

OAKWOODS METROPARK MASTER PLAN



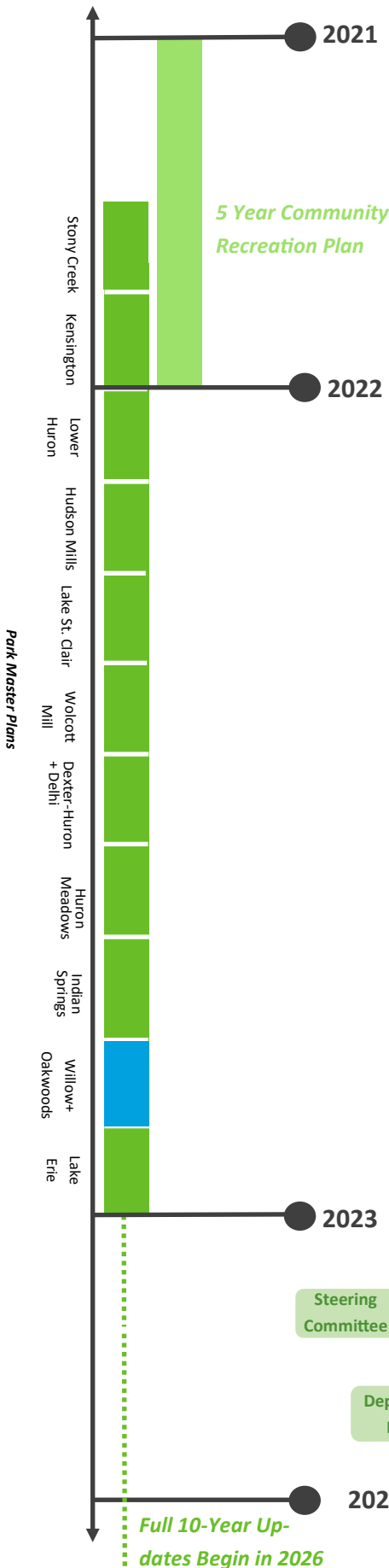
5 Year Update to 2018 - 2028

DRAFT



Introduction

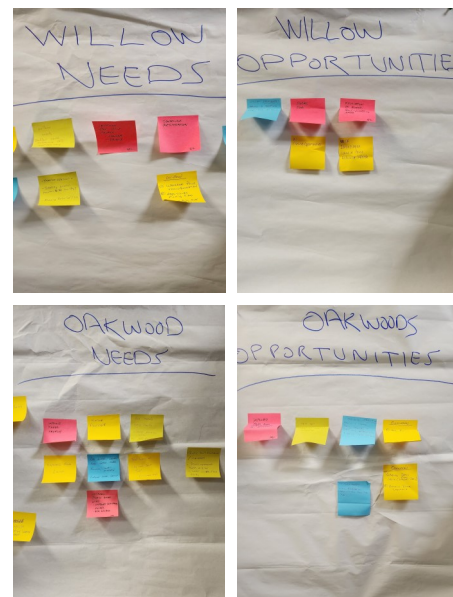
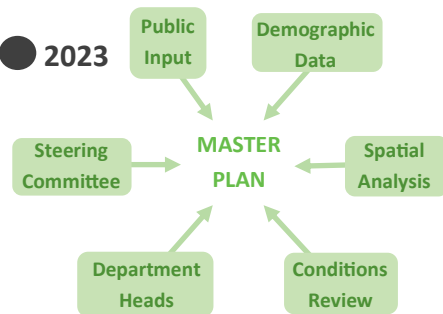
Planning Process



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



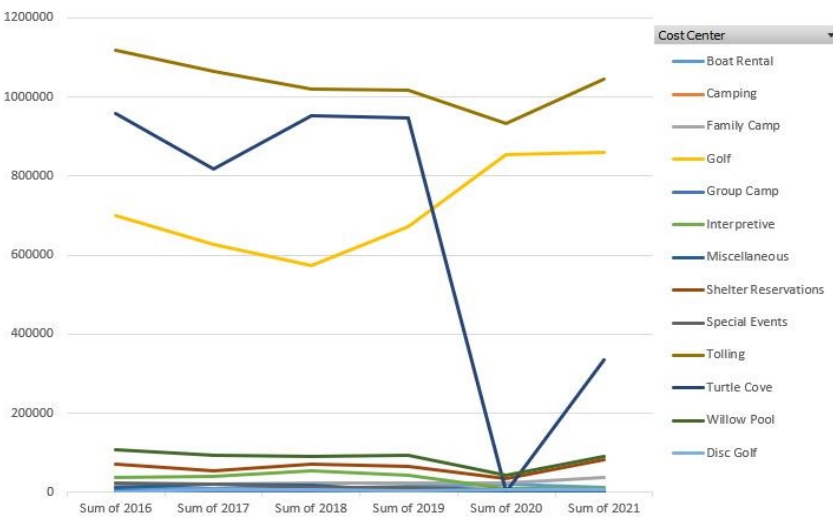
The Steering Committee met on 09/14/2022

Revenue Sources

2021 Operations Revenue

Revenue Source	2021 Total*	% of 2021 Revenue
Turtle Cove	333,740.53	13.4%
Tolling	1,046,057.00	42.1%
Shelter Reservations	82,565.76	3.3%
Camping	40,432.80	1.6%
Special Events	6,444.00	0.3%
Miscellaneous	1,590.90	0.1%
Golf	858,660.57	34.5%
Disc Golf	6,395.00	0.3%
Interpretive	9,563.85	0.4%
Willow Pool	89,125.41	3.6%
Boat Rental– Washago	10,952.58	0.4%
	\$2,485,528.00	100%

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



REVENUE TRENDS 2016-2021— Lower Huron, Willow, and Oakwoods

NEEDS

Diversify sources of revenue

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

OPPORTUNITIES

The Metroparks 2021 General Fund revenue equaled \$59,729,968. Lower Huron’s 2021 operations revenue was approximately \$2,485,528, comprising 4.2% of all Metroparks revenue.

The budgeted 2022 operations revenues for Lower Huron, Willow, and Oakwoods is \$3,083,260, while estimated 2022 operations expenses are \$6,791,291. These parks are combined in the budgeting process since they are administered together. Property tax and other revenue will subsidize 54.6% (\$3,708,031) of the three parks’ operating budget.

As the chart illustrates, nearly all of Lower Huron’s operations revenue comes from the Turtle Cove Family Aquatic Center and from park entrance tolling.

Revenue

Visitors

Willow and Oakwoods Metropark are regional parks and can draw from the approximately 3,008,000 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 Lower Huron, Willow, and Oakwoods Metroparks, and have hovered between 260,000 and 425,000 since 2014, slightly declining over the years but overall moderately stable. Weather often plays a role in attendance to the park; activity areas greatly affected by weather are the trails, Nature Center, golf course and the Willow Pool.

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.



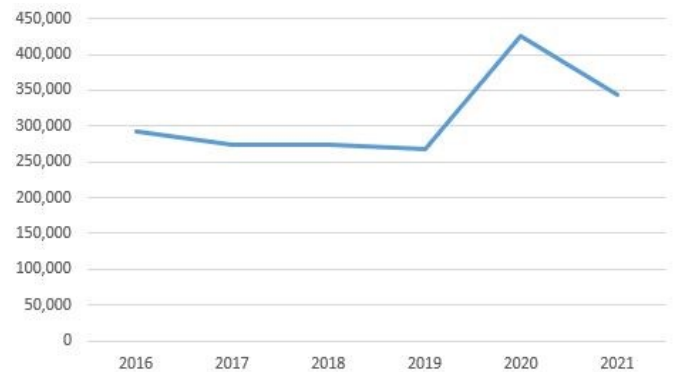
NEEDS

Target market strategy

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

OPPORTUNITIES

VEHICLE ENTRIES 2016-2021



Willow and Oakwoods Metroparks 30-Mile radius



Programs & Events



NEEDS

Increase revenue and visitation

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

OPPORTUNITIES

2022 Integrated Marketing Plan

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

2020-2022 Recreation Programming Plan

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

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

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



COMMUNITY INFLUENCES

Population

The percentage of households without access to an automobile is gradually rising in the region and in Wayne County. However, the municipalities directly surrounding Willow and Oakwoods show a modest trend downward in households without access to an automobile. 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.

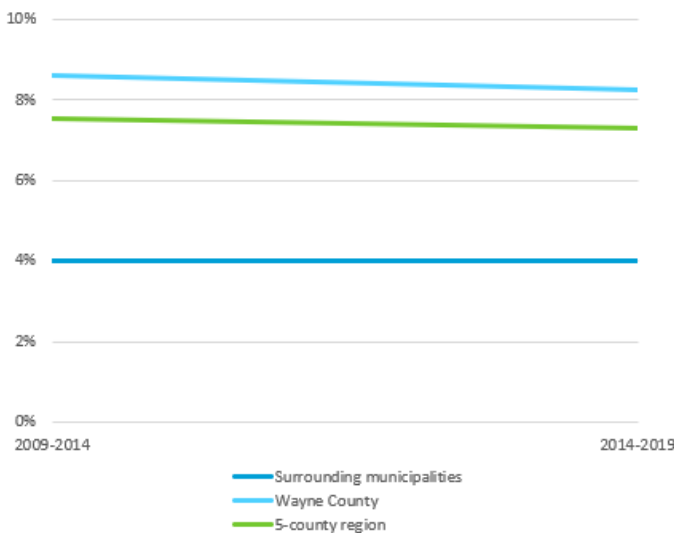
The percentage of individuals over 65 years of age is rising quickly in the region, in Wayne County, and most dramatically in communities surrounding the parks. Older adults have distinct needs, often requiring accommodations for mobility and accessibility of park features such as trails and buildings.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

NEEDS

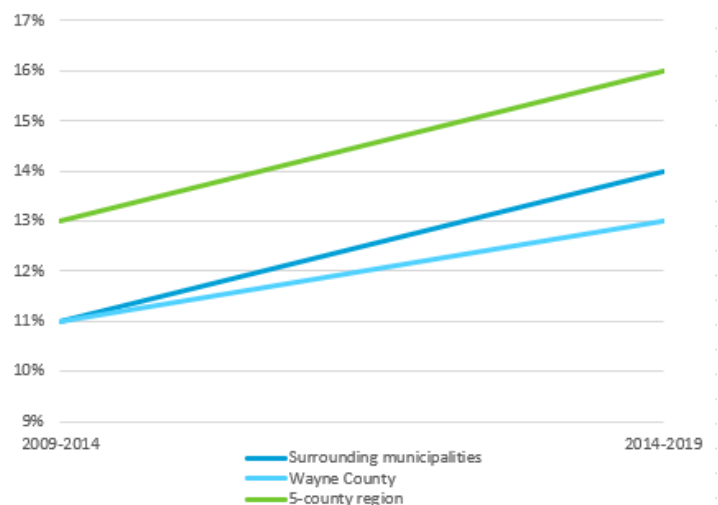
Address changing needs of new population demographics

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

OPPORTUNITIES



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



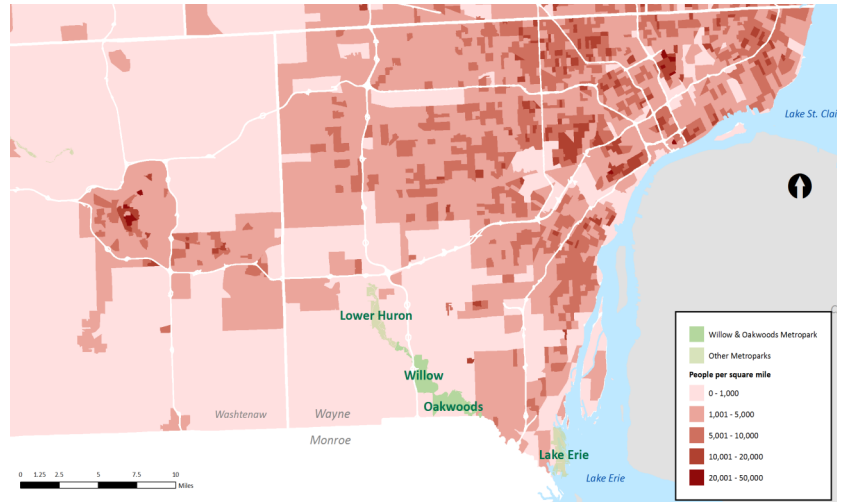
CHANGE IN PERCENT OF POPULATION OVER 65 YEARS, FROM 2009-14 through 2014-19 (Source: US Census American Community Survey)

Community Influences

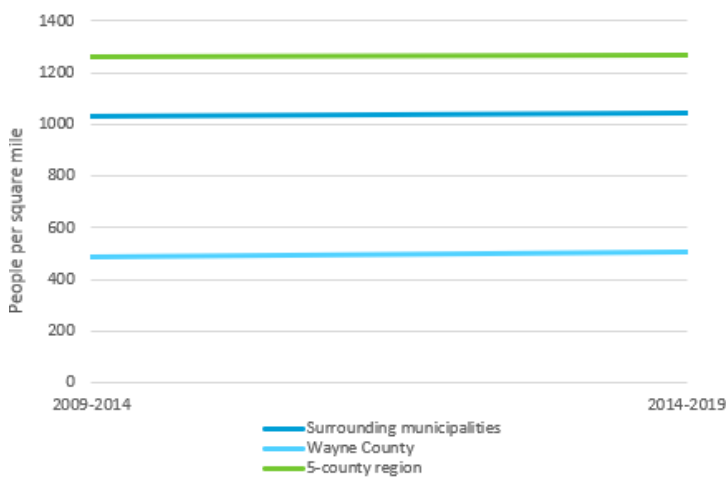
As shown below, Willow and Oakwoods are located in a lower residential density area than many other Metroparks, with the majority of land use characterized as residential. The areas directly bordering the park have an average population between 0 and 1,000 people per square mile. Associated with the 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, Wayne County, and surrounding municipalities is slightly decreasing overall. Staying aware of development changes in the area will be important to gauge recreation needs.

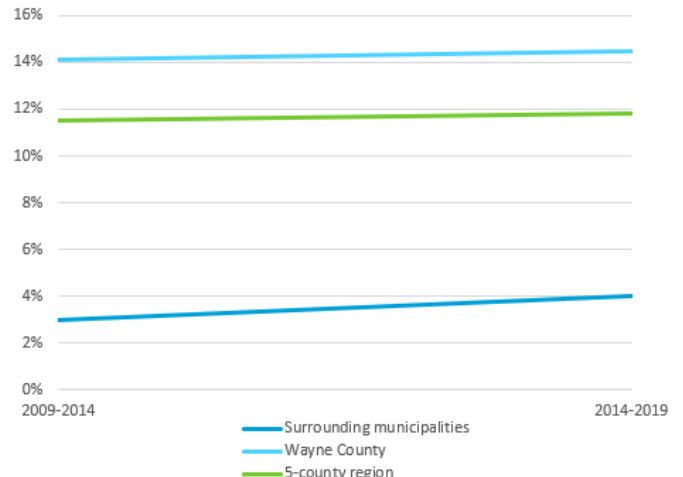
Although most households in the area still speak English as their first language, the communities around Willow and Oakwoods along with Wayne County and the region at large are seeing a slight increase in households speaking languages other than English at home. Because of this growing linguistic diversity 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 LANGUAGE BESIDES ENGLISH AT HOME, 2009-14 through 2014-19 (Source: US Census American Community Survey)

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 Willow and Oakwoods 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.

Wyandot of Anderdon Nation, Six Points Master Plan

- The Six Points Village in nearby Gibraltar, Michigan project brings forward awareness of ecology, archeology, history, Indigenous issues, biodiversity and cultural anthropology.

Parks and Recreation Master Plan 2014-2018 Huron Charter Township

- Continued partnership with the various area public and private recreation providers. This includes collaborating and coordinating with the metroparks to provide for the efficient administration of parks and recreation services.

Detroit Heritage River Water Trail Vision Plan

- The Detroit Heritage River Water Trail goes through the Detroit, Huron, Rouge and Raisin Rivers and offers many opportunities for canoeing and kayaking in the region. The water trail follows the Huron River through Willow and Oakwoods with river access and a canoe/kayak launch.

New Boston Overall Improvements, 2015

The on-road non-motorized facility improvements in

Projects/Initiatives

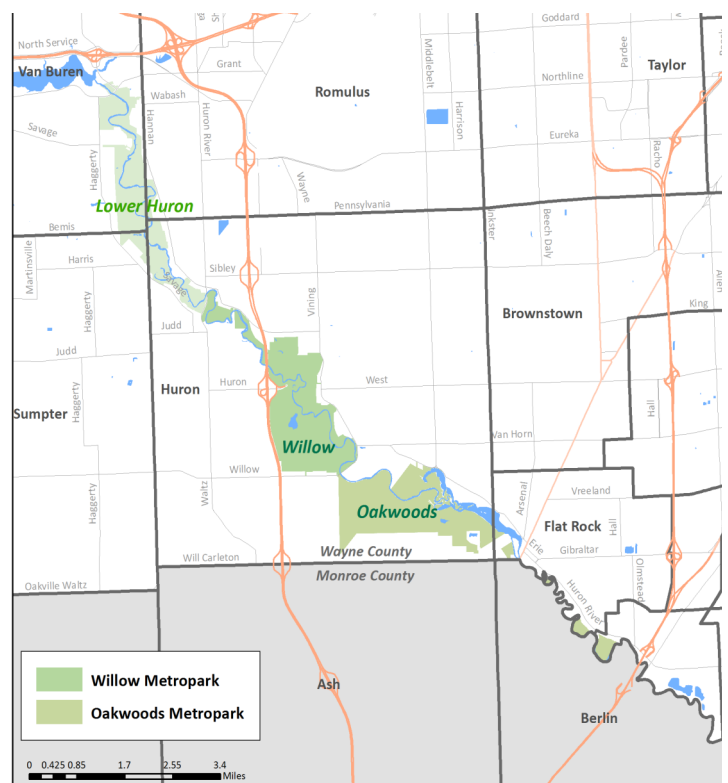
surrounding communities will fill in the gaps to achieve regional connectivity for non-motorized users. The metroparks will need to plan in collaboration for these improvements with potential water trail facilities and hike-bike trail connectors.

Downriver Linked Greenways Initiative (DLGI) Master Plan, 2009 Update

- Twenty-one (21) communities, along with many partners including Huron-Clinton Metroparks, stepped forward and began to map how various trail connections could be made, completed a master plan, and currently being implemented community wide.

Interpretive Plan for the Huron River National Water Trail, December 2017

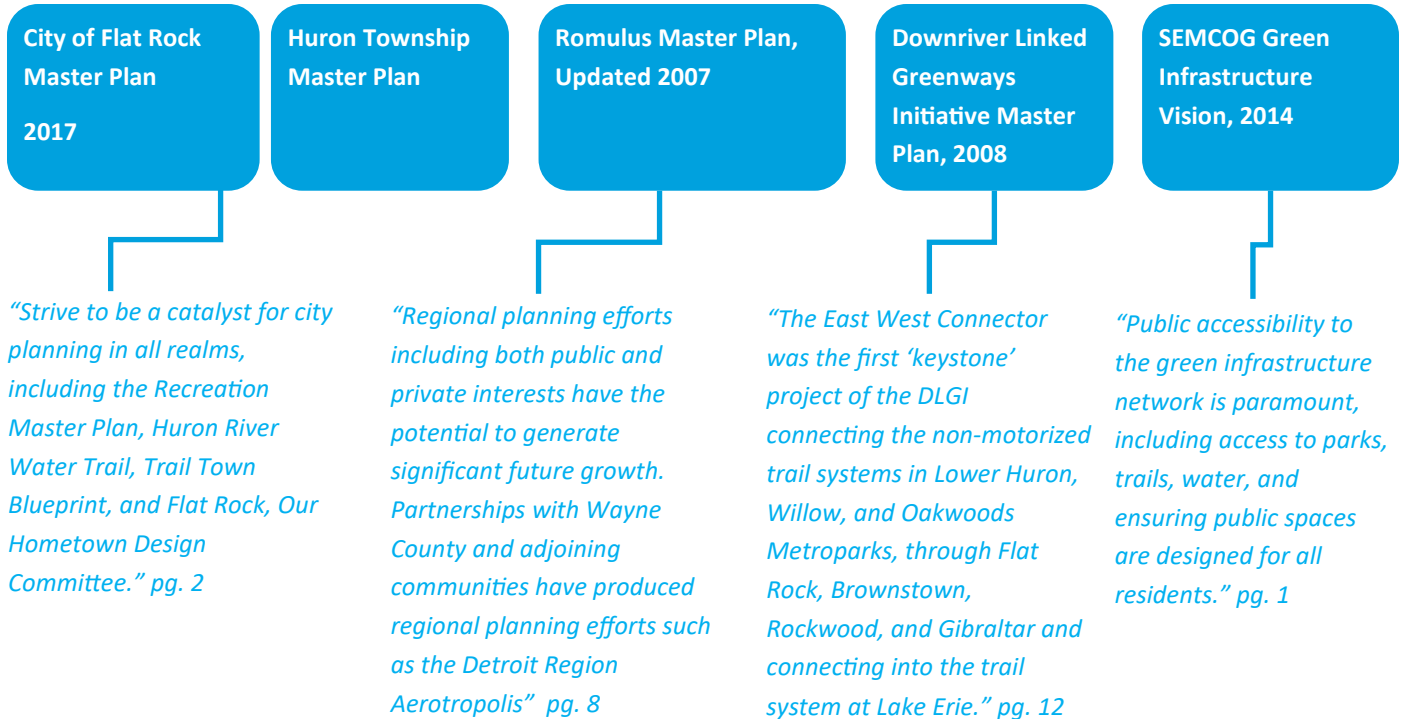
- The purpose of this plan is to help communities and stakeholders incorporate heritage on the lower reach of the nationally designated Huron River Water Trail, from Flat Rock to Lake Erie, which will create a more meaningful trail experience and a greater sense of place.



MUNICIPALITY MAP

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 Willow and Oakwoods a wider context and in many cases underscore the importance of the park’s resources to citizens.

Willow and Oakwoods 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 Willow-Oakwoods 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.



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

Wayne County (Outside of Detroit)

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

- Beaches
- Picnic shelters
- Paved multi-use trails for walking and biking
- Playgrounds
- Natural areas
- Picnic tables
- Outdoor swimming pools
- Nature centers

Facility	PIR	Priority
Beaches	195.3	High Priority (PIR=100-200)
Picnic shelters	176.4	
Trails-paved, multi-use (walking, biking)	165.2	
Playgrounds	150.8	
Natural areas	147.2	
Picnic tables	144.1	
Outdoor swimming pools	132.0	
Nature centers	121.8	
Trails-unpaved, nature trails	107.4	Medium Priority (PIR=50-99)
Fishing banks or docks	94.6	
Trails-unpaved, hiking	90.2	
Splash pad (water play area)	85.4	
Canoe/kayak rentals	79.9	
Waterslides	77.3	
Canoe/kayak launch sites	76.3	
Camping areas-group sites	61.2	
Trails-mountain biking	52.8	Low Priority (PIR=0-49)
Camping areas-primitive sites	49.2	
Camping areas-RVs	42.6	
Golf driving ranges	42.0	
Golf courses	36.7	
Boat ramps	36.3	
Boat docks	33.8	
Disc golf	25.2	
Marinas	22.6	

The table below shows the Priority Investment Ratings (PIR) for parks and recreation programs, based on the PIR analysis conducted using the data from Wayne County (outside of Detroit) households. The following 16 programs were rated as high priorities for investment:

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

Program	PIR	Priority
Concerts	194.4	High Priority (PIR=100-200)
Art/photography	175.1	
Movies in the park	173.9	
Swim lessons	166.8	
Walking clubs/programs	164.6	
Water fitness programs	162.6	
Pet-friendly programs	150.9	
Environmental education programs	132.9	
Camping	129.0	Medium Priority (PIR=50-99)
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	Low Priority (PIR=0-49)
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	

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 (Nature Center, pool facility)
- 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 Willow-Oakwoods 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 (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Wil	Develop Willow Pool selective redevelopment strategy	Eng	Plan, Ops, Maint	Foundation, Contractors	TBD		x	x	Not started
Wil	Implement Washago Pond selective redevelopment strategy	Eng	Plan, Ops, Maint, Int	Foundation, Contractors	TBD	x	x	x	Ongoing
Wil	Golf Course: replace irrigation lines, underground fuel storage (UST) with above-ground (AST)	Eng	Ops, Maint	Contractors	\$2,000,000	x	x	x	Ongoing
Oak	Develop playground at the Nature Center	Plan	Ops, Maint, Int	Foundation, Contractors	\$80,000		x	x	Not started



*Abbreviation for both parks (Wil = Willow, Oak = Oakwoods) ** 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

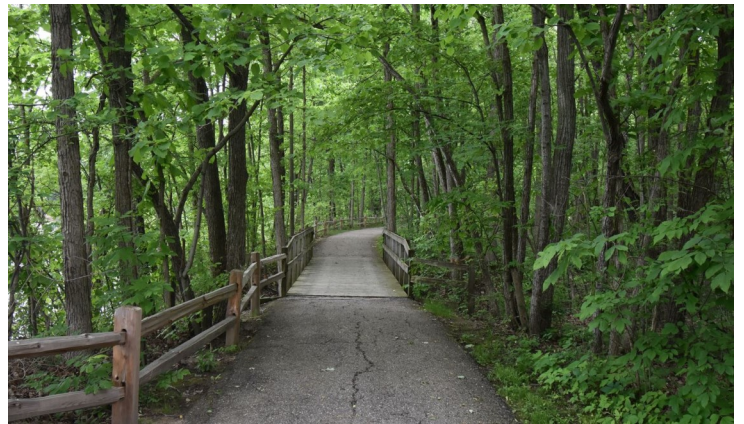
Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Both	Accessibility improvements, including interiors, walkways, and site amenities - parkwide	Eng	Plan, Ops	Contractors	TBD	x	x	x	Ongoing
Both	Paving projects: main park roads, parking lot overlays as needed	Eng	Ops, Maint	Contractors	TBD	x	x	x	Ongoing
Both	Implement infrastructure reduction strategy throughout parks	Eng	Ops, Plan, Maint	Contractors	TBD	x			Parkwide system, Not started
Oak	Drainage improvements at Sky-Come-down nature trail	Eng	Ops, Maint, Int		TBD		x		Not started
Wil	Replace Willow Pool playground	Plan	Eng, Ops, Maint	Contractors	TBD			x	Not started
Wil	Hike-bike trail connectivity improvements throughout park	Eng	Plan, Ops, Maint	Contractors	TBD		x	x	Not started
Wil	Create rustic hiking trail system utilizing cross-country ski trail routes	Ops, Maint	Plan, NR	staff time	TBD		x		Not included on park maps
Wil	Partially relocate disc golf course to Acorn Knoll picnic area	Ops, Maint	Plan, NR	staff time	TBD	x			Winter 2022-2023

Natural Resources

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Both	Fisheries Assessment and creel survey	NR		MDNR	\$25,000	x	x	x	Ongoing
Both	Vegetation Management (annual)	NR	Plan, Ops		\$30,000	x	x	x	Ongoing
Both	Hazardous Waste Removal (annual)	NR			\$1,000	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	Herpetological assessment of the park	NR		Consultant	\$9,000	x	x	x	Ongoing
Both	Utility Corridor Greenspace Improvements	NR	Int, Ops, Plan	TNC, Utilities	\$25,000	x	x	x	Ongoing
Both	Conduct Prescribed fire in adapted native communities	NR			\$15,000	x	x	x	Ongoing
Both	Oak wilt monitoring and prevention (annual)	NR	Ops	MDNR	varies	x	x	x	Ongoing
Both	Deer cull to maintain deer based on BMP standards	NR	Police		varies	x	x	x	Ongoing
Both	Shoreline Erosion Survey and Planning	NR			\$10,000	x			In construction
Both	Shoreline Stablization and Improvements	NR		Contractor	\$50,000	x			In the works
Both	Comprehensive wildlife surveys and mapping (Birds, insects, freshwater mussels)	NR	Int	MNFI, Consultant, HRWC	\$35,000	x		x	Ongoing

Natural Resources

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Wil	Green Infrastructure Improvements	NR	Plan, Eng		\$100,000	x	x	x	Ongoing
Wil	Indian Ridge Prairie Restoration	NR	Plan, Int	TNC	\$50,000	x	x	x	Ongoing
Wil	Washago Pond management (annual)	NR	Ops	Contractor	\$3,000	x	x	x	Ongoing
Wil	Willow Floodplain Restoration	NR	Plan, Eng		\$55,000	x	x		Ongoing
Oak	Cedar Knoll Prairie Extension	NR	Plan, Int	TNC	\$100,000		x	x	Not started
Oak	Oxbow/Railroad Floodplain Forest Restoration	NR	Plan	TNC	\$55,000	x	x		Ongoing
Oak	Grasslands Restoration	NR	Plan, Int	TNC	\$500,000	x	x	x	Ongoing
Oak	Butterfly Trail Grassland Improvements	NR	Int, Plan	TNC	\$50,000	x	x	x	Ongoing



Signage

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Wil	Rustic trails wayfinding signage	Planning	Ops, Maint, Int		TBD		x		Not started
Both	Construct and install trailhead structures on hike-bike trail	Maint	Graphics, Plan, Ops		\$ 4,500				Complete
Both	New Branding	Marketing,	Planning, Operations, Interpretive		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 (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Wil	Willow Pool selective redevelopment strategy: reduce building and parking size, add small shelters and seating around pool, evaluate egress, incorporate employee meeting space, food truck space	Plan	Eng, Ops, Maint	Consultants	staff time	x	x		Not started
Both	Infrastructure reduction strategy: Reduce, eliminate, and/or reconfigure certain parking areas, roadways, small structures throughout parks	Plan	Eng, Ops, Maint, NR		staff time	x			Not started
Wil	Washago stream restoration/ use master plan	NR	Eng, Ops, Plan, Int		staff time	x			Not started
Oak	Cedar Knoll parking and river access strategy: realign west parking lot closer to the river, develop formal canoe/kayak launch, replace pit toilets	Plan	Eng, Ops, Maint, NR		staff time	x			Initial study
Both	Explore opportunities for aligned entrances for both parks	Plan	Eng, Ops		staff time			x	Not started
Oak	Nature Center playground concept plan, possibly include small rental shelter	Plan	Eng, Ops, Maint, Int		staff time		x		Not started
Oak	Nature Center interpretive exhibit plan	Int	Maint, Eng	Consultants	\$ 160,000				Complete

Action Plan

Area Plans/Studies/Initiatives (cont'd)

Park	Description	Department Lead	Other Departments	Other Partners	Cost Estimate	Short-Term (2022-2023)	Mid-Term (2024-2025)	Long-Term (2026+)	Status
Oak	Clear north side service drive access/ add gate from Huron River Drive	NR	Ops, Maint		staff time	x			Not started
Both	Sustainability initiatives	NR	Ops, Plan, Eng		\$18,000	x	x	x	Climate Action Plan
Both	Establish Invasive Species Control Tracking Website	NR	IT	MNFI, MISIN	\$15,000	x	x	x	Ongoing
Both	Stormwater monitoring	NR			\$5,000	x	x	x	Ongoing
Both	Review all proposed earthwork activities for potential impact on historic/cultural resources	NR	Int, Plan, Eng	SHPO, EMU	staff time	x	x	x	Ongoing
Both	Work with partners to record, protect and preserve artifacts and document sites when deemed necessary following investigation based on review	NR	Plan, Ops, Int	EMU	staff time	x	x	x	Ongoing
Both	Implement Climate Action Plan initiatives	Plan	Ops, Maint		TBD	x	x	x	Ongoing
Both	Comprehensive kayak access study	Plan	Ops, Maint		staff time	x	x		Not started
Both	Implement Programming Plan action items	Plan	Ops, Maint		TBD	x	x	x	Ongoing
Oak	Hydrological study post dam removals (Huroc and Flat Rock dams)	Eng	Plan		TBD		x		Not started
Both	Explore opportunities for fishing access points	Plan	NR, Ops, Maint		staff time	x	x	x	Ongoing
Wil	Explore mountain bike facility plan	Plan			staff time	x	x		Not started
Both	Strategize streambank erosion along Huron River	Plan	NR, Ops, Maint	HRWC	staff time	x	x	x	Ongoing