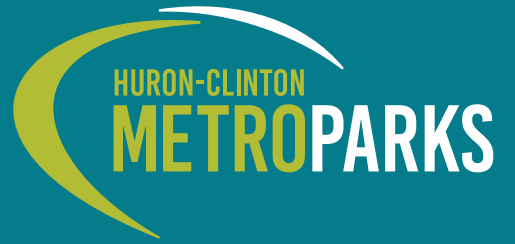


DELHI METROPARK MASTER PLAN



5 Year Update to 2018 - 2028

DRAFT



DEXTER-HURON METROPARK MASTER PLAN



5 Year Update to 2018 - 2028

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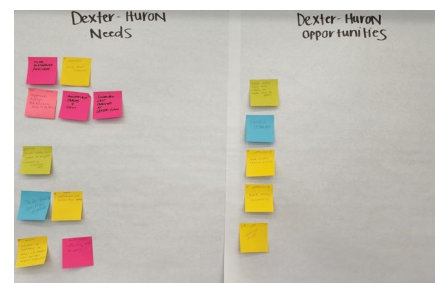
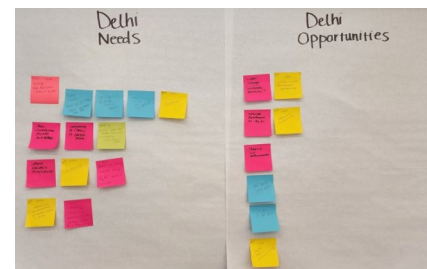
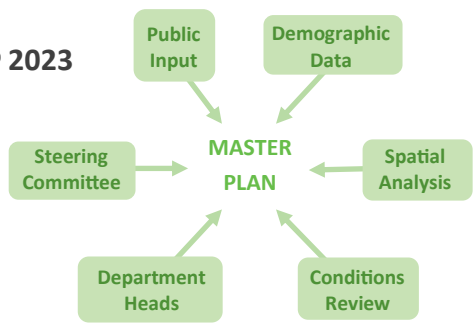
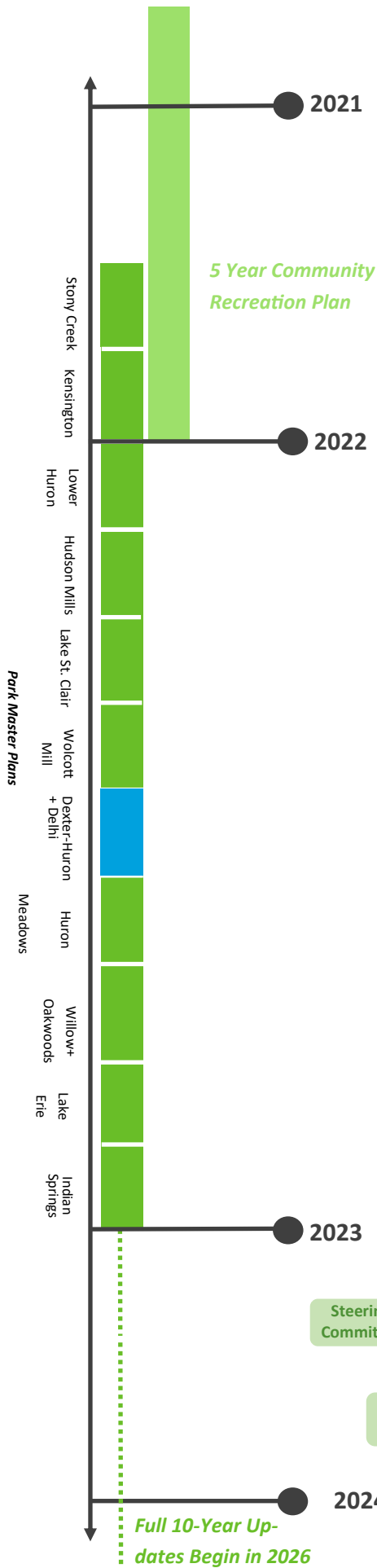
Introduction

Planning Process

The five-year update is an opportunity for each of the 13 Metroparks to review their master plan and make sure it is still relevant. This review includes 1) major changes to facilities, infrastructure and programming in the park; 2) updated needs and opportunities; 3) completed action items; and 4) any new actions necessary to implement the goals and policies for the park. One of the most important components is the public input collected through meetings, questionnaires, and online comments, all of which influence plan recommendations. A master plan steering committee was formed to include park employees with exceptional knowledge of Dexter-Huron/ Delhi and surrounding community who, along with the experienced Metroparks administrative department heads provided their professional opinions.

The Planning and Development Department also included updates to the demographic and spatial data to inform recommendations. Demographic data looks at the density, age, income, language, and other factors of the regional population. Spatial data, usually analyzed through Geographic Information System (GIS) software, looks at the physical location of the parks in relation to other recreation opportunities, transportation facilities, population centers, important natural resources, and more. Finally, the planning staff conducted a review of park conditions to identify areas needing improvement and areas experiencing success.

The master plans are intended to be living documents, modified as needed to reflect changing conditions in the parks with this review every five years. However, they focus on park developments over ten years, and will be updated through a more comprehensive planning process at the end of the planning horizon.



The Steering Committee met on 07/27/2022

REVENUE

Revenue Sources

2021 Operations Revenue

Revenue Source	2021 Total \$	% of Revenue
Tolling	675,070.95	40.8%
Golf	794,349.84	48.0%
Disc Golf	34,778.26	2.1%
Boat Rental	67,578.48	4.1%
Special Events	4,339.73	0.3%
Shelter Reservations	28,134.82	1.7%
Group Camp	3,866.17	0.2%
Cross Country Ski	90.00	0.0%
Interpretive	9,300.00	0.6%
Intergovernmental	3,121.07	0.2%
Miscellaneous	35,075.67	2.1%
	\$1,655,704.00	100%

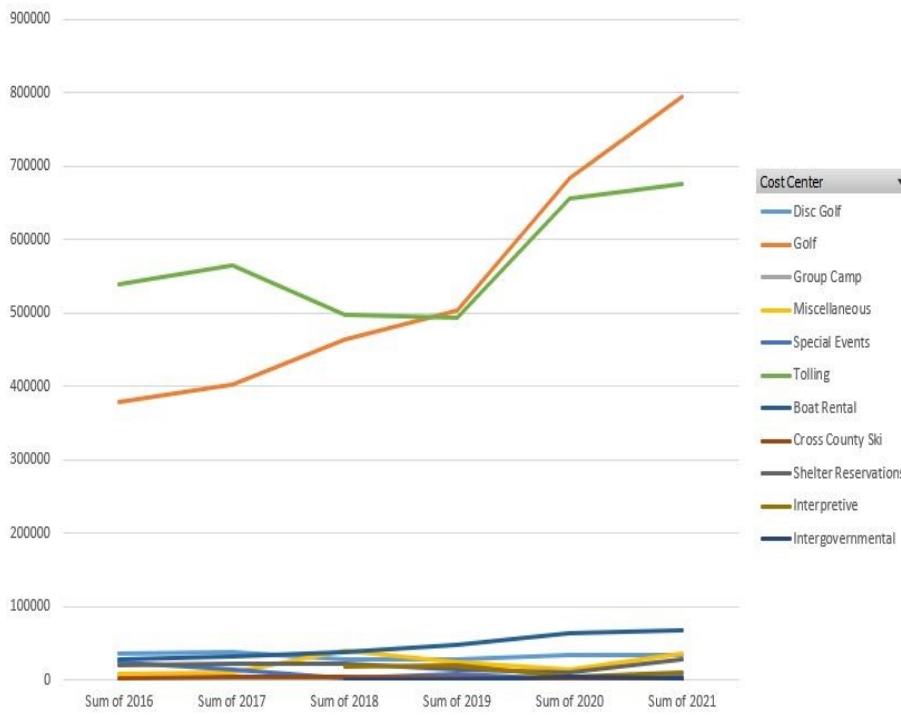
NEEDS

Diversify sources of revenue

Offer new and exciting activities/ programs to visitors to both boost tolling and gather user fees

OPPORTUNITIES

REVENUE TRENDS 2016-2021—Hudson Mills, Dexter-Huron, Delhi



The Metroparks 2021 General Fund revenue equaled \$59,729,968. The 2021 operations revenue for Hudson Mills was approximately \$1,655,704, comprising 2.7% of all Metroparks revenue.

As the chart illustrates, nearly all Hudson Mills revenue comes from park entrance tolling and golf.

Hudson Mills, Dexter-Huron, and Delhi are considered together in the budgeting process, and the budgeted 2022 operations revenues for the three parks are \$1,478,429, while estimated 2022 operations expenses are \$2,984,416. Property tax and other revenue will subsidize 50.5% (\$1,505,987) of the parks' operating budget.

*2021 Operations Revenue was irregular due to the COVID pandemic.

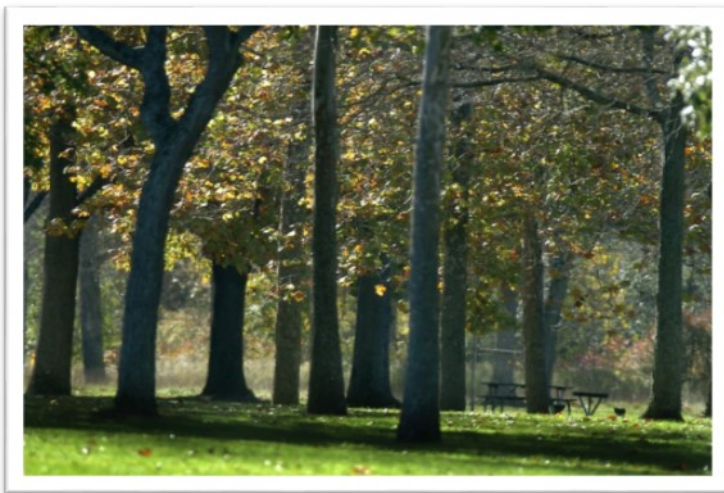
Revenue

Visitors

Dexter-Huron and Delhi Metropark are regional parks and can draw from the approximately 1,900,000 Michigan residents that live within a 30 mile radius (approximately a 45-minute drive) of them. Certain events and activities may draw visitors from greater distances.

Vehicle entries are combined for Hudson Mills, Dexter-Huron and Delhi Metroparks, and have hovered between 200,000 and 300,000 since 2016. Record entries of 299,492 were recorded in 2020, fluctuating through the years but overall moderately growing. Planning staff facilitated a data collection initiative in July and August 2018 to record visitors entering the park using a motor vehicle. Over three days, each visitor was asked to provide the number of persons per vehicle (PPV), whether the car used an annual pass and whether the visitor/s had a dog with them.

Consolidation of statistical information is needed to better assess vehicle entries, park users, event attendance, event participants and activity participation within the park. This information will help with marketing of events, activities and future analysis of the park.



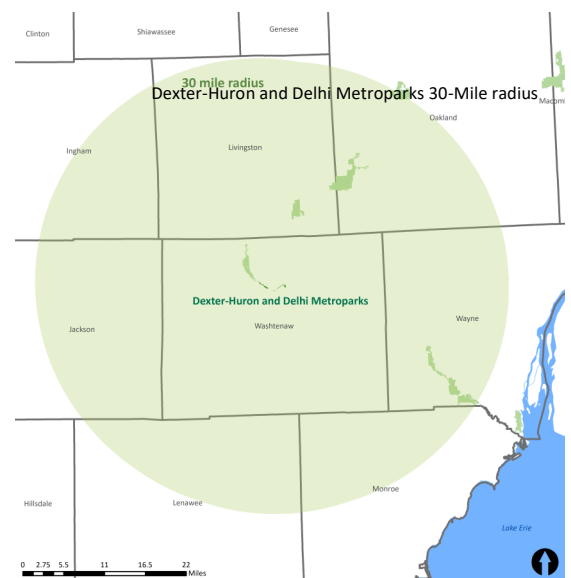
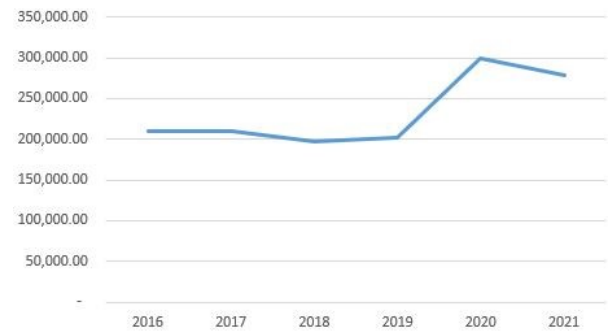
NEEDS

Target market strategy

Take advantage of proximity to urban population to grow revenue and system awareness

OPPORTUNITIES

VEHICLE ENTRIES 2016-2021



Programs & Events



Dexter-Huron and Delhi combined with Hudson Mills hosts dozens of events each year, organized either by park staff or outside groups. Many of these are interpretive programs for both children and adults to explore the natural and cultural assets of the park. Some promote artistic enrichment and others encourage physical activity or advocate for a cause. The significance of the Huron River with Michigan’s first residents-both Native and European is an important component in the parks for providing context to many of the interpretive programs for visitors.

NEEDS

Increase revenue and visitation

Build on enthusiasm of Kensington visitors with exciting, engaging programs and events

OPPORTUNITIES

2022 Integrated Marketing Plan

Educational and public programs looked much different than “average” in 2020. Staff adjusted to ever-changing situations of the pandemic to continue serving visitors on multiple platforms using virtual and hybrid programs, as well as small-group, in person, outdoor programs. These new practices will carry over into 2022 and staff will continue working collaboratively to provide exciting new experiences for the Hudson Mills communities in ways that are safe and engaging.

2020-2022 Recreation Programming Plan

In 2022, the Metroparks amended the 2020-2022 Community Recreation Plan to include a Recreation Programming Plan.

An important element of programming is accessibility and ensuring all programs, events, and services are compliant with the American Disability Act (ADA) requirements.

To achieve this, the Metroparks has begun self-evaluation of all programming and services offered by each department. Each program was categorized into groups of similar activities (e.g. programs, events, activities) and will then be analyzed each activity in terms of vision, hearing, and mobility barriers



COMMUNITY INFLUENCES

Population

The Metroparks were created at the time of the auto boom, when it was assumed that every family would have a car to take out to the countryside on the weekends. Since habits and lifestyles are changing, the Metroparks must look into innovative ways to provide access to the parks for all.

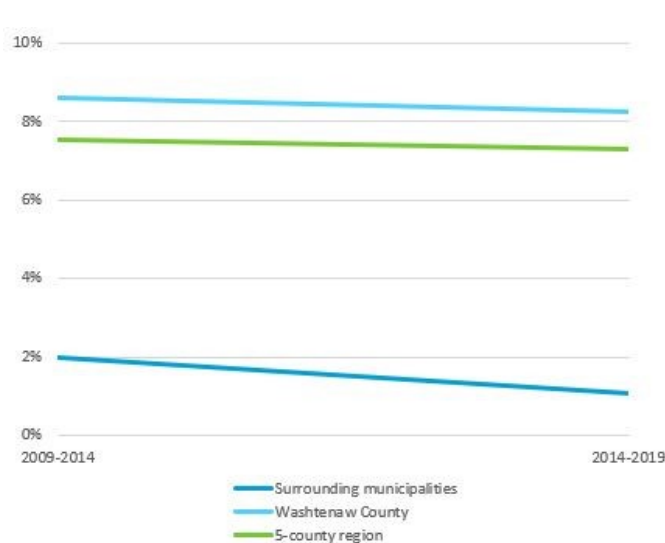
The percentage of individuals over 65 years of age is rising quickly in the region, in Washtenaw County, and most dramatically in communities surrounding the parks. Older adults have distinct needs, often requiring accommodations for mobility and accessibility of park features such as trails and buildings. This is important to keep in mind when planning the future of a park serving an older population.

NEEDS

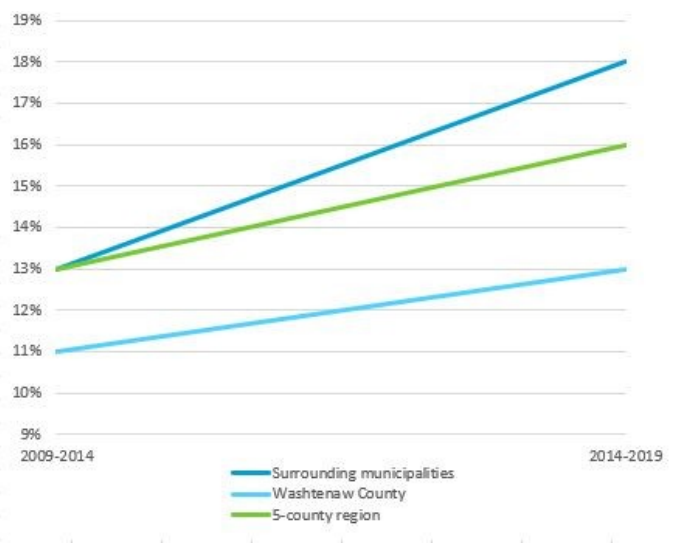
Address changing needs of new population demographics

Draw new users with a connected, accessible, welcoming and safe park environment

OPPORTUNITIES



CHANGE IN PERCENT OF HOUSEHOLDS WITH NO CARS AVAILABLE, 2009-14 through 2014-19 (Source: US Census American Community Survey)



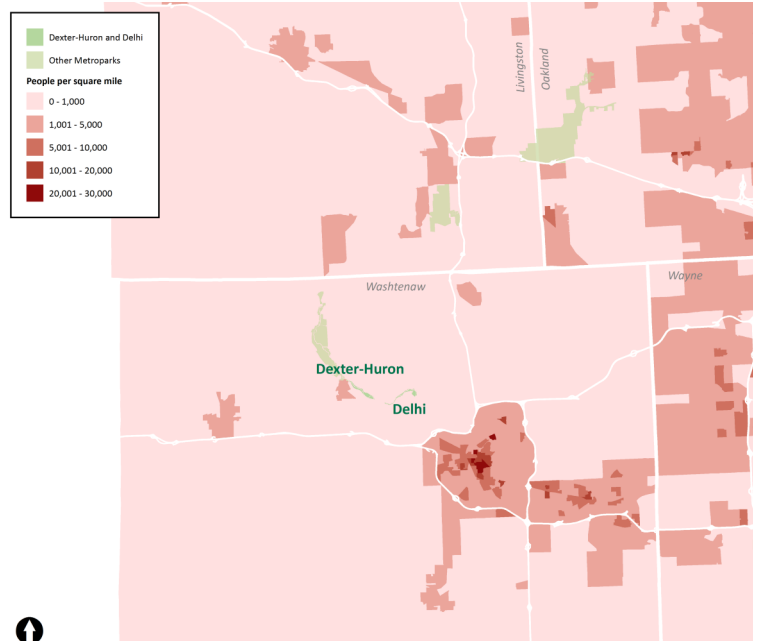
CHANGE IN PERCENT OF POPULATION OVER 65 YEARS, FROM 2009-14 through 2014-2019 (Source: US Census American Community Survey)

Community Influences

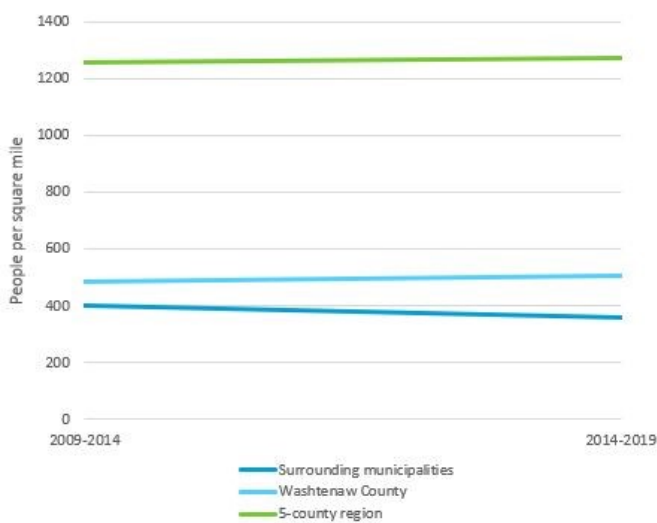
As shown below, Dexter-Huron and Delhi are located in a lower residential density area than many other Metroparks, with the majority of land use characterized as residential. The majority of the area directly bordering the park have an average population between 0 and 1,000 people per square mile. The City of Dexter attributes to the higher residential density area of 1,001-5,000 people per square mile adjacent to Dexter Huron. Associated with the noted demographic change will be the impact on housing trends. The aging baby boomers will seek different housing options than past generations of seniors. The desire will be for mixed use walkable environments with more compact smaller housing units, along with more time for passive recreational opportunities that will continue to increase in the surrounding communities.

The population density of the 5-county region and Washtenaw slightly increased overall. However, surrounding municipalities slightly decreased which will have a more direct impact on the two parks. Staying aware of development changes in the area will be important to gauge recreation needs.

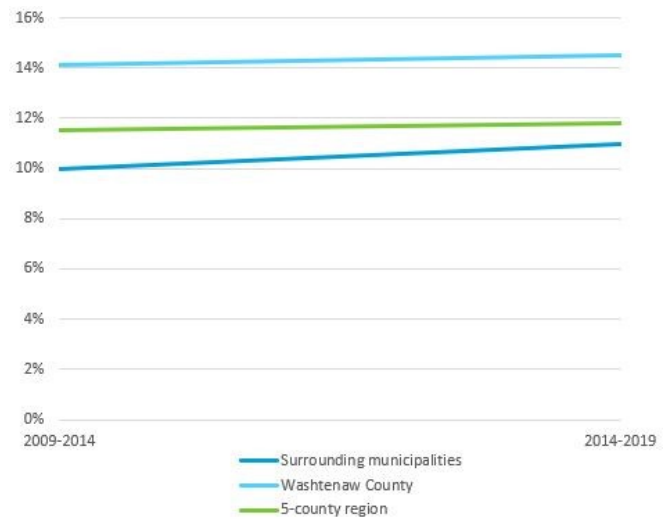
Although most households in the area still speak English as their first language, the communities around Dexter-Huron and Delhi had a dramatic rise in households speaking languages other than English at home, most notably the Asian population. Both Washtenaw County and the region at large are seeing a slight increase in households speaking languages other than English at home. Because of this growing linguistic diversity the Metroparks are working towards more universal signage design, with a focus on easily understandable symbols.



POPULATION DENSITY BY BLOCK GROUP, 2012-16



CHANGE IN AVERAGE POPULATION DENSITY, 2009-14 through 2014-19
(Source: US Census American Community Survey)



CHANGE IN PERCENT OF HOUSEHOLDS SPEAKING LANGAGE BESIDES ENGLISH AT HOME, 2009-14 through 2014-19 (Source: US Census American Community Survey)

PUBLIC INPUT

← Outreach Process

2022 Community Needs and Assessment

ETC Institute administered a needs assessment survey for Huron-Clinton Metroparks (HCMA) during the Spring of 2022. The survey was administered as part of Metroparks’ efforts to establish and priorities improvements to the parks system, which included 13 parks covering more than 25,000 acres in Wayne, Oakland, Macomb, Livingston and Washtenaw counties. The survey and its results will guide HCMA in taking a resident-driven approach to making decisions that will enrich the future of the community and positively affect the lives of all residents in southeast Michigan.

ETC Institute mailed a survey packet to a random sample of households in Livingston County, Macomb County, Oakland County, Washtenaw County, Wayne County (outside the City of Detroit), and the City of Detroit.

Location	Completed Surveys	% Precision
<i>Livingston County</i>	479	±4.5%
<i>Macomb County</i>	511	±4.3%
<i>Oakland County</i>	583	±4.1%
<i>Washtenaw County</i>	514	±4.3%
<i>Wayne County (Outside Detroit)</i>	407	±4.9%
<i>City of Detroit</i>	405	±4.9%
Total	2,899	±1.8%

The table above shows the number of completed surveys collected in each of the six sampling areas. The table also shows the margin of error at the 95% level of confidence for each area.

The results presented in this report have been weighted to represent each sampling area’s share of the population of the Huron-Clinton Metroparks service area. The weighted results give more weight to the responses from the larger sampling areas, including Macomb County, Oakland County, Wayne County (outside Detroit), and the City of Detroit, and similarly gives less weight to the responses of the smaller sampling areas, including Livingston County and Washtenaw County

Priorities for Parks & Recreation Facility Investments in the Huron-Clinton Metroparks Service Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each facility/ amenity/ activity/program
- how many households have unmet needs for the facility/

Facility	Priority Investment Rating (PIR)
<i>Trails-paved, multi-use (walking, biking)</i>	189.2
<i>Beaches</i>	174.7
<i>Natural areas</i>	145.7
<i>Trails-unpaved, nature trails</i>	139.7
<i>Trails-unpaved, hiking</i>	137.2
<i>Nature centers</i>	114.2
<i>Canoe/kayak launch sites</i>	110.2
<i>Outdoor swimming pools</i>	107.9

Results

Washtenaw County

The table below shows the Priority Investment Ratings (PIR) for parks and recreation facilities, based on the PIR analysis conducted using the data from Washtenaw County households. The following six facilities were rated as high priorities for investment:

- Paved multi-use trails for walking and biking
- Unpaved trails, nature trails
- Unpaved trails for hiking
- Beaches
- Natural areas
- Canoe/kayak launch sites

Facility	PIR	Priority
Trails-paved, multi-use (walking, biking)	175.5	High Priority (PIR=100-200)
Trails-unpaved, nature trails	159.1	
Trails-unpaved, hiking	155.7	
Beaches	147.4	
Natural areas	137.7	
Canoe/kayak launch sites	105.8	
Outdoor swimming pools	97.5	Medium Priority (PIR=50-99)
Nature centers	92.4	
Canoe/kayak rentals	76.2	
Fishing banks or docks	69.3	
Camping areas-primitive sites	62.0	
Picnic tables	59.3	
Trails-mountain biking	55.8	Low Priority (PIR=0-49)
Picnic shelters	53.1	
Playgrounds	46.6	
Splash pad (water play area)	42.1	
Waterslides	41.8	
Golf driving ranges	41.2	
Camping areas-RVs	41.2	
Boat ramps	37.8	
Camping areas-group sites	37.8	
Golf courses	34.9	
Disc golf	22.0	
Boat docks	21.0	
Marinas	10.0	

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Washtenaw County households. The following 12 programs were rated as high priorities for investment:

- Concerts
- Art/photography
- Movies in the park
- Swim lessons
- Walking clubs/programs
- Water fitness programs
- Pet-friendly programs
- Environmental education programs
- Camping
- Astronomy programs
- Bird-wildlife watching programs
- Guided nature hikes
- Fishing programs
- Natural/cultural history

Program	PIR	Priority
Concerts	194.4	High Priority (PIR=100-200)
Art/photography	175.1	
Movies in the park	173.9	
Swim lessons	166.8	
Walking clubs/programs	164.6	
Water fitness programs	162.6	
Pet-friendly programs	150.9	
Environmental education programs	132.9	
Camping	129.0	
Programs for people with disabilities	126.7	
Astronomy programs	126.2	
Bird/wildlife watching programs	125.0	
Guided nature hikes	121.7	
Fishing programs	114.2	
Natural/cultural history programs	108.7	
Guided canoe/kayak tours	105.5	
Farm educational programs	98.0	
Golf lessons	83.6	
Boating classes	80.6	
Guided motorized boat tours	70.3	
Homeschool programs	59.1	
Running clubs/programs	50.0	
Virtual programs	35.3	
Scouting	31.8	
Golf tournaments	29.9	

Table 14: PIR Ratings for Parks & Recreation Programs in Wayne County, MI (outside of Detroit)

NEEDS

Improve connectivity within the park and with the community

Create good working relationship with surrounding municipalities

OPPORTUNITIES

Understanding the goals and plans of municipalities and other organizations bordering and/or containing Dexter-Huron and Delhi is essential for a collaborative, comprehensive planning process. Planning staff researched previous park plans along with the published master plans and recreation plans of surrounding municipalities, counties, other agencies. These provided a basic idea of the direction planned for each, especially regarding land use, development, and recreation.

Border-to-Border Trail (B2B)

- The Dexter-Huron Metropark to Zeeb Road project is 1.2 miles long and includes two pedestrian bridges over the Huron River.

Washtenaw County Parks and Recreation Commission (WCPARC) Master Plan: Dexter to Ann Arbor

- In 2019, WCPARC completed a Master Plan for the B2B between Dexter and Ann Arbor. The plan serves as a guiding document for detailed design and engineering and will involve a great deal of coordination with many agencies, municipalities and organizations.

Master Land Use Plan Scio Township, Michigan

- Dexter-Huron is located in the Mill Creek Sub Area of the future land use plan. Development strategies include encouraging non-motorized routes to provide interconnected system of trails and support implementation of the B2B Trail. Also, this area is being promoted to establish recreational needs of the residents including passive uses, soccer fields and ball fields. Delhi is located in the Huron River Sub Area. Development strategies in this area include coordinating with HCMA for parkland and open space

Projects/Initiatives

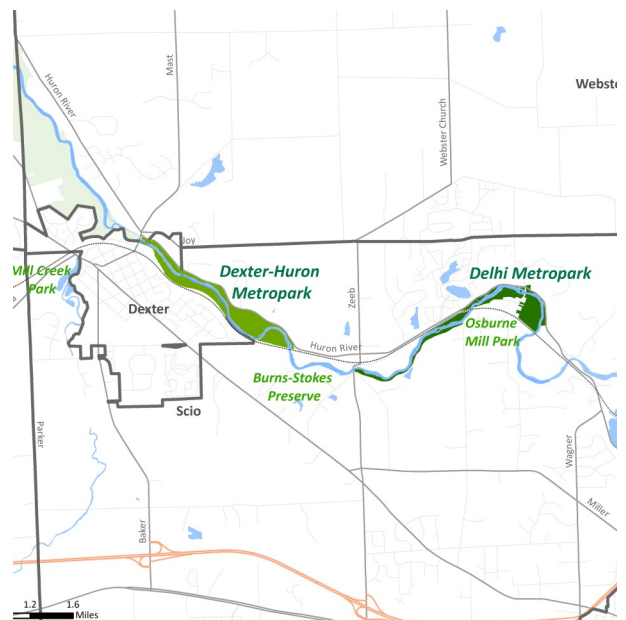
acquisition and development, along with preservation and enhancement of the historic character of Delhi Mills and the Delhi Bridge.

City of Dexter Master Plan, Amended 2016

- A number of existing and anticipated circumstances will affect Dexter's future. These include a growing population, decentralized places of employment with increased commuting distances and conversely, an increase in those working from home. These factors together with the attraction of the Ann Arbor area as a place to live and work will provide development opportunities within Dexter and the surrounding communities for years to come.

Economic Impact of the Huron River Report

- In 2016, Huron River Watershed Council commissioned a study to measure the economic impact of the Huron River on local communities, focusing on Huron River Water Trail activities and the value of natural systems that maintain a healthy, clean river. The study results show a \$53.5 million dollar benefit to the local economy from direct and indirect spending each year.



MUNICIPALITY MAP

Supporting Plans

Community Recreation Plan

The Dexter-Huron/Delhi Plan is aligned with the Metroparks Community Recreation Plan 2018-2022 that creates an inventory of existing facilities and resources, identifies community and recreation and open space needs and sets a plan of action for a 5-year period. To be eligible to apply for Land and Water Conservation Fund, Michigan Natural Resources Trust Fund, and Waterways grants, a community must have an approved 5-Year Plan on file with the Michigan Department of Natural Resources (DNR) by February 1 of the year they intend to apply.

Marketing Plan

Realizing the importance of marketing and communication, the Dexter-Huron/ Delhi Master Plan will coincide with updates to the Marketing Plan 2022 Goals and Strategies, developed annually by the Marketing and Communications Department. Both are living documents that will closely follow both present and future marketing trends and work in collaboration amongst various departments.

ADA Transition Plan

The Metroparks Board of Commissioners approved an updated Americans with Disabilities Act (ADA) Transition Plan in November 2019. Moving forward, top priority projects will be added into annual capital and major maintenance improvement projects and identified in the Five-Year Community Recreation Plan and 10-year master plan (five-year amended) developments.

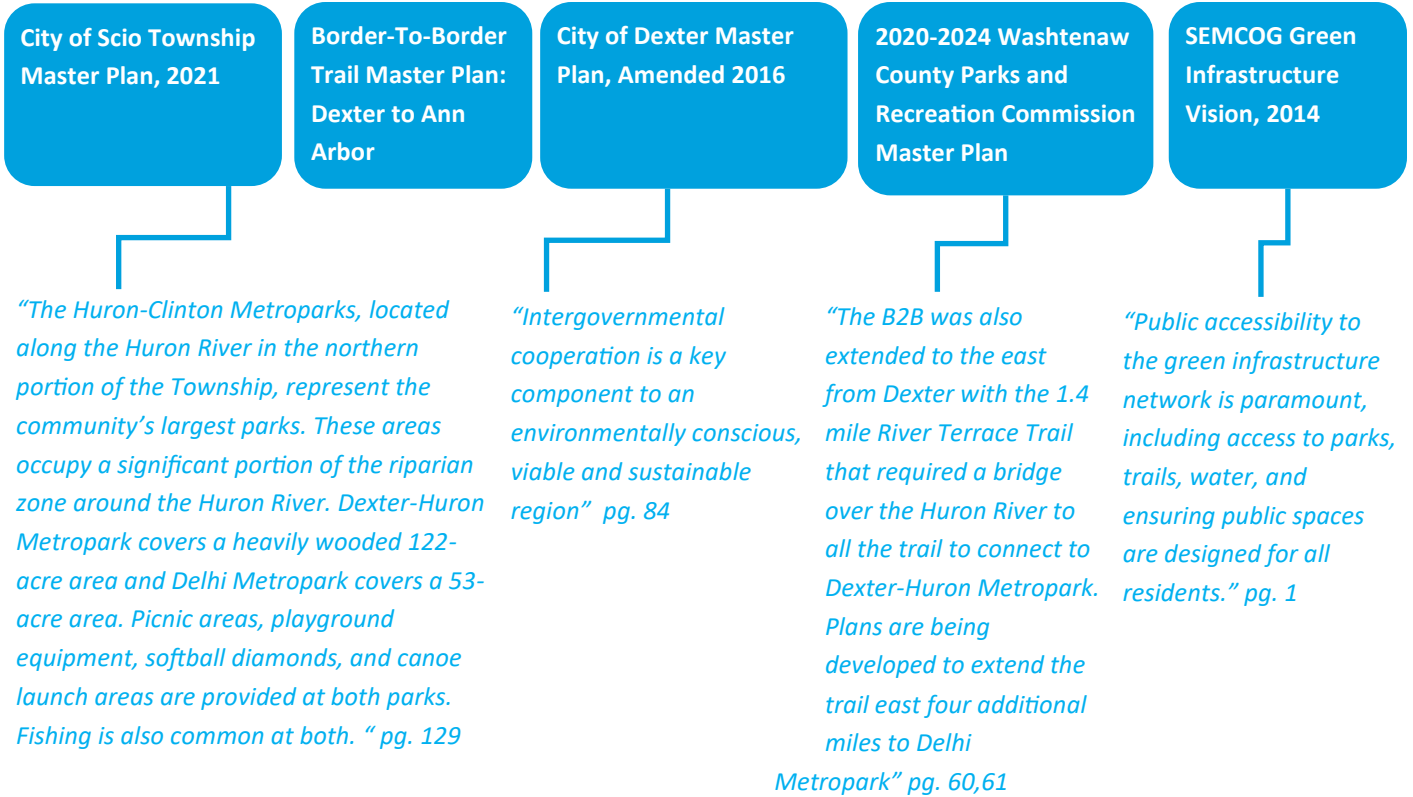
Stormwater Management Plan

The Stormwater Management Plan (SWMP), approved by the Board of Commissioners in 2019, provides a comprehensive review and analysis of the existing stormwater conveyance system for improvement and maintenance projects that prioritize reduction of impacts on water quality. It includes concepts and preliminary details for the design, construction, and operation and maintenance of the stormwater system for each Metropark (separated into individual chapters). Vetted by a committee of administrative departments and Dexter-Huron/Delhi operations and maintenance staff, recommendations include green infrastructure development, shoreline and streambank restoration, and culvert and outfall cleanouts and replacements. Cost estimates were developed for each project, and calculation tables were included to help with budgeting (adjusting for inflation) in the future.



Community Influences

Relevant Planning Documents



Since the development and land use decisions of bordering communities and other governmental agencies directly impact the park, these neighbor master plans were reviewed and taken into account when creating this document. The opinions and ideas expressed by residents and leaders in these municipalities give Dexter-Huron and Delhi a wider context and in many cases underscore the importance of the park’s resources to citizens.

Dexter-Huron and Delhi Metroparks are part of a broader system of recreation and green space that includes other Metroparks as well as local, county and state parks and greenways. Due to this, recreation and green infrastructure plans were also considered in creating the Dexter-Huron and Delhi Master Plan. Many communities are currently advancing their non-motorized networks, seeking grant funding to create greenways and paths and cooperating to provide linked green and recreation spaces to their constituents.



Action Plan

Needs & Opportunities

Based on the assessment of park conditions, demographic research and spatial analysis, public input, and staff input, the needs and opportunities listed throughout this document were developed. **5-year updates are in blue text**

Needs

- Continue to draw diverse range of visitors to the parks
- Define and protect areas with important biodiversity features
- Better educate the importance of preserving important cultural features
- Address aging and overbuilt infrastructure
- Identify areas of facility duplication for repurposing and consolidation
- Work with county and local communities to address any boundary issues for both parks
- Replace outdated, confusing, inconsistent signs
- Pursue improvements to park accessibility
- Diversify sources of revenue
- Target market strategies for facilities (Skips)
- Increase revenue and visitation
- Address changing needs of new population demographics
- Improve connectivity within the parks and with the community
- Incorporate variety of opinions and user groups into master plan
- Maintenance of facilities for successful operations

Opportunities

- Build on both parks character to attract new visitors
- Create a resilient network of biodiverse areas in the parks
- Draw new visitors with programming/education based on history of the parks
- Redevelop park areas to better serve visitors and environment
- Provide unique recreational facilities to draw visitors from across the region
- Create good working relationship with neighbors and partner organizations
- Create consistent, convenient wayfinding system to give visitors confidence
- Ensure that users of all abilities feel empowered to take full advantage of the parks
- Offer new and exciting activities/programs to visitors of the parks to both boost tolling and gather user fees
- Take advantage of proximity to urban population to grow revenue and system awareness
- Build on enthusiasm of Dexter-Huron/Delhi's visitors with exciting, engaging programs and events
- Draw new users with a connected, accessible, welcoming and safe park environment
- Create good working relationship with surrounding municipalities
- Maintenance plans and scheduling for facilities (hike-bike trails)
- Create vibrant park through robust, transparent public outreach



With these in mind, the following list of projects, plans, and studies was developed. Major and minor projects have been identified as priorities and assigned a timeline and the accompanying studies have been listed. These pages should serve as a blueprint for the future of the parks over the next ten years.

Large Facilities

Park*	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2024)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Del	Redevelop playground at Delhi	Planning	Eng, Ops, Maint	MDNR, Contractors,	TBD			x	Long-Term
Del	Implement improvements to canoe livery site and operations (resulting from assessment)	Eng	Plan, Ops, Maint	MDNR, Contractors	TBD	x			In Design
Both	Support extension of Border-To-Border (B2B) in both parks	Planning	Eng, Ops, Maint	WCPARC, Contractors	TBD	x	x	x	Ongoing
Dex	Construct congregated, multi-age playground at Dexter-Huron	Planning	Eng, Ops, Maint	MDNR, Contractors	TBD		x		Remove?



*Abbreviation for both parks (Dex = Dexter-Huron, Del = Delhi) ** Abbreviation for departments (Eng = Engineering, Plan = Planning, Int = Interpretive Services, Ops = Operations, Maint = Maintenance, NR = Natural Resources, Mrkt = Marketing CR = Community Relations)

Infrastructure / Small Facilities

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2024)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Both	Accessibility improvements, including interiors, walkways, and site amenities - parkwide	Eng	Plan, Ops	Contractors	TBD	x	x	x	Ongoing
Del	Develop Delhi connectivity plan	Eng	Plan, Ops, Maint	MDNR, Contractors	TBD			x	Not started
Del	Develop parking improvement plan (resulting from parking study)	Eng	Ops, Maint	MDNR, Contractors	TBD			x	Not started
Dex	Replace roof on West shelter at Dexter-Huron	Eng	Ops, Maint	MDNR, Contractors	\$4,000				Complete
Dex	Implement accessible shelter amenities conceptual plan	Planning	Ops, Maint	MDNR, Contractors	TBD	x	x	x	Ongoing
Del	Improve Canoe/Kayak river access at East Delhi	Planning	Engineering, Ops, Maint		TBD			x	Not started



Natural Resources

Park	Description	Department Lead	Other Department	Other Partners	Cost Estimate	Short-Term (2022-2024)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Both	Vegetation Management (annual)	NR	Plan, Ops	MDNR, Contractors	\$30,000	x	x	x	Ongoing
Both	Early detection, rapid response. Invasive species surveys and control in high quality natural areas (annual)	NR	Int	NGOs	\$10,000	x	x	x	Ongoing
Both	Wildlife management (annual)	NR	Ops, Maint, Police	MDNR	Staff time	x	x	x	Ongoing
Both	Conduct Prescribed fire in adapted native communities	NR			\$4,000	x	x	x	Ongoing
Both	Oak wilt control and prevention (annual)	NR	Ops, Int	MDNR	\$4,500	x	x	x	Ongoing
Both	Shoreline restoration and protection	NR	Ops, Plan	Contractor, NGOs	\$150,000	x	x	x	Ongoing
Both	Implement in-river restoration initiative (following feasibility study)	NR	Plan, Eng	MDNR, NGOs	\$150,000	x	x	x	Ongoing
Both	Huron River viewshed improvement initiative: open up and maintain views to the river from key locations in West Delhi and Dexter-Huron	Plan	NR, Maint		staff time	x	x	x	Ongoing

Signage

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2024)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Del	East Delhi Trailhead	Planning	Main, Ops		TBD		x		Not started
Both	New Branding System-Wide	Planning	Main, Ops		TBD	x	x	x	Ongoing



Area Plans/Studies/Initiatives

After identifying the need for changes or improvements based on user feedback and staff research, in-depth evaluation and planning must be carried out to gain a detailed understanding of problems and opportunities and determine the best strategies based on existing conditions and resources. Sometimes a process to formally monitor facility usage and gauge popularity is necessary. These studies often result in a scope of work, a work plan, and in some cases a site plan that give staff a roadmap for planned changes. Recommended studies are listed below:

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2024)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Both	In-river and riparian restoration feasibility study: Assess feasibility of conducting in-river or riparian restoration to address identified threats to the Huron River ie. sedimentation, erosion, peak flow, nutrient contamination, etc.	NR	Plan, Eng, Ops	MDNR, HRWC, NGOs	staff time		x		?
Del	Delhi connectivity plan: Identify opportunities for linking Delhi parcels via trails to improve paddler access to parking	Plan	Eng, Ops, Maint, NR	MDNR	staff time				Complete
Both	Parking study: consider reconfiguration of West Delhi parking lot	Plan	Eng, Ops, Maint, NR	MDNR	staff time			x	Not started
Both	Parking study: evaluation of parking use patterns for canoe livery and East Delhi, potential increased demand at Dexter-Huron with new trail section	Plan	Eng, Ops, Maint, NR	MDNR	staff time				Complete
Del	Canoe livery operations assessment: investigate opportunities to improve operations of Skip's Canoe Livery for maximum benefit to the Metroparks while avoiding conflict with other park uses	Plan, Ops	Eng, Maint	MDNR, Skip's	staff time	x			In Design

Area Plans/Studies/Initiatives (cont'd)

Park	Description	Department Lead	Other Department	Other Partners	Cost Estimate	Short-Term (2018-2022)	Mid-Term (2023-2027)	Long-Term (10+ years)	Status
Dex	Historic study/survey: West shelter at Dexter-Huron	Int	Plan, Eng, Ops	Consultant	TBD				Complete
Both	Environmental sustainability initiatives	NR, Purchasing	Ops, Plan, Eng		TBD	x	x	x	Ongoing
Both	Establish Invasive Species Control Tracking Website	NR	IT	MNFI, MISIN	staff time	x	x	x	Ongoing
Both	Stormwater monitoring	NR		NGOs	\$5,000	x	x	x	Ongoing
Both	Herpetological surveys	NR		NGOs	\$15,000	x	x	x	Ongoing
Both	Electric Vehicle (EV) Stations	Planning	Engineering, Operations		staff time		x		Not Started