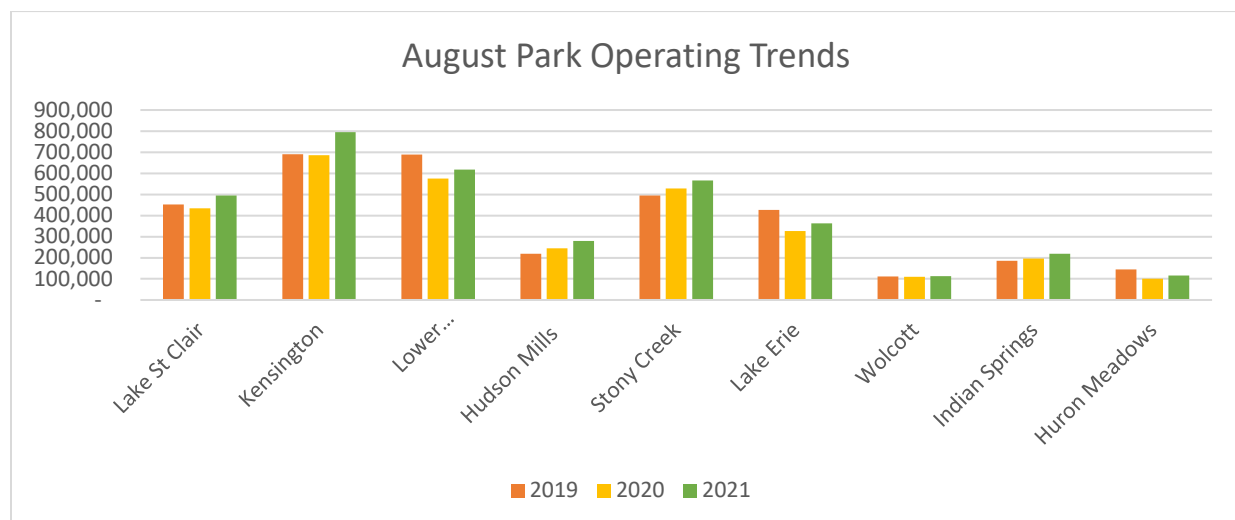
More than 98 percent of planned capital equipment and land acquisition purchases have been either paid for or encumbered. Payments during the month of August totaled just over \$321,000 or eleven percent of the budget.

As of the end of August, 57 percent major maintenance projects have been either received or contracted for. August payments for major maintenance totaled over 24,000 or 1 percent of the annual major maintenance budget. It is typical for a large volume of major maintenance work to be scheduled for a post-Labor Day timeframe.

PARK OPERATIONS

Overall, year-to-date park operation expense is one percent above the 2019 year-to-date level. When comparing to 2020, there is a more significant increase as the 2020 numbers were suppressed by the park's response to COVID-19.

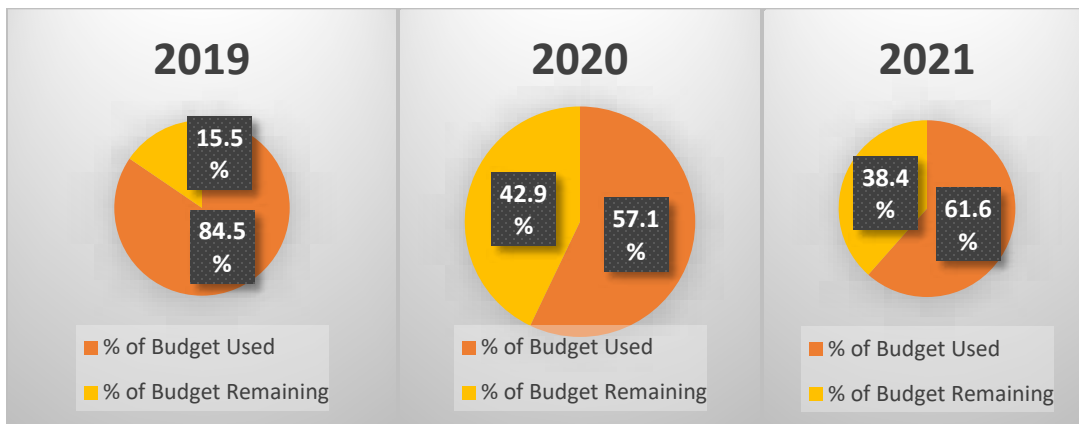
Looking at individual parks for the month of August, the variance between 2021 and 2019 (pre-COVID) numbers ranges from an increase of \$105,000 (15 percent) to a decrease of \$71,000 (10 percent).



Looking at expense by activity, aquatic facility expenses are lower than the August 2019 level by \$609,000 or 39 percent. Golf expenditures are up just six percent from pre-pandemic levels but \$520,000 above 2020. General park maintenance is also increasing, up five percent from 2019 but ten percent from 2020, up \$635,000.

Overall, the parks have been responsive to the situation to effectively utilize the resources at hand. One factor still suppressing costs is the difficulty in filling staff positions. There is growth in full and part-time year-to-date wage costs, but less than would be expected considering we have had two years of over three percent wage increases.

At the end of August, we have used 61.6 percent of the annual budget, in 2020 the amount was 57.1 percent and in 2019 we were at 84.5 percent.





To: Board of Commissioners
From: Randy Rossman, Chief of Human Resources and Labor Relations
Subject: Approval – Part-time and Seasonal Employee Wage Scale
Date: September 3, 2021

Action Requested: Motion to Approve

That the Board of Commissioners accept the proposal to increase the part-time and seasonal employee wage scales by 3 percent, which corresponds with the scheduled increase as determined by the full-time employee collective bargaining agreements as recommended by Chief of Human Resources and Labor Relations Randy Rossman and staff.

Fiscal Impact: Incorporated into the 2022 annual budget.

Background: In 2015, the Board approved a program for pay increases to part-time and seasonal wages. Prior to 2015 the part-time and seasonal wages were unchanged from 2008 through 2014. This created a compressed wage scale along with causing the Metroparks to become uncompetitive in attracting qualified employees.

The program began by decompressing the wage scales and allowing wage increases each year. The increases were to be based on the percentage increase to the Michigan minimum wage and/or the increases established by the Metroparks full-time employee collective bargaining agreements, whichever was higher.

The proposed 2022 wage scale increase is anticipated to equal or exceed any minimum wage increase as directed by the State of Michigan and will maintain position equity throughout the part-time and seasonal wage scale.

Staff believes that the approval and implementation of the proposed wage scale increase will enhance Metroparks recruitment and retention of qualified part-time and seasonal employees and prevent wage compression. Additionally, with the current very competitive labor market, this recommendation will provide a stable and reliable workforce that is beneficial to our patrons and supporters of the Metroparks.



To: Board of Commissioners
From: Michael Lyons, Deputy Director
Project Title: Approval – Stony Creek Cell Tower Land Lease Agreement
Date: September 9, 2021

Action Requested: Motion to Approve

That the Board of Commissioners approve the proposed cell tower Land Lease Agreement with Celco Partnership d/b/a Verizon Wireless as recommended by Deputy Director Lyons and staff.

Fiscal Impact: The Celco Partnership d/b/a Verizon would pay the Metroparks annual rental of \$27,600, paid in equal monthly installments. On each anniversary of the commencement date, the annual rental for the subsequent 12-month period of the term shall increase by three percent. The Agreement also includes an execution bonus of \$ 20,000.

Background: The Metroparks currently lease property for two cell towers located in Macomb County. Crown Castle has the leasing rights at both locations. The proposed Land Lease Agreement would allow Verizon the ability to install equipment on the current monopole to provide service from the location. The visual characteristics of the monopole will remain the same with no exterior transmitting or receiving equipment visible.

The Agreement was negotiated and recommended by our current cell tower legal counsel Kitch Drutchas Wagner Valitutti & Sherbrook as recommended by Miller Canfield.

**Attachments: Memorandum of Land Lease Agreement
Land Lease Agreement**

MEMORANDUM OF LAND LEASE AGREEMENT

This Memorandum of LAND LEASE AGREEMENT is made this 9th day of September, 2021, between HURON CLINTON METROPOLITAN AUTHORITY with its principal offices at 13000 High Ridge Drive, Brighton, MI 48114, hereinafter designated "LESSOR", and CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS, with its principal office located at One Verizon Way, Mail Stop 4AW100, Basking Ridge, New Jersey 07920, hereinafter referred to as "LESSEE". LESSOR and LESSEE are at times collectively referred to hereinafter as the "Parties" or individually as the "Party".

1. LESSOR and LESSEE entered into a Land Lease Agreement (the "Agreement") on September 9, 2021 for an initial term of five (5) years, commencing on the Commencement Date. The Land Lease Agreement shall automatically be extended for four (4) additional five (5) year terms unless the LESSEE terminates it at the end of the then current term by giving the LESSOR written notice of the intent to terminate at least six (6) months prior to the end of the then current term.
2. LESSOR hereby leases to LESSEE a portion of that certain parcel of property commonly known as 1588 East Snell Road, Oakland Township, MI 48363 (the "Premises", the entirety of LESSOR's property is referred to hereinafter as the "Property"). The Property is legally described on Exhibit "A" attached hereto and made a part hereof. The Premises are a portion of the Property and are described and shown in detail on Exhibit "A" and "B" attached hereto and made a part hereof. LESSEE may survey the Premises. Upon completion, the survey shall replace Exhibit "B" in its entirety.
3. The Commencement Date of the Agreement, of which this is a Memorandum, is as set forth in the Agreement.
4. LESSEE has the right of first refusal to purchase the Premises during the initial term and all renewal terms of the Agreement.
5. The terms, covenants and provisions of the Agreement, the terms of which are hereby incorporated by reference into this Memorandum, shall extend to and be binding upon the respective executors, administrators, heirs, successors and assigns of LESSOR and LESSEE.

IN WITNESS WHEREOF, hereunto and to a duplicate hereof, LESSOR and LESSEE have caused this Memorandum to be duly executed on the date first written above.

LESSOR:

Huron Clinton Metropolitan Authority

By: _____

Amy McMillan

Its: Director _____

Date: _____

STATE OF MICHIGAN)

)

ACKNOWLEDGEMENT

COUNTY OF _____)

On _____, 2021 before me, _____, notary public, personally appeared _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the _____ of Huron Clinton Metropolitan Authority and the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official Notarial Seal, this ____ day of _____, 2021.

Notary Public, _____ County, _____

Acting in _____ County, _____

My Commission Expires: _____

LESSEE:

Cellco Partnership d/b/a Verizon Wireless

By: _____

Name: _____

Its: _____

Date: _____, 2020

STATE OF _____)

)

ACKNOWLEDGEMENT

COUNTY OF _____)

)

On _____, 2021 before me, _____, notary public, personally appeared _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the _____ of Cellco Partnership and the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official Notarial Seal, this _____ day of _____, 2021.

Notary Public, _____ County, _____
Acting in _____ County, _____
My Commission Expires: _____

Prepared by and after recording return to:

Daniel J. Schairbaum
Dykema Gossett PLLC
400 Renaissance Center
Detroit, Michigan 48243

EXHIBIT A

Legal Description

[See attached]

Exhibit "A"

SITE NAME: 4010 – Rochester & Stony Creek Metropark
SITE NUMBER: 301474

LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

PARENT PARCEL AS PROVIDED

Land in the Township of Oakland, Oakland County, Michigan, described as follows:

The South 1/2 of Section 25, EXCEPT beginning at the West 1/4 corner, thence South 89 degrees 34 minutes 00 seconds East 324.13 feet, thence South 00 degrees 34 minutes 00 seconds East 904.62 feet, thence North 84 degrees 54 minutes 00 seconds West 331.18 feet, thence North 00 degrees 12 minutes 32 seconds West 877.59 feet to beginning, Town 4 North, Range 11 East Township of Oakland, Oakland County, Michigan.

SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

All that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet TO THE PLACE OF BEGINNING OF THIS DESCRIPTION; thence North 87°12'53" East 50.00 feet; thence South 02°47'07" East 50.00 feet; thence South 87°12'53" West 50.00 feet; thence North 02°47'07" West 50.00 feet to the place of beginning of this description.

PROVIDED CROWN CASTLE INGRESS/EGRESS EASEMENT

Ingress/Egress Easement

A 20.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 25.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 245.65 feet to the South right of way line of Snell Road for the place of ending of this centerline description.

PROVIDED CROWN CASTLE UTILITY EASEMENT

Utility Easement

A 8.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 19.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 222.43 feet; thence South 87°48'50" West 501.50 feet; thence South 02°47'07" East 58.90 feet to the place of ending of this centerline description.

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:

williams&works
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	xx/xx/xx	xxxxx
2.		
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	3 OF 3

EXHIBIT B

Survey

[See Attached]

Exhibit "B"

SITE NAME: 4010 – Rochester & Stoney Creek Metropark
SITE NUMBER: 301474

ENCROACHMENTS

NO ENCROACHMENTS NOTED AT TIME OF SURVEY.

ZONING NOTES

AS SHOWN ON SPRINT PCS COMPREHENSIVE SITE REPORT THIS SITE IS ZONED: REGIONAL PARKS

SETBACKS: FRONT: HEIGHT OF TOWER
REAR: HEIGHT OF TOWER
SIDE: HEIGHT OF TOWER

FLOOD NOTE

FLOOD NOTE: WE HAVE CONSULTED THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE MAP AS PREPARED FOR THE TOWNSHIP OAKLAND, OAKLAND COUNTY, MICHIGAN, COMMUNITY PANEL NUMBER 26125C0401F, EFFECTIVE ON 09/29/2006 AND FIND THAT THE PROJECT SITE IS NOT WITHIN THE 100 YEAR FLOOD PLAIN.

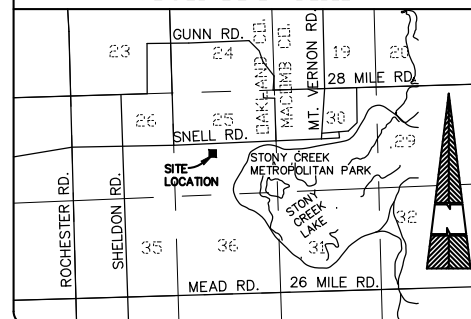
LEGEND

- BENCHMARK
- IRON PIN
- UTILITY POLE
- POST
- ELEC. TRANS.
- ELEC. METER
- TELE. PEDESTAL
- RECORD
- MEASURED
- SQUARE FEET
- FOUND

LAND AREA

PARCEL	ACRES	SQ. FEET
LEASE AREA	0.057	2,500
INGRESS/EGRESS	0.112	4,913
PARENT	322.963	14,068,297
UTILITY	0.143	6,263

VICINITY MAP



SCHEDULE B ITEMS

SEE SHEET 3 OF 3

SURVEYOR'S NOTES

- THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.
- THERE APPEARS TO BE A PROPANE TANK LOCATED ON THE SUBJECT PROPERTY.
- THERE IS NO LANDSCAPING IN THE PROJECT AREA.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:



616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	x/x/xx	xxxxxx
2.	x/x/xx	xxxxxx
3.		

DRAWN BY A. GRIFFIN	CHECKED BY T. MILANOWSKI
------------------------	-----------------------------

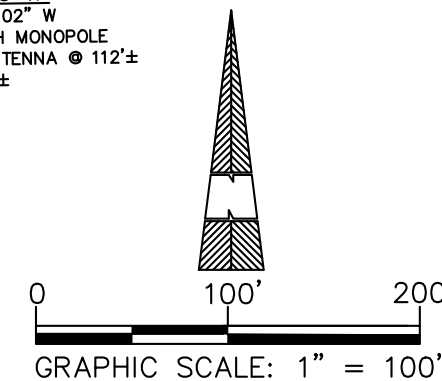
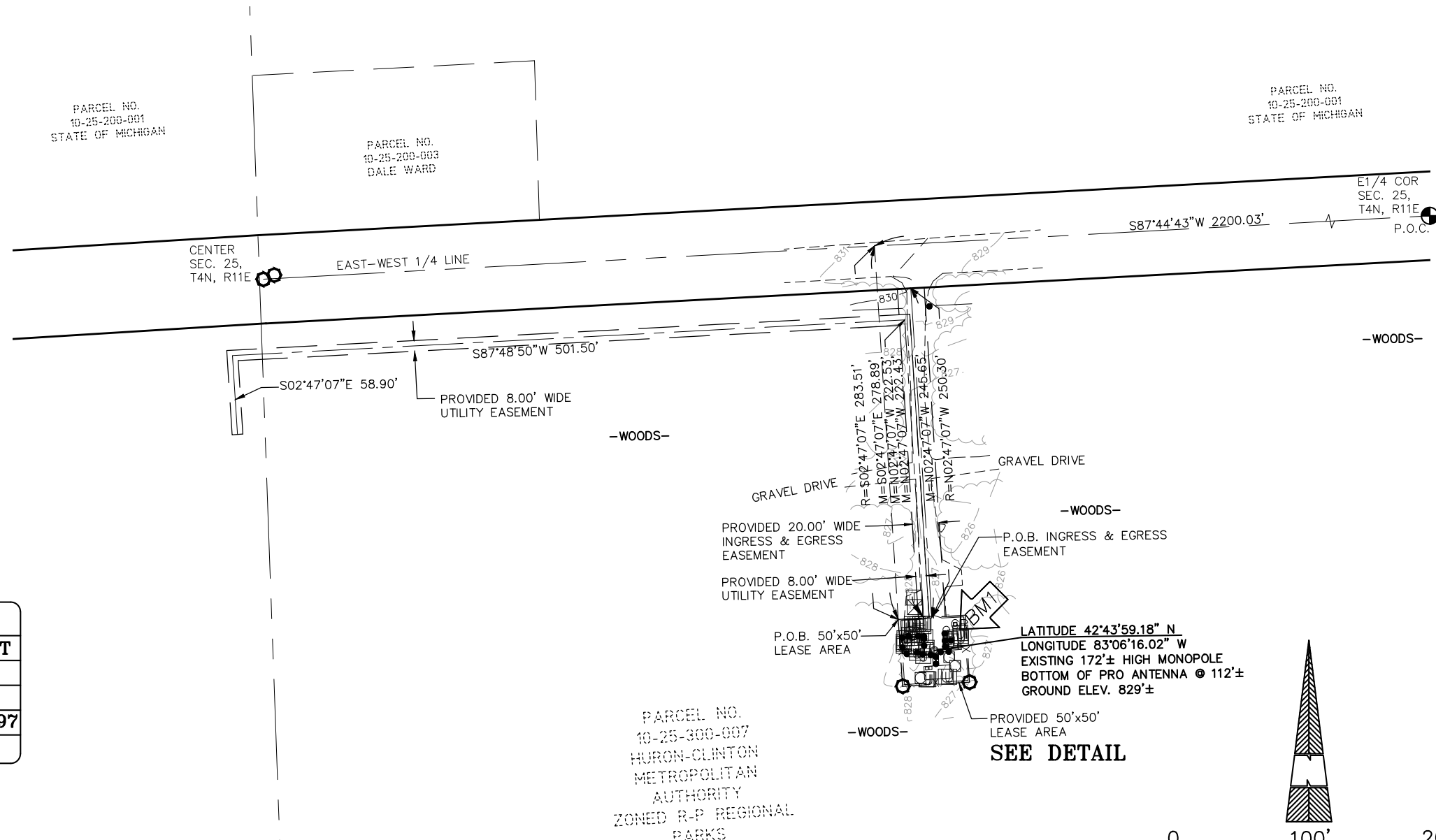
SHEET TITLE

AS-BUILT SURVEY

PROJECT

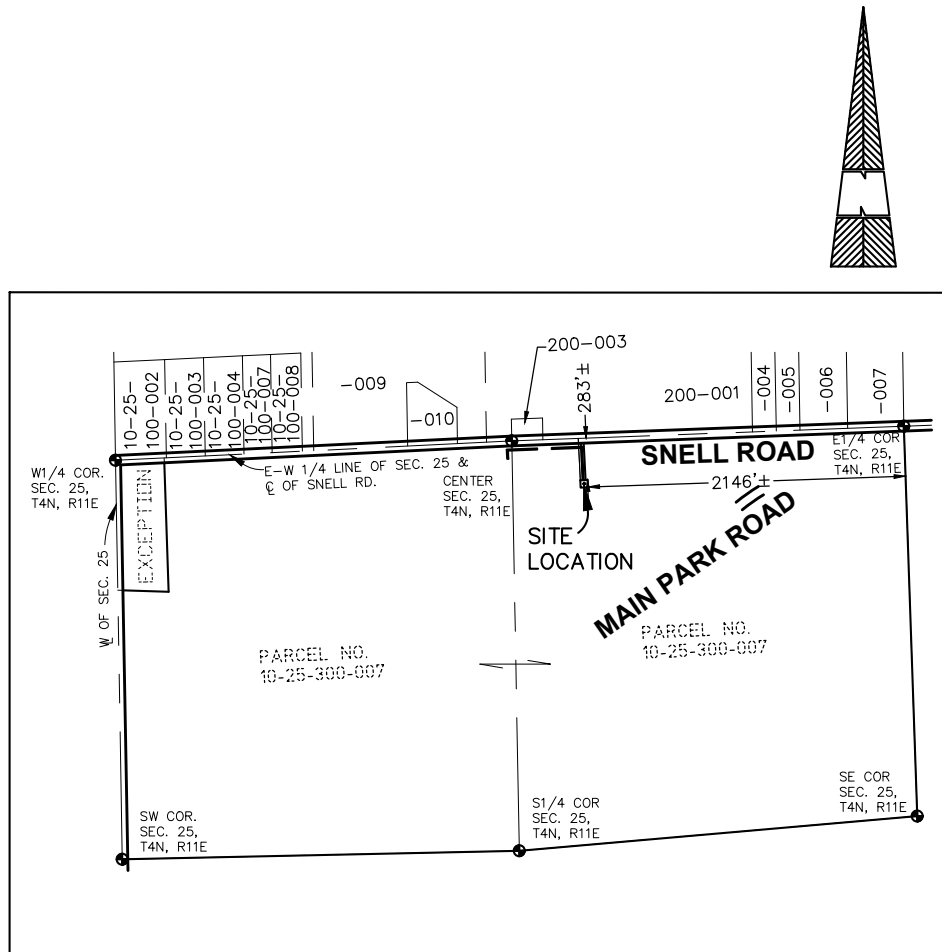
BU# 876876 Stony Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER 208056.037	SHEET NUMBER 1 OF 3
------------------------------	------------------------

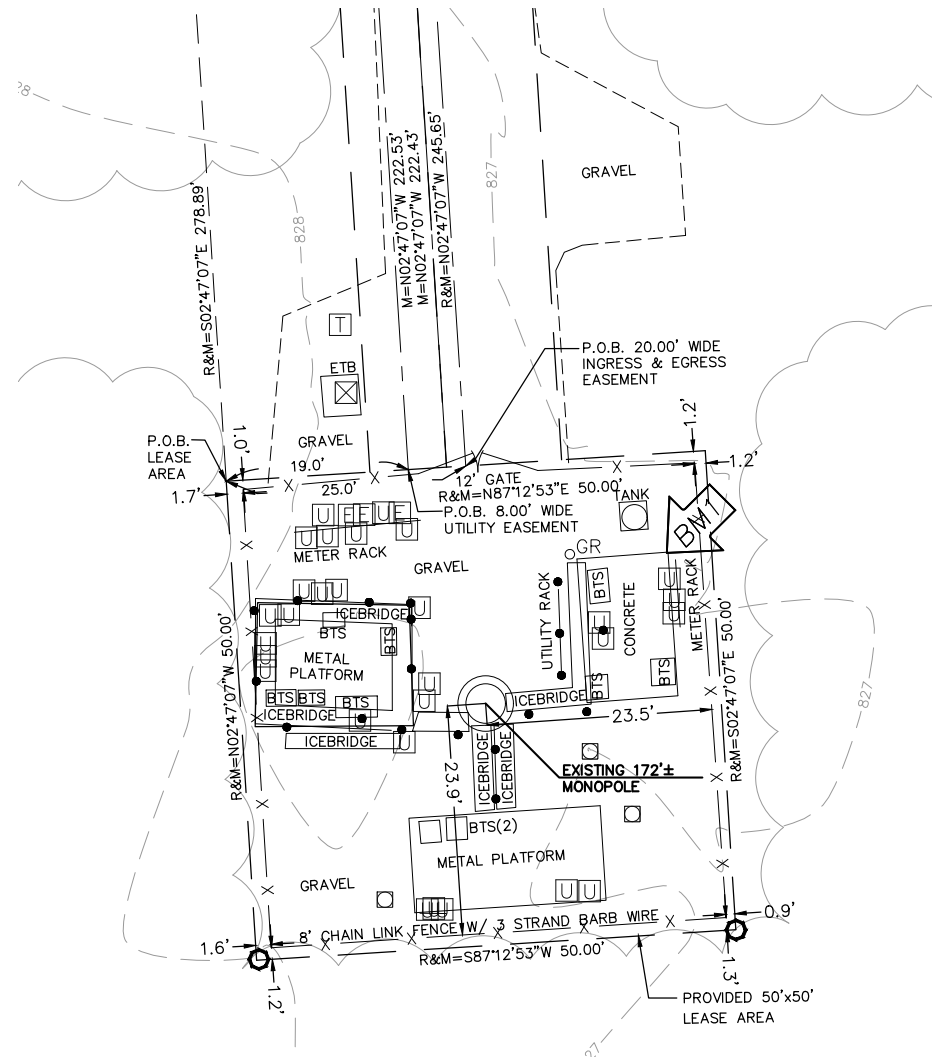


BASIS OF BEARING

LATITUDE AND LONGITUDE OF SITE REFERENCE POINT ARE BASED ON THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)
BEARINGS ARE BASED ON TRUE NORTH AS DETERMINED BY HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)



PROPERTY DETAIL
SCALE: NTS



LEASE AREA DETAIL
SCALE: 1"=20'

SURVEYOR'S CERTIFICATION

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DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

SURVEYOR'S NOTES

1. THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.
2. THERE APPEARS TO BE A PROPANE TANK LOCATED ON THE SUBJECT PROPERTY
3. THERE IS NO LANDSCAPING IN THE PROJECT AREA.

LEGEND

- BENCHMARK
- ELEC. METER
- IRON PIN
- TELE. PEDESTAL
- UTILITY POLE
- POST
- ELEC. TRANS.
- RECORD
- MEASURED
- S.F. = SQUARE FEET
- FND. = FOUND

ENCROACHMENTS

NO ENCROACHMENTS NOTED AT TIME OF SURVEY.

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:



616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	x/xx/xx	xxxxxx
2.	x/xx/xx	xxxxx
3.		
DRAWN BY		CHECKED BY
A. GRIFFIN		T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	2 OF 3

BASIS OF BEARING

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BEARINGS ARE BASED ON TRUE NORTH AS DETERMINED BY HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)

LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

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DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

PARENT PARCEL AS PROVIDED

Land in the Township of Oakland, Oakland County, Michigan, described as follows:

The South 1/2 of Section 25, EXCEPT beginning at the West 1/4 corner, thence South 89 degrees 34 minutes 00 seconds East 324.13 feet, thence South 00 degrees 34 minutes 00 seconds East 904.62 feet, thence North 84 degrees 54 minutes 00 seconds West 331.18 feet, thence North 00 degrees 12 minutes 32 seconds West 877.59 feet to beginning, Town 4 North, Range 11 East Township of Oakland, Oakland County, Michigan.

SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

All that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet TO THE PLACE OF BEGINNING OF THIS DESCRIPTION; thence North 87°12'53" East 50.00 feet; thence South 02°47'07" East 50.00 feet; thence South 87°12'53" West 50.00 feet; thence North 02°47'07" West 50.00 feet to the place of beginning of this description.

PROVIDED CROWN CASTLE INGRESS/EGRESS EASEMENT

Ingress/Egress Easement

A 20.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 25.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 245.65 feet to the South right of way line of Snell Road for the place of ending of this centerline description.

PROVIDED CROWN CASTLE UTILITY EASEMENT

Utility Easement

A 8.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 19.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 222.43 feet; thence South 87°48'50" West 501.50 feet; thence South 02°47'07" East 58.90 feet to the place of ending of this centerline description.

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:

williams&works
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	xx/xx/xx	xxxxx
2.		
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	3 OF 3

ENCROACHMENTS

NO ENCROACHMENTS NOTED AT TIME OF SURVEY.

ZONING NOTES

AS SHOWN ON SPRINT PCS COMPREHENSIVE SITE REPORT THIS SITE IS ZONED: REGIONAL PARKS

SETBACKS: FRONT: HEIGHT OF TOWER
REAR: HEIGHT OF TOWER
SIDE: HEIGHT OF TOWER

FLOOD NOTE

FLOOD NOTE: WE HAVE CONSULTED THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE MAP AS PREPARED FOR THE TOWNSHIP OAKLAND, OAKLAND COUNTY, MICHIGAN, COMMUNITY PANEL NUMBER 26125C0401F, EFFECTIVE ON 09/29/2006 AND FIND THAT THE PROJECT SITE IS NOT WITHIN THE 100 YEAR FLOOD PLAIN.

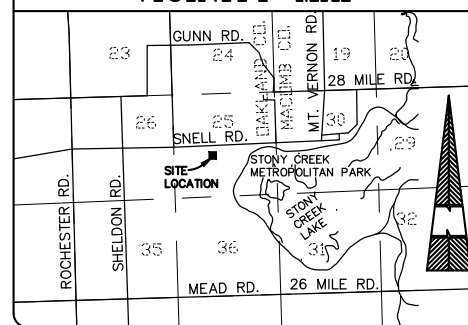
LEGEND

- BENCHMARK
- IRON PIN
- UTILITY POLE
- POST
- ELEC. TRANS.
- ELEC. METER
- TELE. PEDESTAL
- RECORD
- MEASURED
- SQUARE FEET
- FOUND

LAND AREA

PARCEL	ACRES	SQ. FEET
LEASE AREA	0.057	2,500
INGRESS/EGRESS	0.112	4,913
PARENT	322.963	14,068,297
UTILITY	0.143	6,263

VICINITY MAP



SCHEDULE B ITEMS

SEE SHEET 2 OF 2

SURVEYOR'S NOTES

1. THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.
2. THERE APPEARS TO BE A PROPANE TANK LOCATED ON THE SUBJECT PROPERTY.
3. THERE IS NO LANDSCAPING IN THE PROJECT AREA.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:



engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO. DATE REVISIONS

NO.	DATE	REVISIONS
1.	X/XX/XX	XXXXX
2.	X/XX/XX	XXXXX
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

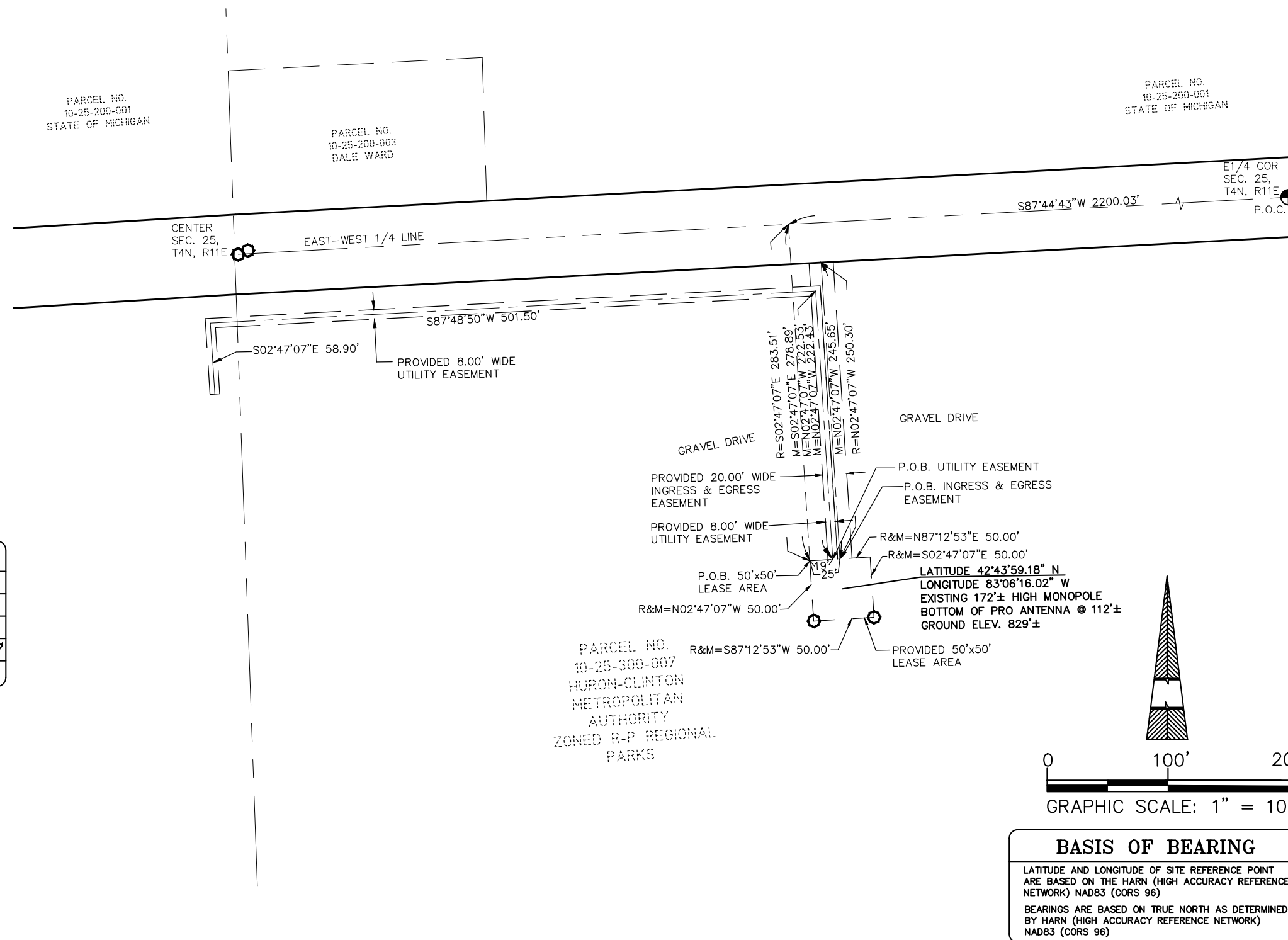
SHEET TITLE

BOUNDARY SURVEY

PROJECT

BU# 876876 Stony Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	1 OF 2



LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
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2000 CORPORATE DRIVE
CANONSBURG, PA 15317

PARENT PARCEL AS PROVIDED

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SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

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Ingress/Egress Easement

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NO.	DATE	REVISIONS
1.	x/xx/xx	xxxxx
2.	x/xx/xx	xxxxx
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

SHEET TITLE

BOUNDARY SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	2 OF 2

SITE NAME: 4010 – Rochester & Stony Creek
 SITE NUMBER: 301474
 ATTY/DATE Dykema/8/24/21

LAND LEASE AGREEMENT

This Land Lease Agreement (the "Agreement") made this 9th day of, September 2021, between Huron Clinton Metropolitan Authority with its principal offices at 13000 High Ridge Drive, Brighton, MI 48114 hereinafter designated LESSOR and Cellco Partnership d/b/a Verizon Wireless with its principal offices at One Verizon Way, Mail Stop 4AW100, Basking Ridge, New Jersey 07920 (telephone number 866-862-4404), hereinafter designated LESSEE. LESSOR and LESSEE are at times collectively referred to hereinafter as the "Parties" or individually as the "Party."

WITNESSETH

In consideration of the mutual covenants contained herein and intending to be legally bound hereby, the Parties hereto agree as follows:

1. **GRANT.** In accordance with this Agreement, LESSOR hereby grants to LESSEE the right to install, maintain and operate communications equipment ("Use") upon the Premises (as hereinafter defined), which are a part of that real property owned, leased or controlled by LESSOR at 1588 Snell Road, Oakland Twp., MI 48306 (the "Property"). The Property is legally described on Exhibit "A" attached hereto and made a part hereof. The Premises are a portion of the Property and are approximately 198 square feet, and are shown in detail on Exhibit "B" attached hereto and made a part hereof. LESSEE may survey the Premises. Upon completion, the survey may be added to Exhibit "B".

2. **INITIAL TERM.** This Agreement shall be effective as of the date of execution by both Parties ("Effective Date"). The initial term of the Agreement shall be for 5 years beginning on the first day of the month following the Commencement Date (as hereinafter defined). The "Commencement Date" shall be the first day of the month after LESSEE begins installation of LESSEE's communications equipment.

3. **EXTENSIONS.** This Agreement shall automatically be extended for 4 additional 5 year terms unless Lessee terminates it at the end of the then current term by giving LESSOR written notice of the intent to terminate at least six (6) months prior to the end of the then current term. The initial term and all extensions shall be collectively referred to herein as the "Term".

4. **RENTAL.**

(a). Rental payments shall begin to accrue as of the Effective Date of this Agreement and be due at a total annual rental of \$27,600.00, to be paid in equal monthly installments on the first day of the month, in advance, to LESSOR at 13000 High Ridge Drive, Brighton, MI 48114 or to such other person, firm, or place as LESSOR may, from time to time, designate in writing at least 30 days in advance of any rental payment date by notice given in accordance with Paragraph 20 below. Notwithstanding the fact that rent begins to accrue as of the Effective Date of this Agreement, LESSOR and LESSEE acknowledge and agree that the initial rental payment may not be delivered by LESSEE until 60 days after the Commencement Date without penalty or interest. Upon agreement of the Parties, LESSEE may pay rent by electronic funds transfer and in such event, LESSOR agrees to provide to LESSEE bank routing information for such purpose upon request of Lessee.

(b). For any party to whom rental payments are to be made, LESSOR or any successor in interest of LESSOR hereby agrees to provide to LESSEE (i) a completed, current version of Internal Revenue Service Form W-9, or equivalent; (ii) complete and fully executed state and local withholding forms if required; and (iii) other documentation to verify LESSOR's or such other party's right to receive rental as is reasonably requested by LESSEE. Rental shall accrue in accordance with this Agreement, but LESSEE shall have no obligation to deliver rental payments until the requested documentation has been received by LESSEE. Upon receipt of the requested documentation, LESSEE shall deliver the accrued rental payments as directed by LESSOR.

(c). RENTALS. On each annual anniversary of the Commencement Date, the annual rental for the subsequent twelve (12) month period of the Term shall increase by Three Percent (3%) over the annual rental for the immediately preceding twelve (12) month period.

(d) LATE PAYMENTS. Any payment received more than thirty (30) days after the due date shall be assessed a penalty of \$100 and interest at the rate of 15% compounded monthly.

(e) EXECUTION BONUS. Within 60 days of full and final execution of this lease and accompanying Memorandum of Lease, LESSEE shall pay to LESSOR, an execution bonus of Twenty Thousand Dollars (\$20,000).

5. ACCESS. LESSEE shall have the non-exclusive right of ingress and egress from a public right-of-way, 7 days a week, 24 hours a day, over the Property to and from the Premises for the purpose of installation, operation and maintenance of LESSEE's communications equipment over or along the existing Right of Way/Easement such as it is, a 20 foot wide right-of-way ("Easement"), which shall be depicted on Exhibit "B". LESSEE may use the Easement for the installation, operation and maintenance of wires, cables, conduits and pipes for all necessary electrical, telephone, fiber and other similar support services. In the event it is necessary, LESSOR agrees to grant LESSEE or the provider the right to install such services on, through, over and/or under the Property, provided the location of such services shall be reasonably approved by LESSOR. Notwithstanding anything to the contrary, the Premises shall include such additional space sufficient for LESSEE's radio frequency signage and/or barricades as are necessary to ensure LESSEE's compliance with Laws (as defined in Paragraph 27). LESSEE shall reasonably accommodate residential neighbors of LESSOR'S property surrounding the leased premises. As such, no construction shall be permitted on any day from the hours of 9pm to 7am, except in the event of an emergency, which shall be determined by LESSEE in its sole and absolute discretion.

6. CONDITION OF PROPERTY. LESSOR shall deliver the Premises to LESSEE as is, whether in a condition ready for LESSEE's Use and clean and free of debris or not. LESSOR represents and warrants to LESSEE that as of the Effective Date, the Premises (a) in compliance with all Laws; and (b) in compliance with all EH&S Laws (as defined in Paragraph 24).

7. IMPROVEMENTS. The communications equipment including, without limitation, the tower structure, antennas, conduits, fencing and other screening, and other improvements shall be at LESSEE's expense and installation shall be at the discretion and option of LESSEE. LESSEE shall have the right to replace, repair, add or otherwise modify its communications equipment, tower structure, antennas, conduits, fencing and other screening, or other improvements or any portion thereof and the frequencies over which the communications equipment operates, whether or not any of the communications equipment, antennas, conduits or other improvements are listed on any exhibit. LESSEE's

facilities shall be installed and maintained in substantial compliance with the final appearance as set forth in drawing attached as part of Exhibit B.

8. GOVERNMENT APPROVALS. LESSEE's Use is contingent upon LESSEE obtaining all of the certificates, permits and other approvals (collectively the "Government Approvals") that may be required by any Federal, State or Local authorities (collectively, the "Government Entities") as well as a satisfactory soil boring test, environmental studies, or any other due diligence Lessee chooses that will permit LESSEE's Use. LESSOR shall cooperate with LESSEE in its effort to obtain such approvals and shall take no action which would adversely affect the status of the Property with respect to LESSEE's Use.

9. TERMINATION. LESSEE may, unless otherwise stated, immediately terminate this Agreement upon written notice to LESSOR in the event that (i) any applications for such Government Approvals should be finally rejected; (ii) any Government Approval issued to LESSEE is canceled, expires, lapses or is otherwise withdrawn or terminated by any Government Entity; (iii) LESSEE determines that such Government Approvals may not be obtained in a timely manner; (iv) LESSEE determines any structural analysis is unsatisfactory; (v) LESSEE, in its sole discretion, determines the Use of the Premises is obsolete or unnecessary; (vi) with 6 months prior notice to LESSOR, upon the annual anniversary of the Commencement Date; or (vii) at any time before the Commencement Date for any reason or no reason in LESSEE's sole discretion.

10. INDEMNIFICATION. Subject to Paragraph 11, LESSEE shall indemnify and hold LESSOR harmless against any claim of liability or loss from personal injury or property damage resulting from or arising out of the negligence or willful misconduct of the LESSEE, its employees, contractors or agents, except to the extent such claims or damages may be due to or caused by the negligence or willful misconduct of the LESSOR, or its employees, contractors or agents. The indemnified Party will provide the indemnifying Party with prompt, written notice of any claim covered by this indemnification; provided that any failure of the indemnified Party to provide any such notice, or to provide it promptly, shall not relieve the indemnifying Party from its indemnification obligation in respect of such claim, except to the extent the indemnifying Party can establish actual prejudice and direct damages as a result thereof. The indemnified Party will cooperate appropriately with the indemnifying Party in connection with the indemnifying Party's defense of such claim. The indemnifying Party shall defend any indemnified Party, at the indemnified Party's request, against any claim with counsel reasonably satisfactory to the indemnified Party. The indemnifying Party shall not settle or compromise any such claim or consent to the entry of any judgment without the prior written consent of each indemnified Party and without an unconditional release of all claims by each claimant or plaintiff in favor of each indemnified Party.

11. INSURANCE. LESSEE agrees that at its own cost and expense, it will maintain commercial general liability insurance with limits of \$4,000,000 per occurrence for bodily injury (including death) and for damage or destruction to property. The LESSEE agrees to include LESSOR as an additional insured on all LESSEE'S policies of insurance concerning the Premises or the Property and such policies shall waive the insurer's right of subrogation against any other Party.

12. LIMITATION OF LIABILITY. Except for indemnification pursuant to Paragraphs 10 and 24, a violation of Paragraph 29, or a violation of law, neither Party shall be liable to the other, or any of their respective agents, representatives, or employees for any lost revenue, lost profits, loss of technology, rights or services, incidental, punitive, indirect, special or consequential damages, loss of data, or interruption or loss of use of service, even if advised of the possibility of such damages, whether under theory of contract, tort (including negligence), strict liability or otherwise.

13. INTERFERENCE.

(a). LESSEE agrees that LESSEE will not cause interference that is measurable in accordance with industry standards, to LESSOR's or any other LESSEE'S equipment. LESSOR agrees that LESSOR will not affect any changes after LESSEE installs its facilities, causing interference that is measurable in accordance with industry standards to the then existing equipment of LESSEE.

(b). Without limiting any other rights or remedies, if LESSOR interference occurs and continues for a period in excess of 48 hours following notice to LESSOR via the contact information included at Section 19, LESSOR shall make reasonable arrangements to reduce or otherwise mitigate its own interference including when and where reasonable, the reduction of power or cessation of operations of the interfering equipment until the interference is cured.

(c). The Parties acknowledge that there will not be an adequate remedy at law for noncompliance with the provisions of this Paragraph and therefore the Parties shall have the right to equitable remedies such as, without limitation, injunctive relief and specific performance.

(d). LESSOR is not responsible for interference caused by any 3rd parties not under LESSOR'S direct control. This specifically includes all parties to any and all leases related to use of the subject cellular monopole.

14. REMOVAL AT END OF TERM. Upon expiration or within 90 days of earlier termination, LESSEE shall remove LESSEE's Communications Equipment (except footings) and restore the Premises to its original condition, reasonable wear and tear and casualty damage excepted. LESSOR agrees and acknowledges that the communications equipment other than the mono-tower itself, shall remain the personal property of LESSEE and LESSEE shall have the right to remove the same at any time during the Term, whether or not said items are considered fixtures and attachments to real property under applicable laws. If such time for removal causes LESSEE to remain on the Premises after termination of the Agreement, LESSEE shall pay rent at the then existing monthly rate or on the existing monthly pro-rata basis if based upon a longer payment term, until the removal of the communications equipment is completed.

15. HOLDOVER. If upon expiration of the Term, LESSEE holds over after the expiration or earlier termination of the Term, then LESSEE shall pay rent at the then existing monthly rate or on the existing monthly pro-rata basis if based upon a longer payment term, times a factor of 125%, until the removal of the communications equipment is completed or the lease is otherwise renewed or renegotiated.

16. RIGHT OF FIRST REFUSAL. If at any time after the Effective Date, LESSOR receives an offer or letter of intent from any person or entity that is in the business of owning, managing or operating communications facilities or is in the business of acquiring landlord interests in agreements relating to communications facilities, to purchase fee title, an easement, a lease, a license, or any other interest in the Premises or any portion thereof or to acquire any interest in this Agreement, or an option for any of the foregoing, LESSOR shall provide written notice to LESSEE of said offer ("LESSOR's Notice"). LESSOR's Notice shall include the prospective buyer's name, the purchase price being offered, any other

consideration being offered, the other terms and conditions of the offer, a description of the portion of and interest in the Premises and/or this Agreement which will be conveyed in the proposed transaction, and a copy of any letters of intent or form agreements presented to LESSOR by the third party offeror. LESSEE shall have the right of first refusal, subject to any such right of any other party, preceding execution of this agreement, to meet any bona fide offer of sale or transfer on the terms and conditions of such offer or by effectuating a transaction with substantially equivalent financial terms. If LESSEE fails to provide written notice to LESSOR that LESSEE intends to meet such bona fide offer within thirty (30) days after receipt of LESSOR's Notice, LESSOR may proceed with the proposed transaction in accordance with the terms and conditions of such third party offer, in which event this Agreement shall continue in full force and effect and the right of first refusal described in this Paragraph shall survive any such conveyance to a third party. If LESSEE provides LESSOR with notice of LESSEE's intention to meet the third party offer within thirty (30) days after receipt of LESSOR's Notice, then if LESSOR's Notice describes a transaction involving greater space than the Premises, LESSEE may elect to proceed with a transaction covering only the Premises and the purchase price shall be pro-rated on a square footage basis. Further, LESSOR acknowledges and agrees that if LESSEE exercises this right of first refusal, LESSEE may require a reasonable period of time to conduct due diligence and effectuate the closing of a transaction on substantially equivalent financial terms of the third party offer. LESSEE may elect to amend this Agreement to effectuate the proposed financial terms of the third party offer rather than acquiring fee simple title or an easement interest in the Premises.

17. RIGHTS UPON SALE. Should LESSOR, at any time during the Term, decide (i) to sell or otherwise transfer all or any part of the Property, or (ii) to grant to a third party by easement or other legal instrument an interest in and to any portion of the Premises, such sale, transfer, or grant of an easement or interest therein shall be under and subject to this Agreement and any such purchaser or transferee shall recognize LESSEE's rights hereunder. In the event that LESSOR completes any such sale, transfer, or grant described in this Paragraph without executing an assignment of the Agreement whereby the third party agrees in writing to assume all obligations of LESSOR under this Agreement, then LESSOR shall not be released from its obligations to LESSEE under this Agreement, and LESSEE shall have the right to look to LESSOR and the third party for the full performance of the Agreement.

18. LESSOR'S TITLE. LESSOR covenants that LESSEE, on paying the rent and performing the covenants herein, shall peaceably and quietly have, hold and enjoy the Premises. LESSOR represents and warrants to LESSEE as of the Effective Date and covenants during the Term that LESSOR has full authority to enter into and execute this Agreement and that there are no liens, judgments, covenants, easement, restrictions or other impediments of title that will adversely affect LESSEE's Use.

19. ASSIGNMENT. Without any approval or consent of the other Party, this Agreement may be sold, assigned or transferred by either Party to (i) any entity in which the Party directly or indirectly holds an equity or similar interest; (ii) any entity which directly or indirectly holds an equity or similar interest in the Party; or (iii) any entity directly or indirectly under common control with the Party; (iv) LESSEE may assign this Agreement to any entity which acquires all or substantially all of LESSEE's national assets by reason of a merger, acquisition or other business reorganization without approval or consent of LESSOR. (v) As to other parties, this Agreement may not be sold, assigned or transferred without the written consent of LESSOR, which such consent will not be unreasonably withheld, delayed or conditioned. Such consent may require the payment of reasonable additional compensation if agreed to between Lessor and Lessee. No change of stock ownership, partnership interest or control of LESSEE or transfer upon partnership or corporate dissolution of either Party shall constitute an assignment hereunder. LESSEE may sublet the

Premises only upon notice to and with the written consent of LESSOR, which such consent will not be unreasonably withheld, delayed or conditioned.

20. NOTICES. Except for notices permitted via telephone in accordance with Paragraph 13, all notices hereunder must be in writing and shall be deemed validly given if sent by certified mail, return receipt requested or by commercial courier, provided the courier's regular business is delivery service and provided further that it guarantees delivery to the addressee by the end of the next business day following the courier's receipt from the sender, addressed as follows (or any other address that the Party to be notified may have designated to the sender by like notice):

LESSOR: Huron Clinton Metropolitan Authority,
Attn: Executive Director,
13000 High Ridge Drive,
Brighton, MI 48114
Phone: 586-781-4242

LESSEE: Cellco Partnership
d/b/a Verizon Wireless
180 Washington Valley Road
Bedminster, New Jersey 07921
Attention: Network Real Estate
Phone: 866-862-4404

Notice shall be effective upon actual receipt or refusal as shown on the receipt obtained pursuant to the foregoing. Email and Phone communication is available, but does not constitute Notice.

21. DEFAULT. It is a "Default" if (i) either Party materially fails to comply with this Agreement and does not remedy the failure within 30 days after written notice by the other Party or, if the failure cannot reasonably be remedied in such time, if the failing Party does not commence a remedy within the allotted 30 days and diligently pursue the cure to completion within 90 days after the initial written notice. or (ii) LESSOR fails to comply with this Agreement and the failure interferes with LESSEE's Use and LESSOR does not remedy the failure within 5 days after written notice from LESSEE or, if the failure cannot reasonably be remedied in such time, if LESSOR does not commence a remedy within the allotted 5 days and diligently pursue the cure to completion within 15 days after the initial written notice.

22. REMEDIES. In the event of a Default, without limiting the non-defaulting Party in the exercise of any right or remedy which the non-defaulting Party may have by reason of such default, the non-defaulting Party may terminate this Agreement and/or pursue any remedy now or hereafter available to the non-defaulting Party under the Laws or judicial decisions of the state in which the Property is located. Further, upon a Default, the non-defaulting Party may at its option (but without obligation to do so), perform the defaulting Party's duty or obligation. The costs and expenses of any such performance by the non-defaulting Party shall be due and payable by the defaulting Party upon invoice therefor. If LESSEE undertakes any such performance on LESSOR's behalf and LESSOR does not pay LESSEE the full undisputed amount within 30 days of its receipt of an invoice setting forth the amount due, LESSEE may

offset the full undisputed amount due against all fees due and owing to LESSOR under this Agreement until the full undisputed amount is fully reimbursed to LESSEE.

23. ENVIRONMENTAL. LESSEE shall conduct its business in compliance with all applicable laws governing the protection of the environment or employee health and safety (“EH&S Laws”). LESSEE shall indemnify and hold harmless the LESSOR from claims to the extent resulting from LESSEE’s violation of any applicable EH&S Laws or to the extent that LESSEE causes a release of any regulated substance to the environment. The Parties recognize that LESSEE is only leasing a small portion of LESSOR’s property and that LESSEE shall not be responsible for any environmental condition or issue except to the extent resulting from LESSEE’s or its agents, contractors or employees or any others acting at its direction or otherwise on its behalf, specific activities and responsibilities. In the event that LESSEE encounters any hazardous substances that do not result from its activities, and that directly impacts LESSEE’S ability to utilize the leased premises in the manner intended, LESSEE may relocate its facilities to avoid such hazardous substances to a mutually agreeable location.

24. CASUALTY. If a fire or other casualty not caused by LESSEE damages the Property or the Premises and impairs LESSEE’s Use, rent shall abate until LESSEE’S Use is restored. If LESSEE’s Use is not restored within 45 days, LESSEE may terminate this Agreement.

25. CONDEMNATION. If a condemnation of any portion of the Property or Premises impairs LESSEE’s Use, Lessee may terminate this Agreement. LESSEE may on its own behalf make a claim in any condemnation proceeding involving the Premises for losses related to LESSEE’s communications equipment, relocation costs and, specifically excluding loss of LESSEE’s leasehold interest, any other damages LESSEE may incur as a result of any such condemnation.

26. APPLICABLE LAWS. During the Term, LESSOR shall maintain the Property in compliance with all applicable laws, EH&S Laws, rules, regulations, ordinances, directives, covenants, easements, consent decrees, zoning and land use regulations, and restrictions of record, permits, building codes, and the requirements of any applicable fire insurance underwriter or rating bureau, now in effect or which may hereafter come into effect (including, without limitation, the Americans with Disabilities Act and laws regulating hazardous substances) (collectively “Laws”). LESSEE shall, in respect to the condition of the Premises and at LESSEE’s sole cost and expense, comply with (i) all Laws relating solely to LESSEE’s specific and unique nature of use of the Premises; and (ii) all building codes requiring modifications to the Premises due to the improvements being made by LESSEE in the Premises. It shall be LESSOR’s obligation to comply with all Laws relating to the Property, without regard to specific use (including, without limitation, modifications required to enable LESSEE to obtain all necessary building permits).

27. TAXES.

(a). LESSOR shall invoice and LESSEE shall pay any applicable transaction tax (including sales, use, gross receipts, or excise tax) imposed on the LESSEE and required to be collected by the LESSOR based on any service, rental space, or equipment provided by the LESSOR to the LESSEE. LESSEE shall pay all personal property taxes, fees, assessments, or other taxes and charges imposed by any Government Entity that are imposed on the LESSEE and required to be paid by the LESSEE that are directly attributable to the LESSEE’s equipment or LESSEE’s use and occupancy of the Premises. Payment shall be made by LESSEE within 60 days after presentation of a receipted bill and/or assessment notice which is the basis for such taxes or charges. LESSOR shall pay all ad valorem, personal property, real estate, sales and use taxes, fees, assessments or

other taxes or charges that are attributable to LESSOR's Property or any portion thereof imposed by any Government Entity.

(b). LESSEE shall have the right, at its sole option and at its sole cost and expense, to appeal, challenge or seek modification of any tax assessment or billing for which LESSEE is wholly or partly responsible for payment. LESSOR shall reasonably cooperate with LESSEE at LESSEE's expense in filing, prosecuting and perfecting any appeal or challenge to taxes as set forth in the preceding sentence, including but not limited to, executing any consent, appeal or other similar document. In the event that as a result of any appeal or challenge by LESSEE, there is a reduction, credit or repayment received by the LESSOR for any taxes previously paid by LESSEE, LESSOR agrees to promptly reimburse to LESSEE the amount of said reduction, credit or repayment. In the event that LESSEE does not have the standing rights to pursue a good faith and reasonable dispute of any taxes under this paragraph, LESSOR will pursue such dispute at LESSEE's sole cost and expense upon written request of LESSEE.

28. MISCELLANEOUS. This Agreement contains all agreements, promises and understandings between the LESSOR and the LESSEE regarding this transaction, and no oral agreement, promises or understandings shall be binding upon either the LESSOR or the LESSEE in any dispute, controversy or proceeding. This Agreement may not be amended or varied except in a writing signed by all Parties. This Agreement shall extend to and bind the heirs, personal representatives, successors and assigns hereto. The failure of either party to insist upon strict performance of any of the terms or conditions of this Agreement or to exercise any of its rights hereunder shall not waive such rights and such party shall have the right to enforce such rights at any time. The performance of this Agreement shall be governed, interpreted, construed and regulated by the laws of the state in which the Premises is located without reference to its choice of law rules. Except as expressly set forth in this Agreement, nothing in this Agreement shall grant, suggest or imply any authority for one Party to use the name, trademarks, service marks or trade names of the other for any purpose whatsoever. LESSOR agrees to execute a Memorandum of this Agreement, which LESSEE may record with the appropriate recording officer. The provisions of the Agreement relating to indemnification from one Party to the other Party shall survive any termination or expiration of this Agreement. All utilities and related costs and expenses for the Premises shall be the sole responsibility of LESSEE.

[Signature page follows. The remainder of this page is intentionally blank.]

IN WITNESS WHEREOF, the Parties hereto have set their hands and affixed their respective seals the day and year first above written.

LESSOR:
Huron-Clinton Metropolitan Authority

By: _____
Amy McMillan

Its: Director _____

Date: _____

LESSEE:
Cellco Partnership d/b/a Verizon Wireless

By: _____

Its: _____

Date: _____

EXHIBIT "A"
DESCRIPTION OF PROPERTY

LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

PARENT PARCEL AS PROVIDED

Land in the Township of Oakland, Oakland County, Michigan, described as follows:

The South 1/2 of Section 25, EXCEPT beginning at the West 1/4 corner, thence South 89 degrees 34 minutes 00 seconds East 324.13 feet, thence South 00 degrees 34 minutes 00 seconds East 904.62 feet, thence North 84 degrees 54 minutes 00 seconds West 331.18 feet, thence North 00 degrees 12 minutes 32 seconds West 877.59 feet to beginning, Town 4 North, Range 11 East Township of Oakland, Oakland County, Michigan.

SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

All that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet TO THE PLACE OF BEGINNING OF THIS DESCRIPTION; thence North 87°12'53" East 50.00 feet; thence South 02°47'07" East 50.00 feet; thence South 87°12'53" West 50.00 feet; thence North 02°47'07" West 50.00 feet to the place of beginning of this description.

PROVIDED CROWN CASTLE INGRESS/EGRESS EASEMENT

Ingress/Egress Easement

A 20.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 25.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 245.65 feet to the South right of way line of Snell Road for the place of ending of this centerline description.

PROVIDED CROWN CASTLE UTILITY EASEMENT

Utility Easement

A 8.00 foot wide easement in that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, the centerline of which is described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet; thence North 87°12'53" East 19.00 feet TO THE PLACE OF BEGINNING OF THIS CENTERLINE EASEMENT; thence North 02°47'07" West 222.43 feet; thence South 87°48'50" West 501.50 feet; thence South 02°47'07" East 58.90 feet to the place of ending of this centerline description.

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:

williams&works
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	xx/xx/xx	xxxxx
2.		
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	3 OF 3

LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

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DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

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SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

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Utility Easement

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COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:

williams&works
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	x/xx/xx	xxxxx
2.	x/xx/xx	xxxxx
3.		
DRAWN BY		CHECKED BY
A. GRIFFIN		T. MILANOWSKI

SHEET TITLE

BOUNDARY SURVEY

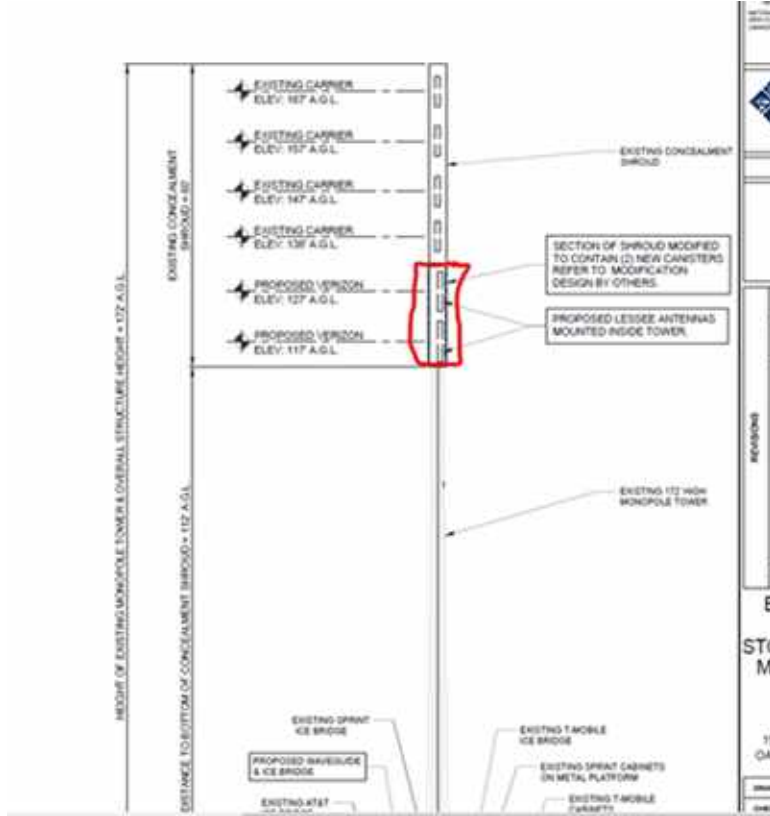
PROJECT

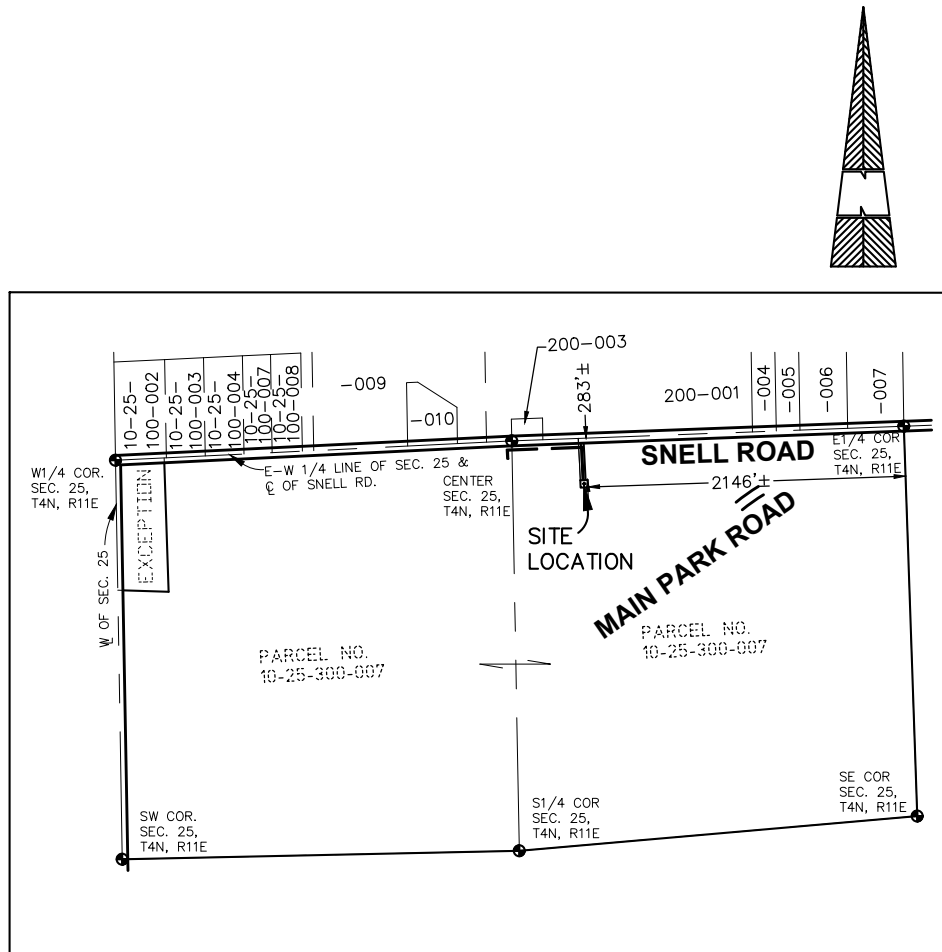
BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	2 OF 2

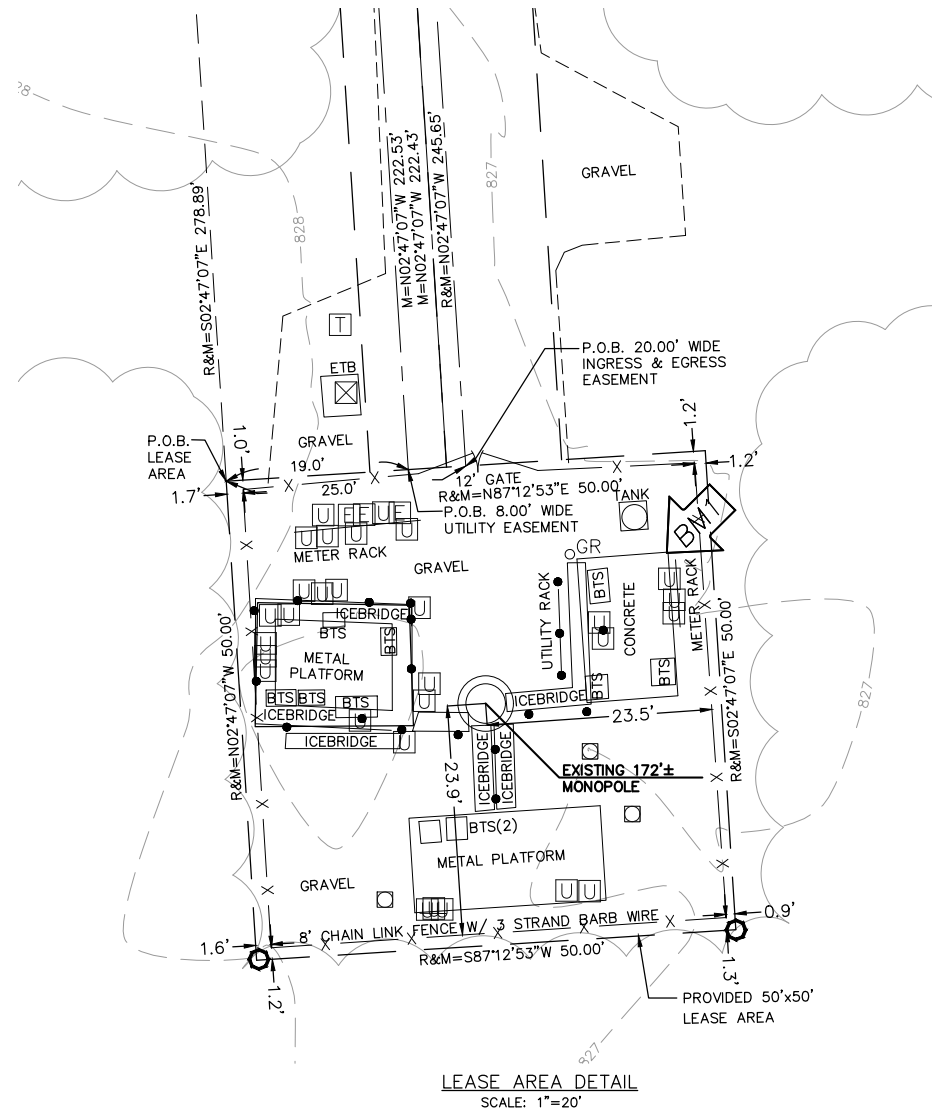
EXHIBIT "B"

SITE PLAN OF THE PREMISES





PROPERTY DETAIL
SCALE: NTS



LEASE AREA DETAIL
SCALE: 1"=20'

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY TO CROWN CASTLE USA AND FIDELITY NATIONAL TITLE INSURANCE COMPANY THAT THE ABOVE IS A REPRESENTATION OF AN ACTUAL SURVEY MADE ON THE GROUND UNDER MY SUPERVISION AND THAT ALL CROWN CASTLE COMPOUND MODIFICATIONS AND EQUIPMENT ARE CONTAINED WITHIN THE FENCED AREA.
DATE OF FIELD SURVEY: OCTOBER 21, 2019

PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

SURVEYOR'S NOTES

1. THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.
2. THERE APPEARS TO BE A PROPANE TANK LOCATED ON THE SUBJECT PROPERTY
3. THERE IS NO LANDSCAPING IN THE PROJECT AREA.

LEGEND

- BENCHMARK
- ELEC. METER
- IRON PIN
- TELE. PEDESTAL
- UTILITY POLE
- POST
- ELEC. TRANS.
- RECORD
- MEASURED
- S.F. = SQUARE FEET
- FND. = FOUND

ENCROACHMENTS

NO ENCROACHMENTS NOTED AT TIME OF SURVEY.

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:



engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	x/xx/xx	xxxxxx
2.	x/xx/xx	xxxxx
3.		
DRAWN BY		CHECKED BY
A. GRIFFIN		T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	2 OF 3

BASIS OF BEARING

LATITUDE AND LONGITUDE OF SITE REFERENCE POINT ARE BASED ON THE HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)
BEARINGS ARE BASED ON TRUE NORTH AS DETERMINED BY HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)

LEGAL DESCRIPTIONS

SURVEYOR'S CERTIFICATION

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Anthony A Milanowski P.S. 66015
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2000 CORPORATE DRIVE
CANONSBURG, PA 15317

PARENT PARCEL AS PROVIDED

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SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

Lease Area

All that part of the South 1/2 of Section 25, Town 4 North, Range 11 East, Oakland Township, Oakland County, Michigan, described as; Commencing at the East 1/4 corner of said section; thence South 87°44'43" West 2200.03 feet along the East-West 1/4 line of said section; thence South 02°47'07" East 278.89 feet TO THE PLACE OF BEGINNING OF THIS DESCRIPTION; thence North 87°12'53" East 50.00 feet; thence South 02°47'07" East 50.00 feet; thence South 87°12'53" West 50.00 feet; thence North 02°47'07" West 50.00 feet to the place of beginning of this description.

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Ingress/Egress Easement

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PROVIDED CROWN CASTLE UTILITY EASEMENT

Utility Easement

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COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:

williams&works
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	xx/xx/xx	xxxxx
2.		
3.		

DRAWN BY	CHECKED BY
A. GRIFFIN	T. MILANOWSKI

SHEET TITLE

AS-BUILT SURVEY

PROJECT

BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	3 OF 3

ENCROACHMENTS

NO ENCROACHMENTS NOTED AT TIME OF SURVEY.

ZONING NOTES

AS SHOWN ON SPRINT PCS COMPREHENSIVE SITE REPORT THIS SITE IS ZONED: REGIONAL PARKS

SETBACKS: FRONT: HEIGHT OF TOWER
REAR: HEIGHT OF TOWER
SIDE: HEIGHT OF TOWER

FLOOD NOTE

FLOOD NOTE: WE HAVE CONSULTED THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE MAP AS PREPARED FOR THE TOWNSHIP OAKLAND, OAKLAND COUNTY, MICHIGAN, COMMUNITY PANEL NUMBER 26125C0401F, EFFECTIVE ON 09/29/2006 AND FIND THAT THE PROJECT SITE IS NOT WITHIN THE 100 YEAR FLOOD PLAIN.

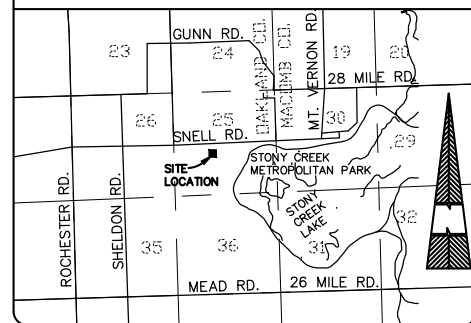
LEGEND

- BENCHMARK
- IRON PIN
- UTILITY POLE
- POST
- ELEC. TRANS.
- ELEC. METER
- TELE. PEDESTAL
- RECORD
- MEASURED
- SQUARE FEET
- FOUND

LAND AREA

PARCEL	ACRES	SQ. FEET
LEASE AREA	0.057	2,500
INGRESS/EGRESS	0.112	4,913
PARENT	322.963	14,068,297
UTILITY	0.143	6,263

VICINITY MAP



SCHEDULE B ITEMS

SEE SHEET 2 OF 2

SURVEYOR'S NOTES

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PRELIMINARY

Anthony A Milanowski P.S. 66015
expires: October 31, 2020



2000 CORPORATE DRIVE
CANONSBURG, PA 15317

COORDINATED BY:



Project Manager: Tom Zimmermann

SURVEYED BY:



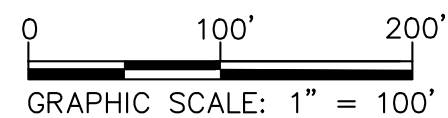
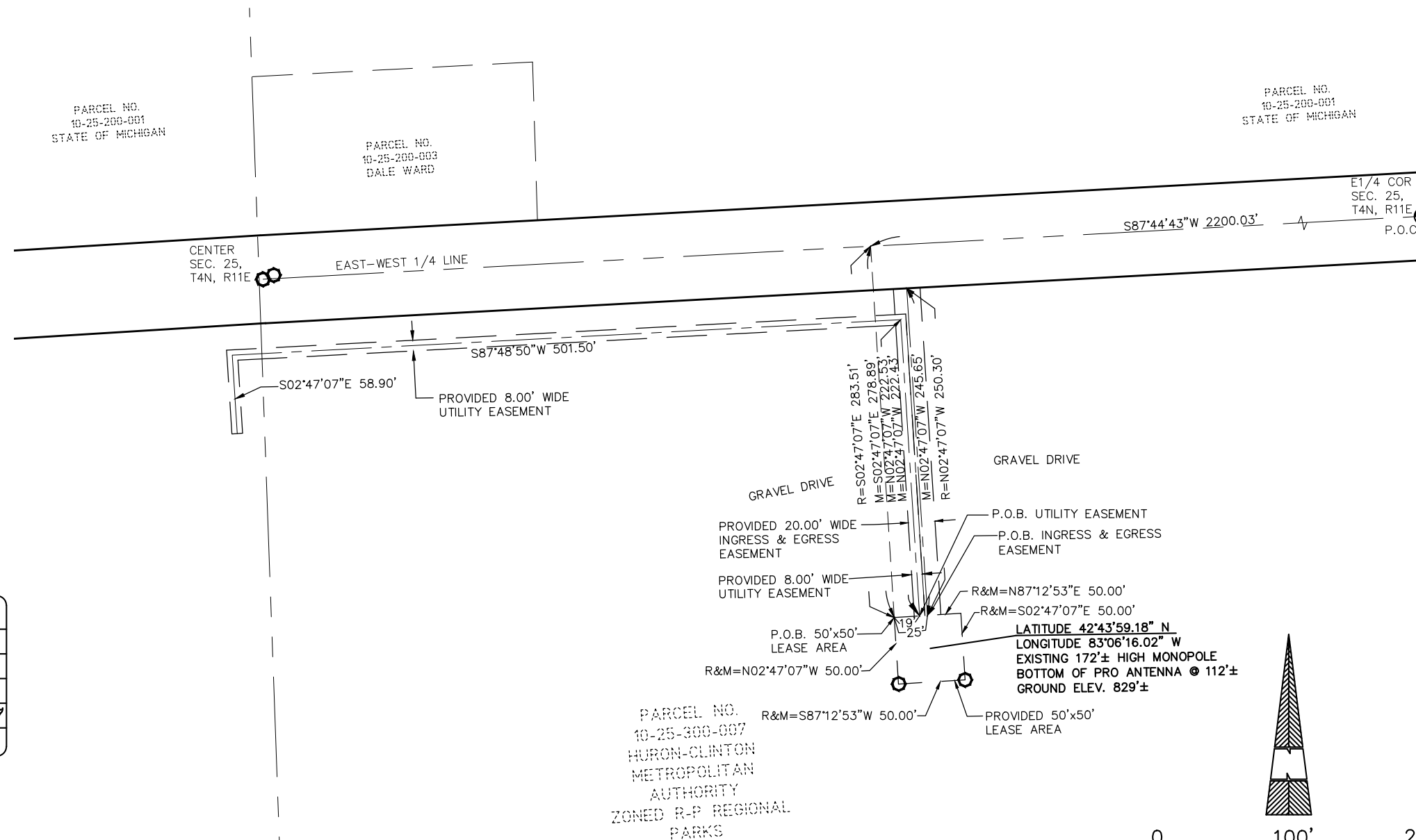
engineers | surveyors | planners

616.224.1500 phone | http://williams-works.com
549 Ottawa Ave NW | Grand Rapids, MI 49503

NO.	DATE	REVISIONS
1.	X/XX/XX	XXXXX
2.	X/XX/XX	XXXXX
3.		

DRAWN BY A. GRIFFIN	CHECKED BY T. MILANOWSKI
------------------------	-----------------------------

SHEET TITLE	
BOUNDARY SURVEY	
PROJECT	
BU# 876876 Stony Creek Metropark	
E. Snell Road	
Oakland Township, MI 48306	
PROJECT NUMBER	SHEET NUMBER
208056.037	1 OF 2



BASIS OF BEARING

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BEARINGS ARE BASED ON TRUE NORTH AS DETERMINED BY HARN (HIGH ACCURACY REFERENCE NETWORK) NAD83 (CORS 96)

LEGAL DESCRIPTIONS

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SCHEDULE B ITEMS CONTINUED

PROVIDED CROWN CASTLE 50'x50' LEASE AREA

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COORDINATED BY:



Project Manager: Tom Zimmermann

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NO.	DATE	REVISIONS
1.	x/xx/xx	xxxxx
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3.		
DRAWN BY		CHECKED BY
A. GRIFFIN		T. MILANOWSKI

SHEET TITLE








BOUNDARY SURVEY

PROJECT

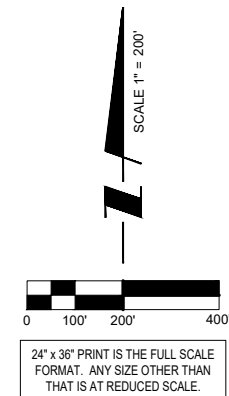
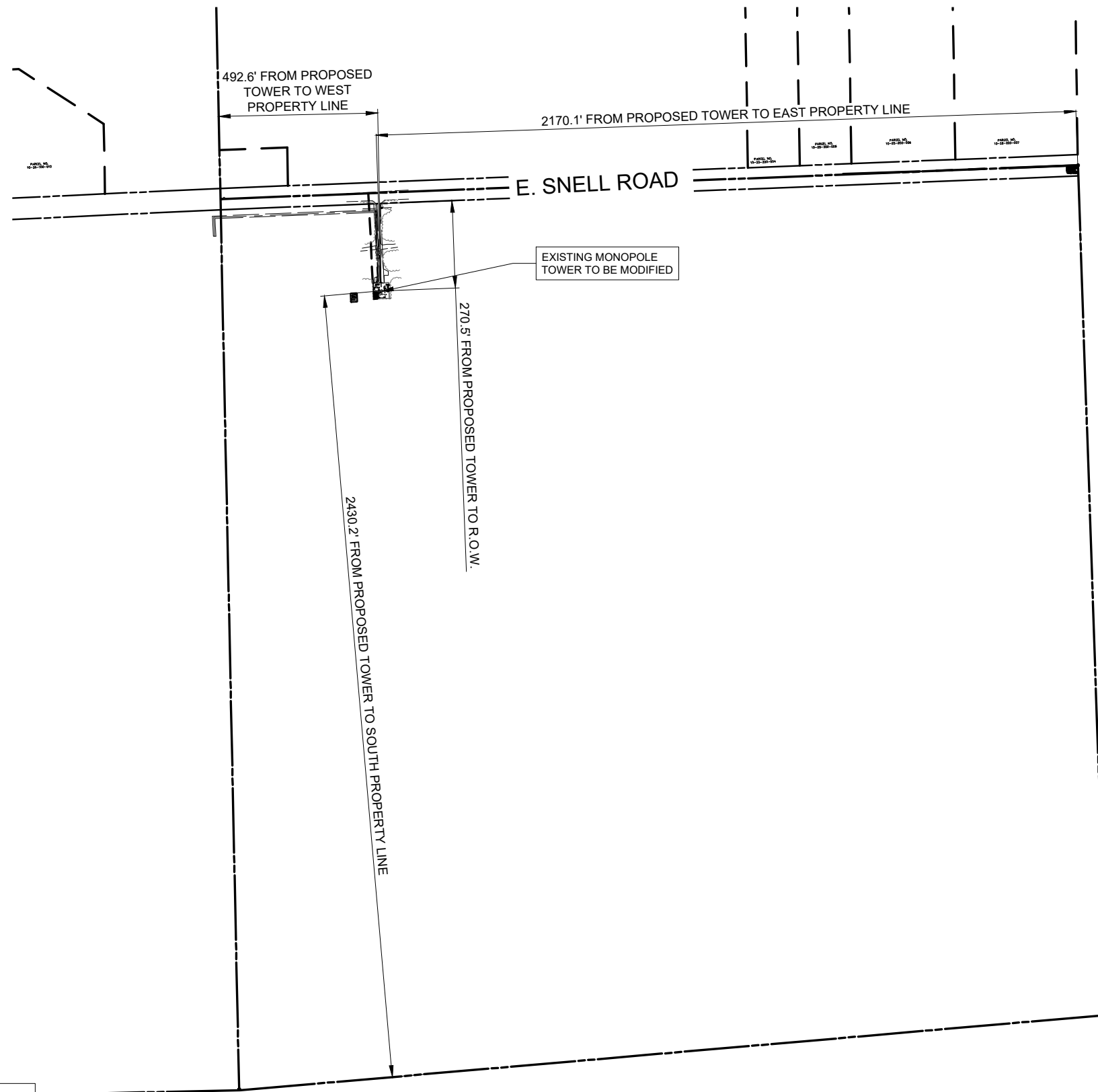
BU# 876876 Stoney Creek Metropark
E. Snell Road
Oakland Township, MI 48306

PROJECT NUMBER	SHEET NUMBER
208056.037	2 OF 2

LEGEND

-  - BENCHMARK
-  - IRON PIN
-  - UTILITY POLE
-  - POST
-  - ELEC. TRANS.
-  - ELEC. METER
-  - TELE. PEDESTAL
- R= - RECORD
- M= - MEASURED
- S.F.= - SQUARE FEET
- FND.- FOUND

- FENCE 
- OVERHEAD POWER LINE 
- UNDERGROUND TELCO 
- UNDERGROUND POWER 



NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	03/10/20	TJS
2	ISSUED FOR PERMIT	11/04/20	AM
3	REVISED SITE LAYOUT	01/19/21	TJS
4	REVISED PAD & EQUIPMENT LAYOUT	03/01/21	TJS
	REVISED PER CARRIER COMMENTS & ISSUED FINAL	03/12/21	DS

BU #876876

STONEY CREEK METRO PARK

1588 E. SNELL ROAD
OAKLAND TOWNSHIP,
MI 48306

DRAWN BY:	TJS
CHECKED BY:	DS
DATE:	02/27/20
PROJECT #:	34-193

SHEET TITLE
LOCATION PLAN

SHEET NUMBER
LP-1










3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG



616.224.1500 phone . 616.224.1501 facsimile
549 Ottawa Ave NW . Grand Rapids, MI 49503

1 LOCATION PLAN
SCALE: 1" = 200'

LEGEND

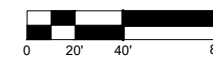
-  - BENCHMARK
-  - IRON PIN
-  - UTILITY POLE
-  - POST
-  - ELEC. TRANS.
-  - ELEC. METER
-  - TELE. PEDESTAL
- R= - RECORD
- M= - MEASURED
- S.F.= - SQUARE FEET
- FND.- FOUND

- FENCE 
- OVERHEAD POWER LINE 
- UNDERGROUND TELCO 
- UNDERGROUND POWER 

PARCEL NO.
10-25-200-001
STATE OF MICHIGAN

PARCEL NO.
10-25-200-003
DALE WARD

PARCEL NO.
10-25-200-001
STATE OF MICHIGAN



24" x 36" PRINT IS THE FULL SCALE
FORMAT. ANY SIZE OTHER THAN
THAT IS AT REDUCED SCALE.

SCALE 1" = 40'

CENTER
SEC. 25,
T4N,
R11E

EAST-WEST 1/4 LINE

E. SNELL ROAD

PROVIDED 8.00' WIDE
UTILITY EASEMENT

PROPOSED FIBER
HANDHOLE "MEET POINT"
BY G.C.

PROPOSED (1) 4" Ø CONDUITS W/
(2) 1-1/4" INNERDUCTS WITH TRACER
WIRE FOR FIBER FROM FIBER
MEETPOINT TO HANDHOLE
BY G.C. (219± L.F.)

-WOODS-

GRAVEL DRIVE

GRAVEL DRIVE

-WOODS-

PROVIDED 20.00' WIDE
INGRESS & EGRESS
EASEMENT

PROVIDED 8.00' WIDE
UTILITY EASEMENT

EXISTING TOWER
TO BE MODIFIED

PROPOSED FIBER
HANDHOLE AT COMPOUND
BY G.C.

PROPOSED 11' x 18'
VERIZON WIRELESS
LEASE AREA.

PARCEL NO.
10-25-300-007
HURON-CLINTON
METROPOLITAN
AUTHORITY
ZONED R-P
REGIONAL PARKS

-WOODS-

PROVIDED 50'x50'
LEASE AREA

PARCEL NO.
10-25-300-007
ZONED R-P
REGIONAL PARKS


MISS DIG System, Inc.
1-800-482-7171

3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG

Williams & Works
engineers . planners . surveyors *a tradition of service*

616.224.1500 phone . 616.224.1501 facsimile
549 Ottawa Ave NW . Grand Rapids, MI 49503

1 LOCATION PLAN
SCALE: 1" = 40'

 **CROWN
CASTLE**

NATIONAL SITE DEVELOPMENT
2000 CORPORATE DRIVE
CANNONSBURG, PA 15317

 **TERRA**
CONSULTING ENGINEERS, L.P.
900 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-496-6400
FAX: 847-496-6401

REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR REVIEW
2	ISSUED FOR PERMIT
3	REVISED SITE LAYOUT
4	REVISED PAD & EQUIPMENT LAYOUT
5	REVISED PER CARRIER COMMENTS & ISSUED FINAL

BU #876876

STONEY CREEK
METRO PARK

1588 E. SNELL ROAD
OAKLAND TOWNSHIP,
MI 48306

DRAWN BY: TJS

CHECKED BY: DS

DATE: 02/27/20

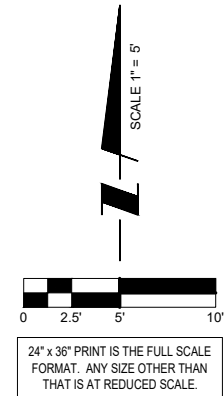
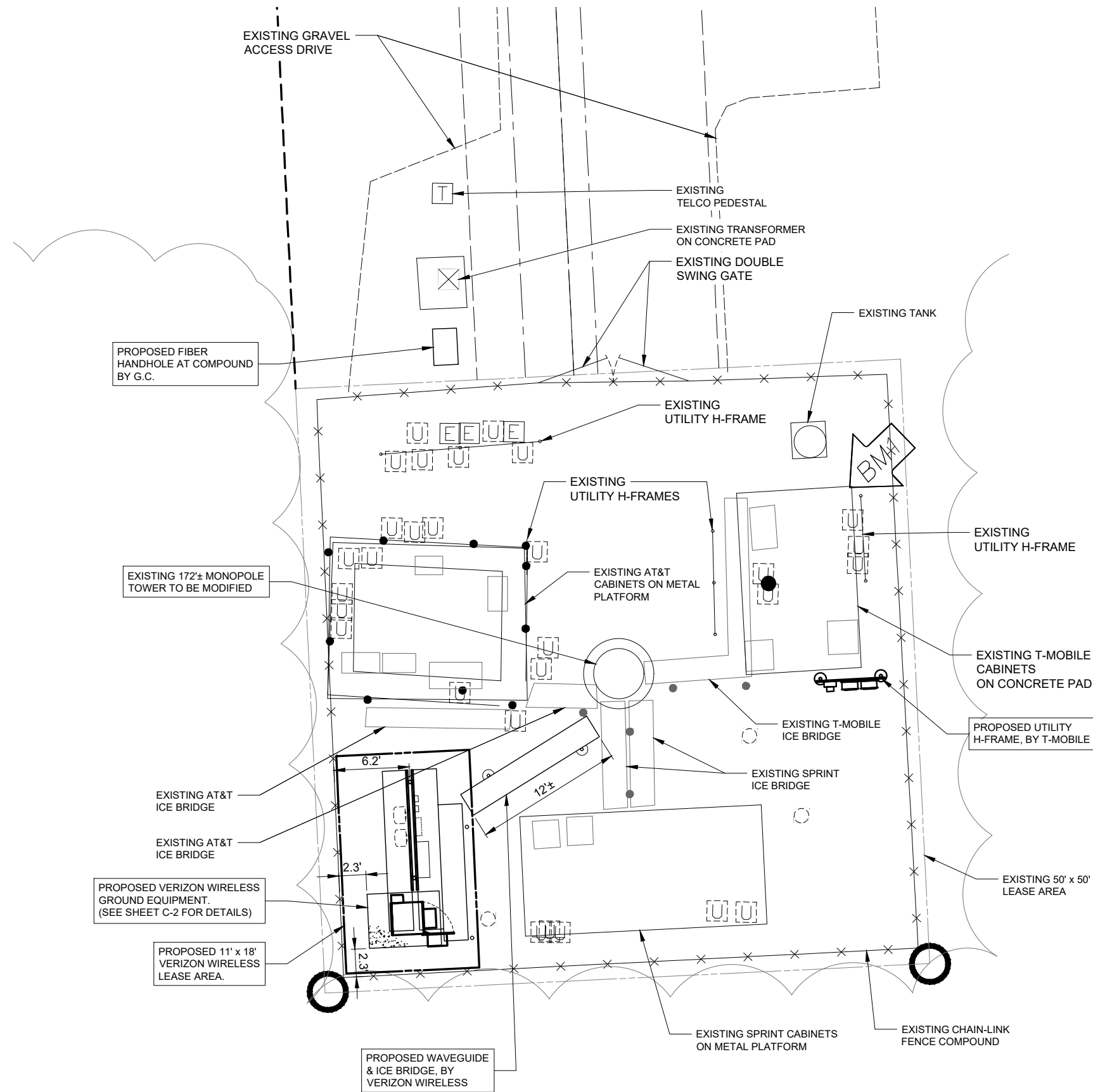
PROJECT #: 34-193

SHEET TITLE

LOCATION PLAN

SHEET NUMBER

LP-2



1 EXISTING SITE PLAN
SCALE: 1" = 5'

REVISIONS		NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR REVIEW	03/10/20	TJS		
2	ISSUED FOR PERMIT	11/04/20	AM		
3	REVISED SITE LAYOUT	01/19/21	TJS		
4	REVISED PAD & EQUIPMENT LAYOUT	03/01/21	TJS		
5	REVISED PER CARRIER COMMENTS & ISSUED FINAL	03/12/21	DS		

BU #876876

STONEY CREEK METRO PARK

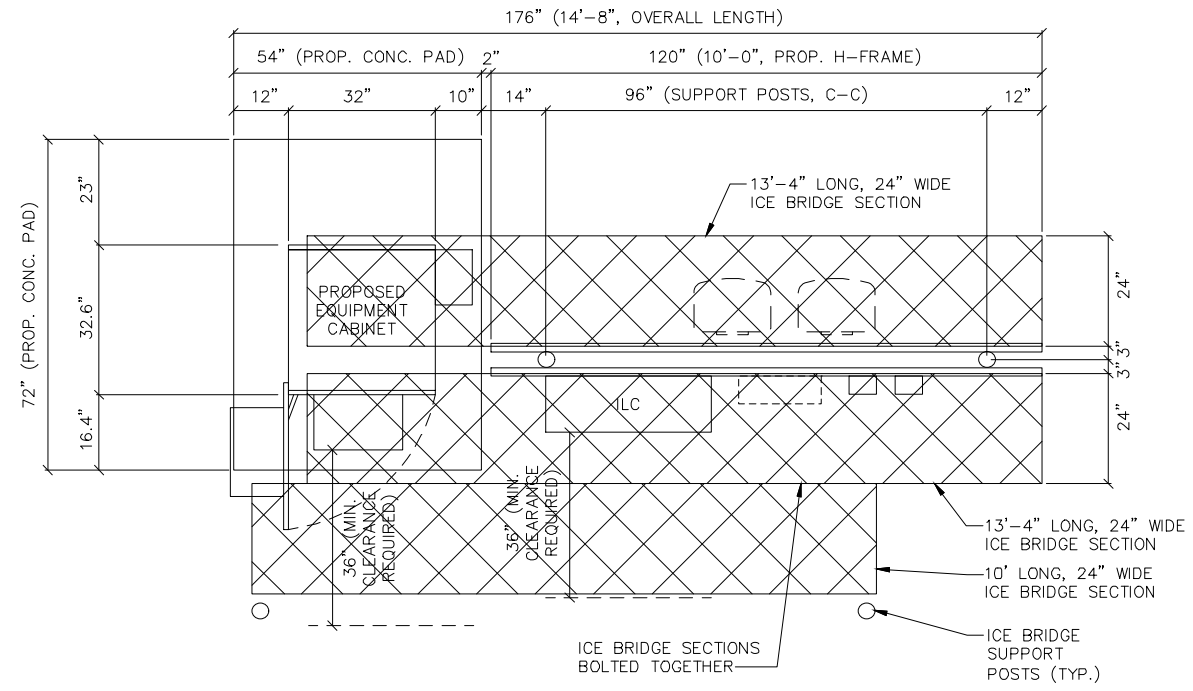
1588 E. SNELL ROAD
OAKLAND TOWNSHIP,
MI 48306

DRAWN BY:	TJS
CHECKED BY:	DS
DATE:	02/27/20
PROJECT #:	34-193

SHEET TITLE
ENLARGED SITE PLAN

SHEET NUMBER
C-1

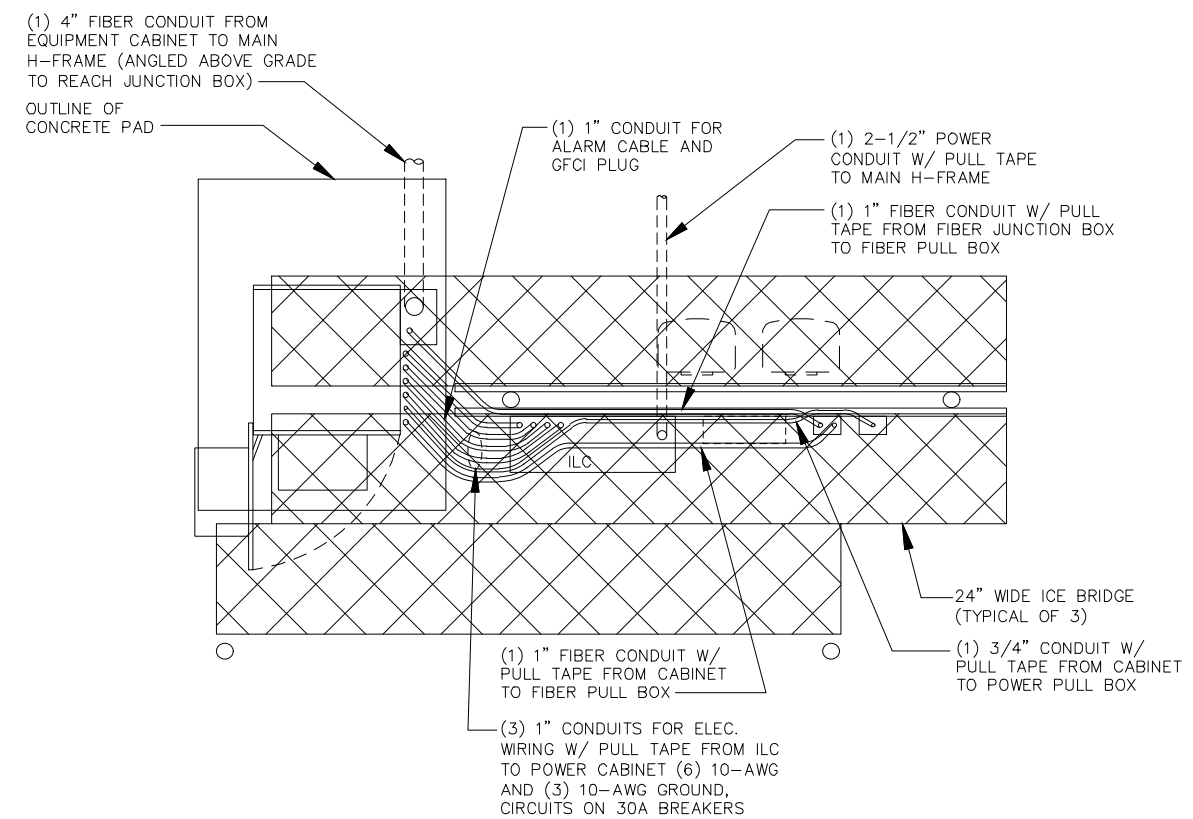
NOTE:
 DETAILS PROVIDED
 BY VERIZON WIRELESS



DIMENSIONAL EQUIPMENT LAYOUT - CONCRETE PAD

NOTES:

1. ALL EQUIPMENT MOUNTED TO CONCRETE PAD SHALL BE CONCRETE ANCHORS. EQUIPMENT MOUNTED TO CPAD SHALL USE BOLTS W/ WELDNUTS IN THE CPAD.
2. PROPOSED ILC BOX SHALL BE AA300G-1PH-3RGC OR APPROVED EQUAL.
3. ALL CONDUITS SHALL BE SCHD 40 PVC MATERIAL AND SECURED TO PAD/POST/H-FRAME USING APPROPRIATE FASTENER.
6. SEE FOUNDATION PLAN FOR LOCATION OF CONDUITS THROUGH CONCRETE PAD FOR GENERATOR.
7. ALL CONDUITS CONNECTIONS BETWEEN THE H-FRAME AND CABINET SHALL BE ROUTED ABOVE GROUND ALONG THE BOTTOM OF THE H-FRAME, EXCEPT WHERE NOTED. CONDUITS SHALL STUB UP THE SIDE OF CABINET AND PENETRATE THE CABINET AS SHOWN IN THE EQUIPMENT CABINET DETAILS. CONDUITS ARE SHOWN SIDE BY SIDE FOR GRAPHICAL PURPOSES ONLY.
8. CONTRACTOR SHALL USE LIQUID TIGHT CONDUIT FITTINGS FOR CONDUIT TRANSITION BETWEEN H-FRAME AND CABINET.
9. ALL CONDUITS ENTERING THE ILC, CABINETS, AND GENERATOR SHALL BE SEALED WITH "DUCT SEAL". EXPANDABLE FOAM IS NOT PERMITTED.
10. CONDUIT ROUTING SHALL BE THE SAME FOR BOTH FOUNDATION SYSTEMS.



CONDUIT ROUTING SCHEMATIC



REVISIONS	
NO.	DESCRIPTION
1	ISSUED FOR REVIEW
2	ISSUED FOR PERMIT
3	REVISED SITE LAYOUT
4	REVISED PAD & EQUIPMENT LAYOUT
	REVISED PER CARRIER COMMENTS & ISSUED FINAL

BU #876876

STONEY CREEK METRO PARK

1588 E. SNELL ROAD
 OAKLAND TOWNSHIP,
 MI 48306

DRAWN BY:	TJS
CHECKED BY:	DS
DATE:	02/27/20
PROJECT #:	34-193

SHEET TITLE
 EQUIPMENT PAD
 LAYOUT PLAN

SHEET NUMBER
C-2



To: Board of Commissioners
From: Amy McMillan, Director
Subject: Approval – Proposed 2022 Fees and Charges
Date: September 3, 2021

Action Requested: Motion to Approve

That the Board of Commissioners approve the 2022 Fees and Charges as recommended by Director Amy McMillan and staff.

Background: Staff is recommending no changes to the 2022 fees and charges.

Attachment: 2022 Proposed Fees and Charges

2022 Fees and Charges - Lake St. Clair

	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$35.00
Senior Citizen	\$24.00	\$24.00	\$24.00	\$24.00
Annual Permit / Boat Permit	\$70.00	\$70.00	\$70.00	\$70.00
Annual Permit / Boat Permit (Senior)	\$48.00	\$48.00	\$48.00	\$50.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Marina (daily, weekends, holiday w/utilities)				
10am - 10pm	\$8.00	\$8.00	\$8.00	\$8.00
Sea wall (no utilities, 10am - 10pm)	\$10.00	\$10.00	\$10.00	\$7.00
Overnight (no utilities, 10am - 10pm)	\$10.00	\$10.00	\$10.00	\$7.00
Sanitary pump-out service	\$15.00	\$15.00	\$15.00	\$15.00
Trackless Train (1-1/4 mile ride)				
Round-trip	\$2.00	\$2.00	\$2.00	\$2.00
Children 15 & under	Free	Free	Free	Free
Swimming Pool (includes use of bathhouse)				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Children under 30" tall	Free	Free	Free	Free
Coin-operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Golf Course - Par 3 / Foot Golf				
Regular (Wkdys.)	\$8.00	\$8.00	\$8.00	\$8.00
Sr. Citizens and Jrs (20 and under) (Wkdys.)	\$6.00	\$6.00	\$6.00	\$6.00
Regular (Wknds. & Hol.)	\$10.00	\$10.00	\$10.00	\$10.00
Sr. Citizens and Jrs (20 and under) (Wknds. & Hol.)	\$8.00	\$8.00	\$8.00	\$8.00
Golf balls			current market price	
Club rental	\$2.00	\$2.00	\$2.00	\$2.00
Adventure Golf				
Adults	\$5.00	\$5.00	\$5.00	\$4.00
Sr. Citizens and children under 11	\$4.00	\$4.00	\$4.00	\$3.00
Children 3 and under	Free	Free	Free	Free
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00

2022 Fees and Charges - Lake St. Clair

	2022	2021	2020	2019
Building/Classroom rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$75/hour	\$75/hour
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservations				
Picnic shelter reservation (24'x36' - 12 tables)	\$200.00	\$200.00	\$200.00	\$200.00
Seawall shelter (30'x54' - 20 tables)	\$225.00	\$225.00	\$225.00	\$225.00
Par 3 shelter (40'x87' - 44 tables)	\$400.00	\$400.00	\$400.00	\$400.00
Pointe Gazebo (with Activity Center rental)	\$125.00	\$125.00	\$125.00	\$125.00
Pointe Gazebo	\$200.00	\$200.00	\$200.00	\$200.00
Activity Center Rental				
1 day (Mon - Thur)	\$600.00	\$600.00	\$600.00	\$600.00
2 days (Mon -Thur)	\$850.00	\$850.00	\$850.00	\$850.00
1 day (Fri/Sat/Sun/holidays)	\$800.00	\$800.00	\$800.00	\$800.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00
Miscellaneous Charges				
ADA Cart Rental (\$20 deposit)	\$5/hour	\$5/hour	\$5/hour	N/A
Wagon Rental (\$20 deposit)	\$10/day	\$10/day	\$10/day	N/A
Equipment Rental	\$2.00	\$2.00	\$2.00	N/A

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Wolcott Mill

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Group Programs Onsite				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Group Programs Outreach				
One program (additional staff charges may apply)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Nature Center Appointments				
Per person	\$4.00	\$4.00	\$4.00	\$4.00
<i>(Minimum per group requirement, contact center)</i>				
Commercial Advertising Fee				
Daily - two hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
<i>Photo shoots by appointment only</i>				
Picnic Shelter Reservations				
Standard Shelter (9am - 5pm)	\$150.00	\$150.00	\$150.00	\$225.00
Gazebo (Historic Center) - Includes Wedding Area	\$350.00	\$350.00	\$350.00	\$150.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00
Camp Rotary				
Activities Building - holds up to 120 people				
Monday - Thursday (9am - 9pm)	\$450.00	\$450.00	\$450.00	\$450.00
Friday, Saturday, Sunday (9am - midnight)	\$500.00	\$500.00	\$500.00	\$500.00
Pavilion	\$225.00	\$225.00	\$225.00	\$225.00
Pavilion if rented with Activities bldg.	\$100.00	\$100.00	\$100.00	\$100.00
Shorian Lodge				
Weekend rates (single nights available at 1/2 rate)	\$220.00	\$220.00	\$220.00	\$220.00
Tent Camping (Organized Youth Groups only)				
First day/night (maximum 15 campers per site)	\$25/night	\$25/night	\$25/night	\$35.00
Out of Five County Interpretive School Programs				
Per person (Minimum per group requirement, contact center)	\$4.00	\$4.00	\$4.00	\$4.00
Farm Center Building/Classroom Rental				
Day (2 hour minimum)	\$25/night	\$25/night	\$25/night	\$50/hour
All day (9 - 5pm)	\$250.00	\$250.00	\$250.00	\$200.00

2022 Fees and Charges - Wolcott Mill

Type	2022	2021	2020	2019
Hayrides				
Children (2 years and under)	Free	Free	Free	Free
Children (3-12 years)	\$3.00	\$3.00	\$3.00	\$3.00
Seniors	\$3.00	\$3.00	\$3.00	\$3.00
Adults	\$5.00	\$5.00	\$5.00	\$5.00
Group Reservation (25 maximum)	\$150.00	\$150.00	\$150.00	\$150.00
Historic Center				
Building Rental - Mill/Warehouse				
Day (two hour minimum)				
Monday - Friday	\$50/hour	\$50/hour	\$50/hour	\$35/hour
Saturday and Sunday				\$50/hour
All Day (9-5pm)	\$250.00	\$250.00	\$250.00	\$200.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Stony Creek

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Joint Permit w/Oakland County Parks	\$64/\$37	\$64/\$37	\$64/\$37	\$59/\$32
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$35.00
Senior Citizen	\$24.00	\$24.00	\$24.00	\$24.00
Annual Permit / Boat Permit	\$70.00	\$70.00	\$70.00	\$70.00
Annual Permit / Boat Permit (Senior)	\$48.00	\$48.00	\$48.00	\$50.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Boat Storage				
Summer	\$400.00	\$400.00	\$400.00	\$400.00
Winter	\$200.00	\$200.00	\$200.00	\$200.00
Boat Rental				
Rowboat 12' and 14'	\$8/hour	\$8/hour	\$8/hour	\$8/hour
Maximum	\$25.00	\$25.00	\$25.00	\$25.00
Deposit and driver's license	\$30.00	\$30.00	\$30.00	\$30.00
Canoes	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Paddleboats - 4 passenger	\$15/hour	\$15/hour	\$15/hour	\$15/hour
Swan / Dragon Pedal Boat	\$17/hour	\$17/hour	\$17/hour	\$17/hour
Kayak - 1 person	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Kayak - 2 person	\$15/hour	\$15/hour	\$15/hour	\$15/hour
Senior Citizen Rate (M-Th)				
Row boat maximum	\$20.00	\$20.00	\$20.00	\$20.00
Cushions and life jackets provided w/rental				
Additional cushion/life jacket rental	\$1.00	\$1.00	\$1.00	\$1.00
Additional cushion/life jacket deposit	\$5.00	\$5.00	\$5.00	\$5.00
Rip Slide				
Single Ride	\$2.00	\$2.00	\$2.00	\$2.00
Daily wristband (unlimited rides)	\$10.00	\$10.00	\$10.00	\$10.00
Disc Golf				
Daily (wristband)	\$3.00	\$3.00	\$3.00	\$3.00
Annual bag tag	\$60.00	\$60.00	\$60.00	\$60.00
Annual Senior (62 & over), Jr. (17 & under) bag tag	\$40.00	\$40.00	\$40.00	\$40.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00

2022 Fees and Charges - Stony Creek

Type	2022	2021	2020	2019
Building/classroom rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$75/hour	\$75/hour
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Rental				
Standard shelter	\$225.00	\$225.00	\$225.00	\$225.00
Lakeside Gazebo, West Branch East, Oak Grove West	\$150.00	\$150.00	\$150.00	\$150.00
Banquet Tent Rental				
Fridays, Saturdays and Holidays	\$800.00	\$800.00	\$800.00	\$800.00
Weekdays and Sundays	\$700.00	\$700.00	\$700.00	\$700.00
Stage Rental				
Per day, in park	\$600.00	\$600.00	\$600.00	\$600.00
Per day, out of park, 1st day (up to a 25 mile distance)	\$900.00	\$900.00	\$900.00	\$900.00
Per day, out of park, add'l day (up to a 25 mile distance)	\$600.00	\$600.00	\$600.00	\$600.00
Event Fee (\$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00
Family Camping Events (Open Fri - Sun only)				
Per Campsite	\$25/night	\$25/night	\$25/night	\$25/night
Bicycle Rental (1 hour minimum) 10-6pm daily				
26" Men's/women's single speed	\$7/hour	\$7/hour	\$7/hour	\$7/hour
Paddleboard Rental				
Paddleboards	\$12/hour	\$12/hour	\$12/hour	\$12/hour
Cross Country Ski Rental				
Full Set - Adult	\$15.00	\$15.00	\$15.00	\$15.00
Full Set - Youth (under 16)	\$9.00	\$9.00	\$9.00	\$9.00
Skis	\$6.00	\$6.00	\$6.00	\$6.00
Boots	\$6.00	\$6.00	\$6.00	\$6.00
Poles	\$4.00	\$4.00	\$4.00	\$4.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Indian Springs

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Joint Permit w/Oakland County Parks	\$64/\$37	\$64/\$37	\$64/\$37	\$59/\$32
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservation				
Standard Shelter	\$200.00	\$200.00	\$200.00	\$200.00
Spray n' Play Shade Structure	\$75.00	\$75.00	\$75.00	\$75.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Environmental Discovery Center Events Room Rental Non-Wedding				
<i>April - October (per day)</i>				
Friday, Saturday and holidays	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
Sunday - Thursday	\$800.00	\$800.00	\$800.00	\$800.00
<i>November - March (per day)</i>				
Friday, Saturday and holidays	\$900.00	\$900.00	\$900.00	\$900.00
Sunday - Thursday	\$700.00	\$700.00	\$700.00	\$700.00

2022 Fees and Charges - Indian Springs

Type	2022	2021	2020	2019
Environmental Discovery Center Events Room Rental Wedding Packages				
<i>April - October (per day)</i>				
Ceremony & Reception Package				
Friday, Saturdays and Holidays	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
Sunday - Thursday	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
Reception Only Package				
Friday, Saturdays and Holidays	\$1,700.00	\$1,700.00	\$1,700.00	\$1,700.00
Sunday - Thursday	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00
<i>November - March (per day)</i>				
Reception Only Package				
Friday, Saturdays and Holidays	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
Sunday - Thursday	\$1,200.00	\$1,200.00	\$1,200.00	\$1,200.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Kensington

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Joint Permit w/Oakland County Parks	\$64/\$37	\$64/\$37	\$64/\$37	\$59/\$32
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$35.00
Senior Citizen	\$24.00	\$24.00	\$24.00	\$24.00
Annual Permit / Boat Permit	\$70.00	\$70.00	\$70.00	\$70.00
Annual Permit / Boat Permit (Senior)	\$48.00	\$48.00	\$48.00	\$48.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Boat Rental				
Rowboat 12' and 14'	\$8/hour	\$8/hour	\$8/hour	\$8/hour
Maximum	\$25.00	\$25.00	\$25.00	\$25.00
Canoes	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Paddleboats - 4 passenger	\$15/hour	\$15/hour	\$15/hour	\$15/hour
Swan / Dragon Pedal Boat	\$17/hour	\$17/hour	\$17/hour	\$17/hour
Kayak - 1 person	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Kayak - 2 person	\$15/hour	\$15/hour	\$15/hour	\$15/hour
Senior Citizen Rate (M-Th)				
Row boat maximum	\$20.00	\$20.00	\$20.00	\$20.00
Cushions and life jackets provided w/rental				
Additional cushion/life jacket rental	\$1.00	\$1.00	\$1.00	\$1.00
Additional cushion/life jacket deposit	\$5.00	\$5.00	\$5.00	\$5.00
Paddleboards	\$15/hour	\$15/hour	\$15/hour	\$15/hour
Boat Dockage				
Class A (78-96" width - length up to 24')	\$800.00	\$800.00	\$800.00	\$800.00
Class B (66-77" width - length up to 20')	\$725.00	\$725.00	\$725.00	\$725.00
Group Campsite - Overnight (Youth Groups Only)				
Permit (per troop, 1st night)	\$35.00	\$35.00	\$35.00	\$35.00
Permit (per troop, addl. nights)	\$15.00	\$15.00	\$15.00	\$15.00
Camporees/Jamborees - per troop/group	\$40.00	\$40.00	\$40.00	\$40.00
Rack of Wood (approx. 3' x 3' x14")	\$25.00	\$25.00	\$25.00	\$25.00
Canoe Campsite - Overnight				
Per Canoe (up to 5)	\$5.00	\$5.00	\$5.00	\$5.00
Excursion Boat - Island Queen				
Adults - per person	\$6.00	\$6.00	\$6.00	\$6.00
Children ages 3-12, Senior Citizens - per person	\$4.00	\$4.00	\$4.00	\$4.00
Children 2 years and under	Free	Free	Free	Free
Charter - morning or evening	\$100/hr	\$100/hr	\$100/hr	\$100/hr
Disc Golf Course				
Daily (wristband)	\$3.00	\$3.00	\$3.00	\$3.00
Annual bag tag	\$60.00	\$60.00	\$60.00	\$60.00
Annual Senior (62 & over) and Jr. (17 & under) bag tag	\$40.00	\$40.00	\$40.00	\$40.00
Deposit for disc rental	\$10.00	\$10.00	\$10.00	\$10.00

2022 Fees and Charges - Kensington

Type	2022	2021	2020	2019
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00
Cross Country Ski Rental (tax included)				
Full Set 1/2 Day Adult	\$15.00	\$15.00	\$15.00	\$15.00
Full Set 1/2 Day Youth (under 16)	\$9.00	\$9.00	\$9.00	\$9.00
Skis only	\$6.00	\$6.00	\$6.00	\$6.00
Boots only	\$6.00	\$6.00	\$6.00	\$6.00
Poles only	\$4.00	\$4.00	\$4.00	\$4.00
Hayrides / Sleigh rides (Noon - 4pm Sat & Sun)				
Children 2 years and under	Free	Free	Free	Free
Children 3-12 years	\$3.00	\$3.00	\$3.00	\$3.00
Seniors	\$3.00	\$3.00	\$3.00	\$3.00
Adults (per person)	\$5.00	\$5.00	\$5.00	\$5.00
Reservations (5 - 9pm)				
Rates	\$150/hour	\$150/hour	\$150/hour	\$150/hour
2-Hour Rate	\$250.00	\$250.00	\$250.00	\$250.00
Bonfire	\$50.00	\$50.00	\$50.00	\$50.00
Day Charter Reservations (10am - 4pm)	\$50	\$50	\$50	\$50
Groups (1/2 hour by appointment)				

2022 Fees and Charges - Kensington

Type	2022	2021	2020	2019
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservation				
Fee	\$225.00	\$225.00	\$225.00	\$225.00
Stage Rental				
Per day, in park	\$600.00	\$600.00	\$600.00	\$600.00
Per day, out of park, 1st day (up to a 25 mile distance)	\$900.00	\$900.00	\$900.00	\$900.00
Per day, out of park, add'l day (up to a 25 mile distance)	\$600.00	\$600.00	\$600.00	\$600.00
Splash N' Blast (Family Aquatic Center)				
42" and taller	\$7.00	\$7.00	\$7.00	\$7.00
Under 42"	\$6.00	\$6.00	\$6.00	\$6.00
Under 30"	Free	Free	Free	Free
Twilight (After 5pm)				
42" and taller	\$6.00	\$6.00	\$6.00	\$6.00
under 42"	\$5.00	\$5.00	\$5.00	\$5.00
Before and After Hours (10-11am, 7-8pm)				
Group rates for groups of 75 or less	\$200/hour	\$200/hour	\$200/hour	\$200/hour
Group rates for more than 75 (additional fee per person)	\$4.00	\$4.00	\$4.00	\$4.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00

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2022 Fees and Charges - Huron Meadows

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Cross Country Ski Rental (tax included)				
Full Set - Adult	\$15.00	\$15.00	\$15.00	\$15.00
Full Set - Youth (under 16)	\$9.00	\$9.00	\$9.00	\$9.00
Skis	\$6.00	\$6.00	\$6.00	\$6.00
Boots	\$6.00	\$6.00	\$6.00	\$6.00
Poles	\$4.00	\$4.00	\$4.00	\$4.00
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Hudson Mills

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Group Campsite - Overnight (Youth Groups Only)				
Permit (per troop, 1st night)	\$35.00	\$35.00	\$35.00	\$35.00
Permit (per troop, addl. nights)	\$15.00	\$15.00	\$15.00	\$15.00
Camporees/Jamborees - per troop/group	\$40.00	\$40.00	\$40.00	\$40.00
Rack of Wood (approx. 3' x 3' x14")	\$25.00	\$25.00	\$25.00	\$25.00
Canoe Campsite - Overnight				
Per Canoe (up to 5)	\$5.00	\$5.00	\$5.00	\$5.00
Disc Golf Course				
Daily (wristband)	\$3.00	\$3.00	\$3.00	\$3.00
Annual bag tag	\$60.00	\$60.00	\$60.00	\$60.00
Annual Senior (62 & over) and Jr. (17 & under) bag tag	\$40.00	\$40.00	\$40.00	\$40.00
Deposit for disc rental	\$10.00	\$10.00	\$10.00	\$10.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00

2022 Fees and Charges - Hudson Mills

Type	2022	2021	2020	2019
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00
Cross Country Ski Rental (tax included)				
Full Set - Adult	\$15.00	\$15.00	\$15.00	\$15.00
Full Set - Youth (under 16)	\$9.00	\$9.00	\$9.00	\$9.00
Skis	\$6.00	\$6.00	\$6.00	\$6.00
Boots	\$6.00	\$6.00	\$6.00	\$6.00
Poles	\$4.00	\$4.00	\$4.00	\$4.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Dexter-Huron & Delhi

Dexter-Huron

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00

Delhi

Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Picnic Shelter Reservation				
Fee	\$200.00	\$200.00	\$200.00	\$200.00
Canoe Rental (Lease Operation)				
Hudson Mills to Delhi (eight miles)	Per Contract			
Dexter-Huron to Delhi (three miles)	Per Contract			
Deposit	Per Contract			
Premium canoe (extra charge)	Per Contract			
Two-day overnight from Huron Meadows to Hudson Mills to Delhi	Per Contract			
Third adult in canoe	Per Contract			
Kayak Rental (Lease Operation)				
Hudson Mills to Delhi (8 miles)	Per Contract			
Dexter-Huron to Delhi (3 miles)	Per Contract			
Deposit	Per Contract			

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Lower Huron

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservations				
Tier 1 (seats up to 100)				
Ellwoods East	\$200.00	\$200.00	\$200.00	\$200.00
Ellwoods West	\$200.00	\$200.00	\$200.00	\$200.00
Sycamore Bend	\$200.00	\$200.00	\$200.00	\$200.00
Tulip Tree	\$200.00	\$200.00	\$200.00	\$200.00
Woods Creek North	\$200.00	\$200.00	\$200.00	\$200.00
Tier 2 (seats up to 200)				
Foxwoods	\$250.00	\$250.00	\$250.00	\$250.00
Hawthorne Glade North	\$250.00	\$250.00	\$250.00	\$250.00
Hawthorne Glade South	\$250.00	\$250.00	\$250.00	\$250.00
Woods Creek South	\$250.00	\$250.00	\$250.00	\$250.00
Turtle Cove Picnic Corrals (per day)	\$25.00	\$25.00	\$25.00	\$25.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00
Rustic Camping - Overnight				
Per Campsite (per night)	\$25.00	\$25.00	\$25.00	\$25.00
Group Campsite - Overnight				
Permit (per troop, 1st night)	\$35.00	\$35.00	\$35.00	\$35.00
Permit (per troop, addl. nights)	\$15.00	\$15.00	\$15.00	\$15.00
Camporees/Jamborees - per troop/group	\$40.00	\$40.00	\$40.00	\$40.00
Rack of Wood (approx. 3' x 3' x14")	\$25.00	\$25.00	\$25.00	\$25.00
Turtle Cove Aquatic Center				
48" and taller, Wknd.	\$12.00	\$12.00	\$12.00	\$12.00
Under 48", Wknd.	\$10.00	\$10.00	\$10.00	\$10.00
Twilight, Wknd. (after 6pm, for 2 hours)	\$8.00	\$8.00	\$8.00	\$8.00
48" and taller, Wkdy.	\$11.00	\$11.00	\$11.00	\$11.00
Under 48", Wkdy.	\$9.00	\$9.00	\$9.00	\$9.00
Twilight, Wkdy. (after 5pm, for 2 hours)	\$8.00	\$8.00	\$8.00	\$8.00
Youth group rate per person (20 minimum, M-F only)	\$7.00	\$7.00	\$7.00	\$7.00
Coin operated lockers	\$0.50	\$0.50	\$0.50	\$0.50

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Willow

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Swimming Pool				
All ages (includes use of bath house)	\$4.00	\$4.00	\$4.00	\$4.00
Twilight (after 5pm)	\$3.00	\$3.00	\$3.00	\$3.00
Children under 30" tall	Free	Free	Free	Free
Youth group rate (per person, 20 min., M-F only)	\$3.00	\$3.00	\$3.00	\$3.00
Coin-operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Picnic Shelter Reservation				
Tier 1 (seats up to 100)				
Big Bend North	\$200.00	\$200.00	\$200.00	\$200.00
Chestnut North	\$200.00	\$200.00	\$200.00	\$200.00
Chestnut South	\$200.00	\$200.00	\$200.00	\$200.00
Fox Meadows North	\$200.00	\$200.00	\$200.00	\$200.00
Washago Pond	\$200.00	\$200.00	\$200.00	\$200.00
Tier 2 (seats up to 200)				
Flintwoods	\$250.00	\$250.00	\$250.00	\$250.00
Bicycle Rental (weekend / holidays only, one-hour min.)				
20" or 26" single speed	\$7/hour	\$7/hour	\$7/hour	\$7/hour
Tandem	\$8/hour	\$8/hour	\$8/hour	\$8/hour
Driver's license and deposit	\$10.00	\$10.00	\$10.00	\$10.00
Maximum deposit (two or more bikes; same family)	\$20.00	\$20.00	\$20.00	\$20.00
Boat Rentals				
Row Boats	\$5/hour	\$5/hour	\$5/hour	\$5/hour
Pedal Boats	\$10/hour	\$10/hour	\$10/hour	\$10/hour
Character Boats	\$17/hour	\$17/hour	\$17/hour	\$17/hour

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Oakwoods

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Mobile Learning Center Special Events				
One day event	\$425.00	\$425.00	\$425.00	\$425.00
Additional days (per day)	\$175.00	\$175.00	\$175.00	\$175.00
Voyageur Canoe				
All ages	\$5.00	\$5.00	\$5.00	\$5.00
Group rate (maximum 20 persons)	\$75/hour	\$75/hour	\$75/hour	\$75/hour

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.

2022 Fees and Charges - Lake Erie

Type	2022	2021	2020	2019
Vehicle Entry Permit				
Annual	\$40.00	\$40.00	\$40.00	\$35.00
Senior Citizen	\$29.00	\$29.00	\$29.00	\$24.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Boat Permit				
Annual	\$35.00	\$35.00	\$35.00	\$35.00
Senior Citizen	\$24.00	\$24.00	\$24.00	\$24.00
Annual Permit / Boat Permit	\$70.00	\$70.00	\$70.00	\$70.00
Annual Permit / Boat Permit (Senior)	\$48.00	\$48.00	\$48.00	\$48.00
Daily	\$10.00	\$10.00	\$10.00	\$10.00
Marina Transient Weekly				
25-Foot	\$56.00	\$56.00	\$56.00	\$56.00
30-Foot	\$66.00	\$66.00	\$66.00	\$66.00
35-Foot	\$76.00	\$76.00	\$76.00	\$76.00
40-Foot	\$81.00	\$81.00	\$81.00	\$81.00
Marina Transient Daily (24 hours)				
All boat lengths	\$30.00	\$30.00	\$30.00	\$30.00
Marina Miscellaneous				
Summer daily yard storage	\$5.00	\$5.00	\$5.00	\$5.00
Daily yard storage during repair (per day)	\$5.00	\$5.00	\$5.00	\$5.00
Trailer storage (weekly transient)				
Slip holders (weekly rate)	\$10.00	\$10.00	\$10.00	\$10.00
Summer dry storage (May 1 - Oct 31) w/ramp use	\$400.00	\$400.00	\$400.00	\$400.00
Pump-out holding tank	\$6.00	\$6.00	\$6.00	\$6.00
Boat Storage				
Summer	\$500.00	\$500.00	\$500.00	\$500.00
Winter	\$300.00	\$300.00	\$300.00	\$300.00
Mini-summer dry boat storage	\$275.00	\$275.00	\$275.00	\$275.00
Boat launch (flat rate)	\$300.00	\$300.00	\$300.00	\$300.00
Wave Pool				
Children (15 years and under) and Seniors	\$6.00	\$6.00	\$6.00	\$6.00
Adults	\$8.00	\$8.00	\$8.00	\$8.00
Children (under 30" in height)				
Twilight rate (after 5pm)	\$5.00	\$5.00	\$5.00	\$5.00
Raft rental (included in price)	Free	Free	Free	Free
Coin operated lockers	\$0.50	\$0.50	\$0.50	\$0.50
Organized youth group (20 person minimum)				
Weekdays only	\$4.00	\$4.00	\$4.00	\$4.00
Commercial Advertising Fee				
2 hour minimum	\$250/hour	\$250/hour	\$250/hour	\$250/hour
Picnic Shelter Reservation				
Tier 1 (seats up to 100)				
American Lotus	\$200.00	\$200.00	\$200.00	\$200.00
Muskrat	\$200.00	\$200.00	\$200.00	\$200.00
Cattail	\$200.00	\$200.00	\$200.00	\$200.00
Tier 3 (seats up to 300)				
Blue Heron	\$300.00	\$300.00	\$300.00	\$300.00

2022 Fees and Charges - Lake Erie

Type	2022	2021	2020	2019
Interpretive Program Fees				
Family/individual programs				
Adults (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Children (minimum fee)	\$3.00	\$3.00	\$3.00	\$3.00
Scout Programs				
Per scout (minimum fee)	\$5.00	\$5.00	\$5.00	\$5.00
Special Events				
Adults/Children (minimum fee)	\$2.00	\$2.00	\$2.00	\$2.00
Group Programs In Park				
Per student, one program	\$3.00	\$3.00	\$3.00	\$3.00
Per student, all day program	\$6.00	\$6.00	\$6.00	\$6.00
Parents/Teachers/Chaperones	Free	Free	Free	Free
Group Programs Out of Park				
One program	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Building/Classroom Rental				
Day (2 hour minimum)	\$50/hour	\$50/hour	\$50/hour	\$50/hour
All day	\$300.00	\$300.00	\$300.00	\$300.00
Evening (2 hour minimum)	\$100.00	\$100.00	\$100.00	\$100.00
Evening after first 2 hrs (each additional hour)	\$75.00	\$75.00	\$75.00	\$75.00
Out of Five County Interpretive School Programs				
Group Programs In Park				
Per student, one hour program	\$4.00	\$4.00	\$4.00	\$4.00
Per student, two or more hour program	\$7.00	\$7.00	\$7.00	\$7.00
Group Program Out of Park				
One program , plus IRS mileage rate (max. 60 mile radius from park)	\$100.00	\$100.00	\$100.00	\$100.00
Additional program, same day/same school	\$75.00	\$75.00	\$75.00	\$75.00
Event Fee (charge no less than \$350; subject to venue agreement)				
1 day	\$350.00	\$350.00	\$350.00	\$350.00
2 days	\$450.00	\$450.00	\$450.00	\$450.00

Note: Charitable and non-profit organizations may request and receive a 50 percent reduction in the above rates for building use Monday through Friday (excluding holidays). These organizations should appear on the list of Charitable Trusts published by the state of MI.



To: Board of Commissioners
From: Tyler Mitchell, Chief of Natural Resources and Regulatory Compliance
Subject: Report – Monthly Natural Resources Update
Date: September 3, 2021

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

SEPTEMBER 2021

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



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

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SYSTEM-WIDE

ADMINISTRATIVE

- Review of Quality Assurance Project Plan (QAPP) for NPS project at Lake St. Clair for upcoming ground, surface, and lake water study
- Rouge Park – prescribed fire planning for Fall 2021 / Spring 2022; restoration next steps
- NPDES Permit administration continues
- SEMIwild – NR Pathways for careers in Natural Resources, working group meetings
- Deer management plan review continues
- Washago area restoration planning continues
- Eastern Prairie Fringed Orchid (EPFO) data review and management planning
- Lake Erie Marsh and Shoreline restoration – bid package development, release, and vendor evaluation



Figure 1: Prairie at Rouge Park

SOUTHERN DISTRICT

LAKE ERIE METROPARK

- Phragmites treatment throughout northern park segments
- European Alder cleanup, previously girdled and treated
- Preparing for dredge work, preparation of dewatering and infiltration areas

WILLOW METROPARK

- Electrofishing survey results expected by end of September, review with stakeholder group
- Washago area planning, evaluating next steps



Figure 2: Technicians prepare to treat Phragmites in a wetland

WESTERN DISTRICT

KENSINGTON METROPARK

- Contracted invasive shrub control continues
- Oak Wilt survey and mitigation, trench planning

HURON MEADOWS METROPARK

- Invasive shrub control in Maltby lake forest and fen

DEXTER-HURON METROPARK

- Invasive shrub control in main park woods and baseball field wetland



Figure 3: Natural Resources Crew removes fallen tree from bike path at Indian Springs Metropark

EASTERN DISTRICT

STONY CREEK METROPARK

- Algal toxin screening and signage
- Invasive shrub control in nature center prairie south

LAKE ST. CLAIR METROPARK

- Preparation for Shoreline restoration on Black Creek Marsh

WOLCOTT MILL METROPARK

- Storm damage cleanup continues
- Planting of disease resistant American Elm trees



Figure 4: Demonstration of root flare injections for Oak Wilt mitigation

WHAT'S NEXT?

SYSTEM-WIDE

- Mechanical control of Phragmites
- Draft deer management plan writing and review
- Washago Area restoration plan
- Pollinator Partnership

SOUTHERN DISTRICT

- Big Bend shoreline contractor selection and work planning
- Prescribed fire at Rouge Park

WESTERN DISTRICT

- Oak Wilt mitigation and trenching

EASTERN DISTRICT

- Shoreline work beginning at Lake St. Clair
- Black Creek Marsh Phragmites control
- Seaweed pile removal as Lake St. Clair



To: Board of Commissioners
From: Danielle Mauter, Chief of Marketing and Communications
Subject: Report – August Marketing Update
Date: September 3, 2021

Action Requested: Motion to Receive and File

That the Board of Commissioners receive and file August 2021 Marketing update as recommended by Chief of Marketing and Communications Danielle Mauter and staff.

Attachment: Marketing Update



HURON-CLINTON METROPARKS MARKETING REPORT

August 2021

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



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

AUGUST 2021

August Recap

Summer Campaigns, Major Partnership Announcements & Website Update

During the month of August, summer campaigns continued to run across local broadcast TV, cable and online video placements, radio, billboards, digital and social media, email and print. At the July board meeting the details of a large print insert campaign in local publications was presented to the board. Those inserts were placed in publications the last week in July and have received some positive feedback.

Chief of Marketing and Communications has been working with communications staff at the Detroit Riverfront Conservancy on co-branded advertising that is taking place throughout the summer. To this point it has included co-branded print ads in Detroit River Living magazine, Michigan Chronicle, a Michigan Chronicle insert and some social media posts. In August it also included co-branded billboards in Detroit neighborhood surface streets and digital billboards along major expressways. Co-branded communication pieces will continue to come out this fall.

August also had two fairly large partnership announcements that came together very quickly over the course of two weeks. The first was the DTE Energy partnership that is allowing free weekend entry for the last three weekends of summer. Marketing and communications staff worked closely with DTE to release a joint media advisory as well as an email blast, social media post campaign, digital ads and FAQs for staff. Marketing staff also coordinated with DTE on creation and delivery of yard signs and paper flyers to be used during the free weekends. Reports are being provided to DTE after each weekend and in total at the end of the agreement period.

The second large partnership announcement was that of the micro-transit partnership with SMART – Metropark Express – Powered by SMART. This program kicks off Sept. 3 (Labor Day weekend) but was announced on Aug. 23 to start generating buzz around first weekend use on the holiday weekend. Marketing and communications staff worked closely with SMART and Planning and Development staff on a program logo and graphics, joint press release, webpage, Staff and public FAQs, digital and social media ads, in park signage, in-bus signage for SMART, route and park maps and a printable rack card. A survey is being developed by Planning and Development staff that will also be incorporated into these pieces.

Marketing staff are continuing to work closely with IT on the build-out of the design Factory Detroit provided. Marketing staff are also working closely with staff throughout the park system to review and proof content as we move closer to a launch sometime this fall.

Update on Each of the 2021 Marketing Goals

1. *Continue increasing awareness and understanding of the Metroparks brand and identity*

Ongoing goal. Small signs of improvement can be seen by increases in attendance and engagement on social and mainstream media.

2. *Maintain at least 20% of the attendance increase that was seen in 2020 as measured by overall car counts. This will result in a total of 3,028,358 vehicles through the gates in 2021.*

Car counts continue to be higher than average. Actual numbers are provided in the board stats at the end of the packet. At the end of July, total car count YTD was 2,197,046.

3. *Increase 2021 annual pass sales by 5% to a total of 199,511 2021 annual passes sold.*

Sales of all Annual Pass types was at 125,743 at the end of April. This is a large increase compared to the same time period in 2020 = 78,536 and 2019 = 76,735.

May and June annual pass sales were lower this year than May and June of 2020. June 2021 sales were lower than June 2019 (pre-pandemic) monthly sales by 8,000 passes. However, overall sales of annual vehicle passes from Nov. 2020 through Jun. 2021 are still up about 24,000 compared to Nov. 2019 through Jun. 2020.

4. *Collaborate with Planning and Development and Information Technology departments to establish regular reporting and evaluation of marketing performance data*

Marketing is monitoring the scan reports provided by Planning and Development each month. Marketing will work with Planning and Development and IT to put together a joint report at the end of summer that overlays marketing placements with attendance data. In between, marketing will continue working with IT and planning to improve reporting and to use interim numbers to guide decision making.

5. *Develop a more comprehensive understanding of the visitor experience of the Metroparks.*

Evaluation tools for public programming were finalized in March. All Eastern District programming participants began receiving automated emails through RecTrac starting April 1. These emails included links to the surveys to provide feedback on every public program. Other districts programming participants began receiving automated emails through RecTrac on May 1. This coincided with RecTrac implementation.

Teacher programming evaluations will be implemented starting September 15 to coincide with the beginning of the new school year.

Evaluations from children and incentives to encourage survey completion are being discussed to continue moving the conversation forward.

6. *Increasing attendance from City of Detroit Zip codes, increase community engagement within the city of Detroit and Other Marketing and Communication Goals Established with the Detroit Riverfront Conservancy Partnership*

The results in the scanning data report are being monitored for changes in annual pass usage from city of Detroit visitors as well as daily pass visit information.

6B. *Increase annual pass visits from city of Detroit zip codes by 20% as measured by annual pass scans.*

The 2021 scan data will be the first year where the Metroparks have a solid base of both daily and annual pass scans. Comparison year-over-year will have to look specifically at annual pass scan comparisons as the daily pass scan data won't have a good base to compare to. The first look at that was in the first quarter scan data report that Planning presented to the board in June.

7. *Increase summer attendance from underserved, equity population zip codes (as measured by daily and annual pass scans) by at least 5% as compared to 2020.*

See zip code report included in packet as put together by Planning and Development department. The 2021 scan data will be the first year where the Metroparks have a solid base of both daily and annual pass scans. Comparison year-over-year will have to look specifically at annual pass scan comparisons as the daily pass scan data won't have a good base to compare to.

8. *Use RecTrac and scanning data to establish a set of attendance baselines to measure against in future years.*

Marketing will be working with IT to set up reports to look at summer season attendance numbers and demographics at Interpretive programs as well as annual passes, daily passes, event rentals and golf. Setting baselines is something that needs to happen seasonally and after the full system RecTrac implementation in Apr/May.

9. *Increase Family reunions/picnics/events booked in the parks by at least 3 percent from \$373,500 to at least \$384,705 by end of 2021 (when it is safe to do so)*

Campaign pieces for this communication effort began running on March 22. Our campaign thus far has been split into three main arms: Weddings, Family gatherings (reunions, etc.), and ½ off weekday rentals. Our new TV/Video commercial about gatherings began running on July 19 to catch some late season rentals. At the end of April, event rental revenue was approximately \$191,463. Rental revenue YTD at the end of June was \$449,760 if including TWAC and EDC rentals, and was \$359,260 if only calculating shelters. Goal is on track with a little way left to go.

Shelter Rental revenues are up over the three-year average in most parks. Lake St. Clair is up 40 percent from the three-year average; Stony Creek is up 61 percent from the three-year average; Hudson Mills is up 79 percent from the three-year average; Kensington is up 38 percent from the three-year average.

9. *Maintain at least 20% of the increase in golf rounds played in 2020. This would be a total of 201,371 rounds played in 2021.*

Radio, social media and digital campaigns around golf started April 1. Current golf rounds are included in the board packet stats at the end of the packet. At the end of July, golf round were up 36 percent over the three year average with a total of 150,968 rounds played. We are on track to meet this goal if weather holds up.

- 10. *Increase attendance at aquatic facilities through use of consistent messaging, special promotions, pop-up pricing and dynamic pricing (feasibility dependent on pandemic restrictions).***
So far, limited capacities have not allowed us to leverage pop-up and special pricing, but it hasn't been needed. Pools have been busy on the days they have been staffed and warm weather has led to a successful season.
- 11. *Increase Instagram followers by 50% over 2020 to 4,120 total***
Currently at 3,537 followers and growing.
- 12. *Increase Facebook followers by 20% over 2020 followers from 17,573 to 21,088 followers by end of 2021***
Currently at 21,083 followers and growing. We have almost met this goal with four months still left in the year.
- 13. *Increase average Facebook engagement by 100% to 494,592 engagements by end of 2021***
Year to date we have had 140,211 daily engaged users. This has led to approximately 254,778 engagements through August 16.
- 14. *Increase Instagram engagement by 20% to 19,033 engagements by end of 2021***
12,475 engagements so far this year.
- 15. *Improve marketing email metrics by cleaning up email lists, continually building utilizing RecTrac and sending more targeted and relevant messages.***
Year-to-date we have an open rate of 21 percent and a click through rate of 8 percent. Both of which are higher than industry averages.
- 16. *Maintain positive media relationships that were fostered during 2020 and continue building stronger and new relationships with media outlets.***
In August we continued coordinating with media on summer topics. The major press releases sent to our full media contact list included:

 - Announcement of the partnership with SMART to offer Metropark Express – Powered by SMART – the first public transit connection to a Metropark
 - Announcement of a partnership with DTE to offer free daily entry into all 13 Metroparks for the last three weekends of summer
 - Reminder of Regional Swimming Program Plan public input survey.
 - Some targeted pitching on change of board chair. More media pitching coming soon for update of board members and Chief of Finance.
- 17. *Continue building library of high-quality owned images and videos utilizing a combination of local photographers and internal staff.***
Marketing staff working with park staff to schedule future photography dates to fill gaps in current photo library. Staff were in parks multiple days in August to build library and are working with a professional photographer to fill gaps for Turtle Cove, Movies in the Parks and golf course photography. By the end of summer, we will have a decently sized library of summer images from the majority of parks. Work still needs to be done on a library of video clips as video grows in popularity and importance.

- 18. Outreach and relationship building – The Metroparks marketing department and/or Director will meet with at least one new group or organization per month (12 over the year). Additionally, marketing staff will bolster efforts of increasing attendance from the city of Detroit and underserved areas by creating or attending at least one additional community outreach opportunity in each of the five counties (5 in total) over the year (in addition to the previously mentioned efforts specifically with the Detroit Riverfront Conservancy).**

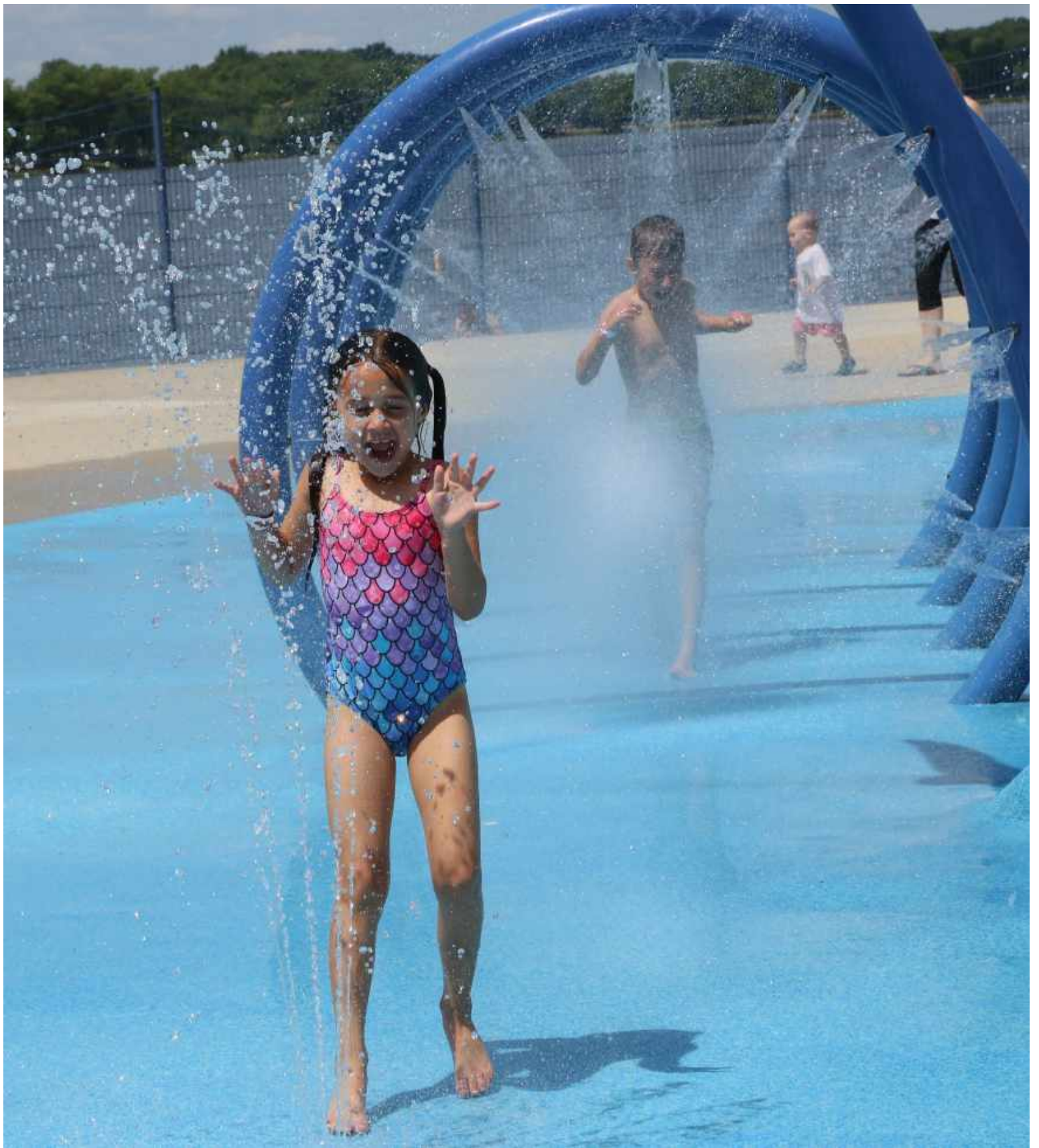
Interpretive Department Outreach Interpreters have been visiting the Detroit Riverfront as part of events with the partnership agreement with DRFC. Chief of Marketing and Interpretive Services met with Detroit Parks Coalition to talk about synergies and ways to support each other. Chief of Marketing met with Detroit Riverfront Development team to talk about future synergies and possibilities of list sharing and further shared communications.

- 19. Make coordination with Human Resources department and Chief of Diversity, Equity and Inclusion to create open position campaigns part of our normal ongoing operations. Continue increasing number of qualified applicants for both seasonal and full-time job applications.**

Continuing to work with HR to push out information about hiring as parks continue to fill open positions as well as full time positions as they are posted.

- 20. Continue working across departments to continue or complete multiple projects that were started in 2020.**

This work is ongoing and covered in more detail in the August summary at the front end of report.





To: Board of Commissioners
From: Artina Carter, Chief of Diversity, Equity and Inclusion
Subject: Report – DEI Monthly Update
Date: September 3, 2021

Action Requested: Motion to Receive and File

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

Fiscal Impact: The Board approved budget for the DEI Speaker Series is \$125,000; to date \$15,500 has been spent. The cost for the October speaker will be \$8,500.

Attachment: DEI Update



DEI BOARD REPORT

August 2021



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

OVERVIEW

DEI SPEAKER SERIES

The date for the next Speaker Series event is **Wednesday, October 20, 2021; 10:00-11:00am AND 6:00pm.**

10:00-11:00am Session:

- Angelou Ezeilo and Kristine Stratton will speak on *Why DEI is important for Park and Recreation and Natural Resource Management industries*

6:00pm Session:

- Angelou Ezeilo will focus on *How we can engage underrepresented communities and create a consistent and sustainable pathways to careers in Parks and Recreation and Natural Resources management.*

Angelou Ezeilo

*Founder and Chief Executive Officer
Greening Youth Foundation*



Angelou's love for the environment stretches far back to when she was a little girl who had the chance to escape the dense urban streets of Jersey City, New Jersey, to summer in her family's home in upstate New York.

After a brief stint of practicing law, it was through her work as a Legal Specialist for the New Jersey State Agriculture and Development Committee that Angelou embarked upon a career as an environmentalist.

Angelou further honed her skills as a Project Manager for the Trust for Public Land (TPL) in both its New Jersey and Georgia offices. In her position, Angelou acquired land for preservation and worked on the New York/New Jersey Highlands Program, Parks for People-Newark, the New York/New Jersey Harbor Program in New Jersey, the Atlanta Beltline and the 20 County

Regional Greenspace Initiative in Georgia. While at TPL, Angelou realized the disconnect between the land that was being preserved and the education of people about that preservation—particularly as it related to our next generation. This was the impetus for the Greening Youth Foundation. As a woman and minority-founded and led non-profit, Angelou is at the helm of a movement to provide environmental and wellness education and career pathways to a new generation, both in the United States and in countries throughout Africa.

Angelou was elected as an Ashoka Fellow in 2016 for her work at the Greening Youth Foundation, where she remains the CEO today. The Greening Youth Foundation is cultivating a generation of youth of color to be stewards of our land and natural resources, ultimately shifting the demographics of the environment conservation movement.

Angelou is a graduate of Spelman College, Georgia. She received her Juris Doctorate in Law from the University of Florida, College of Law. Angelou is a member of the National Center for Civil and Human Rights, Women in Solidarity Society, and Georgia Audubon boards; Advisory Board Member for Outdoor Afro, The Million Mile Greenway, Inc., Keeping It Wild, Inc., and Rachel's Network; and most recently the author of "Engage, Connect, Protect: Empowering Diverse Youth as Environmental Leaders."

Angelou is a lover of cultural dance, hiking and birds and good avocado toast! As recent empty-nesters, Angelou and her husband of 25 years, split their time between Atlanta, GA and Lagos, Nigeria.

Kristine Stratton

President & Chief Executive Officer

National Recreation and Park Association (NRPA)



Kristine Stratton is the president and chief executive officer of the National Recreation and Park Association (NRPA). In her role, she is responsible for the nearly \$20 million national organization that works to ensure that all people have access to parks for health, conservation and recreation. NRPA is the national voice for the protection and creation of local parks, harnessing the passion and power of its more than 60,000 members and the millions of individuals they serve.

NRPA partners with foundations, federal agencies and corporations that recognize the critical role of parks in creating healthy and sustainable communities. The organization grants millions of dollars each year to its members to implement programs that have measurable objectives, such as increasing equitable park access, reducing obesity, increasing physical activity, saving wildlife, connecting children to nature and implementing green infrastructure in communities nationwide. Access to quality parks and recreation is a critical component to an individual's success and to strong communities, and NRPA focuses on underserved communities to give everyone access to a great park.

A staunch advocate for environmental conservation and equity issues, Stratton believes strongly in NRPA's mission. Before coming to NRPA, Stratton was the senior vice president of operations at Earthjustice, a nonprofit public interest organization dedicated to litigating environmental issues. Prior to that, she served as the executive director of Waterkeeper Alliance in New York, New York, and before that she was vice president of operations at the Conservation Law Foundation in Boston, Massachusetts. She also served in several administrative and senior management roles at WGBH Educational Foundation, a public broadcasting station, in Boston, Massachusetts. Stratton holds a Master of Arts degree in environmental policy and planning from Tufts University and a Bachelor of Science degree in business administration from Boston University.

DEI DEPARTMENT

MISCELLANEOUS

- Coordinated a meeting to operationalize DEI-related changes
- Participated in Police Lieutenant interviews
- Continued to coordinate the DEI Speaker Series event for October
- Researching speakers for 2022
- Hosted Advisory Team Meeting
 - Developed a calendar for 2022 for meetings and Advisory Team lead experiences
- Compiling information for the 2022 Budgeting process
- Worked with Interpretative and Marketing on the Teacher Evaluation Tool and Process
- Continued working on the Strategic Initiative Building Sustaining Collaborations work group
- Hosted a Natural Resources Career Pathways meeting
- Hosted a DEI Conversation
- Participated in the Signature Events conversation
- Hosted a meeting with staff from PACE of Southeast MI and Presbyterian Villages of MI (PVM) to discuss Senior Citizen Services and the Metroparks partnership
- Began coordination of focus groups for the Southern District
- DEI web page text creation and review

CROSS-DEPARTMENT SUPPORT

- Sponsored the transportation for the swim program (Planning and Development)
- Sponsored the materials used for Sensory-Friendly backpacks (Interpretive Services)

CROSS- DEPARTMENTAL DEI WORK



CROSS-DEPARTMENTAL

DEI work is not done in a vacuum. The majority of the work coming from the DEI department is done in collaboration with other departments. In fact, removing silos and finding equitable ways of working together are critical to successful and sustainable DEI efforts. Likewise, DEI is an important part of the work of other departments. The following is a list of DEI initiatives across departments; again, some of these initiatives will also be covered in departmental updates.

ADMINISTRATION

- Detroit Parks Coalition meetings (virtual) to discuss priorities, programming and partnership opportunities
- Belle Isle Conservancy meeting (virtual) to discuss programming, events

HUMAN RESOURCES

- Interviews
- Building and Sustaining Collaborative Relationships team member

INTERPRETATIVE SERVICES

- Sensory Friendly Committee proposal for Sensory Friendly Backpacks sponsored by DEI department
- Many staff attended virtually DEI Speaker series- Dr. Elizabeth Perry – Climate Change and its impact on parks and NR management
- Kevin and Paul sat in on Volunteer Training Session at the Detroit River Hawk Watch Annual Meeting – DEI in National Park Service was a topic
- Kevin sat in on DEI discussion as part of monthly HMANA Board Meeting
- In collaboration with Park Operations, I.T., Marketing and the Community Outreach Interpreters they continue to schedule Get Out and Play 2021
- Victoria Taylor-Sluder attended the DEI Advisory Committee- Holocaust Memorial Museum field trip

MARKETING AND COMMUNICATIONS

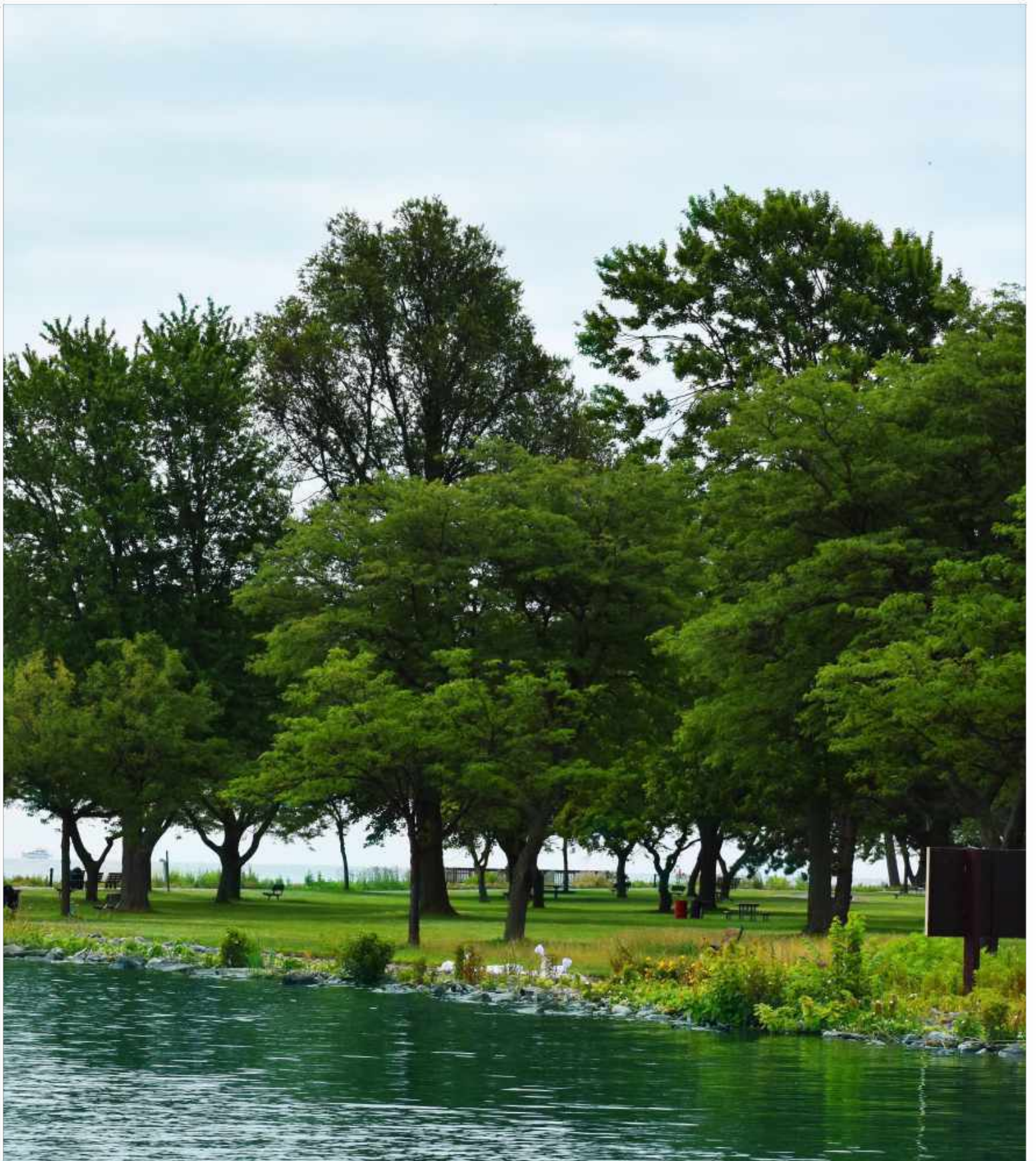
- Website restage updates
- Host meetings to develop process and tools for evaluations

NATURAL RESOURCES

- Participated in Natural Resource Career Pathway meeting

PLANNING AND DEVELOPMENT

- Coordinating the Swim program
- CAPRA (On-going)





To: Board of Commissioners
From: Nina Kelly, Chief of Planning and Development
Project Title: Report – Planning and Development Department Monthly Update
Date: September 3, 2021

Action Requested: Receive and file

That the Board of Commissioners receive and file the Planning and Development Department Monthly Update as recommended by Chief of Planning and Development Nina Kelly and staff.

Background: The following are highlights of the activities of the Planning and Development Department for August 2021:

Project/Initiative Implementation

- Volunteer management had a soft launch in August for shoreline clean-ups at Lake Erie and Lake St. Clair. Clean-up by canoe from Dexter-Huron to Delhi.
- Swim lessons were facilitated in partnership with the YMCA at Lake St. Clair in mid- to late August.
- An extension request was submitted to the Commission on the Accreditation of Parks and Recreation Agencies (CAPRA) Board. If granted, the Metroparks will not be required to submit its self-assessment report until early 2023.

Planning & Community Engagement

- Community outreach of Metropark Express transit pilot project is scheduled for September at the Lake St. Clair Boat Show event and along the Riverwalk in downtown Detroit with our partner the Detroit Riverfront Conservancy.
- The Lake Erie Marina study underway with staff and user engagement being performed by consultant to assist in marina recommendations.
- Scheduling outreach efforts for the Huron Meadows Trail Connections Feasibility Study with PEA Group and The Greenway Collaborative for multiple dates in September.
- An RFP has been issued for a representative regional survey for the first task involved in the Five-Year Community Recreation Plan that will need to be updated by end of 2022. A consultant recommendation will be forthcoming in October.

Programming

- Meet Me on the Trail Day planning committee to coordinate and plan with interpretive services and volunteers for participation in the Metroparks.
- Swimming survey for regional swimming facilities and programs is extended through September for additional representative responses from residents within the five counties and city of Detroit.

Grants

- The monthly grants report is included herein for the first time. This was typically used as an internal tracking document in the past, but it will be included with the Planning and Development Department Monthly Update going forward.
- NEEF Beach Wheelchair grant for mobility and accessibility on public lands submitted for the five Metroparks beaches. Notification is expected in October.

**Attachment: Monthly Grants Update
Planning and Development Monthly Report**

Grant Updates - September 2021							7-D-4-a
In Progress							
Grant program	JV/MN	Project/Park	Amount	Match	Due Date	Applicant	Notes
4CCF	MN	SC & WM field trips	\$10,000	-	-	MF	Waiting for final close out of previous year's grants; sent inquiry
NEEF-Toyota	MN	Beach Wheelchairs	\$20,000	in-kind	8/31/2021	HCMA	For all 5 Metroparks beaches; awards made in Oct.
Grant Applications Awaiting Response							
Grant program	JV/MN	Project/Park	Award Amt	Match	Submitted	Applicant	Notes
DNR TF '21	MN	LE Nature Trail Improvements	\$300,000	\$192,500	3/31/2021	HCMA	Anticipate preliminary scores in Sept.
DNR TF '21	MN	Delhi Take-Out Renovation	\$153,000	\$125,100	3/31/2021	HCMA	Anticipate preliminary scores in Sept.
Various Foundations (9)	MN	GOAL	\$5K-\$10K	-	6/29/2021	MF	Most are new, 2 previous funders; a couple LOIs
AstraZeneca Foundation - LOI	MN	TENS	\$12,800	-	7/16/2021	MF	August notification of full application; Sept. decision
GLRI-EPA Nonpoint Source	MN	OHM Stormwater Report GI	\$483,500	\$174,300	8/20/2021	HCMA	Wyandot is partnering; match is all in-kind; awards made in Nov.
MCMP	JV	LSC Accessible Launch	\$194,863	\$194,863	12/18/2020	HCMA	Supplemental materials sent in 5/7
LWCF '21	JV	Stony Creek Reflection Trail	\$465,600	\$465,600	4/1/2021	HCMA	Administratively complete
Grant Administration							
Grant program	Mgmt	Park/Project	Award Amt	Match	Deadline	Applicant	Updates
LWCF '18	MN/JK	LH North Fishing Site	\$144,400	\$144,400	4/30/2022	HCMA	Nearly complete; scheduling ribbon-cutting; prepare final report
GLRI-FS '18	MN/TM	LSC Black Cr Shoreline	\$160,211	-	12/31/2022	HCMA	Developing ITB
I-100 '18	MN/PB	KFC Seeding Green Future	\$90,000	-	11/7/2021	MF	Working w/6-8 grade teachers for fall return; Impact 100 visit in Sep
MNRTF '19	MN/JK	HMI Rapids View Launch	\$226,400	\$226,900	8/31/2022	HCMA	Permits received; design nearing completion
LWCF '19	MN/AS	Oak Access. Nature Trails	\$124,000	\$124,000	2/29/2024	HCMA	Waiting on DNR to complete Agreement
LWCF '20	MN	LH WGr Campground	\$300,000	\$150,000	TBD	HCMA	Waiting on NPS agreement
MNRTF '20	MN/KE	DxH Accessible Launch	\$192,700	\$192,800	5/31/2023	HMCA	Survey complete; design beginning
Ford Volunteer Corps '20	MN/KK	Oak Prairie Plantings	\$4,000	-	11/30/2021	MF	Half of native plugs in ground, remaining will be planted in fall
4CCF '19	MN/JJ	SC & Wol	\$24,000	-		HCMA	Waiting on equipment invoices for remote learning & Wol. Wagon
NFWF-SEMRF '21	MN/TM	Wil Big Bend Area Restoration	\$250,000	\$177,859	6/30/2023	HCMA	Fish survey complete and awaiting report
CFSEM Design and Access '20	MN	Feasibility study US-23 bridge	\$47,000	-	4/22/2022	MF	Study underway by PEA
Ford Volunteer Corps '21	MN/KK	Wolcott Raised Garden Beds	\$7,500	-	11/30/2021	MF	Ford volunteer days scheduled for late Oct.; waiting on check
PNC '21	MN/JJ	W. MLC Early Childhood Educ.	\$5,000	-	6/25/2022	MF	Check received; classes are being scheduled
Towsley Foundation '21	MN/JJ	GOAL	\$5,000	-	12/31/2022	MF	Sent signed agreement; will return with check
DNR Iron Belle Trail	V/NK/MF	LH IBT Design Engineering	\$82,075	\$23,400	9/1/2021	HCMA	In progress - extension requested to use remaining funds towards f
MNRTF '19	JV/AS	Ken West Boat Launch Dev	\$154,000	\$154,000	8/31/2022	HCMA	In design - waiting for permits, progress report submitted
LWCF '19	JV	LE Kayak Launch	\$122,500	\$122,500	2 yrs from proj agrmt	HCMA	Waiting for SHPO review
MNRTF '19	JV/JK	SC Off Leash Dog Area	\$50,000	\$88,500	8/31/2022	HCMA	Construction underway. Ongoing discussions re: signs, rules, other f

Grant Administration

TAP Grant	JV/JK	SC 26-Mile Connector Trail	\$214,455	\$43,000	12/31/2021	Macomb Co	Waiting for Macomb County to approve bid advertisement
Ralph C. Wilson Jr. Foundation	JV	Southern District	\$2,682,755	-	??	MF	First payments received
REI	JV/KK	Rouge Park Prairie	\$10,500	-	12/31/2021	HCMA	footbridge equipment and signs delivered, volunteer week 9/8
EGLE Non point source	JV/NK	LSC Beach	\$300,000	\$100,000	12/31/2023	HCMA	Punchlist complete, contract for installation nearly complete
SEMCOG Transportation Equity	JV/NK	LSC Planning	\$32,740	\$7,260	10/31/2021	Harrison Twp	Pilot Program is live
EGLE - Recycling	JV/JB	Western & Southern Districts	\$48,816	\$12,204	9/29/2023	HCMA	2nd report sent in; remaining funds should be returned or put to use
DNR Urban & Community Forestry	JV	SC Norway Spruces	\$1,950	\$1,950	9/1/2021	HCMA	Trees ordered and paid for. Delivery: 9/22
MNRTF '20	JV	LH IBT	\$300,000	\$416,766	6/1/2023	HCMA	Progress report submitted
LWCF '20	JV	LH Off-Leash Dog Area	\$165,400	\$165,400	~ Summer 2023		Depends on timing for project agreement
Healthy Catalyst	JV	Adaptive Kayak equipment	\$2,950	\$0	10/30/2020	HCMA	\$166 left to spend. Trained Kensington staff on 8/6
REI	JV	Rouge Park Prairie	\$8,000	TBD	5/4/2021	MF	This is an additional grant to the first one. Focusing on parking lot, GEI putting together dredging bid package; EGLE to review
NOAA/Great Lakes Commission	JV/TM	Lake Erie Shoreline Restoration	\$1,449,609	\$135,194	will be extended by GLC	HCMA	dewatering plan; offshore shoals plan underway; waiting on SHPO review of soil borings; construction ideally starts after Nov 1.
Renew MI - DRFC	JV	DRFC	\$1,000,000	N/A	4/30/2021	HCMA	HCMA acting as fiduciary for DRFC



PLANNING AND DEVELOPMENT MONTHLY REPORT

September 2021






Administrative Office
13000 High Ridge Drive
Brighton, MI 48114



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

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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	September 2021 Actions
SYSTEMWIDE	Planning and Development monthly reports	Report		Monthly	Staff time	Report assembly,
	Tollbooth scanning reports	Report		Monthly	Staff time	Ongoing, added story map in GIS
	Foundation administrative tasks	Various		Ongoing	Staff time	Administrative tasks, 2020 audit complete, 990 complete
	Sign request processing/signage transition plans	Infrastructure/ Small Facilities		Ongoing	Actual cost	Administrative tasks
	CAPRA accreditation preparation	Report	Various	Ongoing	Staff time	Sustainable Policy for CAPRA standard 7.8 and 7.9.1 being reviewed by Sustainability Committee; support provided for all Chapter Chairs
	SEM-TAT participation	Report		Ongoing	Staff time	Meeting attendance for Capacity Building & Planning/Mapping committees
	FAIR Play Coalition maintenance and development	Various		Ongoing	Volunteers	Consultations on projects
	Agency/org partnership maintenance and development	Various	Various	Ongoing	Staff time	Ongoing coordination with DRFC and City of Detroit, conducting swim lessons in partnership with the YMCA
	CAPRA Programming Ch. 6	Various		Ongoing	Staff time	Documentation assembly
	CAPRA Planning Ch. 2	Report		Ongoing	Staff time	Documentation assembly
	CAPRA Site Visit Team participation	Report		Late June	Staff time	Served on CAPRA Reaccreditation Site Visit Team (virtual) for Grove City, OH
	Commemorative trees and benches	Various		Ongoing	Staff time	Administrative tasks
	Participated in ESRI ArcGIS User Conference	Conference		August	Staff time	Learned new technologies, apps, and skills

SYSTEM-WIDE

HCMA Studies/Initiatives





Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
Volunteer Management	Plan		Spring 2021	Staff time	Work skills groups (HMills, LSC, WMi, and SCr) are finishing their 6 week program volunteering at parks, scheduling volunteer groups for fall invasive species removal and seed collection, reviewing volunteer management software, third quarterly meeting in September
Sustainability Plan projects coordination	Various		Ongoing	Various	CAPRA Sub-Committee working on sustainability policy standards
Trail Ambassador program	Report		August	Staff time	Shoreline clean-ups at Lake Erie and Lake St. Clair, clean-up by canoe from Dexter-Huron to Delhi
ADA Transition Plan	Plan		Ongoing	Staff time	ADA webpage development and Programming Transition Plan programming evaluations continue. Facility updates being collected from parks systemwide.
Visitor count program	Various		Ongoing	Staff time	3 temporary pedestrian/bicycle counters installed at Willow, Kensington, Dexter-Huron. Permanent counter installed at LSC with contractor; parking lot counts continue.
Park Master Plan Updates	Various		Ongoing	Staff time	Public input at movie nights completed at SCr, LSC, and KEN and LHU.
Visitation data documentation and analysis	Report		Ongoing	Staff time	Monthly reporting on scan data obtained from annual and daily passes
Interpretive Master Plan demographic and other data analysis	Report		Ongoing	Staff time	Support for Interpretive Services staff for interpretive plan development

Grants/Fundraising


Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
REI Grant Rouge Park	Plan		Ongoing	Staff time	2021 grant received for \$8000, signs, concrete, and lumber for footbridge to be dropped off in August.
NEEF Beach Wheelchairs	Plan		Ongoing	Staff time	National grant for mobility & accessibility on public lands; Notification in October
GOAL- Various grant opportunities	Plan		Ongoing	Staff time	Requesting funds for GOAL school programs for 2021-22 school year

SYSTEM-WIDE

Recreation Programming

Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
2021 Recreation Programming	Various		On going	Staff time	Movies in the Park occurring in 5 Metroparks and Swim Lessons at LSC.
DIA's Inside/Out program	Various		On going	Staff time	6 art installations completed at KEN, LER, and SCr until end of October
Programming Evaluation	Various		On going	Staff time	Ongoing
Swim program development plan (SE Michigan region)	Plan & Program		Fall 2021	Consultant Report	Survey has been distributed via marketing dept. messaging on yard signs and social media

Project Implementation/Oversight

Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
PNC Grant	Documentation		Ongoing	Check received	Moving forward with equipment purchases
EGLE Recycling Bin Grant	Plan	Various	May 2021	Staff time	Audits of recycling bins for contamination ongoing
Healthy Catalyst Paddling Accessibility	Implementation	Various	Ongoing	Staff time	Angle Oar and hand/wrist adaptations installed at SCr and KEN, available for public use. Conducted a training for staff at Kensington.
Nature trail wayfinding sign development	Implementation	Various	Ongoing	Staff time	GPS existing signage complete, met with Nature Center staff to discuss, traffic ped counter place between NC and trail start for collection of ped traffic data
ESRI ArcGIS User Conference	Documentation	Various	Ongoing	Staff time	Participated in online sessions related to new technologies and apps
Park maps in ArcGIS	Documentation	Various	Ongoing	Staff time	HMills, KEN, LHu, SCr and Will in progress

SOUTHERN DISTRICT





Marina at Lake Erie Metropark





SOUTHERN DISTRICT

Grants/Fundraising




	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
LEr	2021 TF- Cherry Island Trail Improvements	Large Facilities		April 2021	Staff	Submitted DNR Trust Fund application for improvements to the Cherry Island Trail.
	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.; Notification expected in October
LHu	2020 TF - LHu Iron Belle Trail Connector	Documentation	Various	2021.	Staff time	Project agreement complete. Ready for design engineering, to be coordinated with 2019 DNR IBT grant
	2020 LWCF - Walnut Grove Campground	Documentation	Various	2021	Staff time	LWCF grant recommended for funding. Entering Project Agreement, additional documentation provided
	2020 LWCF - Off-Leash Dog Area	Documentation	Various	2021	Staff time	LWCF grant recommended for funding. Entering Project Agreement, additional documentation provided

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
LHu	2018 LWCF - LH North Fishing Site	Large Facilities		Ongoing	Staff time	Nearing completion; waiting for minor items (striping, bike repair station, etc.) to be completed prior to seeking reimbursement.
	2019 IBT funding	Design		Sept 2021	Completed design engineering	Design engineering with PEA Inc. underway for aforementioned Iron Belle Trail section as well as Huron River Drive crossing
	Woods Creek Playground	Large Facilities	Various	2021 Completion	Construction	Playground equipment assembly and installation has started
	Accessible Restroom Improvements Project	Small Facilities	Ops/ Maint.	Completed	Staff time	Improvements to Woods Creek, Tulip Tree, and Walnut Grove Campground restrooms recently completed.
WIL	SE Michigan Resilience Fund- Big Bend Area Restoration	Large Facilities	Eng/NR	Ongoing	Staff	RFP issued for engineering design for improvements under review by staff. Stakeholder Meeting #3 planned for October

SOUTHERN DISTRICT



Project Implementation/Oversight, cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
LHu	Iron Belle Trail Improvements Project	Large Facilities		August	Construction	Project completed
	2019 LWCF - Oakwoods Accessible Nature Trail	Large Facilities		Ongoing	Staff time	Project Agreement sent to DNR for finalization
LEr	2019 LWCF - Lake Erie Accessible Boat/Kayak Launch	Large Facilities		1 month	Staff time	SHPO response requested State file review (archaeological study by Commonwealth Heritage Group and submitted to SHPO for review.) Awaiting project agreement for execution

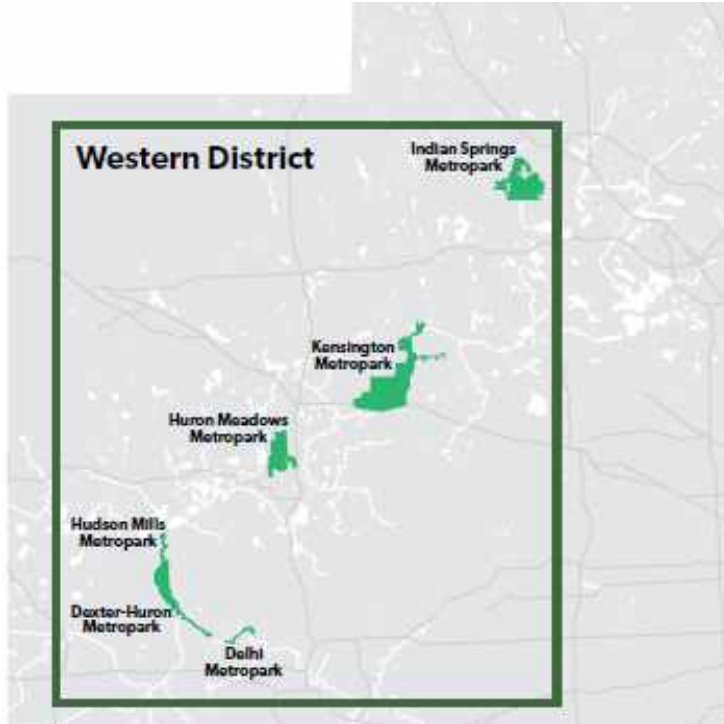
Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
WII	Willow Acorn Knoll Disc Golf Course	Small Facilities	Ops / Maint.	August	Staff time	Concept design completed to convert the course from a short 24 hole course to a longer 18 hole course with 6 additional practice baskets.

HCMA Studies/Initiatives





	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
LHu	South Fishing Site Erosion Control and Accessibility Study	Large Facilities		July	Staff time	Concept design completed.
LEr	Marina building study	Large Facilities		2021	Consultant	Draft report underway with staff and user engagement to assist in recommendations

WESTERN DISTRICT



WESTERN DISTRICT

Administrative





	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
Del	Border-to-Border trail design and construction	Large Facilities		Ongoing	Estimated Cost	Washtenaw County leading design efforts; attendance at meetings as necessary
	Skip's Livery relocation	Large Facilities		Ongoing	Consultant fee	Skip's Livery relocation site plan administrative review comments addressed and re-submitted for approval near the end of June.
Ken	Public art initiative for Maple Beach	Large Facilities		Ongoing	Staff time	Internal review for staff to be scheduled for summer 2021
MISC	Livingston County Parks and Open Space Advisory Committee	Partnership		Ongoing	Staff time	Attendance at regular POSAC meetings

Grants/Fundraising

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
Del	2021 TF – Accessible Takeout Development	Large Facilities		2021	Staff time	Submitted DNR Trust Fund application.

WESTERN DISTRICT

Project Implementation/Oversight

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
Ken	2019 TF West Boat Launch Accessible Launch Project	Large Facilities		Ongoing	Staff time	Project agreement executed; design underway
HMills	2019 TF Rapids View Accessible Launch Project	Large Facilities		Ongoing	Staff time	Project agreement executed; design underway. EGLE permitting and DNR Natural Rivers permitting received
DHu	2020 TF – Dex-Huron Accessible Launch	Large Facilities		Ongoing	Staff time	Project agreement executed; survey completed and design underway
HMe D	Feasibility study for connection between Huron Meadows & Island Lake Rec Area	Plan		June 2021	Staff time	PEA Group and Greenway Collaborative awarded contract. Project team meeting planning for public outreach events in September

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
Ken	Kensington Nature Center Parking Lot and Accessibility Improvement Study	Large Facilities		August	Staff time	Concept design reviewed onsite with staff at end of July.

EASTERN DISTRICT





Farm Center at Wolcott Mill Metropark




EASTERN DISTRICT







Administrative

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
WMIII	Schmidt Property Acquisition	Land Acquisition		Fall 2020	Acquisition	Working on demolition of deteriorated barns and other structures on site.
LSC	Nona (S. River Road) Potential Property Acquisition	Land Acquisition		Fall 2020	Consultant fees	Strategy in progress

Grants/Fundraising


	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
	2021 LWCF- Accessible Trail Development	Small Facilities		April 2021	Staff time	Submitted DNR Trust Fund application for improvements to the Reflection Trail.
LSC	Michigan Coastal Management Program Grant – Accessible Kayak Launch	Large Facilities	Various	Ongoing	Staff time	Application submitted late 2020; submitted Section 106 to SHPO with no adverse impacts to cultural resources.

Project Implementation/Oversight


	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
LSC	Transit Planning for Access to LSC	Large Facilities		2021 Completion	Consultant/Staff	SMART officials proposed pilot micro transit service in partnership with HCMA under review with operations staff.
	LSC Beach Restoration Project- Nonpoint Source Pollution Project	Large Facilities		2023 Completion	Staff time	Volunteer management for weeding and ongoing bird counts. Replanting will occur in the fall for some trouble spots and USGS monitoring to begin soon
	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
SCR	Shelden Trails Redevelopment	Large Facilities		Ongoing	Staff time	Rollercoaster loop complete. The Pines and the bridge connection are underway. GPS data collection of new trails
	2019 TF – Off-leash Dog Area Development	Large Facilities		Ongoing	Staff time	Contractor has started with the bullpen area and accessible walks
	Urban Community Forestry Grant	Application	Various	2021 Completion	Staff time	Grant received for 13 trees to be planted near the Stony Creek Starter Building.
WMIII	Wolcott Farm Center Ford Volunteer Corps	Small Facilities		Ongoing	Staff time	Grant received for renovation of 40 garden beds; Volunteer days scheduled for late October.

EASTERN DISTRICT


Project Implementation/Oversight, Cont.

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
SCR	Shelden Trails Signage Plan	Small Facilities	Mkting	3 months	Staff time	Will implement additional signage as project progresses throughout 2021. Added more cautionary signs for advanced trails and obstacles.
	26 Mile Connector Trail TAP Grant	Large Facilities		2021 Completion	Staff time	Bid package will be released by MDOT by September

Recreation Programming

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
	Meet me on the Trail day planning committee	Programming		September	Staff time	Coordination and planning with Interpretive and volunteers for participation at the Metroparks

Facility Concept Planning

	Description	Action Type	Dept. Input	Timing	Implementation Indicator	September 2021 Actions
SCR	Banquet tent area at Boat Launch	Conceptual Plan		Fall	Staff time	Concept designs underway.

WHAT'S NEXT?

	Description	Action Type
SYSTEM WIDE	CAPRA documentation assembly	Staff time
	Draft Access & Encroachment Policy development	Staff time
	Swim Program Development Plan	Consultant/Staff time
	Engage consultant for 5-Year Community Recreation Plan survey	Staff time
	Eco Counter Monthly Reports	Staff time
	Park Maps in ArcGIS Online	Staff time
EASTERN DISTRICT	Draft LSC transit access plan development and pilot rollout	Consultant/Staff time
	Programming Evaluations	Staff time
	Concept development for accessible camp store at Stony Creek Ridgewood Campground	Staff time
	Stony Creek Master Plan update draft	Staff time
WESTERN DISTRICT	Programming Evaluations	Staff time
	Huron Meadows Trail Connections Feasibility Study	Consultant/Staff time
	Initiate Kensington Master Plan update process	Staff time
SOUTHERN DISTRICT	Programming Evaluations	Staff time
	LHU Iron Belle Trail design engineering	Consultant/Staff time





To: Board of Commissioners
From: Jennifer Jaworski, Chief of Interpretive Services
Subject: Report Interpretive Services Department Monthly Update
Date: September 3, 2021

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 Report



HURON-CLINTON METROPARKS

INTERPRETIVE SERVICES MONTHLY REPORT

August 2021

Administrative Office
13000 High Ridge Drive
Brighton, MI 48814



METROPARKS.COM

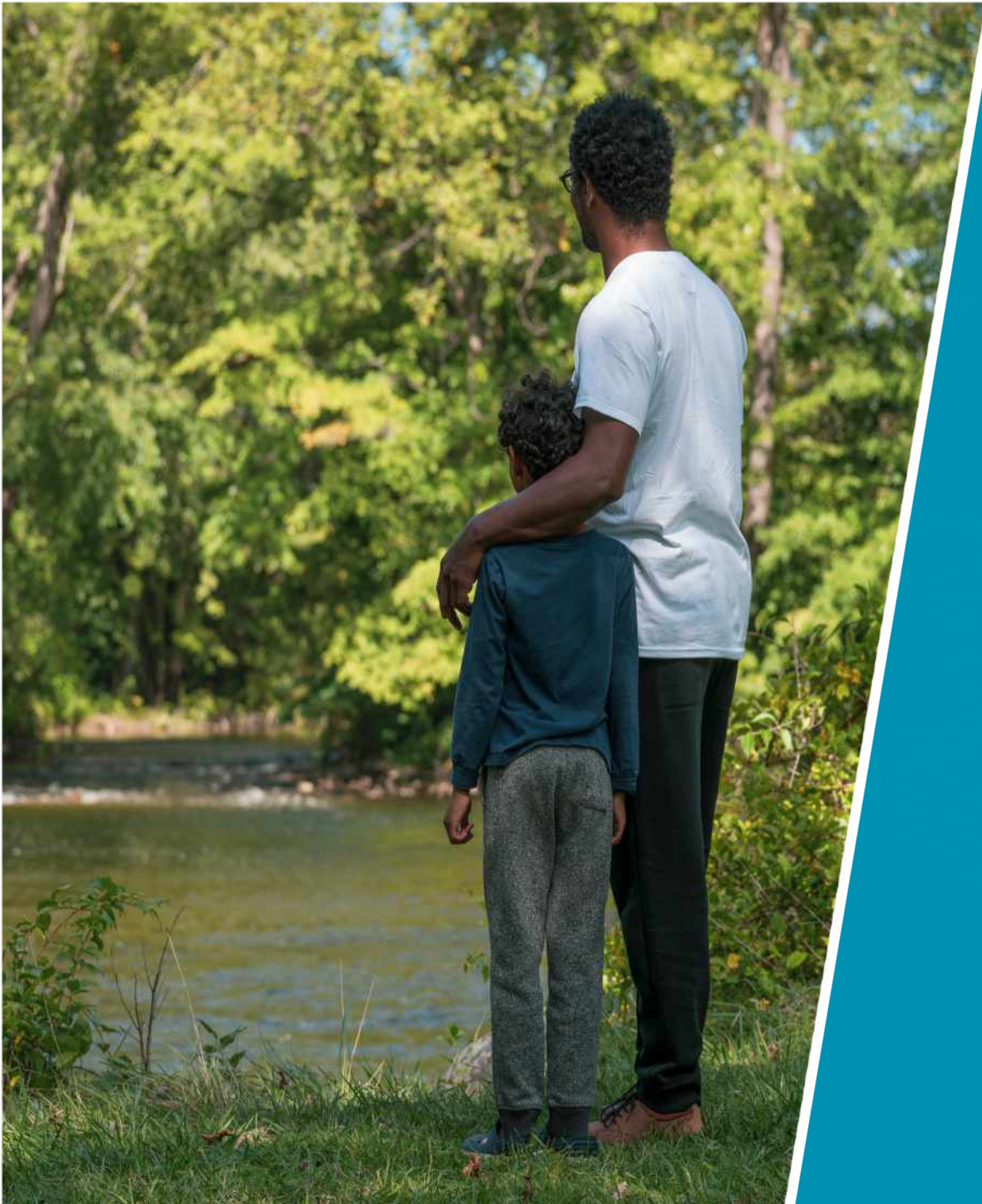


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PROGRAM/INITIATIVE IMPLEMENTATION

Project/Initiative Implementation

- New:
 - Development of Teacher surveys conjunction with Marketing and DEI
- Ongoing:
 - Michigan Activity Pass
 - Sensory Friendly backpacks available at Interpretive centers
 - Alliance of Downriver Watersheds and Huron River Watershed partnership for stormwater education to Wayne County Green schools
 - ADA benchmarking to evaluate program accessibility
 - Wildlife Management Plan proposal: working in coordination with Natural Resources and Regulatory Compliance to review and update current plan.
 - Internal Evaluation on public interpretive programs and Public Event and Programming survey initiative.
 - Interpretive Master Plans for 2021
 - Wolcott Mill Metropark Farm and Historic Centers
 - Oakwoods Metropark Nature Center
 - Kensington Metropark Farm Center



Menu

- Virtual Programs & Activities
- Homeschool Programs
- Interpretive Centers**
- Mobile Learning Centers
- Programs & Events Calendar
- School Programs & Field Trips
- Scholarship & Grant Opportunities
- Scout Programs

Interpretive Centers

The MetroParks Interpretive Department boasts 10 full-service interpretive facilities.

There are two farm centers, one at Kensington Metropark and the other at Wolcott Mill Metropark each showcase the sights, smells, and sounds of life on the farm. From Kensington's Living History Village to Wolcott Mill's milking barn and greenhouses, along with interacting with live animals, attending programs, booking a school field trip, hosting your birthday party and much more, you will not be disappointed.

There are seven nature centers that offer guests an opportunity to explore exhibits from wildlife to habitats, enjoy hands-on activities, interact with animals, attend programs, book field trips, and much more. Nature Centers also provide information about the park's nature trails, wildlife you can see while exploring the park and answer any questions you may have.

Interpretive Master Plans

Our staff are working to create Interpretive Master Plans for all of our interpretive Centers. This process involves a series of public and staff engagement and input to create master plans that will help direct our interpretive Centers as we seek to provide beneficial, meaningful, and informative experiences to all who visit.

The first of these master plans to be ready for public review is that of Wolcott Mill Metropark Farm and Historic Centers. The master plan is currently open for public review and comment before it is presented to our Board of Commissioners at their meeting on September 9, 2021. Comments should be sent to Jennifer Jaworski, Chief of Interpretive Services, at jennifer.jaworski@metroparks.com by September 1, 2021.

[Click here to review the Wolcott Mill Metropark Farm & Historic Center Interpretive Master Plan.](#)

COMMUNITY ENGAGEMENT

Community Engagement

- New:
 - Detroit Parks Coalition discussion on potential partnership with programming
- Ongoing:
 - Belle Isle Conservancy discussion on potential partnership with programming
 - Detroit Riverfront Conservancy: virtual programming and 2021 program schedule developed.



Kensington Farm Center – pathway paving project

PROGRAMMING

Programming

- Ongoing:
 - Get Out and Play 2021
 - Get Out and Learn 2021-2022
 - In-person, Synchronous and Asynchronous school programming continues
 - In-person programming continues, including “pop-up” programs
 - Virtual programming continues

**GET OUT
AND LEARN
SCHOLARSHIPS
AVAILABLE**



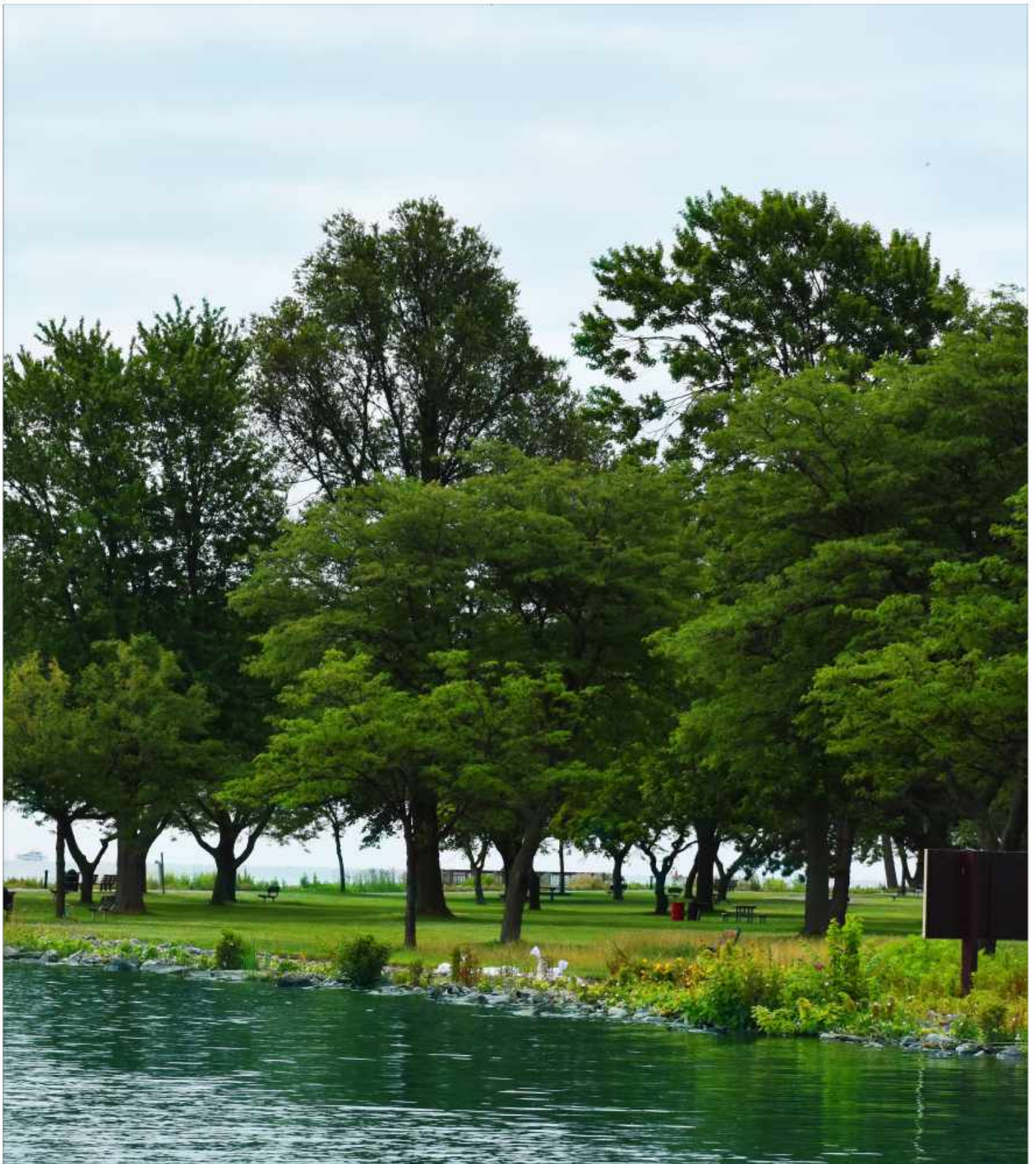
GRANTS

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 Lk. 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
 - Lake St. Clair Birding Trail, the Metroparks are supporting partner on this grant that is promoting the birding trail in St. Clair and Macomb Counties
 - Green Ribbon Initiative with the Nature Conservancy, this grant covers conducting programming that highlights Oak Openings and develop interpretive signage at Oakwoods Nature Center

Wolcott Mill Metropark
Farm Center
New Horse Run-in Shed







To: Board of Commissioners
From: Mike Henkel, Chief of Engineering Services
Subject: Approval –Marathon Easement Pipeline
Location: Oakwoods Metropark
Date: September 3, 2021

Action Requested: Motion to Approve

That the Board of Commissioners approve the request by Marathon Pipeline LLC (MPL) for a temporary and non-exclusive easement on park property located by the Flat Rock dam as recommended by Chief of Engineering Services Mike Henkel and staff.

Fiscal Impact: Marathon Pipeline LLC proposes to pay the Metroparks \$40,700 for the easement and an additional \$28,000 for tree replacements.

Background: In October 1977, the Metroparks granted permission under the previous 1960 agreement with the Buckeye Pipeline company to assign the existing 16-inch pipeline that crosses Metroparks property to the Marathon Pipeline Company.

At this time, Marathon is looking to install a new line that will replace its existing line, which is attached to the existing bridge that crosses the river (the existing bridge needs extensive repairs).

The easement will allow the installation of a new underground line at this location. The non-exclusive easement will encompass 1.34 acres. In addition, a temporary easement is being requested to facilitate the work on 1.39 acres. All areas will be restored per the agreement and in accordance with the Metroparks vegetative management plan.

The proposed easement agreement has been reviewed by legal counsel.

Attachments: Easement Description
Exhibit A
Exhibit B
Exhibit C
Calculation Worksheet
Cover Letter

Location



EASEMENT

SAP#
 Master Tract#
 Agreement#
 Tract#
 Tax ID#

HURON-CLINTON METROPOLITAN AUTHORITY, a Michigan public body corporate organized and operating under the provisions of Act No. 147 of 1939, as amended, with a mailing address of 13000 High Ridge Drive, Brighton, MI 48114 (hereinafter the "Authority"), for \$1,000 and other good and valuable consideration, hereby grants to MARATHON PIPE LINE LLC, a Delaware limited liability company, with a mailing address of 539 South Main Street, Findlay, Ohio 45840 ("MPL"), a variable width, non-exclusive easement, over a portion of the land located in the City of Flat Rock, County of Wayne, and State of Michigan, as more particularly described in the attached **Exhibit A** (hereinafter the "Land"), to construct, operate, maintain (including cathodic protection systems), inspect, survey, replace, reconstruct, improve, remove, relocate, change the size of, enlarge and protect one 16" pipeline in, on, under, over, across, and through that portion of the Land as more fully described and depicted in the attached **Exhibit B** (hereinafter the "Easement Area"), together with associated valves, fittings, location markers and signs, communication systems, utility lines, protective apparatus and all other equipment, appurtenances, and facilities that are necessary, useful or incidental to or for the operation or protection thereof, and to conduct such other activities within the Easement Area as may be necessary or convenient in connection therewith for the purpose of transmitting and distributing for the transportation of petroleum, petroleum products, crude oil, and water, subject, however, to the terms and conditions set forth in this Easement.

Additional Work Space: In addition to the permanent easement set forth above, the Authority further grants to MPL during initial construction and installation only, the right to temporarily use certain additional working area(s) (collectively, the "Working Areas") reasonably required to construct said pipeline. The Working Areas abut the Easement Area, on either side, and are more fully described and depicted as the "Working Area" and "Additional Temporary Work Area" in the attached **Exhibit B**.

Access: In order to access said Easement Area and Working Areas, MPL shall have the non-exclusive right of ingress and egress on, over, and through the thirty-six foot (36') wide access road on that certain portion of the Land as more fully described and depicted in the attached **Exhibit B** ("Access Road") for any and all purposes necessary, convenient, or incidental to the exercise by MPL of the rights granted hereunder. Notwithstanding the foregoing, in any emergency situation or circumstance presenting immediate or impending danger, MPL shall have the right of ingress and egress over the Easement Area and, if and to the extent necessary, the Land as to access said pipeline, provided that MPL shall immediately restore any such portion of the Land used in connection therewith.

Above Ground Appurtenances: MPL shall not install or construct any appurtenances or structures above ground without the prior written consent of the Authority, excepting valves, protective apparatuses, test leads, location markers, road markers at property lines and/or road crossings, and other devices required by law.

Original Construction: Prior to MPL entering the Land or conducting initial construction (including preparation activities) within the Easement Area (other than surveying and measuring) MPL shall provide the Authority with (i) a written timetable setting forth the construction and completion schedule; (ii) the name, address, and a contact person for each independent contractor and subcontractor that enters upon the Land and Easement Area; and (iii) the certificates of insurance evidencing the coverages required under this Easement. Nothing herein shall limit the obligation and liability and responsibility of MPL for any and all actions and activities occurring in connection with construction and installation of the pipeline and related facilities and MPL's permitted uses in general of the Easement Area. The design and construction of the pipeline, related facilities and all activities conducted in the Easement Area by MPL (and its employees, contractors and agents) shall be in accordance with good, workmanlike standards in the industry and geographical area of the Land where this Easement is located; in accordance with all applicable laws, codes, ordinances and regulations (including, but not limited to, the depth of the pipeline); and in accordance with the Vegetation Management Plan (as defined below). If deemed necessary by either party, MPL shall construct and maintain appropriate temporary fencing and provisions for maintaining drainage during the period of construction so that the Authority's use of the Land on property adjoining the Easement Area can be maintained and to assure continued

access, ingress and egress for the Authority to the Land other than the Easement Area; this may include, but is not necessarily limited to, temporary fencing to contain animals, ditches and drain lines to allow surface water drainage, and the like. Upon completion of construction, any fences and drains will be reinstalled within two weeks by MPL in a manner and condition equal to or better than that existing prior to construction. Any streams or waterways located along or across the Easement Area shall be maintained by MPL in a manner so that flow is not disrupted during construction, and flow upon completion is returned to what could reasonably be expected based on historical flow rate and volume, with all workmanlike and generally accepted standards being followed by MPL for erosion of stream banks. MPL shall at its sole cost and expense reseed and restore, as applicable, the Easement Area. Upon completion of construction, and prior to the pipeline being placed in service, MPL shall provide the Authority with an as-built survey which reflects the location of the pipeline, its depth and diameter within the Easement Area, prepared by and stamped by a Registered Surveyor in good standing in the State of Michigan. From time to time, MPL shall provide the Authority with a supplemental survey that reflects any subsequent corrections or changes to the pipeline within the Easement Area, subject to and in accordance with the terms of this Easement.

Maintenance and Upkeep: MPL shall maintain, inspect, replace, reconstruct, improve, remove, or perform similar work or activities to the pipeline and related facilities as necessary to keep and maintain the same in safe and good condition and repair. All such work shall be completed in accordance with the terms of this Easement and all applicable laws, and such work and activities shall be the sole obligation of MPL at MPL's cost and expense, and shall be contained within the Easement Area and not the Working Area(s) or any other temporary easement unless and until a separate temporary easement is agreed to in writing and signed by the Authority. Except as otherwise specifically limited herein to original or initial construction, construction standards and requirements applicable for initial construction activities set forth in this Easement shall be equally applicable to any of the aforesaid work or activities. MPL shall construct and maintain appropriate signage warning of the pipeline and related facilities and advising of its location. Prior to undertaking any inspection, maintenance, or repairs of the pipeline and related facilities, MPL shall provide the Authority with reasonable advance notice in writing, except in the event of an emergency situation or circumstance presenting immediate or impending danger, in which case MPL shall notify the Authority as soon as is reasonable under the circumstances. MPL shall not place any gates or other obstructions that obstruct or otherwise limit full access by the Authority to the Land (other than portions fenced immediately around the appurtenances within the Easement Area). In the event any real property tax or assessment is imposed upon the Authority by reason of the pipeline, related facilities or this Easement, MPL shall assume, pay, and reimburse the Authority upon demand in full for the amount of such taxes, assessments, or any other increase in real or personal property taxes.

Trees and Other Vegetation: The Authority shall not plant any trees within the Easement Area; provided, however, the Authority shall have the right to construct on and use the surface of the Easement Area as specifically provided in this Easement. With no further liability to the Authority, MPL shall have the right from time to time hereafter to enter the Land to trim, cut down, and otherwise remove and control any trees, brush, roots, and other vegetation within the Easement Area, subject to and in accordance with the vegetation management plan mutually agreed to between MPL and the Authority; a copy of said plan is attached hereto as **Exhibit C** and incorporated herein by reference (as the same may hereinafter be amended and/or modified from time to time, the "Vegetation Management Plan"). At the time MPL completes construction and installation of the pipeline and related facilities described herein, MPL will promptly and in a manner satisfactory to the Authority, restore, repair or replace, at MPL's sole expense, any and all property of the Authority which is moved, damaged, disturbed, or destroyed in connection with MPL's exercise of the rights granted herein. Furthermore, MPL shall restore vegetation to the Easement Area and otherwise comply with the applicable terms of the Vegetation Management Plan. For the avoidance of doubt, MPL has no right to trim or remove any trees that are outside of the Easement Area except that MPL may trim that part of the branches of any tree to the extent that such branch extends into the Easement Area.

Buildings/Structures: The Authority agrees not to build, create, construct, or permit to be built, created, or constructed, any building, engineering works, or any other type of structure over, under, or on said Easement Area, whether temporary or permanent, without the prior written consent of MPL, which consent shall not be unreasonably withheld; provided, however, the foregoing shall not prohibit the Authority's use of the surface of the Easement Area as specifically provided in this Easement.

Other Easements: Authority Use of Easement Area: Notwithstanding anything to the contrary contained herein, the Authority may grant other easements over, along and across the Easement Area so long as such other easements do not interfere with MPL's purposes and uses of the Easement Area as permitted under this Easement. MPL shall have no right to grant any easements or sub-easements on, along or across the Easement Area or Land. The Authority retains, reserves and shall continue to enjoy use of the surface and above ground portions of the Easement Area for any and all purposes including, but not limited to, the right to build and use such for drainage ditches; private streets, roads, driveways, and walks; gardens; trails; to perform prescribed or hazard reduction burns (e.g., for forest management purposes); and other like uses. Authority will provide prior reasonable notice to MPL of any such use which may potentially effect or pose a threat to its pipeline.

Ground Elevation: The Authority shall not cause a material alteration of the ground elevation within the Easement Area without a prior written agreement executed by MPL allowing said alteration.

Crop/Timber Damage: MPL shall pay compensation to the Authority, based on market rates and appraisal(s) from a licensed arborist selected by MPL and approved by the HCMA pursuant to a separate agreement, for all growing crops and timber situated on the Land that are damaged or destroyed by MPL during the original installation of MPL's pipeline and related facilities installed pursuant to this Easement on the Land. Further, should MPL's subsequent maintenance, repair, or replacement of the pipeline or related facilities result in damage to or destruction of crops or timber outside the Easement Area, MPL shall further compensate the Authority as provided herein.

Liability, Indemnity & Insurance:

(a) MPL shall be strictly liable for all damages and losses caused by or arising out of MPL's construction, maintenance, repair, replacement, removal, or operation of the pipeline or activities upon the Easement Area or Land that may be asserted against the Authority (except to the extent any such claim arises from the gross negligence or intentional misconduct of the Authority or its employees or agents). MPL agrees to defend, indemnify and hold harmless the Authority, its officers, agents, representatives, servants, employees, volunteers, boards, commissioners and appointed officials (collectively, the "Indemnified Parties"), from and against any and all claims, demands, liabilities and causes of action for injury, including death, or damage to persons or property, or fines or penalties or environmental matters and including reasonable attorneys' fees, arising out of, incidental to or resulting from the acts or omissions or operations of or for MPL or its employees, contractors or agents (except to the extent any such claim arises from the gross negligence or intentional misconduct of the Indemnified Parties), and from and against all costs and expenses incurred by the Indemnified Parties by reason of any such claims (except to the extent any such claim arises from the gross negligence or intentional misconduct of the Indemnified Parties). This indemnity shall apply to any claim regardless of the legal merit and basis. MPL by accepting delivery of this grant of Easement, hereby agrees to pay all damages caused by its employees, contractors and agents as provided for in this paragraph.

(b) MPL represents that it now carries, and agrees that it will continue to carry during the term of the Easement, Excess Liability Insurance with limits of at least \$5,000,000 per occurrence and which covers bodily injury and property damage liability arising from its acts or omissions, premises, operations, products, completed operations and includes contractual liability. Such coverage is and may continue to be subject to a self-insured retention considered prudent and consistent with other utility companies of similar size and operation as MPL. MPL shall cause Certificates of Insurance or other documentation evidencing the above coverages to be provided to the Authority prior to MPL's initial entry into the Land or the exercise of its rights hereunder and, at the renewal of such insurance. The insurance policy required under this paragraph (b) shall include the Authority as an additional insured. MPL waives any and all claims that could be brought by MPL against the Authority through the right of subrogation for property damage or personal injury caused by or arising out of a cause or loss that is insured against or that could have been insured against by available insurance coverage (e.g., by a Causes of Loss - Special Form policy of property insurance), except for loss or damage due solely to the willful misconduct or gross negligence of the Authority or its employees, contractors or agents. The provisions of the above paragraph (a) and this paragraph (b) shall survive the termination or abandonment of this Easement.

Exercise of Easement; Abandonment and Termination: The Easement Area shall be used only for the purposes set forth in this Easement. This Easement shall terminate upon the following, whichever occurs first: (i) at such time as the pipeline is abandoned; or (ii) the Easement is released or abandoned by MPL or its successors and assigns. MPL shall remove all equipment, pipelines, and appurtenant fixtures within the Easement Area at MPL's sole cost, unless MPL (or its successors and assigns) reasonably deems removal to be too disruptive to the nature center, in which case instead of removal, MPL shall clean the line, flush it, and bulkhead it in accordance with industry standards and all applicable laws.

Title: The Authority makes no representation or warranty of any kind whatsoever as to the Authority's title to the Land described in **Exhibit A** hereto. It shall be MPL's sole burden and obligation to assure itself of the quality of title to the Authority's property for the purposes and to the extent deemed necessary by MPL in order to enter this Easement. The Authority's grant of the easement and other rights pursuant to this Easement is subject to all existing easements and matters of record.

Environmental Issues: MPL shall be solely responsible for, and shall comply with all applicable laws and regulations as to any required permitting, licenses, and fees related thereto, concerning, relating to or arising from MPL's use of the Easement Area and the pipeline and related facilities therein (including, but not limited to, federal, state or local laws, statutes, regulations or ordinances governing substances which are defined as "hazardous materials", "toxic

substances” or “solid waste” by such federal, state or local laws, statutes, regulations or ordinances). Should any reportable quantity of pollutant, hazardous material, toxic substances, contaminated waste or solid waste be accidentally released, MPL shall notify the Authority within 48 hours after MPL obtains knowledge or is notified thereof, whichever is earlier. MPL shall be responsible for and timely pay all costs of clean-up, remediation, and other costs related to and arising from the event, including, but not limited to penalties, and MPL shall indemnify, defend, and hold harmless the Authority with respect thereto.

Threatened and Endangered Species: MPL acknowledges that the Land and Easement Area are located within a conservation nature center and that the area may be the habitat of threatened or endangered species. MPL shall comply with all laws and permitting requirements relating to the protection of all such species.

Successors: This Easement shall bind and benefit the Authority’s and MPL’s respective successors and assigns.

Counterparts: This Easement may be executed simultaneously in two or more counterparts, each of which shall be deemed an original and all of which together shall constitute one and the same instrument. It is not necessary that all parties execute any single counterpart if each party executes at least one counterpart.

[signatures and acknowledgment on following page]

IN WITNESS WHEREOF, the Authority and MPL have executed this Easement as of the latter of the dates set forth below next to each party's signature hereto.

Date: _____

Huron-Clinton Metropolitan Authority:

Huron-Clinton Metropolitan Authority, a Michigan public body corporate organized and operating under the provisions of Act No. 147 of 1939, as amended

By: Amy McMillan

Its: Director

Acknowledgment

The foregoing instrument was acknowledged before me in _____ County, Michigan, on _____, by _____, the _____ for Huron-Clinton Metropolitan Authority, a Michigan public body corporate organized and operating under the provisions of Act No. 147 of 1939, as amended.

Notary Public
_____ County,

Michigan

Acting in _____

County

My Commission expires:

Date: _____

MPL:

Marathon Pipe Line LLC, a Delaware Limited Liability Company

By: Aron Velasquez

Its: Right of Way and Public Engagement Manager

Acknowledgment

The foregoing instrument was acknowledged before me in Hancock County, Ohio,

on _____ by Aron Velasquez, the Right of Way and Public Engagement Manager of
Marathon Pipe Line LLC, a Delaware limited liability company.

Notary Public

Hancock County, Ohio

Acting in _____

County

My Commission expires:

EXHIBIT A

The Land

Tax Parcel 58-093-99-0005-702:

Land in the City of Flat Rock, County of Wayne, State of Michigan, described as: That part of the Southwest 1/4 of Section 31 described as commencing at the Southwest corner of Section 31 and proceeding thence North 00 degrees, 46 minutes, 41 seconds East along the West section line 457.82 feet; thence South 88 degrees, 55 minutes, 08 seconds East 181.17 feet; thence South 88 degrees, 57 minutes, 39 seconds East 537.55 feet; thence South 88 degrees, 57 minutes, 04 seconds East 89.05 feet for a Point of Beginning; thence North 29 degrees, 12 minutes, 39 seconds West 438.95 feet; thence North 62 degrees, 02 minutes, 56 seconds East 99.85 feet; thence North 27 degrees, 52 minutes, 40 seconds West 100.02 feet; thence South 62 degrees, 14 minutes, 10 seconds West 99.93 feet; thence North 27 degrees, 48 minutes, 48 seconds West 59.87 feet; thence North 61 degrees, 25 minutes, 52 seconds East 1428.19 feet; thence Southeast and Southerly meandering along the East high bank of the Mill Race river 1753 more or less to the tip of the island; thence North 63 degrees, 26 minutes, 21 seconds East 77.97 feet; thence South 32 degrees, 19 minutes, 43 seconds West 83.77 feet; thence South 65 degrees, 46 minutes, 54 seconds West 96.58 feet; thence North 53 degrees, 29 minutes, 06 seconds West 259.64 feet; thence North 33 degrees, 0 minutes, 43 seconds West 344.83 feet; thence North 84 degrees, 55 minutes, 34 seconds West 153.44 feet; thence North 89 degrees, 08 minutes, 44 seconds West 109.98 feet; thence South 89 degrees, 33 minutes, 59 seconds West 89.86 feet; thence South 0 degrees, 48 minutes, 04 seconds West 459.00 feet; thence North 88 degrees, 49 minutes, 53 seconds West 116.09 feet; thence North 88 degrees, 39 minutes, 41 seconds West 224.22 feet; thence North 0 degrees, 53 minutes, 47 seconds East 250.00 feet; thence North 89 degrees, 24 minutes, 33 seconds West 120.25 feet; thence North 89 degrees, 23 minutes, 53 seconds West 78.05 feet; thence North 0 degrees, 32 minutes, 42 seconds East 74.00 feet; thence North 42 degrees, 31 minutes, 03 seconds West 15.02 feet; thence North 35 degrees, 10 minutes, 51 seconds West 153.45 feet to the point of beginning, and containing 31.33 acres more or less.

Less and except the following cemetery parcel, described as commencing at the Southwest corner of Section 31 and proceeding thence North 00 degrees, 46 minutes, 41 seconds East along the West section line 457.82 feet; thence South 88 degrees, 55 minutes, 08 seconds East 181.17 feet; thence South 88 degrees, 57 minutes, 39 seconds East 537.55 feet; thence South 88 degrees, 57 minutes, 04 seconds East 89.05 feet; thence South 88 degrees, 59 minutes, 54 seconds East 638.97 feet; thence North 06 degrees, 58 minutes, 56 seconds West 287.60 feet for a Point of Beginning; thence North 02 degrees, 55 minutes, 15 seconds West 107.94 feet; thence North 74 degrees, 35 minutes, 38 seconds East 79.35 feet; thence South 13 degrees, 39 minutes, 54 seconds East 128.26 feet; thence South 87 degrees, 35 minutes, 51 seconds West 101.39 feet to the point of beginning, and containing 0.24 acres more or less.

EXHIBIT B

The Easement Area

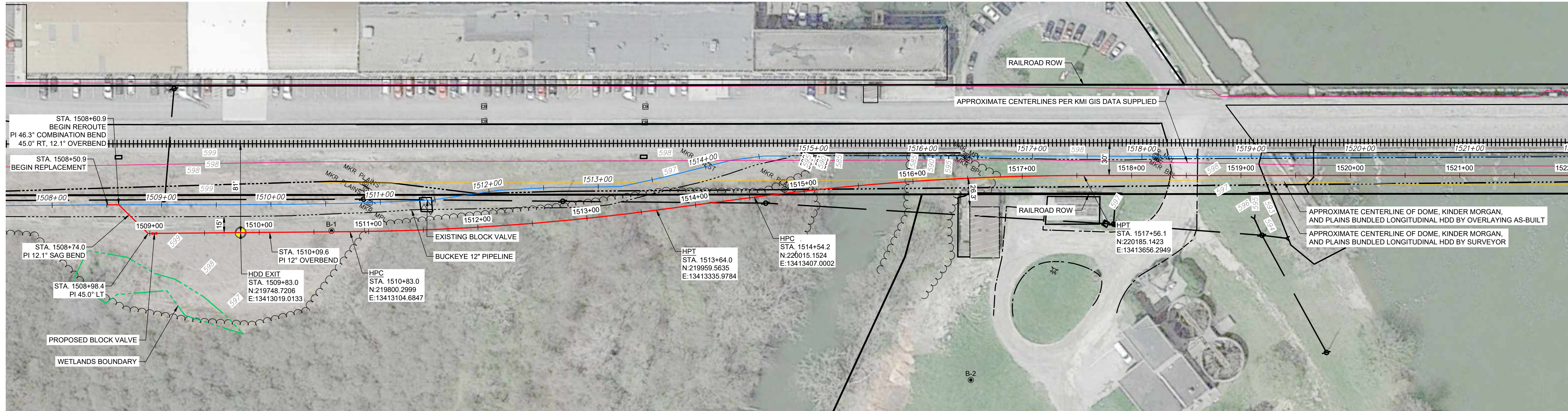
(including Working Area, Additional Temporary Work Area, and Access Road)

[see attached; to be attached prior to recording]

EXHIBIT C

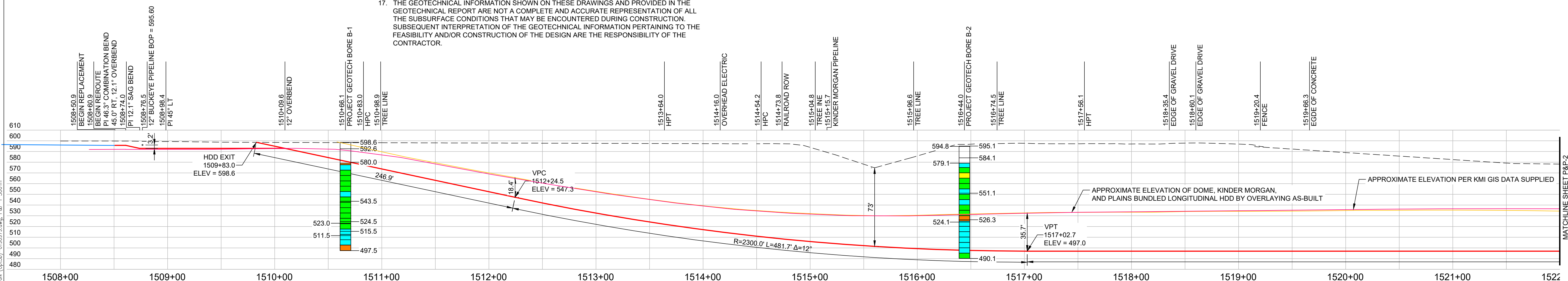
Vegetation Management Plan

[see attached; to be attached prior to recording]



HDD NOTES

- REFERENCE MARATHON STANDARD MPL-CON-00448-PRS FOR DIRECTIONALLY DRILLED CROSSING INSTALLATION REQUIREMENTS.
- MINIMUM ALLOWABLE COMBINED RADIUS = 1,150 FEET.
- ALIGNMENT TOLERANCE: ± 5' FEET.
- ELEVATION TOLERANCE: +0 FEET / - 10 FEET.
- ENTRY LOCATION TOLERANCE: ± 0 FEET.
- EXIT LOCATION TOLERANCE: ± 40 FEET LONG / - 0 FEET SHORT.
- FOR ALL OTHER TOLERANCES REFER TO MPLDGN010 AND MPL-CON-00448-PRS.
- MAXIMUM ALLOWABLE PULLBACK FORCE = 590,000 LBS PER PULL.
- THEORETICAL PULLBACK FORCE REQUIRED = 95,000 LBS. (NO BUOYANCY CONTROL)
- MAXIMUM ROTATIONAL TORQUE = 0 IN-LBS PER PULL.
- MAXIMUM PIPE SUPPORT SPACING: HYDROTEST = 58 FEET; STRINGING = 57 FEET; SEE PULLBACK PLAN DRAWING FOR PULLBACK PROVISIONS.
- PRE-PULLBACK HYDROTESTING SHALL BE IN ACCORDANCE WITH THE PROJECT-SPECIFIC HYDROTEST PLAN.
- CONTRACTOR SHALL VERIFY THAT SOIL BORE HOLES HAVE BEEN ADEQUATELY SEALED TO PREVENT LOSS OF DRILLING FLUID.
- SOIL BORE INFORMATION PROVIDED BY TERRACON.
- SOIL BORE ELEVATIONS PROVIDED BY METRO CONSULTING ASSOCIATES.
- AVOIDANCE, MITIGATION, AND CLEAN-UP OF ANY INADVERTENT RETURNS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE GEOTECHNICAL INFORMATION SHOWN ON THESE DRAWINGS AND PROVIDED IN THE GEOTECHNICAL REPORT ARE NOT A COMPLETE AND ACCURATE REPRESENTATION OF ALL THE SUBSURFACE CONDITIONS THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. SUBSEQUENT INTERPRETATION OF THE GEOTECHNICAL INFORMATION PERTAINING TO THE FEASIBILITY AND/OR CONSTRUCTION OF THE DESIGN ARE THE RESPONSIBILITY OF THE CONTRACTOR.

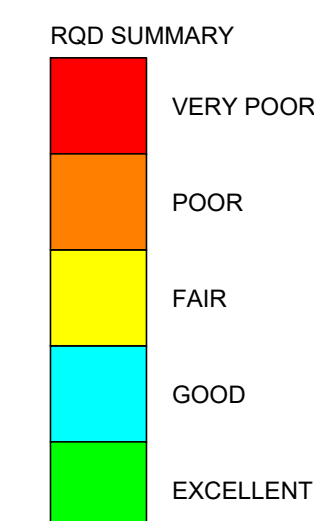


B-1

598.6' - 592.6'	FILL - POORLY GRADED SAND (SP). Backfill from hydrovac operation.
592.6' - 580.0'	LEAN CLAY (CL), trace gravel, brown to gray, very stiff
580.0' - 543.5'	LIMESTONE, gray, laminated bedding, slightly weathered, weak rock, with calcite veins
543.5' - 524.5'	SANDSTONE, gray and white, medium-grained, laminated bedding, slightly weathered, very weak
524.5' - 523.0'	LIMESTONE, gray, laminated bedding, slightly weathered, weak rock, with calcite veins
523.0' - 515.5'	SANDSTONE, gray and white, medium-grained, laminated bedding, slightly weathered, very weak
515.5' - 511.5'	LIMESTONE, gray, laminated bedding, slightly weathered, weak rock, with calcite veins
511.5' - 497.5'	SANDSTONE, gray and white, medium-grained, laminated bedding, slightly weathered, very weak

B-2

595.1' - 594.8'	TOPSOIL
594.8' - 584.1'	FILL-GRAVELLY LEAN CLAY (CL), with sand, trace brick fragments, trace coal fragments, brown, medium stiff
584.1' - 579.1'	LEAN CLAY (CL), with sand, trace gravel, gray, medium stiff to stiff
579.1' - 551.1'	LIMESTONE, gray, laminated bedding, slightly weathered, weak rock, with calcite veins
551.1' - 526.3'	SANDSTONE, gray and white, medium-grained, laminated bedding, slightly weathered, very weak
526.3' - 524.1'	LIMESTONE, gray, laminated bedding, slightly weathered, weak rock, with calcite veins
524.1' - 490.1'	SANDSTONE, gray and white, medium-grained, laminated bedding, slightly weathered, very weak



LEGEND

- EXISTING PIPELINE (Blue dashed line)
- PROPOSED PIPELINE (Red solid line)
- PROPERTY LINE (Black dashed line)
- WETLANDS (Green wavy lines)

PRELIMINARY
NOT FOR CONSTRUCTION
DATE: 12-08-2020

DRAWING PHASE	
DESIGNER	APPROVER
REVISION DESCRIPTION	DATE

SAMARIA - DETROIT 16" CRUDE
HURON RIVER CROSSING
PLAN & PROFILE - SHEET 1
WAYNE COUNTY, MICHIGAN

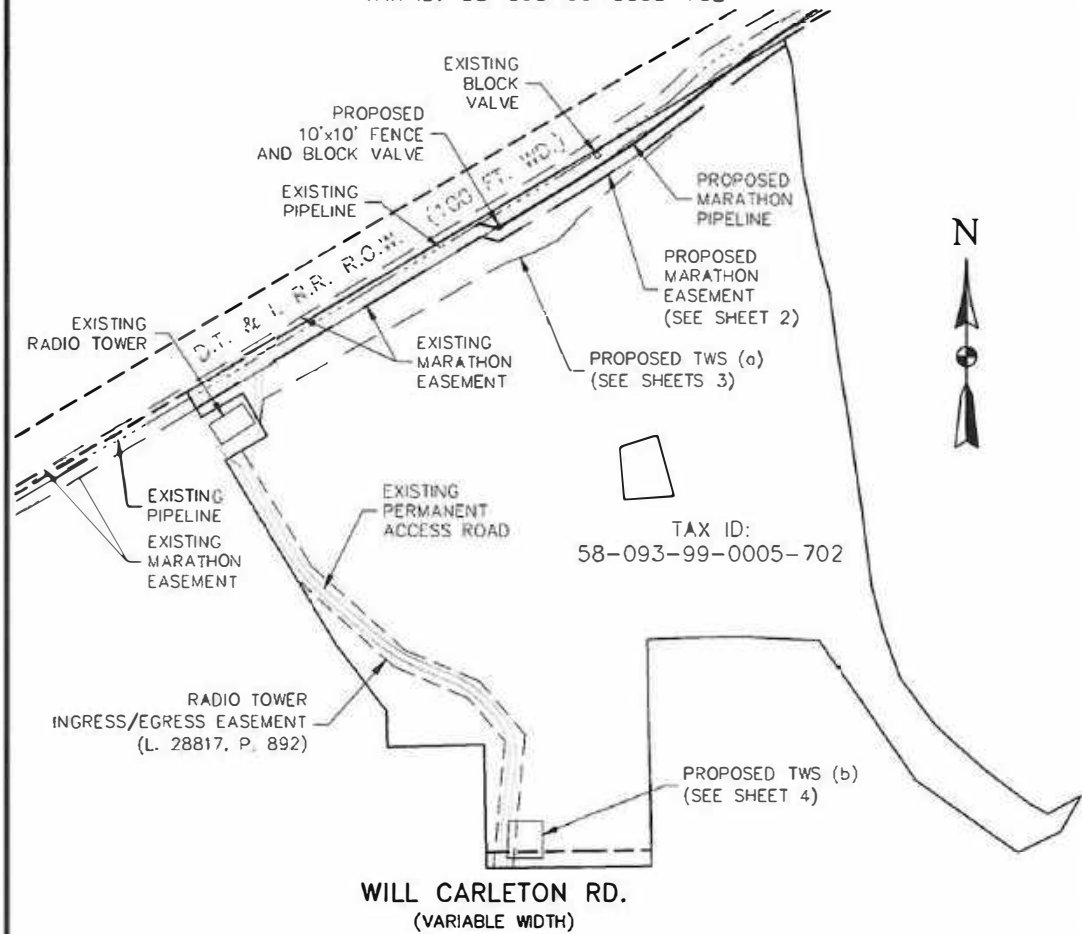


SCALE	1"=50'
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PROJ. ID	-
-	P&P-1
-	PLAN & PROFILE - SHEET 1
-	DISC. DRAWING NO.
-	P&P-1

THIS DRAWING IS THE PROPERTY OF MARATHON PETROLEUM COMPANY LP AND IS NOT TO BE USED OR REPLACED WITHOUT EXPRESSED WRITTEN CONSENT OF MARATHON PETROLEUM COMPANY LP.

J:\2019\0109078\00 - MPL SAGT Huron River HDD\04 Drawings\DWG\VC-DESIGN (Qr1b)-0190978.dwg P&P-1 SOUTH

EXHIBIT B
 WAYNE COUNTY, MICHIGAN
 TAX ID: 58-093-99-0005-702



LEGEND:

- PROPERTY LINE
- PROPOSED PIPELINE
- PROPOSED MARATHON EASEMENT
- RIGHT-OF-WAY
- TEMPORARY WORKSPACE (TWS)

NOTES:

1. BEARING BASIS IS BASED UPON M183-SIF MICHIGAN STATE PLANE COORDINATES, SOUTH ZONE, INTERNATIONAL FOOT

2. CERTIFIED BOUNDARY SURVEY HAS NOT BEEN PERFORMED FOR SUBJECT PROPERTY. NO PROPERTY IRONS HAVE BEEN SET.

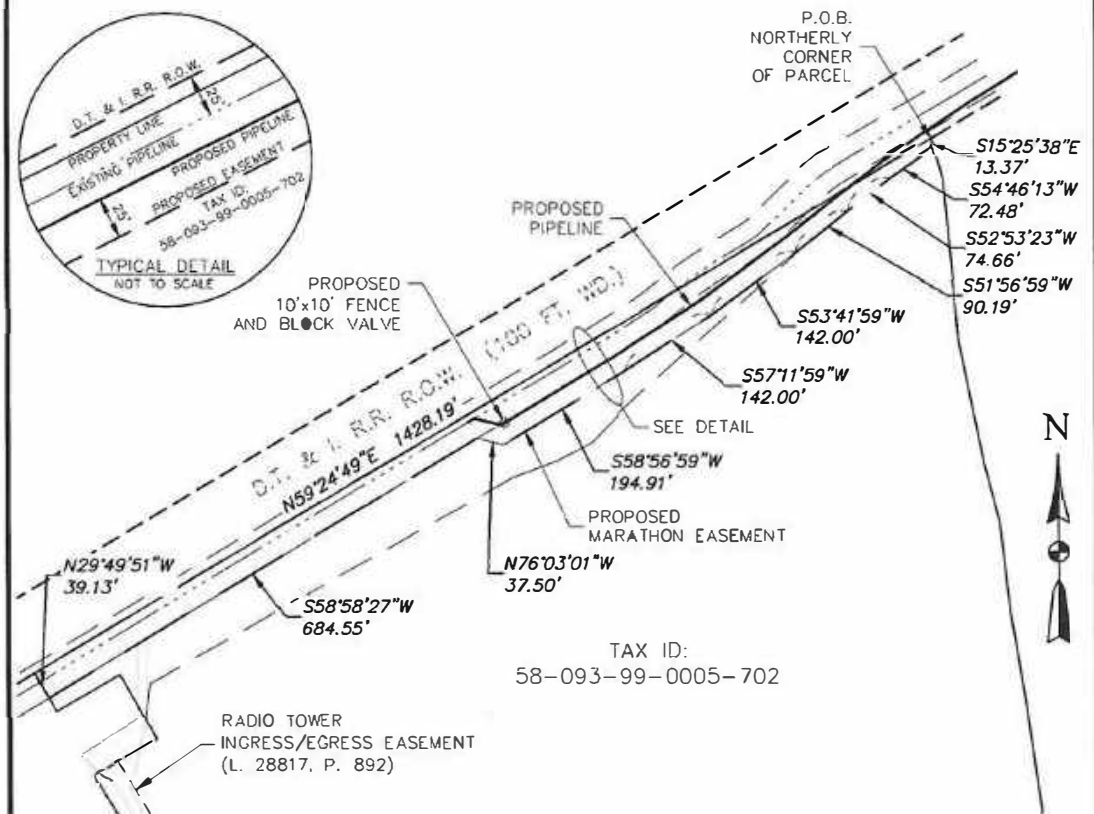
3. MARATHON EASEMENT AND PIPELINE ALIGNMENT SUBJECT TO CHANGE BASED UPON FINAL DESIGN AND CONSTRUCTION. INTENT OF EASEMENT IS TO FOLLOW AND ENCOMPASS PIPELINE AS INSTALLED.

Permanent Total ROW Width VARIES Ft.,
25' Left, 25' Right of Centerline
625' ± Length, 1.34 ± Acres
 Proposed Easement Area: 0.44 ± Acres
 Total Temporary Work Space: 1.39 ± Acres
 Permanent Access Road 1282' ± Length

SECTION: 31	CLIENT: MARATHON PIPE LINE	JOB: 1050-19-9301
TOWN/RANGE: 4S/10E	PROJECT: HURON HDD	DATE: 01-18-2021
CITY: FLAT ROCK	METRO CONSULTING ASSOCIATES Relationships Reputation Results 800.525.6016 www.metroca.net	REV.: 01-29-2021
COUNTY: WAYNE		REV.:
STATE: MICHIGAN	SCALE: 1" = 300'	BOOK/CREW:
		DRAWN BY: CSD
		CHECK BY: OW
		SHEET: 1 OF 4

1301-01-093-99-0005-702 7/8/2021 10:29 AM

EXHIBIT B
 WAYNE COUNTY, MICHIGAN
 TAX ID: 58-093-99-0005-702



PROPOSED MARATHON EASEMENT DESCRIPTION:

A proposed Variable Width Easement, being more particularly described as follows:

BEGINNING at the northerly corner of a parcel of land as described in Liber 11128, Page 614, as recorded in Wayne County Records, Wayne County, Michigan; thence S15°25'38"E 13.37 feet along the easterly line of said parcel; thence S54°46'13"W 72.48 feet; thence S52°53'23"W 74.66 feet; thence S51°56'59"W 90.19 feet; thence S53°41'59"W 142.00 feet; thence S57°11'59"W 142.00 feet; thence S58°56'59"W 194.91 feet; thence N76°03'01"W 37.50 feet; thence S58°58'27"W 684.55 feet to a point on the westerly line of said parcel; thence N29°49'51"W 39.13 feet along said westerly line of said parcel to a point on the northerly line of said parcel and the southerly right-of-way line of DT&I Railroad (100 feet wide); thence N59°24'49"E 1428.19 feet along said northerly line of said parcel and said southerly right-of-way line of DT&I Railroad to the Point of Beginning, containing 1.34 acres of land, more or less.

NOTES:

1. BEARING BASIS IS BASED UPON M183-SIF MICHIGAN STATE PLANE COORDINATES, SOUTH ZONE, INTERNATIONAL FOOT
2. CERTIFIED BOUNDARY SURVEY HAS NOT BEEN PERFORMED FOR SUBJECT PROPERTY. NO PROPERTY IRONS HAVE BEEN SET.
3. MARATHON EASEMENT AND PIPELINE ALIGNMENT SUBJECT TO CHANGE BASED UPON FINAL DESIGN AND CONSTRUCTION. INTENT OF EASEMENT IS TO FOLLOW AND ENCOMPASS PIPELINE AS INSTALLED.

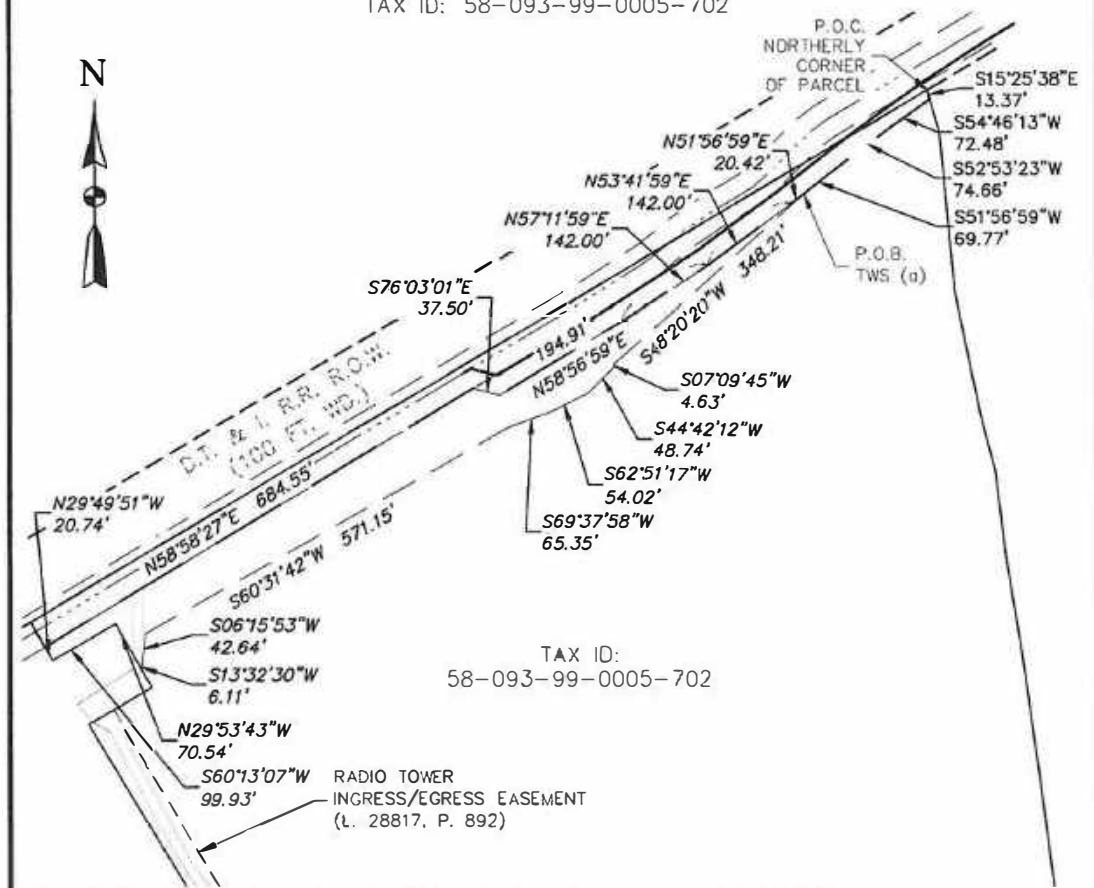
LEGEND:

	PROPERTY LINE
	PROPOSED PIPELINE
	PROPOSED MARATHON EASEMENT
	RIGHT-OF-WAY
	TEMPORARY WORKSPACE (TWS)
	POINT OF BEGINNING
	POINT OF COMMENCEMENT

SECTION: 31	CLIENT: MARATHON PIPE LINE	JOB: 1050-19-9301
TOWN/RANGE: 4S/10E		DATE: 01-18-2021
CITY: FLAT ROCK	PROJECT: HURON HDD	REV.: 01-29-2021
COUNTY: WAYNE		REV.:
STATE: MICHIGAN	METRO CONSULTING ASSOCIATES	BOOK/CREW:
	Relationships Reputation Results 800.525.6016 www.metroca.net	DRAWN BY: CSD
SCALE: 1" = 200'		CHECK BY: OW
		SHEET: 2 OF 4

5/31/21 10:29 AM DWG

EXHIBIT B
 WAYNE COUNTY, MICHIGAN
 TAX ID: 58-093-99-0005-702



TAX ID:
58-093-99-0005-702

PROPOSED TEMPORARY WORKSPACE EASEMENT (a) DESCRIPTION:

A proposed Variable Width Easement, being more particularly described as follows:

COMMENCING at the northerly corner of a parcel of land as described in Liber 11128, Page 614, as recorded in Wayne County Records, Wayne County, Michigan; thence S15°25'38"E 13.37 feet along the easterly line of said parcel; thence S54°46'13"W 72.48 feet; thence S52°53'23"W 74.66 feet; thence S51°56'59"W 69.77 feet to the POINT OF BEGINNING; thence S48°20'20"W 348.21 feet; thence S07°09'45"W 4.63 feet; thence S44°42'12"W 48.74 feet; thence S62°51'17"W 54.02 feet; thence S69°37'58"W 65.35 feet; thence S60°31'42"W 571.15 feet; thence S06°15'53"W 42.64 feet; thence S13°32'30"W 6.11 feet to a point on a westerly line of said parcel; thence N29°53'43"W 70.54 feet along said westerly line of said parcel to a point on a northerly line of said parcel; thence S60°13'07"W 99.93 feet along said northerly line of said parcel to a point on the westerly line of said parcel; thence N29°49'51"W 20.74 feet along said westerly line of said parcel; thence N58°58'27"E 684.55 feet; thence S76°03'01"E 37.50 feet; thence N58°56'59"E 194.91 feet; thence N57°11'59"E 142.00 feet; thence N53°41'59"E 142.00 feet; thence N51°56'59"E 20.42 feet to the Point of Beginning, containing 1.27 acres of land, more or less.

NOTES:

1. BEARING BASIS IS BASED UPON M183-SIF MICHIGAN STATE PLANE COORDINATES, SOUTH ZONE, INTERNATIONAL FOOT
2. CERTIFIED BOUNDARY SURVEY HAS NOT BEEN PERFORMED FOR SUBJECT PROPERTY. NO PROPERTY IRONS HAVE BEEN SET.
3. MARATHON EASEMENT AND PIPELINE ALIGNMENT SUBJECT TO CHANGE BASED UPON FINAL DESIGN AND CONSTRUCTION. INTENT OF EASEMENT IS TO FOLLOW AND ENCOMPASS PIPELINE AS INSTALLED.

LEGEND:

- PROPERTY LINE
- PROPOSED PIPELINE
- PROPOSED MARATHON EASEMENT
- RIGHT-OF-WAY
- TEMPORARY WORKSPACE (TWS)
- POINT OF BEGINNING
- POINT OF COMMENCEMENT

SECTION: 31
TOWN/RANGE: 4S/10E
CITY: FLAT ROCK
COUNTY: WAYNE
STATE: MICHIGAN

CLIENT: **MARATHON PIPE LINE**

PROJECT: **HURON HDD**

METRO CONSULTING ASSOCIATES
 Relationships | Reputation | Results
 800.525.6016 www.metroca.net

JOB: 1050-19-9301
DATE: 01-18-2021
REV.: 01-29-2021
REV.:
BOOK/CREW:
DRAWN BY: CSD
CHECK BY: OW
SHEET: 3 OF 4

1500-10-093-99-0005-702 2/24/2021 10:29 AM metroca

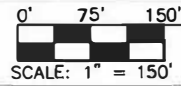
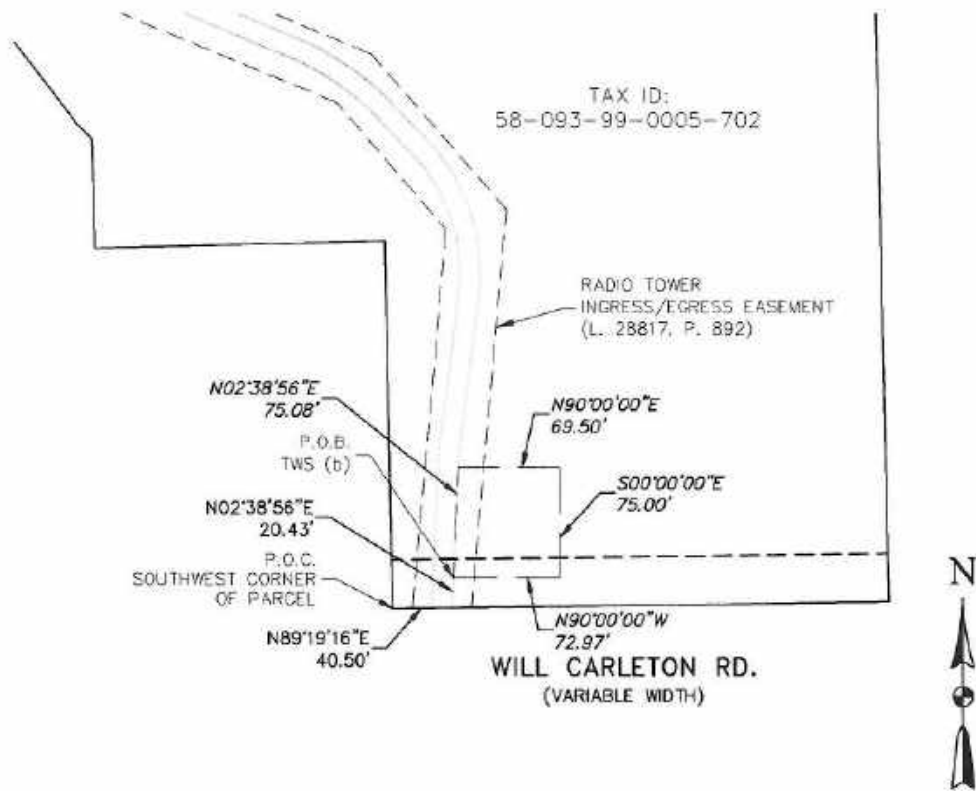


EXHIBIT B
 WAYNE COUNTY, MICHIGAN
 TAX ID: 58-093-99-0005-702



PROPOSED TEMPORARY WORKSPACE (b) EASEMENT DESCRIPTION:

A proposed Variable Width Easement, being more particularly described as follows:

COMMENCING at the southwest corner of a parcel of land as described in Liber 11128, Page 614, as recorded in Wayne County Records, Wayne County, Michigan; thence $N89^{\circ}19'16''E$ 40.50 feet along the southerly line of said parcel and centerline of Will Carleton Road (variable width); thence $N02^{\circ}38'56''E$ 20.43 feet to the **POINT OF BEGINNING**; thence continuing $N02^{\circ}38'56''E$ 75.08 feet; thence $N90^{\circ}00'00''E$ 69.50 feet; thence $S00^{\circ}00'00''E$ 75.00 feet; thence $N90^{\circ}00'00''W$ 72.97 feet to the Point of Beginning, containing 0.12 acres of land, more or less.

NOTES:

1. BEARING BASIS IS BASED UPON M183-SIF MICHIGAN STATE PLANE COORDINATES, SOUTH ZONE, INTERNATIONAL FOOT
2. CERTIFIED BOUNDARY SURVEY HAS NOT BEEN PERFORMED FOR SUBJECT PROPERTY. NO PROPERTY IRONS HAVE BEEN SET.
3. MARATHON EASEMENT AND PIPELINE ALIGNMENT SUBJECT TO CHANGE BASED UPON FINAL DESIGN AND CONSTRUCTION. INTENT OF EASEMENT IS TO FOLLOW AND ENCOMPASS PIPELINE AS INSTALLED.

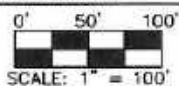
LEGEND:

- PROPERTY LINE
- PROPOSED PIPELINE
- PROPOSED MARATHON EASEMENT
- RIGHT-OF-WAY
- TEMPORARY WORKSPACE (TWS)
- P.O.B.
- P.O.C.
- POINT OF BEGINNING
- POINT OF COMMENCEMENT

SECTION: 31
TOWN/RANGE: 4S/10E
CITY: FLAT ROCK
COUNTY: WAYNE
STATE: MICHIGAN

CLIENT:	MARATHON PIPE LINE
PROJECT:	HURON HDD

JOB: 1050-19-9301
DATE: 01-18-2021
REV.: 01-29-2021
REV.:
BOOK/CREW:
DRAWN BY: CSD
CHECK BY: OW
SHEET: 4 OF 4



METRO CONSULTING ASSOCIATES
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 800.525.6016 www.metroca.net

5/21/2021 10:22 AM DWG

The Huron-Clinton Metropolitan Authority (**HCMA**) and MARATHON PIPE LINE LLC, (**MPL**) agree to certain restoration and mitigation efforts in relation to MPL's construction of its 16-inch Crude Oil pipeline, pursuant to that certain Easement for Pipeline granted by HCMA to MPL ("Easement"), as follows:

RESTORATION OF PARK LANDS IMPACTED BY CONSTRUCTION

Restoration of uplands within the pipeline easement and adjacent temporary workspaces:

MPL will utilize the attached seed mix (**Attachment A**) for upland non-residential restoration. This seed mix was developed by MPL and HCMA, specifically for restoration of Flat Rock Dam upland habitats. This mix is designed with the intention of providing habitat for native pollinator species of Michigan.

Restoration of wetlands within the pipeline easement and adjacent temporary workspaces:

MPL will utilize the attached seed mix (**Attachment B**) as approved by the Michigan Department of Environment, Great Lakes and Energy (**EGLE**). This seed mix was developed by Holland Engineering specifically for restoration of wetland habitats in Genesee and Oakland Counties impacted by pipeline construction. Please see attached seed document for more information.

ADDITIONAL RESTORATION OF PARK LANDS AS MITIGATION

Restoration of forested habitat within Flat Rock Dam:

Through MPL providing certain mutually agreed to funding, HCMA and MPL propose to mitigate for trees lost to construction activities through HCMA planting new Balled and Burlap (B&B) trees in highly visible recreation areas throughout the park. See attached proposal (**Attachment C**) for information on tree species selection. Additionally, HCMA staff agree to partner with MPL to design and install low-impact signage at the site of tree restorations to recognize MPL for its contribution to restoration.

MITIGATION OF ENVIRONMENTAL DAMAGE IN CONSTRUCTION AND MAINTENANCE

MPL agrees that their employees, contractors, and agents will observe the following best management and equipment decontamination practices during construction and maintenance activities pursuant to the Easement.

Mitigation of introduction and spread of invasive species at Flat Rock Dam:

For installation and construction activities, MPL will observe equipment wash process standards as presented in attached description (**Attachment D**). Additionally, MPL agrees that all equipment, vehicles, and staff clothing is to be cleaned of vegetative debris and excess soil prior to entering and upon exiting the Land (as that term is defined in the Easement).

MPL agrees that MPL or an approved contractor will be responsible for treatment and control of invasive species throughout the Easement for problematic species, including Common and Glossy Buckthorn, Phragmites Australis, Reed Canary Grass, Autumn Olive, Bush Honeysuckle, Oriental Bittersweet, Black and Pale Swallow-wort, Oregon Grape, Porcelain Berry, and Japanese Knotweed for a **period of five years beginning in 2023**.

MPL will use chemical and mechanical control for management of invasive species as mutually agreed by MPL and HCMA. These management activities will be conducted at times of the year when animals may not be present at the treatment locations (i.e., treating a wetland when animals have migrated to seasonal upland habitat) or when the animals have become inactive (i.e., during times when they are burrowed in the substrate hibernation). Chemical control of invasive species will be accomplished with foliar application of Glyphosate or Triclopyr products at recommended label rates. Mechanical control of invasive species will be accomplished through mowing or cutting with handheld power tools.

Observation of best practices regarding physical maintenance of the Easement at Flat Rock Dam:

MPL agrees, in recognition of sensitive habitats and species present within Flat Rock Dam, that the following best practices are to be observed in regard to maintenance of the vegetation within and immediately adjacent to the Easement.

- **Tree disease transmission protection:** MPL' employees, contractors, and agents will remove tree debris, excess sawdust, and other material that may have the potential to transmit tree diseases such as Oak Wilt, Beech Bark Disease, or other fungal blight disease prior to entering HCMA property for construction or maintenance activities.
- **Incidental damage to trees:** MPL' employees, contractors, and agents will take measures to reduce incidental damage to trees adjacent to the Easement. In the event **any tree** is damaged by equipment, the wound is to be immediately painted to prevent introduction of disease. If a tree is damaged to the extent where tree death is likely, MPL agrees to contact HCMA to arrange for full removal of the tree, and if mutually agreed to by HCMA and MPL, the replacement of the tree. If the temperature is predicted to exceed 45 degrees Fahrenheit, any cuts or damage on oak trees must be fully and evenly sealed.
- In managing vegetation within the Easement Area, MPL shall, to the extent reasonably practicable, follow industry best management practices as identified by the American National Standards Institute, including ANSI A300 Part 1 (Tree and shrub pruning) and ANSI A300 Part 7 (Integrated Vegetation Management). MPL shall, to the extent reasonably practicable, cause all work conducted in the Easement Area to be performed in a manner that is workmanlike and minimizes the spread of harmful diseases and invasive species. In line with the foregoing, MPL, to the extent reasonably practicable, shall clean or cause its contractors to clean equipment before working on HCMA property.

- Prior to conducting any work within the Easement Area, MPL shall notify HCMA of the type of work to be conducted and submit to HCMA a safety plan and all permits required to be obtained for such work as may be required by entities other than HCMA. MPL shall coordinate work within the Easement Area with HCMA.
- For the avoidance of doubt, MPL has no right to trim or remove any trees that are outside of the Easement Area except that MPL may trim that part of the branches of any tree to the extent that such branch extends over the Easement Area.
- **Timing of vegetation maintenance activities:** MPL agrees to inform HCMA of all planned maintenance activities at least thirty (30) days prior to work beginning. Additionally, MPL agrees that maintenance activities within the Easement shall occur within the following windows.
 - Tree trimming or removal: September-February as necessary
 - Shrub Removal: January-May, or August-December as necessary
 - Mowing of herbaceous habitats: November-February as necessary

However, notwithstanding the foregoing, MPL shall have the right to undertake any maintenance activity it deems necessary in any emergency or emergent circumstance or as may be required by the applicable rules, regulations, and/or codes promulgated by the Pipeline and Hazardous Materials Administration.

Threatened and Endangered Species. MPL acknowledges that the Easement Area is located within a sensitive biodiverse area and that the area may be the habitat of threatened or endangered species. MPL shall comply with all laws and permitting requirements relating to the protection of such species.

Mutual working agreement assurances:

HCMA and MPL agree that this Vegetation Management Plan will endure the life of the Easement. HCMA and MPL agree that changes to this plan may be adopted upon review and signature of the Chairman of the HCMA Board of Commissioners and authorized signatory of MPL.

Attachment A: Upland Habitat Restoration Seed Mix

CESagTrail-KensingtonPrk- SMW - 2020
Mesic-WM Pollinator Mix Summary
1/28/2020

Grasses, Sedges, Rushes, etc.	Common Name	PLS Oz/A	Total PLS Oz.	Seeds per sq. ft.	% by weight	% by native seeds
<i>Carex brevior</i>	Plains Oval Sedge	3.00	3.00	2.00	2.41%	3.99%
<i>Carex molesta</i>	Field Oval Sedge	3.00	3.00	1.72	2.41%	3.44%
<i>Elymus canadensis</i>	Canada Wild Rye	20.00	20.00	2.39	16.10%	4.77%
<i>Elymus virginicus</i>	Virginia Wild Rye	16.00	16.00	1.54	12.88%	3.08%
<i>Schizachyrium scoparium</i>	Little Bluestem	28.00	28.00	9.64	22.54%	19.25%
	Grasses Oz per Acre	70.00		Grasses sds/sq ft	Total	Total
	Grasses Lbs per Acre	4.38		17.29	56.34%	34.52%

Forbs, Shrubs, Vines, etc.	Common Name	PLS Oz/A	Total PLS Oz.	Seeds per sq. ft.	% by weight	% by native seeds
<i>Asclepias incarnata</i>	Swamp Milkweed	2.00	2.00	0.22	1.61%	0.44%
<i>Asclepias syriaca</i>	Common Milkweed	2.00	2.00	0.18	1.61%	0.37%
<i>Aster laevis</i>	Smooth Blue Aster	1.00	1.00	1.26	0.80%	2.52%
<i>Aster novae-angliae</i>	New England Aster	0.75	0.75	1.14	0.60%	2.27%
<i>Aster pilosus</i>	Frost Aster	0.75	0.75	2.41	0.50%	4.81%
<i>Cassia fasciculata (Chamaecrista f.)</i>	Partridge Pea	16.00	16.00	0.99	12.88%	1.98%
<i>Heliopsis helianthoides</i>	False sunflower	8.00	8.00	1.16	6.44%	2.31%
<i>Lespedeza capitata</i>	Round-headed Bush Clover	2.00	2.00	0.37	1.61%	0.73%
<i>Liatis spicata</i>	Marsh Blazingstar	3.00	3.00	0.76	2.41%	1.51%
<i>Monarda fistulosa</i>	Wild Bergamot	1.25	1.25	2.01	1.01%	4.01%
<i>Penstemon digitalis</i>	Foxglove Beardtongue	1.50	1.50	4.48	1.21%	8.94%
<i>Ratibida pinnata</i>	Yellow Coneflower	4.25	4.25	2.93	3.42%	5.84%
<i>Rudbeckia hirta</i>	Black-eyed Susan	5.00	5.00	10.56	4.02%	21.08%
<i>Solidago rigida</i>	Stiff Goldenrod	1.00	1.00	0.94	0.80%	1.88%
<i>Solidago speciosa</i>	Showy Goldenrod	0.75	0.75	1.64	0.60%	3.27%
<i>Vernonia missurica</i>	Missouri Ironweed	2.00	2.00	1.01	1.61%	2.02%
<i>Zizia aurea</i>	Golden Alexander	3.00	3.00	0.76	2.41%	1.51%
	Forbs Oz per Acre	54.25		Forbs sds/sq ft	Total	Total
	Forbs Lbs per Acre	3.39		32.80	43.66%	65.48%

Annuals, Temp Nurse Crop, etc.	Common Name	PLS Oz/A	Total PLS Oz.	Temp Seeds per sq. ft.
<i>Lolium multiflorum</i>	Annual Rye	80.00	80.00	24.79
<i>Avena sativa</i>	Seed Oats	240.00	240.00	5.51
	Temp Oz per Acre	320.00		Temp sds/sq ft
	Temp Lbs per Acre	20.00		30.30

Total PLS Lbs/Acre 'Natives'	7.77
Total Lbs/Acre 'ALL'	27.77

Total Acres	1.00
Total PLS Lbs 'Natives'	7.77
Total PLS Lbs 'ALL'	27.77

# of Native Grass Species	5
# of Native Forb Species	17
# of Temp Species	2

Mix 'Natives'	weight (lbs)	seeds/sq ft
Total per acre	7.77	50.10
% Forbs	43.66%	65.48%
% Grasses	56.34%	34.52%

Mix 'ALL'	weight (lbs)	seeds/sq ft
Total per acre	27.77	80.40
% Forb Spp	12.21%	40.80%
% Grass Spp	15.76%	21.51%
% Temp Spp	72.03%	37.69%

NOTE: Species subject to availability at time of order. All species to be adjusted to 100% PLS.



Native Connections
 17080 Hoshel Rd
 Three Rivers, MI 49093
www.nativeconnections.net

Attachment B: Wetland Habitat Restoration Seed Mix

Table 1-1: Emergent Seed Mix

Scientific Name	Common Name
<i>Acorus americanus</i>	Sweet flag
<i>Alisma subcordatum</i>	Common water plantain
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Bidens cernua</i>	Nodding bur marigold
<i>Carex comosa</i>	Bristly sedge
<i>Carex crinita</i>	Fringed sedge
<i>Carex hystericina</i>	Porcupine sedge
<i>Carex stipata</i>	Awl-fruited sedge
<i>Carex vulpinoidea</i>	Fox sedge
<i>Eleocharis palustris</i>	Great spike rush
<i>Epilobium coloratum</i>	Cinnamon willow herb
<i>Eupatorium maculatum</i>	Joe pye weed
<i>Eupatorium perfoliatum</i>	Boneset
<i>Eupatorium purpureum</i>	Sweet joe pye weed
<i>Glyceria canadensis</i>	Canada manna grass
<i>Helianthus giganteus</i>	Tall sunflower
<i>Iris virginica</i>	Southern blue flag iris
<i>Juncus effusus</i>	Soft rush
<i>Leersia oryzoides</i>	Rice cut grass
<i>Lobelia cardinalis</i>	Cardinal flower
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Minulus ringens</i>	Monkey flower
<i>Peltandra virginica</i>	Arrow Arum
<i>Rumex orbiculatus</i>	Great Water Dock
<i>Sagittaria latifolia</i>	Common Arrowhead/Duck Potato
<i>Scirpus acutus</i>	Hard-stem bulrush
<i>Scirpus cyperinus</i>	Wool grass
<i>Scirpus fluviatillis</i>	River bulrush
<i>Scirpus validus</i>	Soft-stem bulrush
<i>Scutellaria lateriflora</i>	Mad-dog skullcap
<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Sparganium eurycarpum</i>	Common bur reed
<i>Symphotrichum novae-angliae</i>	New England aster
<i>Symphotrichum puniceum</i>	Swamp aster

Scientific Name	Common Name
<i>Verbena hastata</i>	Blue vervain
<i>Zizia aurea</i>	Golden Alexander

Table 1-2: Prairie/Fen Seed Mix

Scientific Name	Common Name
<i>Allium cernuum</i>	Nodding wild onion
<i>Andropogon gerardii</i>	Big bluestem
<i>Angelica atropurpurea</i>	Great angelica
<i>Asclepias incarnata</i>	Swamp milkweed
<i>Calamagrostis canadensis</i>	Bluejoint grass
<i>Carex bebbii</i>	Bebb's oval sedge
<i>Carex vulpinoidea</i>	Fox sedge
<i>Cassia herbearpa</i>	Wild senna
<i>Coreopsis tripteris</i>	Tall coreopsis
<i>Desmodium canadense</i>	Showy tick trefoil
<i>Eupatorium purpureum</i>	Sweet joe pye weed
<i>Gentiana andrewsii</i>	Bottle gentian
<i>Gentianopsis crinita</i>	Bringed gentian
<i>Helenium autumnale</i>	Sneezeweed
<i>Heliopsis helianthoides</i>	False sunflower
<i>Hypericum pyramidatum</i>	Great St. John's wort
<i>Liatris spicata</i>	Marsh blazingstar
<i>Lobelia kalmii</i>	Kalm's lobelia
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lysimachia terrestris</i>	Swamp candles
<i>Lythum alatum</i>	Winged loosestrife
<i>Panicum virgatum</i>	Switchgrass
<i>Penstemon digitalis</i>	Foxglove beardtongue
<i>Physostegia virginiana</i>	Obedient plant
<i>Pyrola asarifolia</i>	Pink pyrola
<i>Ratibida pinnata</i>	Yellow coneflower
<i>Rudbeckia hirta</i>	Black-eyed Susan
<i>Rudbeckia triloba</i>	Brown-eyed Susan
<i>Scirpus cyperinus</i>	Wool grass
<i>Scrophularia lanceolata</i>	Early figwort
<i>Silphium terebinthinaceum</i>	Prairie dock
<i>Solidago ohioensis</i>	Ohio goldenrod

Scientific Name	Common Name
<i>Solidago riddellii</i>	Riddell's goldenrod
<i>Spartina pectinata</i>	Prairie cordgrass
<i>Thalictrum dasycarpum</i>	Purple meadow rue
<i>Verbena hastata</i>	Blue vervain
<i>Verbesina alternifolia</i>	Wingstem
<i>Veronicastrum virginicum</i>	Culver's root
<i>Zizia aurea</i>	Golden Alexander

Table 1-3: Shrub Species

Scientific Name	Common Name
<i>Alnus incana</i>	Speckled Alder
<i>Cephalanthus occidentalis</i>	Buttonbush
<i>Cornus amomum</i>	Silky Dogwood
<i>Cornus sericea</i>	Red Osier Dogwood
<i>Decodon verticillatus</i>	Swamp Loosestrife
<i>Lindera benzoin</i>	Spicebush
<i>Physocarpus opulifolius</i>	Ninebark
<i>Rosa palustris</i>	Swamp Rose
<i>Sambucus canadensis</i>	Elderberry
<i>Spiraea alba</i>	Meadowsweet
<i>Spiraea tomentosa</i>	Steeplebush
<i>Viburnum lentago</i>	Nannyberry

Attachment C: Restoration of Forested Habitat Plan

Tree Restoration for Flat Rock Dam to be provided by the following activities.

MPL will provide funding for:

- 25 trees at 2.50-3.00 “caliper of various species to be planted at several locations throughout Flat Rock Dam
 - Species to include:
 - Sugar Maple,
 - White Oak,
 - Honey Locust,
 - Ginko,
 - Horse Chesnut, or
 - comparable alternative
- Trees to be planted and maintained at various locations throughout Lower Huron, Willow, and Oakwoods Metroparks.
- Utilizing MFPA tree evaluation guide eleventh edition, and the tree care practices outline below, MPL will provide \$28,000.00 funding for the implementation of this plan.

Attachment D: MPL Equipment Decontamination Process

Equipment will be decontaminated before entering the Easement in accordance with the following best practices:

- Excess soil and vegetation or debris shall be removed from vehicle beds, tire treads, wheel arches, toolboxes, interior, and exterior of all vehicles prior to entering the easement
- Excessive soil and debris can be removed outside of easement by hand via broom, vacuum, leaf blower, air compressor, pressure washer or car wash.
- Workers entering the site shall remove excessive soil and debris from clothing and boots before entering site
- Workers shall follow decontamination process for any tools that will be transported to or utilized within the easement

Marathon Pipe Line LLC
CALCULATION WORKSHEET

RIGHT-OF-WAY

Length of Right-of-Way: 1,428 feet

Tract #: 58-093-99-0005-702

Right-of-Way Width: Variable feet

Tract Owner: Huron Clinto Metro Authority

Total Right-of-Way Area: 1.34 Acres

County of: Wayne Jurisdiction: Flat Rock

Property Value of Land Per Acre: \$20,000.00

Total Right-of-Way Cost: \$26,800

ADDITIONAL TEMPORARY WORKSPACE (ATWS)

Total ATWS: 1.39 Acres

Property Value of Land Per Acre: \$20,000.00

Total for Temporary Workspace: \$13,900.00 50% of Price Per Acre

Description of Payment	Total Amount
Right-of-Way	\$26,800.00
ATWS	\$13,900.00
Total:	\$40,700.00



Marathon Pipe Line LLC

539 South Main Street
Findlay, OH 45840
Telephone: (419) 422-2121

April 21st, 2021

Huron-Clinton Metropolitan Authority
13000 High Ridge Drive
Brighton, MI 48114

RE: Marathon Pipe Line LLC's Proposed Huron River HDD Project
Tract #: 58-093-99-0005-702
Wayne County, City of Flat Rock, State of Michigan

Dear Board of Commissioners,

Marathon Pipe Line LLC (MPL) is currently in the final stages of planning for a proposed project to Horizontal Directional Drill (HDD) its existing 16" Crude Oil Pipeline under the Huron River in the City of Flat Rock, MI. The existing pipeline lies across the Huron-Clinton Metropolitan Authority's (HCMA) property noted above as it traverses from MPL's Samaria Station in Monroe County to Marathon Petroleum Company LLC's Detroit Refinery.

Currently, MPL's 16" pipeline crosses HCMA's parcel by permit granted to The Buckeye Pipe Line Company on July 22nd, 1960 with said per permit being assigned to MPL on October 13th, 1977 following the sale of the pipeline system to MPL. In order to facilitate the proposed alterations to MPL's route across the property, to accommodate the desired temporary workspace needed to complete MPL's proposed project, and to update and define MPL's rights across the parcel, MPL hereby requests that the included Grant of Easement document be approved by the Board of Commissioners of the Huron-Clinton Metropolitan Authority at its earliest and most feasible meeting.

Enclosed for your review is MPL's Acquisition Packet. It contains the noted Grant of Easement document, with attached exhibits illustrating the proposed alterations to the pipeline route and the locations of the additional temporary workspace, and a W-9 Request for Taxpayer Identification Number and Certification Form. Finally, a calculation sheet is included that further defines the easement and temporary workspace areas in terms of acreage and a per acre value that concludes with MPL's compensation offer of \$40,700.00 for the Grant of Easement.

MPL further acknowledges that any re-seeding will be accomplished using a native plant mix as outlined by the HCMA.

Your time and consideration in this effort is greatly appreciated.

Sincerely,

Landon Morris
Advanced Right of Way Specialist
Marathon Pipe Line LLC



To: Board of Commissioners
From: Mike Henkel Chief of Engineering Services
Project Title: Approval – Washago Pond Area Restoration
Location: Willow Metropark
Date: September 3, 2021

Action Requested: Motion to Approve

That the Board of Commissioners approve staff to move forward with developing plans and specifications for the removal of the nonfunctioning control structure and for the restoration of the Pond area to a natural habitat as recommended by Chief of Engineering Services Mike Henkel and staff.

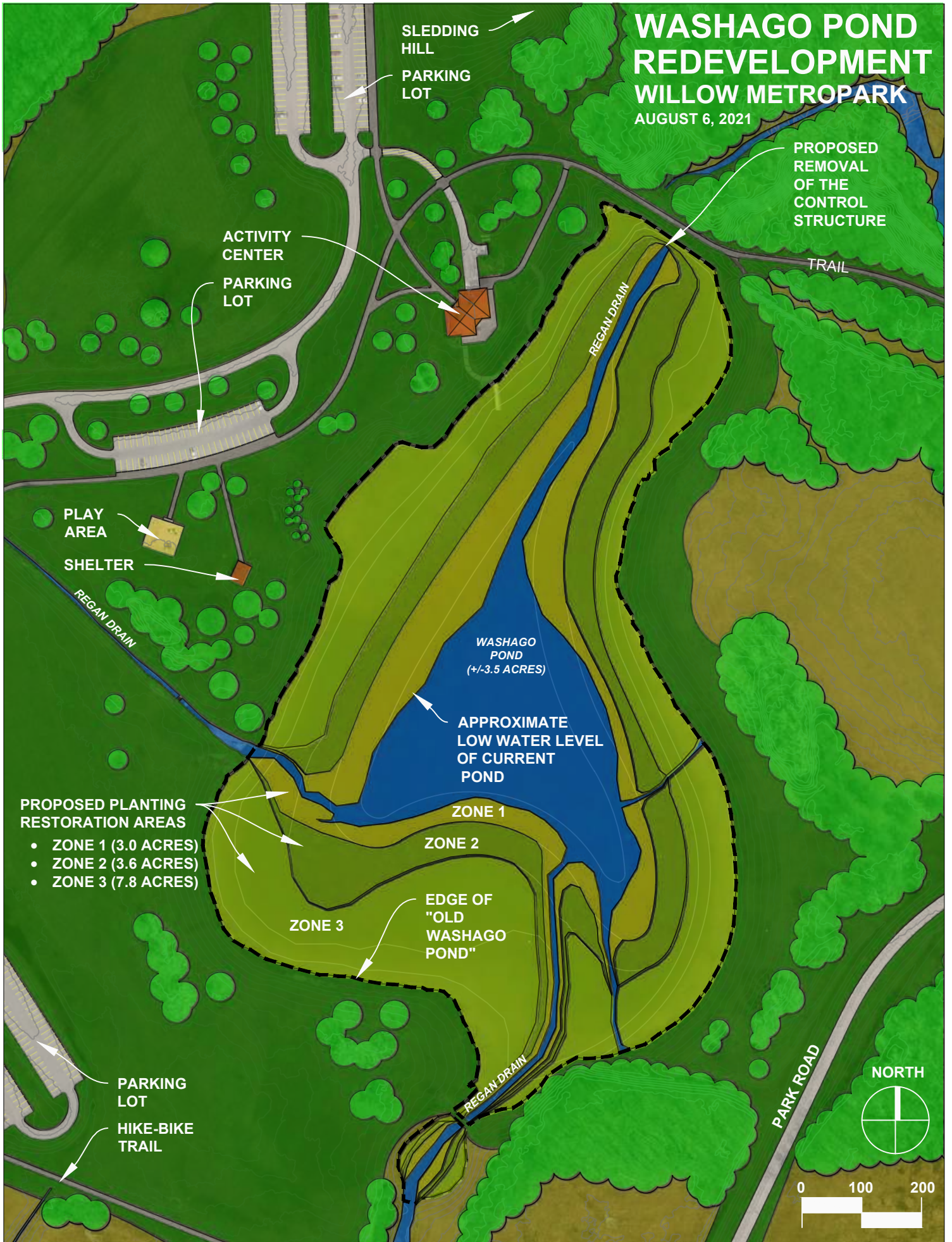
Background: In May, the corrugated metal control structure at the Washago Pond failed, which drained the pond.

The pond was originally constructed by the Metroparks and was finished in the early 90's. The dam and associated control structure were considered a low hazard and are regulated by the state of Michigan. Staff has been working with and updating the state as to the current condition of the site. In addition, staff has had conversations with Huron River Water Shed Council and has hired an environmental specialized firm to assess and give recommendations for the site. Those recommendations are still in process.

Currently, vegetation is growing in the area and plant species are being identified for possible inclusion in the proposed restoration. Further work will be necessary to limit invasive species and propagate desired plants. At present, the state has requested that the Metroparks provide engineering plans and specifications for a design for the area by Dec. 31, 2021 with construction to be completed by Oct. 31, 2022.

Attached is a concept which depicts the existing basin being restored to habitat.

Attachment: Concept Plan





To: Board of Commissioners
 From: Mike Henkel, Chief of Engineering Services
 Project No: 702-21-331
 Project Title: Bids – Pool Pump Conduit and Conductor Replacement
 Project Type: Major Maintenance
 Location: Lake St. Clair Metropark
 Date: September 3, 2021

Bids Opened: July 30, 2021 at 2:00 p.m.

Action Requested: Motion to Approve

That the Board of Commissioners (1) award Contract No. 702-21-331 to the low responsive, responsible bidder, J Rank Electric, Inc. in the amount of \$134,420.82; and (2) approve the transfer of \$134,420.82 from the Hudson Mills unallocated account to cover the cost of the project as recommended by Chief of Engineering Services Mike Henkel and staff.

Fiscal Impact: This is an unbudgeted Repair. Funding is available in the Hudson Mills unallocated account to cover the project cost of \$134,420.82.

Scope of Work: The work includes furnishing all labor and materials to install approximately 330 linear feet conduit and cables that run from the two pool submersible pumps within the pump pit to the control panel within the pool mechanical room that provide power to the seal failure and over-temperature monitoring systems, removal of the existing cables, concrete and replacement.

Background: The control wiring to the pool pumps has failed and is no longer in working order. The control wiring is faulty and in need of replacement. The project will also relocate the junction box connection which is in pump pit below the deck and has experience moisture issues in the past. Staff is looking to address this issue this fall once the pool closes and to complete the work before the 2022 season.

The pool was constructed in 1963.

	Contractor	City	Amount
1	J Ranck Electrical, Inc. DEI <input type="checkbox"/> Local <input type="checkbox"/> Wage <input type="checkbox"/>	Mt. Pleasant	\$134,420.82
2	Corby Energy Services DEI <input type="checkbox"/> Local <input type="checkbox"/> Wage <input type="checkbox"/>	Belleville	
	• <i>Non-Responsive</i>		

Budget for Contract Services	
- Hudson Mills Unallocated Account	\$134,420.82
Work Order Amount	
- Contract Amount J Ranck Electric Inc.	\$134,420.82
- Contract Administration	<u>\$ 6,000.00</u>
o Total Proposed Work Order Amount (Rounded)	\$140,421.00

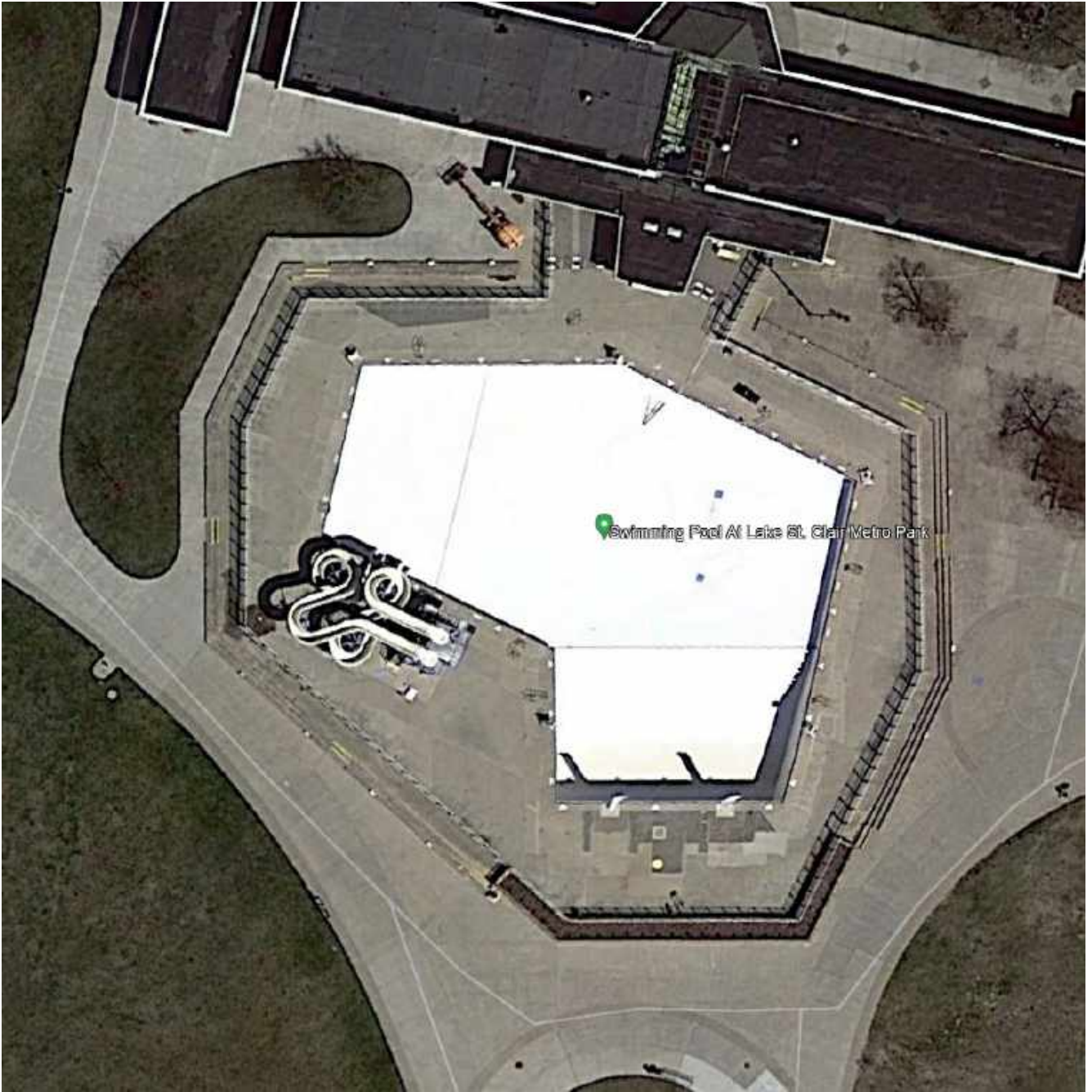
This project was reported and publicly advertised in the following construction reporting outlets: Michigan Inter-governmental trade network, MITN; Construction Association of Michigan, Construction Connect, Washtenaw Contractors Association, Builders Exchange of Lansing and Central Michigan.



Pump Controls and power



Pump Pit



Pool



To: Board of Commissioners
From: Amy McMillan, Director
Subject: Approval – Board Retreat Subcommittee Recommendation
Date: September 3, 2021

Background: A recommendation from the Board Retreat Subcommittee will be sent under separate cover prior to the Sept. 9 Board meeting.



To: Board of Commissioners
From: Shedreka Miller, Chief of Finance
Subject: Appointment – Pension Committee/Retiree Health Care Trust Board
Date: September 3, 2021

Action Requested: Motion to Approve Recommendation

That the Board of Commissioners appoint a new “at large” Board member to the Authority’s Pension Committee and Retiree Health Care Trust Board as requested Chief of Finance Shedreka Miller and staff.

Fiscal Impact: None

Background: There are seven (7) members required on the Pension Committee and the Retiree Health Care Trust Board. These members are listed in the plan documents as:

- Chairman of the Board of Commissioners
- Two (2) “at large” Board of Commissioners
- Metroparks Director
- POAM representative
- Employee Association representative
- Retiree representative

With the recent changes that have occurred in the Board of Commissioners, an “at large” Board of commissioner position is vacant. The term of service, once appointed, coincides with their service on the Board of Commissioners, up to a six-year term.

The next scheduled Pension Committee and Retiree Health Care Trust Board meeting will be held Nov. 11.



To: Board of Commissioners
From: Amy McMillan, Director
Subject: Board of Commissioners – Treasurer Appointment
Date: September 3, 2021

Requested Action: Motion to Elect Board Treasurer

That the Board of Commissioners elect Treasurer as required by the Metroparks Bylaws.

Background: With the departure of the current Treasurer, the Board of Commissioners must appoint a new member to serve in this capacity.

HURON-CLINTON METROPARKS MONTHLY STATISTICS

August, 2021

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	75,388	76,949	65,287	15%	\$ 183,080	\$ 257,504	\$ 210,060	-13%
Wolcott Mill	3,654	4,868	4,102	-11%	\$ 2,981	\$ 4,150	\$ 3,401	-12%
Stony Creek	93,529	104,815	90,845	3%	\$ 195,941	\$ 305,140	\$ 273,486	-28%
Indian Springs	14,015	15,345	14,015	0%	\$ 27,511	\$ 36,698	\$ 33,457	-18%
Kensington	85,493	112,282	102,890	-17%	\$ 195,833	\$ 372,035	\$ 311,524	-37%
Huron Meadows	13,988	15,384	13,699	2%	\$ 1,243	\$ 2,103	\$ 12,024	-90%
Hudson Mills	30,665	36,120	28,159	9%	\$ 44,874	\$ 72,509	\$ 58,063	-23%
Lower Huron/Willow/Oakwoods	69,752	62,183	64,233	9%	\$ 100,249	\$ 98,621	\$ 135,340	-26%
Lake Erie	25,893	25,661	24,608	5%	\$ 25,937	\$ 43,416	\$ 47,059	-45%
Monthly TOTALS	412,377	453,607	407,837	1%	\$ 777,649	\$ 1,192,176	\$ 1,084,414	-28%

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	410,917	414,717	346,043	19%	\$ 1,819,603	\$ 1,760,449	\$ 1,498,801	21%
Wolcott Mill	30,132	17,694	25,068	20%	\$ 26,936	\$ 11,295	\$ 39,095	-31%
Stony Creek	537,821	600,492	480,272	12%	\$ 2,450,232	\$ 2,751,143	\$ 2,231,034	10%
Indian Springs	78,340	81,167	69,835	12%	\$ 324,844	\$ 310,778	\$ 268,162	21%
Kensington	660,099	676,419	598,595	10%	\$ 2,724,811	\$ 2,772,987	\$ 2,377,817	15%
Huron Meadows	88,951	79,129	68,407	30%	\$ 53,259	\$ 28,961	\$ 45,596	17%
Hudson Mills	196,488	206,437	161,469	22%	\$ 529,668	\$ 545,119	\$ 442,803	20%
Lower Huron/Willow/Oakwoods	438,024	407,471	391,146	12%	\$ 805,592	\$ 723,503	\$ 815,368	-1%
Lake Erie	168,651	172,417	151,144	12%	\$ 516,733	\$ 554,164	\$ 519,357	-1%
Monthly TOTALS	2,609,423	2,655,943	2,291,978	14%	\$ 9,251,678	\$ 9,458,399	\$ 8,238,032	12%

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	\$ 362,337	\$ 328,264	\$ 302,347	20%	\$ 2,545,566	\$ 2,167,899	\$ 2,076,276	23%
Wolcott Mill	\$ 19,778	\$ 16,395	\$ 19,531	1%	\$ 110,988	\$ 66,319	\$ 149,662	-26%
Stony Creek	\$ 679,435	\$ 680,890	\$ 606,417	12%	\$ 4,495,339	\$ 4,288,503	\$ 3,671,148	22%
Indian Springs	\$ 238,751	\$ 228,117	\$ 199,346	20%	\$ 1,297,049	\$ 973,758	\$ 920,232	41%
Kensington	\$ 738,078	\$ 787,950	\$ 719,342	3%	\$ 4,997,107	\$ 4,230,778	\$ 4,016,362	24%
Huron Meadows	\$ 217,656	\$ 203,455	\$ 185,253	17%	\$ 1,065,927	\$ 711,075	\$ 724,735	47%
Hudson Mills	\$ 217,966	\$ 245,451	\$ 197,304	10%	\$ 1,254,921	\$ 1,101,621	\$ 956,833	31%
Lower Huron/Willow/Oakwoods	\$ 468,209	\$ 330,703	\$ 516,097	-9%	\$ 2,000,288	\$ 1,445,417	\$ 2,138,445	-6%
Lake Erie	\$ 245,125	\$ 260,834	\$ 272,782	-10%	\$ 1,523,113	\$ 1,309,029	\$ 1,410,182	8%
Y-T-D TOTALS	\$ 3,187,335	\$ 3,082,060	\$ 3,018,420	6%	\$ 19,290,298	\$ 16,294,399	\$ 16,063,874	20%

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	978,870	1,032,903	851,383	15%	7,151,893	6,522,722	5,897,086	21%
Western	1,023,878	1,043,152	898,306	14%	8,615,004	7,017,231	6,618,162	30%
Southern	606,675	579,888	542,289	12%	3,523,401	2,754,446	3,548,626	-1%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

August, 2021

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	6,615	7,114	6,695	-1%	\$ 235,688	\$ 233,309	\$ 209,918	12%
Indian Springs	6,467	6,178	5,293	22%	\$ 195,574	\$ 190,119	\$ 158,400	23%
Kensington	6,681	6,979	6,594	1%	\$ 222,046	\$ 238,704	\$ 209,948	6%
Huron Meadows	6,337	6,549	5,714	11%	\$ 214,923	\$ 200,902	\$ 173,075	24%
Hudson Mills	5,112	6,120	4,946	3%	\$ 144,135	\$ 150,354	\$ 118,188	22%
Willow	4,769	6,491	5,445	-12%	\$ 141,983	\$ 192,289	\$ 159,862	-11%
Lake Erie	6,098	6,339	5,372	14%	\$ 179,130	\$ 181,195	\$ 152,037	18%
Total Regulation	42,079	45,770	40,059	5%	\$ 1,333,479	\$ 1,386,872	\$ 1,181,429	13%
LSC Par 3	1,270	1,237	1,343	-5%	\$ 9,780	\$ 10,030	\$ 9,875	-1%
LSC Foot Golf	120	214	188	-36%	\$ 1,000	\$ 1,542	\$ 1,326	-25%
Total Golf	43,469	47,221	41,590	5%	\$ 1,344,259	\$ 1,398,444	\$ 1,192,630	13%

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	29,561	25,235	24,077	23%	\$ 1,031,290	\$ 809,923	\$ 771,734	34%
Indian Springs	27,363	20,720	19,757	38%	\$ 855,129	\$ 630,375	\$ 587,526	46%
Kensington	31,816	25,764	25,609	24%	\$ 1,036,204	\$ 814,589	\$ 794,566	30%
Huron Meadows	27,112	22,187	21,538	26%	\$ 949,656	\$ 654,473	\$ 651,797	46%
Hudson Mills	23,252	19,726	17,703	31%	\$ 623,954	\$ 475,440	\$ 422,742	48%
Willow	22,676	20,411	17,857	27%	\$ 686,484	\$ 593,123	\$ 519,607	32%
Lake Erie	26,935	21,309	20,054	34%	\$ 803,925	\$ 579,165	\$ 554,409	45%
Total Regulation	188,715	155,352	146,595	29%	\$ 5,986,643	\$ 4,557,088	\$ 4,302,381	39%
LSC Par 3	5,153	5,456	5,264	-2%	\$ 43,670	\$ 44,760	\$ 37,839	15%
LSC Foot Golf	569	586	516	10%	\$ 4,388	\$ 4,540	\$ 3,541	24%
Total Golf	194,437	161,394	152,376	28%	\$ 6,034,701	\$ 4,606,388	\$ 4,343,760	39%

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	18,271	5,212	9,457	93%	\$ 91,477	\$ 20,791	\$ 45,398	101%
Stony Creek Rip Slide	8,884	0	4,867	83%	\$ 51,148	\$ -	\$ 26,691	92%
KMP Splash	19,276	11,616	12,304	57%	\$ 130,939	\$ 46,229	\$ 68,130	92%
Lower Huron	18,566	0	16,622	12%	\$ 174,690	\$ -	\$ 180,321	-3%
Willow	7,751	3,988	3,952	96%	\$ 32,813	\$ 17,850	\$ 18,161	81%
Lake Erie	0	0	5,056	-	\$ -	\$ -	\$ 40,569	-
TOTALS	72,748	20,816	52,258	39%	\$ 481,066	\$ 84,870	\$ 379,271	27%

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	47,643	11,554	33,406	43%	\$ 225,249	\$ 46,457	\$ 162,998	38%
Stony Creek Rip Slide	27,987	0	15,787	77%	\$ 155,402	\$ -	\$ 81,653	90%
KMP Splash	52,050	36,027	39,183	33%	\$ 323,094	\$ 147,765	\$ 225,239	43%
Lower Huron	31,624	0	57,181	-45%	\$ 305,125	\$ -	\$ 614,631	-50%
Willow	20,160	9,173	15,516	30%	\$ 86,875	\$ 40,885	\$ 71,102	22%
Lake Erie	0	0	21,255	-	\$ -	\$ 75	\$ 168,972	-
TOTALS	179,464	56,754	182,329	-2%	\$ 1,095,746	\$ 235,182	\$ 1,324,596	-17%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

August, 2021

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
Lake St. Clair								
Welsh Center	6	3	3	125%	\$ 11,800	\$ 4,500	\$ 2,833	316%
Shelters	38	41	32	20%	\$ 10,900	\$ 9,465	\$ 7,808	40%
Boat Launches	1,585	2,368	1,509	5%	\$ -	\$ -	\$ -	-
Marina	342	378	548	-38%	\$ 3,778	\$ 4,276	\$ 4,144	-9%
Mini-Golf	3,114	2,363	2,811	11%	\$ 14,417	\$ 11,295	\$ 10,770	34%
Wolcott								
Activity Center	4	0	5	-20%	\$ 1,850	\$ -	\$ 2,000	-8%
Stony Creek								
Disc Golf Daily	2,012	2,620	2,096	-4%	\$ 6,828	\$ 8,917	\$ 6,851	0%
Disc Golf Annual	1	2	1	50%	\$ 60	\$ 120	\$ 40	50%
Total Disc Golf	2,013	2,622	2,097	-4%	\$ 6,888	\$ 9,037	\$ 6,891	0%
Shelters	52	59	42	25%	\$ 11,700	\$ 13,275	\$ 9,350	25%
Boat Rental	4,986	7,615	5,424	-8%	\$ 52,493	\$ 77,917	\$ 55,811	-6%
Boat Launches	14	113	122	-88%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	6	10	6	0%	\$ 1,000	\$ 1,300	\$ 883	13%
Event Room	5	0	3	50%	\$ 14,500	\$ -	\$ 5,333	172%
Kensington								
Disc Golf Daily	2,759	3,875	3,024	-9%	\$ 8,383	\$ 11,625	\$ 9,071	-8%
Disc Golf Annual	1	1	1	0%	\$ 60	\$ 60	\$ 58	3%
Total Disc Golf	2,760	3,876	3,025	-9%	\$ 8,443	\$ 11,685	\$ 9,129	-8%
Shelters	58	78	53	9%	\$ 11,300	\$ 15,643	\$ 11,589	-2%
Boat Rental	4,202	7,234	5,514	-24%	\$ 71,431	\$ 88,138	\$ 69,633	3%
Huron Meadows								
Shelters	9	3	1	800%	\$ 1,500	\$ 450	\$ 150	900%
Hudson Mills								
Disc Golf Daily	1,142	1,305	951	20%	\$ 1,142	\$ 3,915	\$ 2,854	-60%
Disc Golf Annual	1	2	1	0%	\$ 60	\$ 120	\$ 60	0%
Total Disc Golf	1,143	1,307	952	20%	\$ 1,202	\$ 4,035	\$ 2,914	-59%
Shelters	11	13	10	10%	\$ 2,400	\$ 1,750	\$ 1,717	40%
Canoe Rental	3,702	3,382	2,805	32%	\$ 20,789	\$ 15,631	\$ 14,120	47%
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	130	255	225	-42%	\$ 390	\$ 765	\$ 675	-42%
Disc Golf Annual	0	0	0	-	\$ -	\$ -	\$ 18	-
Total Disc Golf	130	255	225	-42%	\$ 390	\$ 765	\$ 693	-44%
Shelters	43	38	29	48%	\$ 8,550	\$ 8,050	\$ 6,300	36%
Lake Erie								
Shelters	5	8	8	-35%	\$ 1,200	\$ 1,550	\$ 1,683	-29%
Boat Launches	1,867	2,215	1,943	-4%	\$ -	\$ -	\$ -	-
Marina	0	0	156	-	\$ 38,278	\$ 34,673	\$ 30,021	28%

HURON-CLINTON METROPARKS MONTHLY STATISTICS

August, 2021

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
Lake St. Clair								
Welsh Center	31	16	37	-15%	\$ 58,500	\$ 22,200	\$ 31,292	87%
Shelters	417	287	273	53%	\$ 88,170	\$ 64,419	\$ 66,471	33%
Boat Launches	6,309	9,191	5,278	20%	\$ -	\$ -	\$ -	-
Marina	1,147	1,332	1,557	-26%	\$ 17,343	\$ 14,221	\$ 15,748	10%
Mini-Golf	8,304	6,193	7,519	10%	\$ 38,211	\$ 27,082	\$ 28,752	33%
Wolcott								
Activity Center	10	22	41	-75%	\$ 9,075	\$ 6,000	\$ 13,043	-30%
Stony Creek								
Disc Golf Daily	10,847	11,757	10,088	8%	\$ 44,368	\$ 39,368	\$ 33,488	32%
Disc Annual	122	43	83	47%	\$ 7,120	\$ 2,560	\$ 4,670	52%
Total Disc Golf	10,969	11,800	10,171	8%	\$ 51,488	\$ 41,928	\$ 38,158	35%
Shelters	513	345	346	48%	\$ 115,194	\$ 77,351	\$ 77,825	48%
Boat Rental	17,692	29,206	19,788	-11%	\$ 207,070	\$ 280,443	\$ 198,903	4%
Boat Launches	376	838	757	-50%	\$ -	\$ -	\$ -	-
Indian Springs								
Shelters	84	49	52	63%	\$ 11,250	\$ 5,876	\$ 7,500	50%
Event Room	36	12	24	50%	\$ 91,100	\$ 22,000	\$ 41,000	122%
Kensington								
Disc Golf Daily	23,531	19,869	16,440	43%	\$ 81,752	\$ 66,239	\$ 54,210	51%
Disc Annual	341	179	177	92%	\$ 19,900	\$ 10,560	\$ 10,120	97%
Total Disc Golf	23,872	20,048	16,618	44%	\$ 101,652	\$ 76,799	\$ 64,330	58%
Shelters	567	444	430	32%	\$ 119,997	\$ 91,651	\$ 94,379	27%
Boat Rental	13,707	21,617	17,965	-24%	\$ 238,835	\$ 246,167	\$ 220,775	8%
Huron Meadows								
Shelters	58	32	27	112%	\$ 9,700	\$ 5,250	\$ 5,083	91%
Hudson Mills								
Disc Golf Daily	7,726	6,193	5,273	47%	\$ 20,894	\$ 18,579	\$ 15,820	32%
Disc Annual	90	167	153	-41%	\$ 5,280	\$ 9,820	\$ 8,728	-40%
Total Disc Golf	7,816	6,360	5,427	44%	\$ 26,174	\$ 28,399	\$ 24,548	7%
Shelters	143	59	74	93%	\$ 25,400	\$ 9,300	\$ 14,433	76%
Canoe Rental	11,213	9,895	7,792	44%	\$ 34,572	\$ 30,910	\$ 23,956	44%
Lower Huron / Willow / Oakwoods								
Disc Golf Daily	1,417	1,148	997	42%	\$ 4,257	\$ 3,444	\$ 2,995	42%
Disc Annual	9	6	10	-7%	\$ 500	\$ 340	\$ 533	-6%
Total Disc Golf	1,426	1,154	1,007	42%	\$ 4,757	\$ 3,784	\$ 3,528	35%
Shelters	443	202	240	84%	\$ 79,375	\$ 41,275	\$ 51,608	54%
Lake Erie								
Shelters	83	49	60	38%	\$ 17,700	\$ 10,350	\$ 13,050	36%
Boat Launches	11,072	14,392	13,414	-17%	\$ -	\$ -	\$ -	-
Marina	0	0	658	-	\$ 192,007	\$ 167,113	\$ 147,187	30%

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	15,574	17,500	18,291	-15%	109,466	110,630	118,018	-7%
Wolcott Mill	4,530	1,766	2,649	71%	36,105	9,738	19,389	86%
Wolcott Farm	8,328	5,868	6,238	33%	36,627	15,104	29,940	22%
Stony Creek	22,088	20,293	20,731	7%	150,782	129,201	136,654	10%
Eastern Mobile Center	910	0	406	124%	2,797	1,072	3,718	-25%
Indian Springs	6,560	5,835	6,730	-3%	33,448	39,414	41,638	-20%
Kens NC	26,121	37,665	31,556	-17%	259,793	272,216	243,288	7%
Kens Farm	5,905	29,724	22,266	-73%	174,179	112,696	157,252	11%
Western Mobile Center	217	0	253	-14%	2,648	1,954	4,081	-35%
Hudson Mills	3,538	3,500	3,558	-1%	24,757	23,311	25,584	-3%
Oakwoods	13,678	16,101	15,293	-11%	99,421	116,157	105,825	-6%
Lake Erie	15,497	17,475	16,633	-7%	130,787	133,574	122,940	6%
Southern Mobile Center	1,271	0	482	164%	4,591	1,910	5,746	-20%
Totals	124,217	155,727	145,086	-14%	1,065,401	966,977	1,014,074	5%

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	\$ 1,573	\$ -	\$ 1,149	37%	\$ 4,489	\$ 6,237	\$ 14,868	-70%
Wolcott Mill	\$ 49	\$ -	\$ 270	-82%	\$ 3,513	\$ 845	\$ 6,288	-44%
Wolcott Farm	\$ 3,184	\$ -	\$ 1,384	130%	\$ 7,557	\$ 2,444	\$ 35,660	-79%
Wagon Rides	\$ -	\$ -	\$ 146	-	\$ -	\$ -	\$ 2,317	-
Livestock/Produce	\$ 10,371	\$ 8,443	\$ 8,019	29%	\$ 35,632	\$ 25,216	\$ 29,981	19%
FARM TOTAL	\$ 13,555	\$ 8,443	\$ 9,550	42%	\$ 43,189	\$ 27,660	\$ 67,958	-36%
Stony Creek	\$ 439	\$ -	\$ 572	-23%	\$ 3,904	\$ 3,681	\$ 11,869	-67%
Eastern Mobile Center	\$ 325	\$ -	\$ 333	-2%	\$ 1,400	\$ 3,013	\$ 8,396	-83%
Indian Springs	\$ 166	\$ -	\$ 1,108	-85%	\$ 3,754	\$ 4,728	\$ 15,359	-76%
Kens NC	\$ 956	\$ -	\$ 1,769	-46%	\$ 8,049	\$ 4,000	\$ 17,467	-54%
Kens Farm	\$ 1,274	\$ 670	\$ 2,836	-55%	\$ 26,363	\$ 14,423	\$ 38,751	-32%
Wagon Rides	\$ -	\$ -	\$ 1,672	-	\$ 2,096	\$ 3,451	\$ 10,134	-79%
Livestock/Produce	\$ 2,541	\$ 2,469	\$ 1,101	131%	\$ 3,481	\$ 3,815	\$ 3,353	4%
FARM TOTAL	\$ 3,815	\$ 3,139	\$ 5,609	-32%	\$ 31,941	\$ 21,689	\$ 52,238	-39%
Western Mobile Center	\$ 650	\$ -	\$ 1,183	-45%	\$ 2,474	\$ 4,050	\$ 11,510	-79%
Hudson Mills	\$ 225	\$ -	\$ 381	-41%	\$ 7,425	\$ 1,562	\$ 7,447	0%
Oakwoods	\$ 478	\$ -	\$ 563	-15%	\$ 3,362	\$ 1,763	\$ 10,186	-67%
Lake Erie	\$ 580	\$ -	\$ 420	38%	\$ 2,923	\$ 1,168	\$ 5,534	-47%
Southern Mobile Center	\$ -	\$ -	\$ 663	-	\$ -	\$ 6,045	\$ 10,818	-
Totals	\$ 22,811	\$ 11,582	\$ 23,571	-3%	\$ 116,424	\$ 86,441	\$ 239,939	-51%

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	23	1,043	-	-	-	-	-	-
Wolcott Mill	-	-	-	-	-	-	-	-
Wolcott Farm	31	244	-	-	7	3,500	-	-
Stony Creek	8	88	40	193	-	-	-	-
Eastern Mobile Center					13	910	-	-
Indian Springs	6	60	-	-	-	-	-	-
Kens NC	10	213	-	-	-	-	-	-
Kens Farm	9	103	-	-	-	-	-	-
Western Mobile Center					11	217	-	-
Hudson Mills	3	38	-	-	-	-	-	-
Oakwoods	20	322	-	-	12	554	-	-
Lake Erie	18	121	-	-	1	46	-	-
Southern Mobile Center					31	1,271	-	-
Totals	128	2,232	40	193	75	6,498	-	-

BREAKDOWN OF ATTENDANCE	OTHER VISITORS (Non-programs)	
	Current	Previous
Lake St Clair	14,531	17,500
Wolcott Mill	4,530	1,766
Wolcott Farm	4,584	5,868
Stony Creek	22,000	20,100
Indian Springs	6,500	5,835
Kens NC	25,908	37,665
Kens Farm	5,802	29,724
Hudson Mills	3,500	3,500
Oakwoods	12,802	16,101
Lake Erie	15,330	17,475
Totals	115,487	155,534

"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.