



MetroParks Board Meeting

REVIEW of 2024 Capital Improvement Projects

Justin Rogers, RLA
Planning & Operations Director

Last Edited: 12.6.24

Presentation Outline

- MetroParks Mission Statement
- Strategic Master Plan
- MetroParks Properties/Facilities
- Long Range Capital Planning
- Review of 2024 Capital Improvement Projects
- Review of Professional Consultant Services
- Departmental and Carryover Project Updates
- Comments/Questions



Review of 2024 Capital Improvements

Mission Statement

The mission of Mill Creek MetroParks is to provide park, recreational, educational and open space facilities of regional significance. In fulfilling this mission our objectives are:

- To be responsive to community needs
- To be environmentally sound
- To be adaptable
- To be economically feasible

**PRESENTATION WILL BE AVAILABLE
ON THE METROPARKS WEBSITE**

Link to Mission Statement:

<http://www.millcreekmetroparks.org/contact/about/mission-statement/>



Review of 2024 Capital Improvements

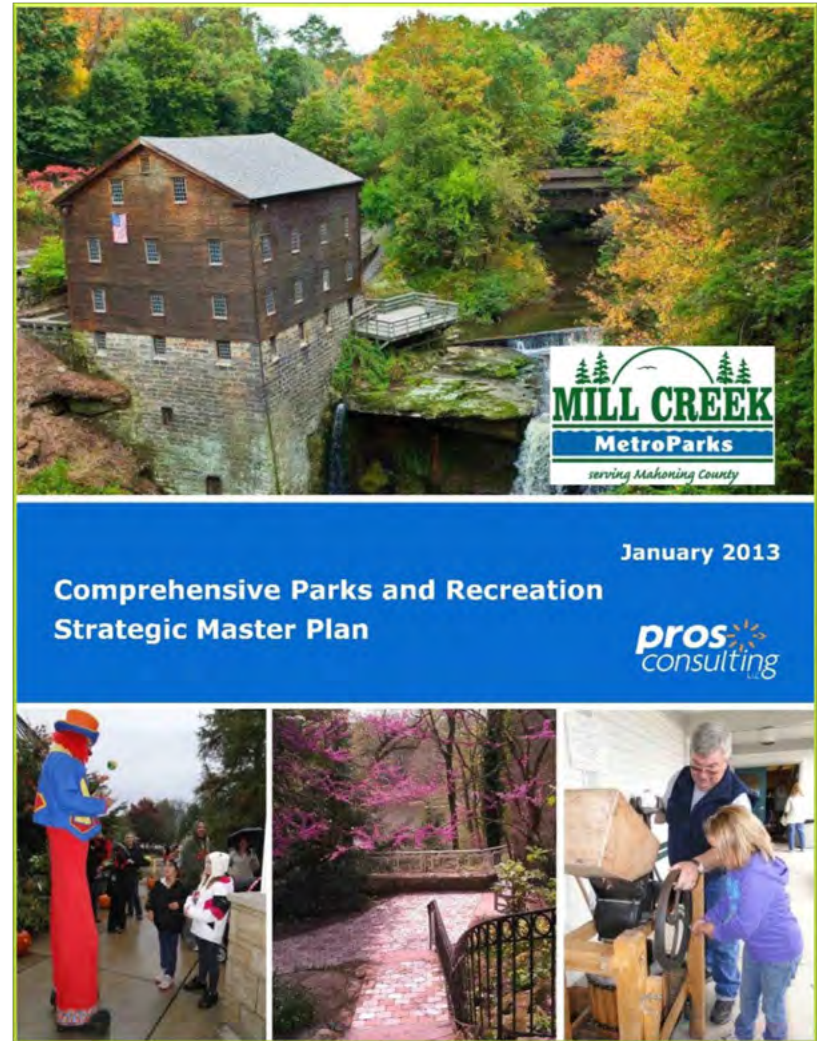
Strategic Master Plan

- Chapter 7: Implementation Plan
 - Infrastructure

GOAL: “Create an effective capital improvement and maintenance plan to preserve the historic aspects of Mill Creek MetroParks as well as provide a safe and enjoyable experience.”

Link to Strategic Master Plan:

<http://www.millcreekmetroparks.org/wp-content/uploads/2013/11/Mill-Creek-MetroParks-Strategic-Master-Plan-FINAL.pdf>



Review of 2024 Capital Improvements

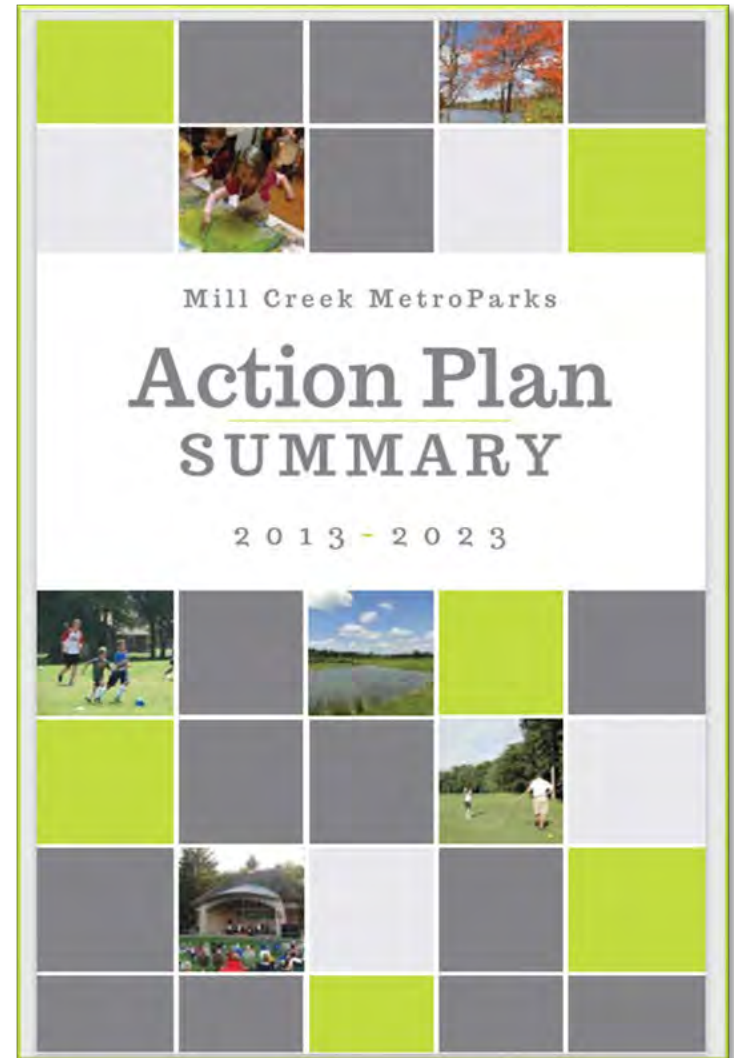
Strategic Master Plan

- Chapter 7: Implementation Plan
 - Natural Resources

GOAL: “Enhance Mill Creek MetroParks’ management of natural resources through improved access of developed trails, opening new parks in the underserved areas of the County, and incorporation of a natural resources management plan.”

Link to Strategic Master Plan:

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Review of 2024 Capital Improvements

Planning & Operations Department Mission

Strive for excellence in all aspects of our work, with thorough attention to aesthetic, environmental, historical and economic considerations, through collaborative efforts, to produce highly successful and tangible results for current and future MetroParks' guests.”

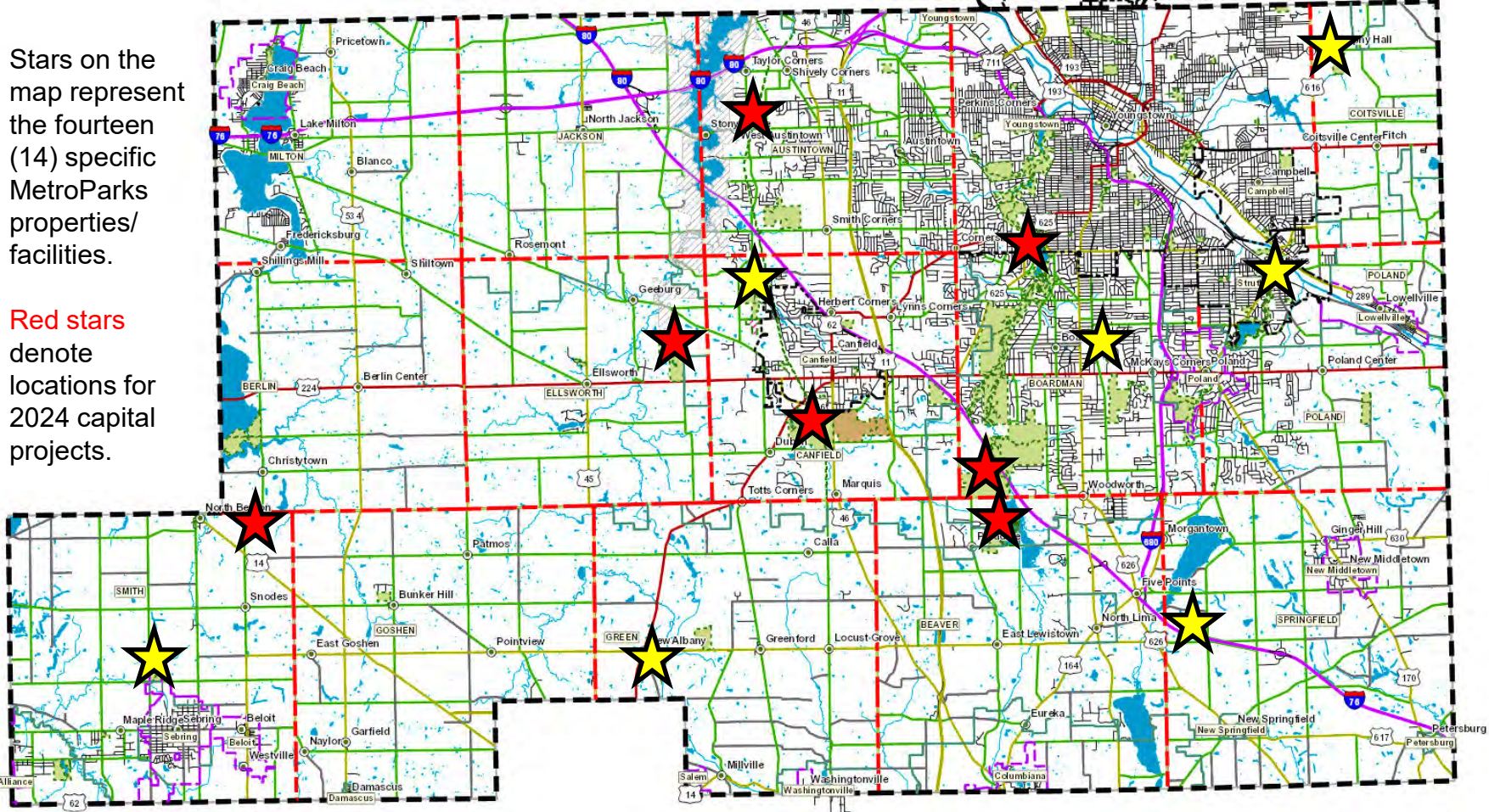


Review of 2024 Capital Improvements

MetroParks Properties/Facilities – Mahoning County

Stars on the map represent the fourteen (14) specific MetroParks properties/facilities.

Red stars denote locations for 2024 capital projects.



Review of 2024 Capital Improvements

Mill Creek MetroParks

■ Properties/Facilities

- Fourteen (14) separate locations
- 9 Townships
- 3 Cities
- 1 Village

■ Land Uses

- Active Recreation
- Passive Recreation
- Preserves/Natural Areas
- Working Farm
- Bikeway
- Equestrian

■ Statistics

- **5,012.96 acres**
- 20.37 miles of roads
- 9 vehicular and 9 stone arch bridges on ODOT inventory; 7 pedestrian bridges
- 21 acres of parking lots
- 35 miles hiking trails
- 17.59 miles of paved multipurpose trails
- 226,117 square feet of structures
- 3 large lakes/dams; numerous ponds



■ In 2022, MCMP reached the following milestones:

- 5000+ Acres of MetroParks-Owned Property
- 50+ Miles of Trails
- 14 Mahoning County Jurisdictions

Long Range Capital Improvement Planning

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Year	Project Name	Public Grants	Private Donations	MCMF Funds	Total Costs	Comments
2020	Annual Road Improvements	\$ 123,316	\$ -	\$ 226,684	\$ 350,000	ODOT Biennial Funding; East Newport South; Shields to Kridders Entrance and Valley Drive
2020	Annual Parking Lot Improvements	\$ -	\$ 5,500	\$ 150,000	\$ 155,500	East Golf Overflow Lot & Pats Parking Lot
2020	Annual Trail Improvements	\$ -	\$ -	\$ 199,500	\$ 199,500	Bikeway Repairs; VNF Trails; MCF Trails; Glenwood Entrance Plaza
2020	Annual Signage Improvements	\$ -	\$ -	\$ 25,000	\$ 25,000	Confine Road Name & Directional Sign Replacement
2020	Annual Pavillion Improvements	\$ -	\$ -	\$ 25,000	\$ 25,000	Schell Pavilion; Old Log Cabin & Pioneer Masonry Repairs
2020	Annual Comfort Station/Restroom Improvements	\$ 37,245	\$ 1,000	\$ 40,000	\$ 40,000	atc: Surface Transportation I
2020	Bridge Improvements: Old Outcrop Bridge	\$ -	\$ -	\$ 12,513	\$ 12,513	all paving of existing signage
2020	Bikeway: Phase III Construction	\$ -	\$ -	\$ 855,977	\$ 855,977	atc: Surface Transportation I
2020	Wick Res. Area: Maintenance Facility	\$ -	\$ -	\$ 500,000	\$ 500,000	atc: Surface Transportation I
2020	Wick Res. Area: Maintenance Facility	\$ -	\$ -	\$ 55,000	\$ 55,000	atc: Surface Transportation I
2020	Ford Nature Center: Building Redevelopment	\$ -	\$ -	\$ 500,000	\$ 500,000	atc: Surface Transportation I
2020	Mill Creek Wildlife Sanctuary Improvements	\$ -	\$ -	\$ 20,000	\$ 20,000	atc: Surface Transportation I
2020	Mill Creek Preserve Improvements	\$ -	\$ -	\$ 20,000	\$ 20,000	atc: Surface Transportation I
2020	Wick Res. Area: Warming House Renovation	\$ -	\$ -	\$ 500,000	\$ 500,000	atc: Surface Transportation I
2020	Fellows Riverside Gardens Davis Center Repairs	\$ -	\$ -	\$ 75,000	\$ 75,000	atc: Surface Transportation I
2020	Fellows Riverside Gardens Outdoor Education Building	\$ -	\$ -	\$ 100,000	\$ 100,000	atc: Surface Transportation I
Subtotal		\$ 3,744,461	\$ 3,280,500	\$ 2,574,672	\$ 9,599,633	

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Future Capital Improvement Projects 2020 & Beyond

Last Updated: October 29, 2019
Prepared By: Aaron C. Young, Executive Director

Year	Project Name	Third Party Funds		MCMF Funds	Total Costs	Comments
		Public Grants	Private Donations			
2020	Annual Road Improvement Design	\$ 35,000	\$ -	\$ 35,000	\$ 35,000	Design Development/Construction Document Preparation
2020	Ford Nature Center: Building Redevelopment CA	\$ 150,000	\$ -	\$ 150,000	\$ 150,000	Construction Administration Services
2020	Wick Res. Area: Maintenance Facility CA	\$ 35,000	\$ -	\$ 35,000	\$ 35,000	Construction Administration Services
2020	Wick Res. Area: Warming House Renovation Design	\$ 30,000	\$ -	\$ 30,000	\$ 30,000	Design Development/Construction Document Preparation
Subtotal		\$ 374,000	\$ -	\$ 374,000	\$ 374,000	
TOTAL		\$7,024,861	\$ 3,280,500	\$ 2,574,672	\$ 9,869,633	

Year	Project Name	Third Party Funds		MCMF Funds	Total Costs	Comments
		Public Grants	Private Donations			
2021	Annual Road Improvements	\$ 350,000	\$ -	\$ 350,000	\$ 350,000	East Newport North; Kridders to Kiawatha
2021	Annual Parking Lot Improvements	\$ 150,000	\$ -	\$ 150,000	\$ 150,000	Ford Nature Center Parking Lot
2021	Annual Trail Improvements	\$ -	\$ 5,500	\$ 145,500	\$ 150,000	Bikeway Repairs; VNF Trails; MCF Trails
2021	Annual Signage Improvements	\$ -	\$ -	\$ 25,000	\$ 25,000	Regional Facility Signage Replacement
2021	Annual Pavillion Improvements	\$ -	\$ -	\$ 25,000	\$ 25,000	Slippery Rock Pavilion
2021	Annual Comfort Station/Restroom Improvements	\$ 37,500	\$ -	\$ 12,500	\$ 50,000	ODNR Nature Works Grant: East Golf North
2021	Mill Creek Wildlife Sanctuary Improvements	\$ -	\$ -	\$ 20,000	\$ 20,000	Invasive plant species control, habitat restoration & pond improvements
2021	Mill Creek Preserve Improvements	\$ -	\$ -	\$ 20,000	\$ 20,000	Invasive plant species control and habitat restoration: Entrance Drive, Parking & Site Improvements
2021	Ford Nature Center: Exhibit Construction	\$ -	\$ -	\$ 300,000	\$ 300,000	Internal Exhibits
2021	Wick Res. Area: Warming House Renovation	\$ -	\$ -	\$ 500,000	\$ 500,000	Warming House Renovation & Adjacent Site Improvements
2021	Wick Res. Area: Maintenance Facility	\$ -	\$ -	\$ 100,000	\$ 100,000	Master Plan Improvements
2021	Fellows Riverside Gardens Davis Center Repairs	\$ -	\$ -	\$ 75,000	\$ 75,000	Friends Endowment Annual Commitment (Approx 4% of endowment)
2021	Fellows Riverside Gardens Outdoor Education Building	\$ -	\$ -	\$ 100,000	\$ 100,000	Friends Endowment Annual Commitment (Approx 4% of endowment)
Subtotal		\$ 575,000	\$ 5,500	\$ 1,897,000	\$ 2,015,000	

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Subtotal		\$ 374,000	\$ -	\$ 374,000	\$ 374,000	



Review of 2024 Capital Improvements

2024 Budget – Approved Capital Improvement Projects

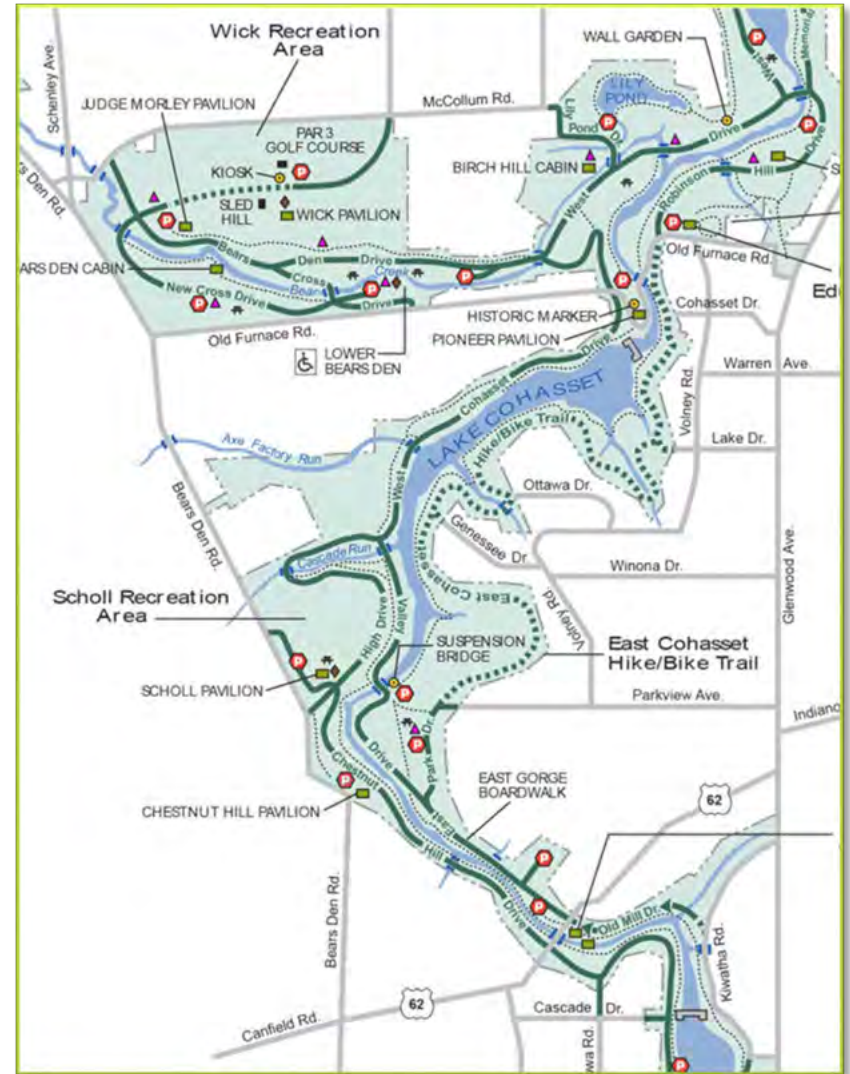
- Annual Road Improvements
- Annual Parking Lot Improvements
- Annual Trail Improvements
- Annual Pavilion / Structure Improvements
- Golf Course Improvements
- Vickers Nature Preserve Improvements
- Lanterman’s Mill Site Improvements
- Wildlife Sanctuary Expansion Site Improvements
- Collier Preserve Improvements
- Fellows Riverside Gardens
 - DD & Velma Davis Center Improvements
 - Beeghly Rose Garden Improvements
 - Fellows Riverside Gardens Site Improvements
- Contracted Design / Contract Administration
 - Annual Pavilion Improvements Design
 - Vickers Nature Preserve Improvements Phase III CA
 - Annual Road Improvements Design & Environmental
- Carryover Projects
 - Wick Recreation Center
 - Hawkins Marsh Improvements
 - Cross Country Course
 - CXT Restroom Installation
 - FRG Children’s Garden Design



Review of 2024 Capital Improvements

Annual Drive Improvements

- **\$350,000 Budgeted**
 - \$107,367 from ODOT/OPRA Park District Road Tax Biennium Allocation
- **Resurfacing of Valley Drive (Suspension Bridge to High Drive), West Cohasset Drive, Lily Pond Drive**
- **Objectives**
 - Improved vehicular and bicyclist/pedestrian circulation
 - Improve stormwater management
 - Work includes asphalt patching, planing and overlay paving, pavement markings, aggregate shoulders
 - Connect network of updated park drives



Review of 2024 Capital Improvements

Annual Drive Improvements

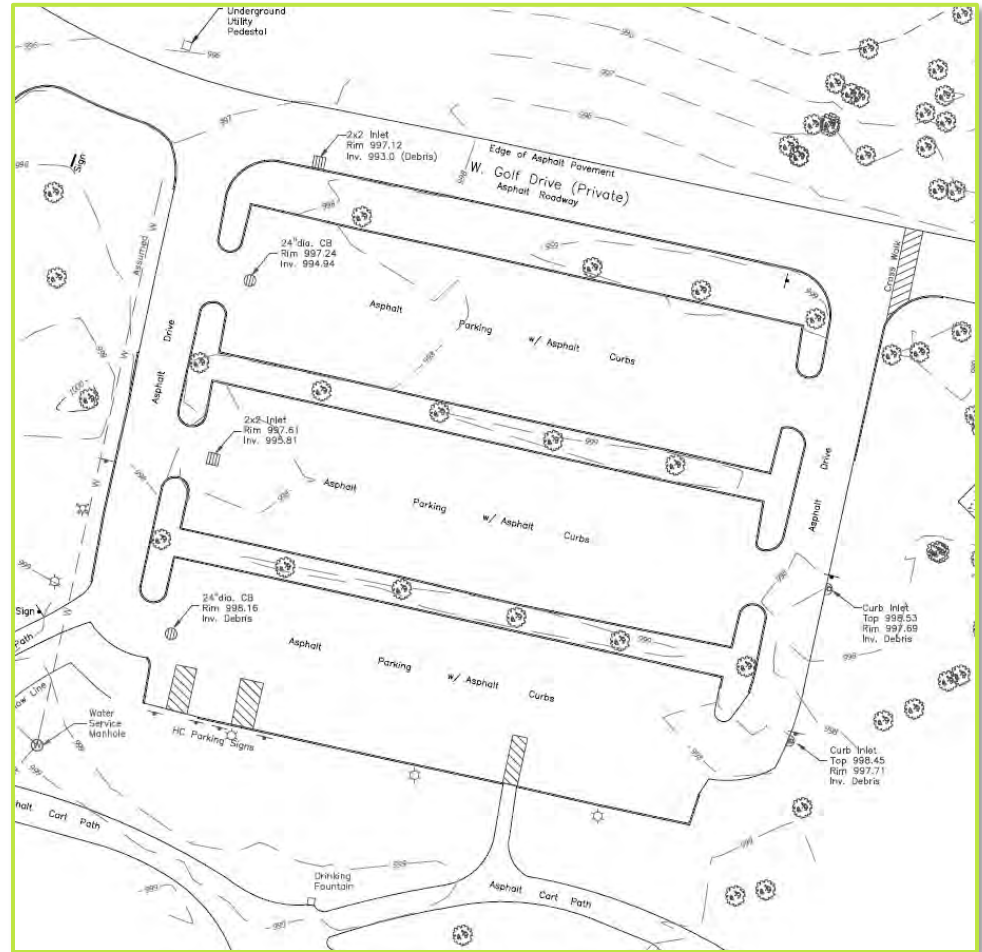


Annual Drive Improvements



Annual Parking Lot Improvements

- \$350,000 Budgeted
- Mill Creek Golf Course - South
 - Improve vehicular, pedestrian and cart circulation
 - Improve safety and trailhead amenities including a crosswalk and bollards
 - Connect the Fieldhouse, cart paths and the E. Golf Fording parking lot
 - Compliment recent trail and parking lot improvements
 - Work includes storm water infrastructure improvements, asphalt paving & pavement markings, curbing, signage, etc.



Annual Parking Lot Improvements



Annual Parking Lot Improvements



Annual Parking Lot Improvements



Annual Parking Lot Improvements



Annual Parking Lot Improvements



Annual Trail Improvements

- **\$250,000 Budgeted**
 - \$29,000 in 3rd party funds
- **Mill Creek Park Hiking Trails**
 - Private philanthropy PENDING
 - West Newport (Newport Dam to Covered Bridge) ONGOING
 - Improvement to trail surfacing, stormwater drainage and infrastructure, signage, access
- **Vickers Nature Preserve**
 - Funded through endowment funding
 - Equestrian trail improvements
 - Resilient aggregate surfacing
 - Improvement to trail surfacing, stormwater drainage and infrastructure, signage, access
- **MetroParks Bikeway**
 - Pavement removal
 - Regrading aggregate base
 - New asphalt courses
 - Shoulder work / berming / seed & mulch



Review of 2024 Capital Improvements

Annual Trail Improvements



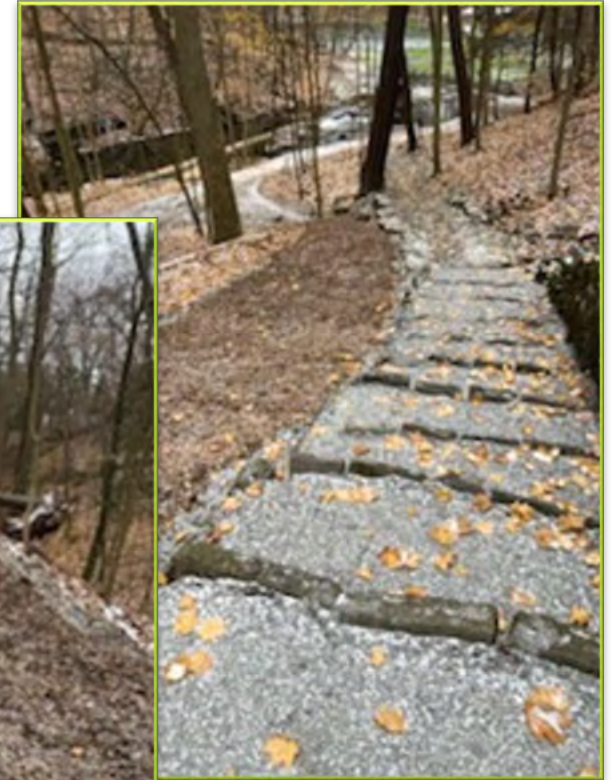
Annual Trail Improvements



Annual Trail Improvements



Annual Trail Improvements



Annual Trail Improvements



Annual Trail Improvements



Annual Trail Improvements



Annual Pavilion / Structure Improvements

- \$100,000 Budgeted
- Vickers Nature Preserve
 - Stable, office, pavilion improvements
- Wick Recreation Area
 - Par 3 Building
 - Bating Cage Roof
- Roof Repairs/Replacement
 - Lanterman's Mill
 - Morley Pavilion
 - Golf Course Fieldhouse
 - Slippery Rock Pavilion
 - Administration Office



Review of 2024 Capital Improvements

Annual Pavilion / Structure Improvements



Annual Pavilion / Structure Improvements



Annual Pavilion / Structure Improvements

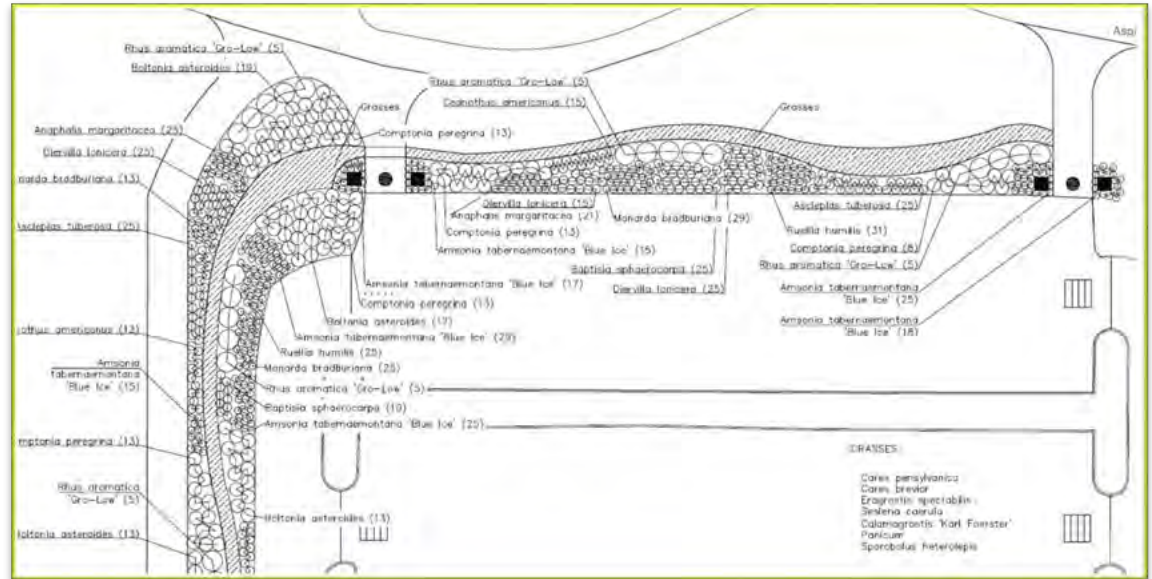


Mill Creek Golf Course Improvements



- \$11,000 Budgeted
 - 100% through Golf Course endowment

- Landscape Bed / Planting Upgrades
 - Improvements to existing landscape areas (formal beds, memorial beds, facility signage areas, etc.)
 - Additional of new landscape areas
 - Landscaping to enhance improves areas
 - Focus on native, low maintenance, plant species
 - Improved surfacing and bed delineation

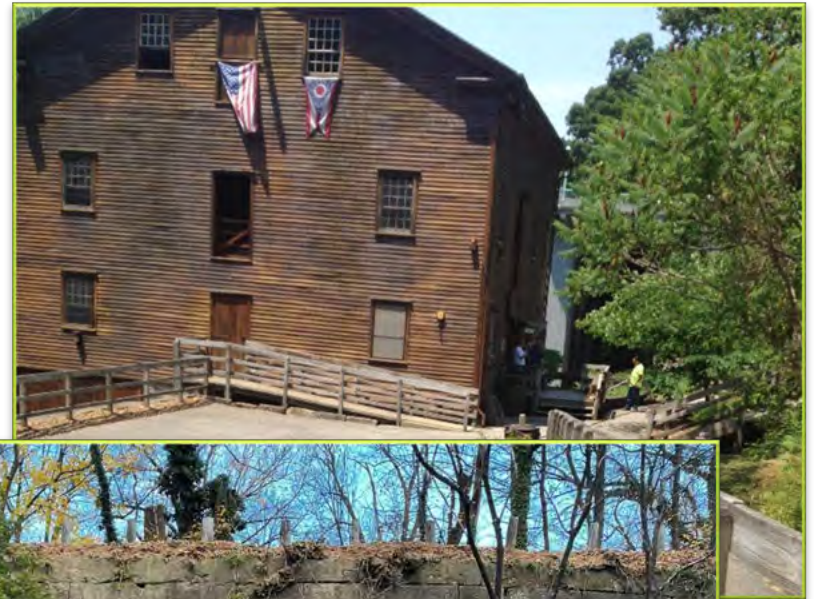


Review of 2024 Capital Improvements



Lanterman's Mill Site Improvements

- \$11,000 Budgeted
 - 100% \$ through Mill endowment funds
- Mill Roof Repair
- Landscape Beds



Lanterman's Mill Site Improvements

- \$11,000 Budgeted
 - 100% \$ through Mill endowment funds
- Mill Roof Repair



Vickers Nature Preserve Improvements

- \$625,000 Budgeted
- Phase III Master Plan Improvements
 - Construction of new 4-season pavilion
 - Frontage Treatment/Curb Appeal
 - Trail Improvements
 - Native Plantings
 - Pedestrian Circulation



Review of 2024 Capital Improvements

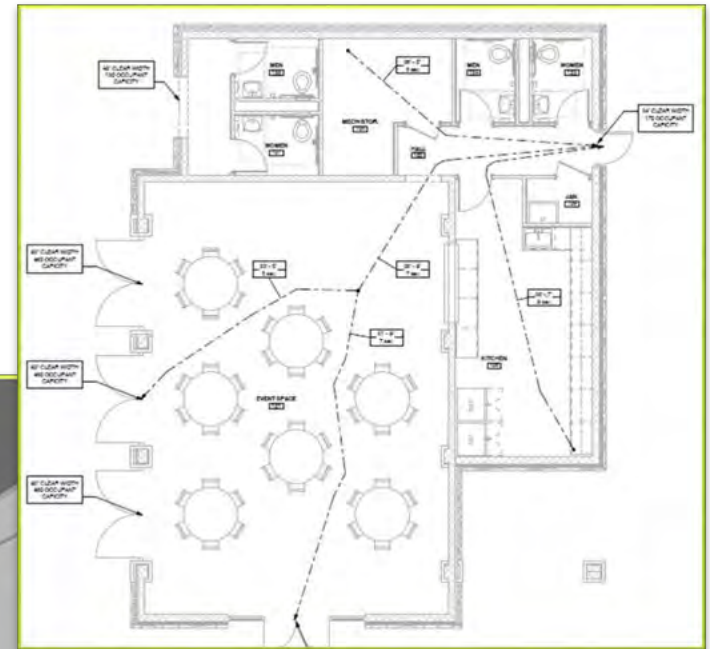
Vickers Nature Preserve Improvements



Vickers Nature Preserve Improvements



Vickers Nature Preserve Improvements



Mill Creek Wildlife Sanctuary Expansion Improvements

- **\$200,000 Budgeted**
 - \$150,000 through Clean Ohio Conservation Fund Grant
- **Site and Accessibility Improvements**
 - New entry drive
 - New parking lot
 - New hiking trail network
- **Habitat Improvements**
 - Ecological Restoration
 - Planting Native Species
 - Vegetative Invasive Species Control
- **Partnership w/ The Nature Conservancy**
 - 30+ acre wetland restoration project



Mill Creek Wildlife Sanctuary Expansion Improvements



Mill Creek Wildlife Sanctuary Expansion Improvements



Mill Creek Wildlife Sanctuary Expansion Improvements



Collier Preserve Improvements

- \$20,000 Budgeted
- Habitat and Site Improvements
- Vegetative Invasive Species Control
- Accessibility Improvements

Fellows Riverside Gardens Improvements

- **\$316,000 Budgeted**
 - \$116,000 through Endowment Funds
- **Davis Education & Visitor Center**
 - Redevelopment plans for Lower Terrace
 - HVAC system upgrades
- **Rose Garden Improvements**
 - Additional and replacement roses
 - Walkway improvements
 - Infrastructure painting
- **FRG Site Improvements**
 - Restroom Upgrades – 4 Season
 - Parking Lot Enhancements



Review of 2024 Capital Improvements

Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Fellows Riverside Gardens Improvements



Professional Consultant Services: Contracted Design / Contract Administration

- Annual Pavilion Improvements Design
 - \$50,000 Budgeted
 - MetroParks Farm Pavilion
 - DD/Construction Document Preparation
 - Roof Repairs
 - Children's Garden Site Preparation

- Vickers Nature Preserve Improvements
 - \$50,000 Budgeted
 - Construction Administration for Phase III Improvements

- Annual Road/Bridge Improvements Design
 - \$50,000 Budgeted
 - Slippery Rock Bridge (West Glacier Drive) Rehabilitation
 - Environmental Surveys & Reporting; DD/Construction Document Preparation



Review of 2024 Capital Improvements

Departmental and Carryover Project Updates

- Wick Recreation Center Redevelopment
- Gorby Family Cross Country Course at the MetroParks Farm
- CXT Restroom Installations
- Hawkins Marsh Improvements
- FRG Children's Garden Design

Wick Recreation Center Redevelopment



Wick Recreation Center Redevelopment



Wick Recreation Center Redevelopment



Gorby Family Championship Cross Country Course at the MetroParks Farm



Review of 2024 Capital Improvements

Gorby Family Championship Cross Country Course at the MetroParks Farm



Gorby Family Championship Cross Country Course at the MetroParks Farm



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Gorby Family Championship Cross Country Course at the MetroParks Farm



Review of 2024 Capital Improvements

CXT Restroom Installation



CXT Restroom Installation



Hawkins Marsh Improvements



FRG Children's Garden Design



FRG Children's Garden Design

Streams Garden View Looking North-West

- Existing building
- Stream with boulders
- Mill Creek Watershed ADA water table
- Waterfall
- Bridge
- Forest garden



VIEW LOCATION

FRG Children's Garden Design

Wonder Rooms Garden View Looking South-East

Domes with colorful flowering vines

Colorful flowering plants

Crusher fines pathways

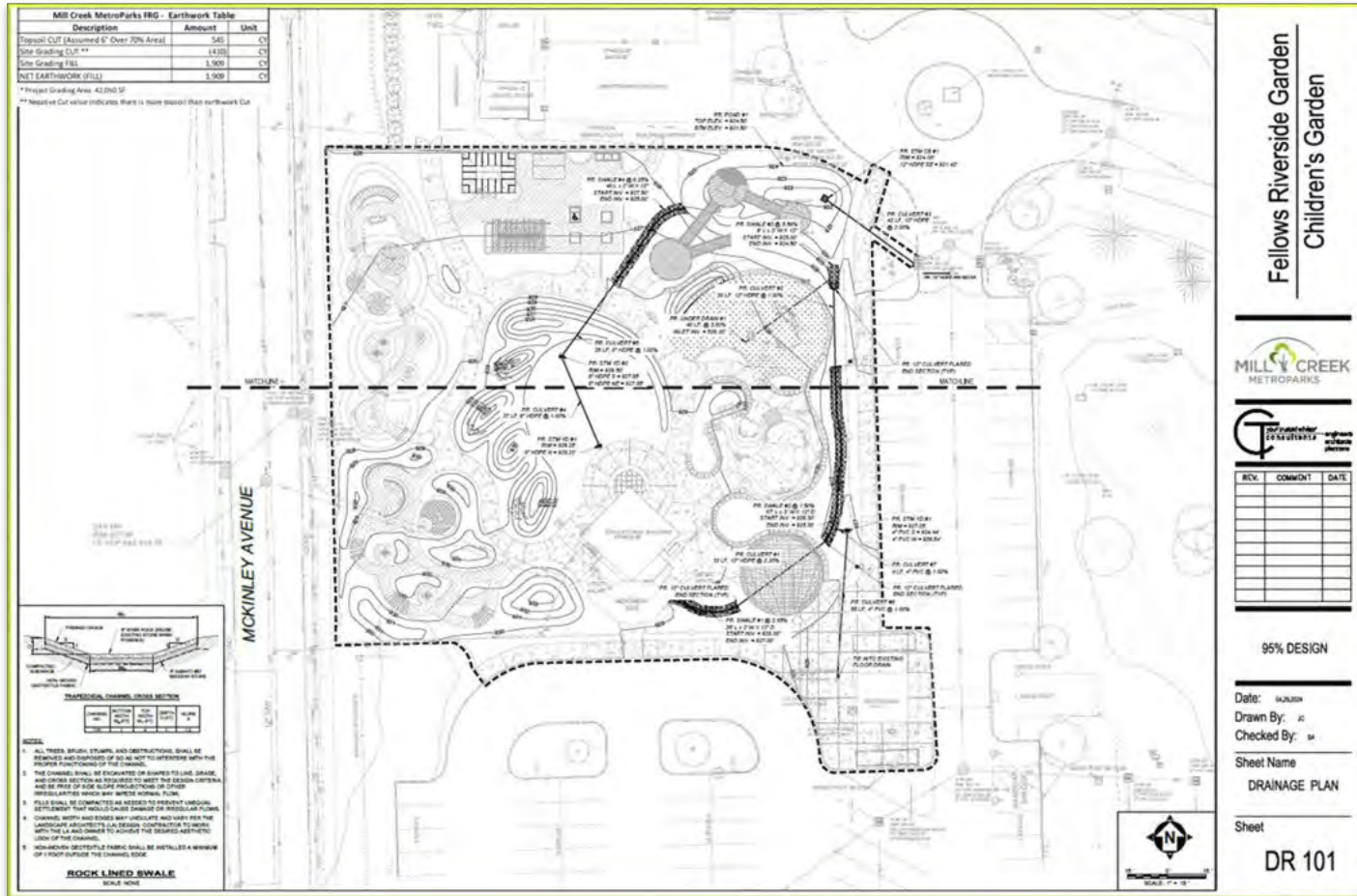
Hedge/green screen

Colorful Pathways & Domes



VIEW LOCATION

FRG Children's Garden Design



Review of 2024 Capital Improvements

Healthy Streams Initiative



Fish Stocking



Hemlock Wolly Adelgid (HWA) Treatment
Beech Leaf Disease (BLD) Treatment
Lake Newport Algae Treatment



Departmental and Carryover Project Updates



Departmental and Carryover Project Updates



Departmental and Carryover Project Updates



Departmental and Carryover Project Updates



Departmental and Carryover Project Updates



Comments or Questions?



EXPLORE. EXPERIENCE. ENJOY.

millcreekmetroparks.org

