

MetroParks Board Meeting Review of 2023 Capital Improvement Projects

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Presentation Outline

- MetroParks Mission Statement
- Strategic Master Plan
- MetroParks Properties/Facilities
- Long Range Capital Planning
- Review of 2023 Capital Improvement Projects
- Review of Professional Consultant Services Status
- Update on Current Projects
- Comments/Questions







Review of 2023 Capital Improvements

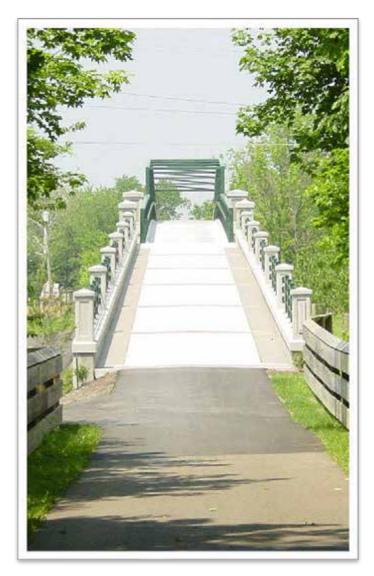
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Mission Statement

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

Link to Mission Statement: http://www.millcreekmetroparks.org/contact/about/mi ssion-statement/





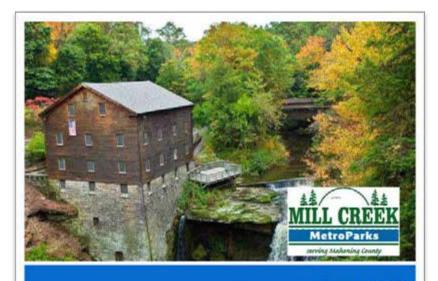
Review of 2023 Capital Improvements

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/wpcontent/uploads/2013/11/Mill-Creek-MetroParks-Strategic-Master-Plan-FINAL.pdf



January 2013 **Comprehensive Parks and Recreation** Strategic Master Plan

pros consult



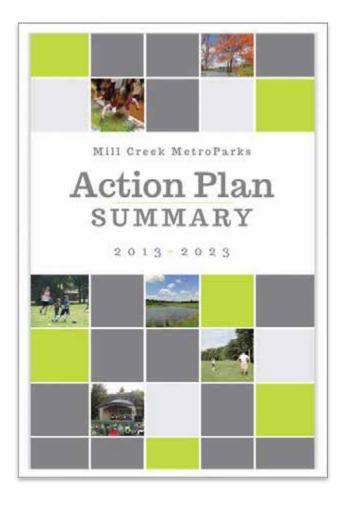


Review of 2023 Capital Improvements

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: http://www.millcreekmetroparks.org/wpcontent/uploads/2013/11/Mill-Creek-MetroParks-Strategic-Master-Plan-FINAL.pdf



Review of 2023 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."

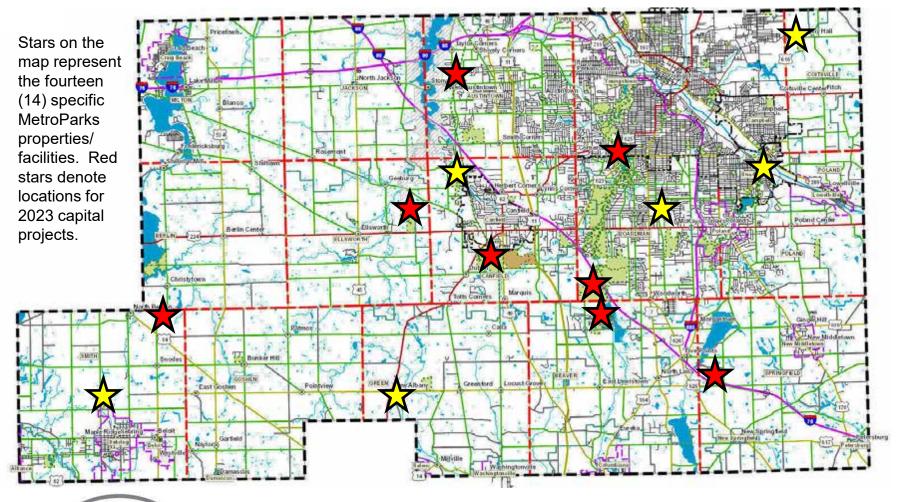






Review of 2023 Capital Improvements

MetroParks Properties/Facilities – Mahoning County



Review of 2023 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
- 20.92 acres of parking lots
- 33+ 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

Review of 2023 Capital Improvements

Long Range Capital Improvement Planning



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Review of 2023 Capital Improvements

2023 Budget: Capital Improvement Projects

- Annual Road Improvements
- Annual Parking Lot Improvements
- Annual Trail Improvements
- Annual Signage Improvements
- Annual Pavilion / Structure Improvements
- Annual Comfort Station / Restroom Improvements
- Golf Course: Indoor Training Facility
- Vickers Nature Preserve Improvements
- Lanterman's Mill Site Improvements
- MetroParks Farm Improvements
- Hawkins Marsh Site Improvements
- Mill Creek Wildlife Sanctuary Improvements
- Collier Preserve Improvements
- Fellows Riverside Gardens Improvements
 - Davis Center; Rose Garden; FRG Site



- Contracted Design / Contract Administration
 - Kirk Road Trailhead
 - FRG Gardens NW: Children's Garden CDs
 - Golf Course Irrigation Design and CDs
- 2022 Carryover Projects
 - Ford Nature Center
 - Wick Recreation Center Redevelopment
 - East Newport Drive (north) Resurfacing (surface course)
 - West Park Drive Infrastructure and Resurfacing
 - East Park Drive Hike & Bike Trail Phase II
 - Springfield Forest Improvements
 - H2Ohio Grant Golf Course Stream & Wetland Restoration

Review of 2023 Capital Improvements

- \$350,000 Budgeted
- Chestnut Hill Drive Infrastructure and Resurfacing
- West Park Drive Phase II Resurfacing
- East Glacier Drive Repair
- Objectives:
 - Improve vehicular and bicyclist/pedestrian circulation
 - Improve stormwater management
 - Compliment recent trail and parking lot improvements
 - Work includes asphalt patching, planing and overlay paving, pavement markings, aggregate shoulders







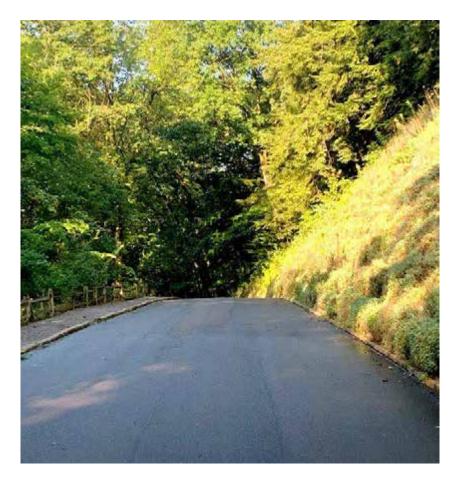
Review of 2023 Capital Improvements

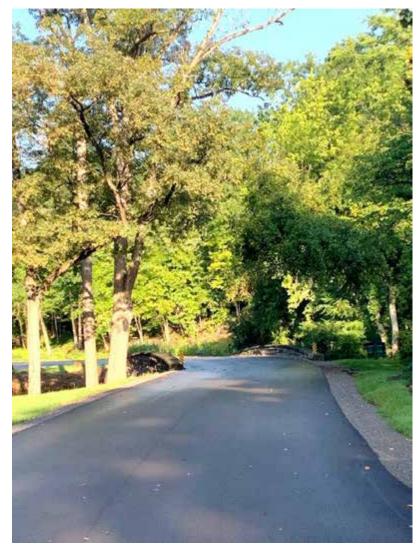






Review of 2023 Capital Improvements

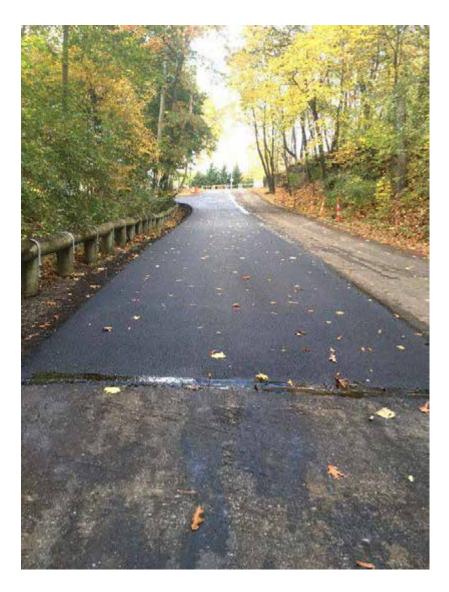






Review of 2023 Capital Improvements







Review of 2023 Capital Improvements

Annual Parking Lot Improvements

- \$225,000 Budgeted
- East Golf Hike & Bike Trail: South (224) Parking Lot
- Objectives
 - Expand number of parking stalls
 - Improve vehicular and bicyclist/pedestrian circulation
 - Improve trailhead amenities
 - Work includes excavation, grading, asphalt paving & pavement markings, signage, bollards and gates







Review of 2023 Capital Improvements

Annual Parking Lot Improvements





Review of 2023 Capital Improvements





Review of 2023 Capital Improvements

Annual Trail Improvements

- \$229,000 Budgeted
 - \$105,000 in 3rd party funds
- Mill Creek Park Hiking Trails
 - 100% Funded through private philanthropy
 - East Cohasset Trail; Pioneer Pavilion to Cohasset Dam on West Cohasset Trail
 - Improvement to trail surfacing, stormwater drainage and infrastructure, signage, access
- Vickers Nature Preserve
 - 100% Funded through endowment funding
 - Equestrian trail improvements
 - Resilient aggregate surfacing
- MetroParks Bikeway
 - Pavement repair; Crack-filling; Asphalt overlay; Berming
 - Three (3) unsuccessful bids







Review of 2023 Capital Improvements

Annual Trail Improvements







Review of 2023 Capital Improvements

Annual Trail Improvements







Review of 2023 Capital Improvements

Annual Signage Improvements

- \$25,000 Budgeted
- Facility Signage
 - Regional facilities
- Mill Creek Park Road Names & Wayfinding Signage
 - Newport and Golf Sections





Review of 2023 Capital Improvements



Annual Signage Improvements







Review of 2023 Capital Improvements

Annual Signage Improvements





Margaret Cushwa Education Duilding THROUGH SUPPORT OF THE COMMERCIAL INTERTECH FOUNDATION

Interesting Features of the Bears Den Area

ROCK FORMATIONS

Naming and design of this libbre park area was undertaken by Mall Creek Park founder Volney Rogers and Landscape Archited Warren Namming years before acquiring fills land to 1921. The hermock goings, here standing sandatone boulders and Bear Creek all contribute to the naming of this section of the park. Creek as commode to the saming of this section the park initionically, the area was used for piciciticiting and camping, and was home to the Bears Des Stone Guarry Many structures (buildings, relating walls, stone curbing and gutters, etc.) Throughout the Mill Creek Park were constructed with seadofore from this area.

with searcace room may area. Many drives and bindges were constructed throughout this area in the late 920s and early 1930s. These facilities include Bears Den Drive, Cross Drive, Bear Creek Hildings, and Dividing Systemore Bridge. Bears Den Cable was constructed in 1931, interficiently located to overloak the herbick and sandstore goinge to the north.

EASTERN HEMLOCK



NORTHERN BLACK WIDOW

While their presence is rare, both the Northers Black Widow (Labodectus variedus) and Southern Black Widow (Labodectus mactana) are native to Ohio and can be found throughout the State. They are most common throughout the southern portions of the State, however, the Northern Black Widow has been found as far north as Ashtabula County.

Only the female Black Widows pose a bite risk to humans are much larger in size as compared to the males - females characterized by their shiny jet-black bodies contrasted by distinctive red-orange spots and a red hourglass-shaped marking on their abdomen. A population of these native spiders was discovered in the Pears Den area in 2022, and shelle the risk for conflict is extremely low, park users should remain vigilante when recreating in the area.

Ongoing Challenges

HEMLOCK WOOLLY ADELGID HEMICOCK WOOCLY ADELCOD
HEMICO

BEECH LEAF DISEASE

BEECH LEAF DISEASE originating transmission Lake County in 2012. Broginating transmission affecting American Brech (Fagure BLD) is a phenomenon affecting American Brech (Fagure Standard Standard Standard Standard Standard Standard Canogr reduction which over time can cause tree deciles and/or the ministry. It is believed that the taid symptoms originate from damage inflicted by nematodes. Intercretocade vensible, but research nematis doping to better understand this disease and potential options to help manage in IBD was final discovered in MIR Creek Park near the Lantermans MIII in 2018, but now can be found throughout all areas of the Park.



Review of 2023 Capital Improvements



Annual Pavilion Improvements

- \$25,000 Budgeted
- Vickers Nature Preserve
 - Stable, office, pavilion improvements
- Chestnut Hill Pavilion
 - Plumbing and sanitary Repairs and Improvements



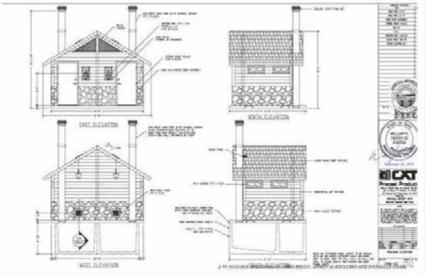


Review of 2023 Capital Improvements

<u>Annual Comfort Station/</u> <u>Restroom Improvements</u>

- \$75,000 Budgeted
- Construction of new, precast concrete, vault restroom
 - East Golf Hike & Bike Trail (South)
 - New CXT restroom incorporated into improved trailhead facility
 - Double unit with concrete construction
 - Currently under environmental review by OEPA for Permit to Install (PTI)
- Construction of new CXTs pending at:
 - Newport Wetlands
 - Golf Course (South)



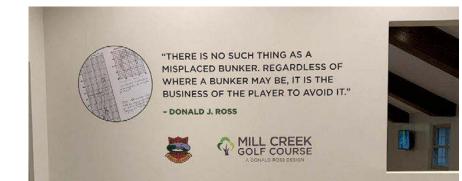




Review of 2023 Capital Improvements

<u>Mill Creek Golf Course –</u> <u>Indoor Training Facility</u>

- \$650,000 Budgeted
 - \$11,000 through Golf Course endowment
 - Paired with 2022 carryover funding
- Fieldhouse 2nd Floor Redevelopment
 - Three (3) Bays with Golf Simulators
 - Putting Green
 - Club Fitting Area
 - Office
 - Restrooms
 - Storage





Review of 2023 Capital Improvements



<u>Mill Creek Golf Course –</u> Indoor Training Facility



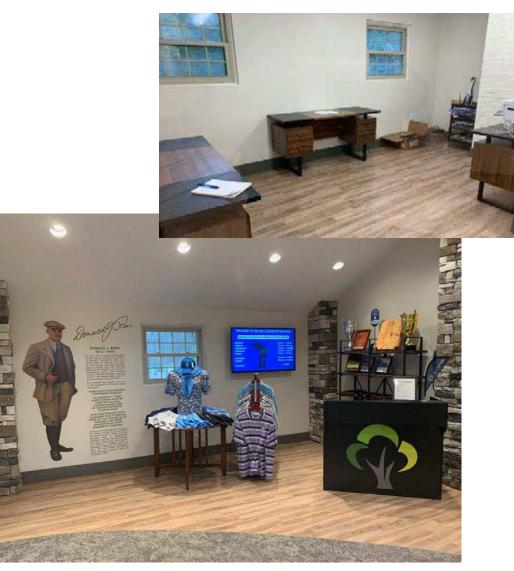




Review of 2023 Capital Improvements

<u>Mill Creek Golf Course –</u> <u>Indoor Training Facility</u>





Review of 2023 Capital Improvements



<u>Mill Creek Golf Course –</u> <u>Indoor Training Facility</u>





Review of 2023 Capital Improvements

Vickers Nature Preserve Improvements

- \$350,000 Budgeted
 - \$5,500 through endowment funds
- Phase II Master Plan Improvements
 - Vehicular, Equestrian and Pedestrian Circulation
 - Public Parking Lot
 - Truck & Horse Trailer Parking Lot
 - Frontage Treatment/Curb Appeal
 - Stable/Horse Drop-off Improvements
 - Stormwater Management Infrastructure
 - Trail Improvements
 - Native Plantings





Review of 2023 Capital Improvements

Vickers Nature Preserve Improvements







Review of 2023 Capital Improvements

Vickers Nature Preserve Improvements



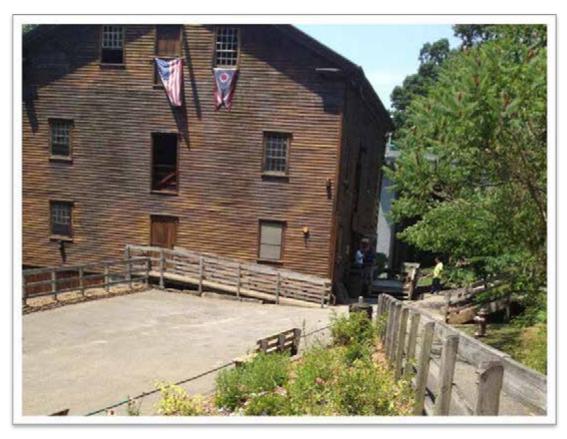


Review of 2023 Capital Improvements

Lanterman's Mill Site

Improvements

- \$11,000 Budgeted
 - 100% \$ through Mill endowment funds
- Mill Improvements
 - Upgrades to electrical system
 - In-house





Review of 2023 Capital Improvements

<u>MetroParks Farm</u> <u>Improvements</u>

- \$50,000 Budgeted
- NCAA Cross Country Course Phase II
 - Enhance Farm XC course with signage, mapping, utilities, markings, amenities, final surfacing, etc.
 - Provide access for use by public, schools, etc.





Review of 2023 Capital Improvements

<u>MetroParks Farm</u> <u>Improvements</u>







Review of 2023 Capital Improvements

millcreekmetroparks.org

MILL CREEK

MILE

1.61 km

MetroParks Farm Improvements





Review of 2023 Capital Improvements

<u>MetroParks Farm</u> <u>Improvements</u>







Review of 2023 Capital Improvements

<u>Hawkins Marsh Site</u> Improvements

- \$190,196 Budgeted
 - \$142,647 from Clean Ohio Conservation Fund
- Improvements to Improve Accessibility
 - Aggregate entry drive
 - Aggregate parking lot
 - Improved trail system
 - Habitat restoration
 - Signage, kiosk and benches





Review of 2023 Capital Improvements

Hawkins Marsh Site Improvements







Review of 2023 Capital Improvements

Hawkins Marsh Site Improvements







Review of 2023 Capital Improvements

Mill Creek Wildlife Sanctuary & Collier Preserve Improvements

- \$40,000 Budgeted
- Objectives: Habitat Improvements; Vegetative Invasive Species Control; Site and Accessibility Improvements







Review of 2023 Capital Improvements

Fellows Riverside Gardens Improvements

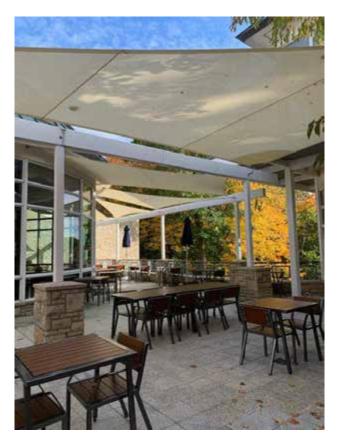
- \$127,000 Budgeted
 - 100% through Endowment Funds
- Davis Education & Visitor Center
 - Terrace Shade Structures and Furniture
 - Partial Carryover from 2022
 - \$105,000 Expended
- Rose Garden Improvements
 - \$11,000 Expended
- FRG Site Improvements
 - \$11,000 Expended





Review of 2023 Capital Improvements

Fellows Riverside Gardens Improvements







Review of 2023 Capital Improvements

Fellows Riverside Gardens Improvements







Review of 2023 Capital Improvements

Professional Consultant Services: Contracted Design / Contract Administration

- MetroParks Bikeway Kirk Road Trailhead
 - \$25,000.00 Budgeted
 - Pavilion Improvements
- Fellows Riverside Gardens Site Improvements
 - \$155,920.00 Budgeted
 - Gardens NW: Children's Garden: DD/Construction Document Preparation
- Mill Creek Golf Course: North & South Course Irrigation
 - \$100,000.00 Budgeted
 - DD/Construction Document Preparation



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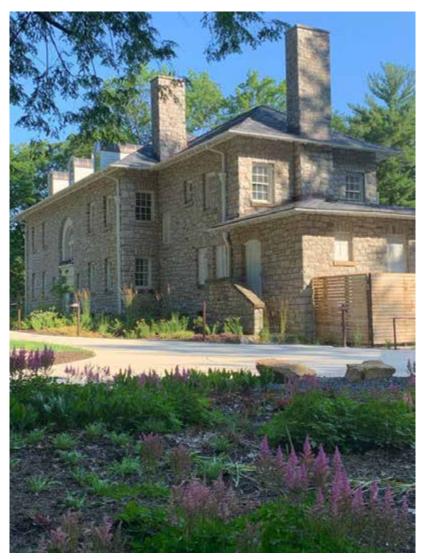


- Contracted Design / Contract Administration
 - Kirk Road Trailhead
 - FRG Gardens NW: Children's Garden CDs
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Review of 2023 Capital Improvements

- Grand Opening 4/22/23
- \$3,000,000 Third Party Philanthropy







Review of 2023 Capital Improvements





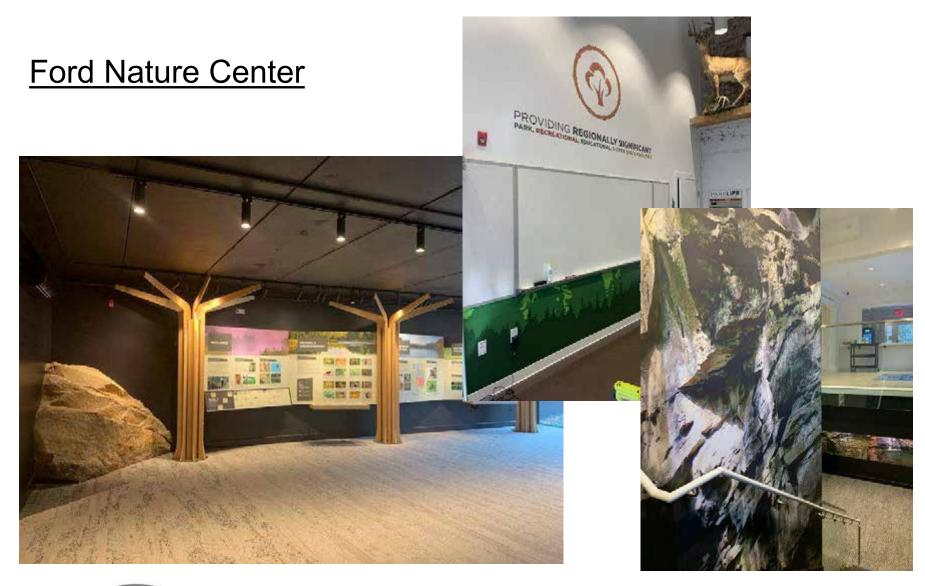


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Review of 2023 Capital Improvements







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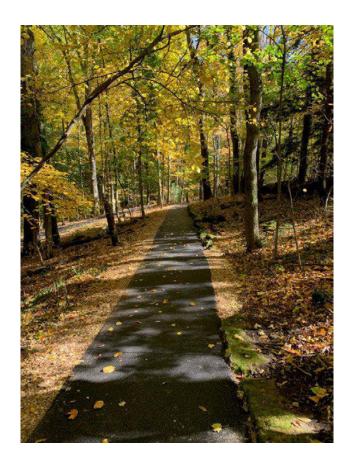








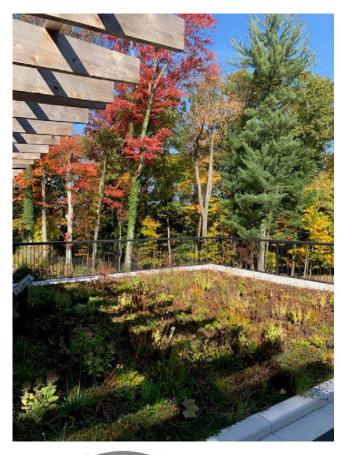
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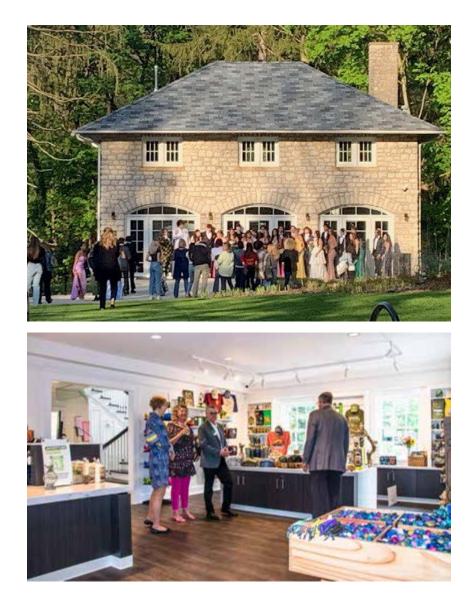




Review of 2023 Capital Improvements

<u>Ford Nature Center -</u> <u>Awards</u>

- Ohio Parks & Recreation Association (OPRA) Awards of Excellence
- American Architecture Award
- American Institute of Architects (AIA) Cleveland Chapter Award
- Cleveland Restoration Award
- Mahoning Valley Historical Society (MVHS) Preservation Award



MILLECREEK

Review of 2023 Capital Improvements

Wick Recreation Center

- Under Construction
- \$1,300,000.00 Budgeted





Review of 2023 Capital Improvements

Wick Recreation Center







East Newport Drive (north)

- Kreider's Entrance to Kiwatha Dr.
- \$200,000.00 Budgeted
- Resurfacing, pavement markings, aggregate berming





MILLYCREEK

Review of 2023 Capital Improvements

- Lily Pond Drive to Old Furnace Road
- \$250,000 Budgeted
 - \$115,115.70 Grant-funding
- Infrastructure (storm water, curbing)
- Resurfacing, pavement markings, aggregate berm

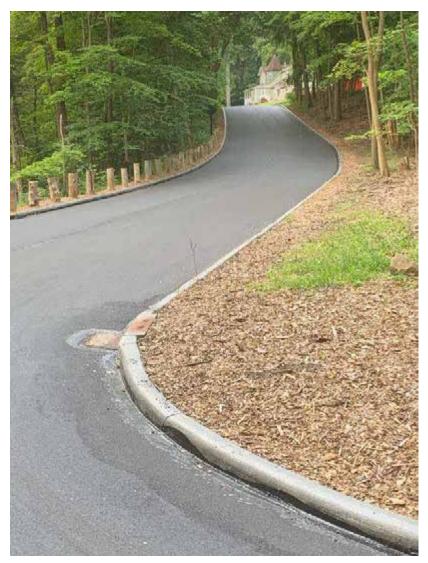






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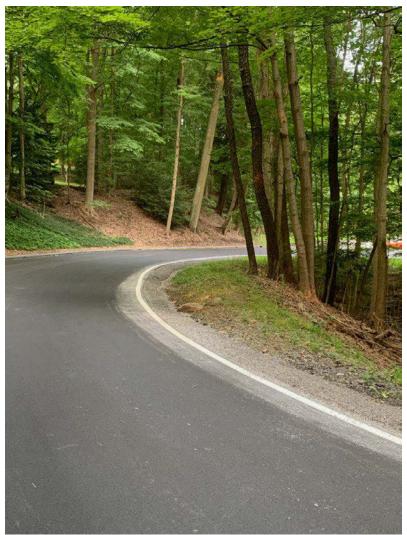
Review of 2023 Capital Improvements





Review of 2023 Capital Improvements







Review of 2023 Capital Improvements

East Park Hike & Bike Trail (Phase II)

- Lanterman's Mill Overflow (Idora) Lot to East Cohasset Hike & Bike Trail at East Park Drive
- Construction of new, paved, hike & bike trail section
- \$170,000.00 Budgeted
 - \$136,000 Grantfunded
- Connects 7+ miles of dedicated trail in Mill Creek Park from US224 to Old Furnace Road





Review of 2023 Capital Improvements

East Park Hike & Bike Trail (Phase II)





Review of 2023 Capital Improvements

Springfield Forest

- Completion of Improvements Project
- Grand Opening 5/26/23





Review of 2023 Capital Improvements

Springfield Forest







Review of 2023 Capital Improvements

<u>Mill Creek Golf</u> <u>Course Stream &</u> <u>Wetland Restoration</u> <u>Project</u>

- H2Ohio Grant (state)
- \$151,377.00 Budgeted
 - \$136,177.00 Grantfunded
- 4.92 acres of wetlands, floodplain, and riparian areas restored
- 1859' of stream restored
- Native plants installed; invasive plants removed





Review of 2023 Capital Improvements

Mill Creek Golf Course Stream & Wetland Restoration Project







Review of 2023 Capital Improvements

Mill Creek Golf Course Stream & Wetland Restoration Project

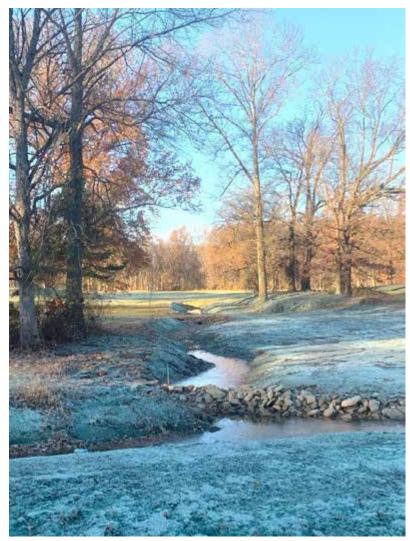




Review of 2023 Capital Improvements

Mill Creek Golf Course Stream & Wetland Restoration Project







Review of 2023 Capital Improvements

Mill Creek Healthy Streams Initiative







Review of 2023 Capital Improvements

<u>Hemlock Wooly Adelgid</u> (HWA) Treatment by the Nature Conservancy (TNC)







Review of 2023 Capital Improvements

Lake Newport Algae Treatment





Review of 2023 Capital Improvements

Fish Stocking

- Partnership with the Ohio Department of Natural Resources (ODNR) at Lake Glacier
- Additional fish stocked at Yellow Creek Park, MetroParks Farm (2), Vickers Nature Preserve







Review of 2023 Capital Improvements

Partners & Volunteers: YSU Legacy Forest







Review of 2023 Capital Improvements

Partners & Volunteers: Operation Pollination







Review of 2023 Capital Improvements

Partners & Volunteers





Review of 2023 Capital Improvements

- Wick Recreation Area Tree Planting
- Cross Country Course





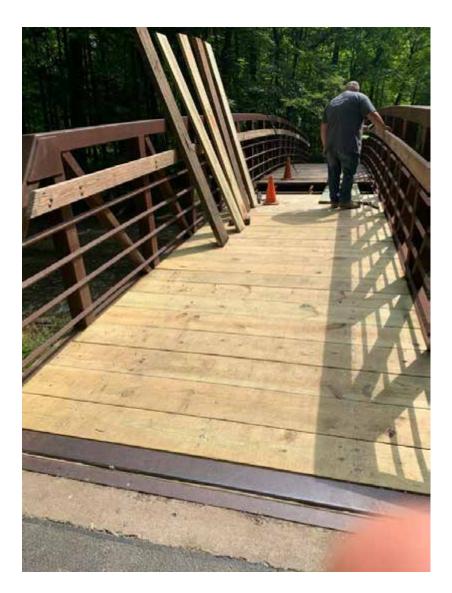




Review of 2023 Capital Improvements

- Fording Bridge Decking Replacement
- Trail Improvements







Review of 2023 Capital Improvements

- Scholl Recreation Area
 - Playground repairs, drainage, and surfacing







Review of 2023 Capital Improvements

- East Newport Boat Launch
 - Repairs, drainage, and surfacing
- Lily Pond Repairs
- Vickers infrastructure installation
- Fellows Riverside Gardens fountain repair







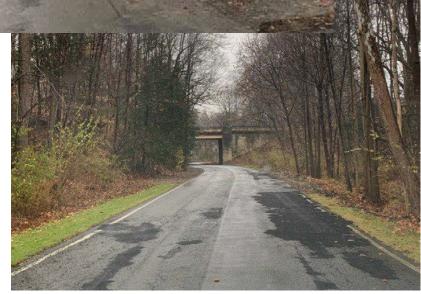
Review of 2023 Capital Improvements

- Hiking Trail repairs
- Kreider's Entrance
 - Asphalt pepairs, stormwater drainage, grading





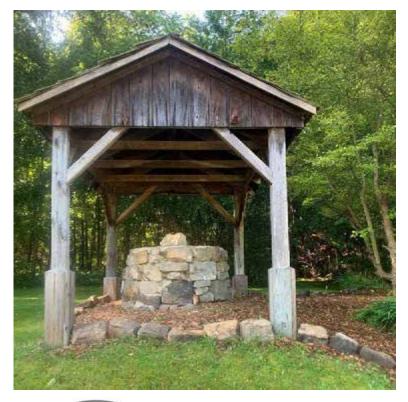






Review of 2023 Capital Improvements

- McGuffey Wildlife Preserve
 - General repairs/updates







Review of 2023 Capital Improvements

Thank you to Planning, Natural Resources, and Operations personnel for an overwhelmingly successful 2023!



Review of 2023 Capital Improvements

Comments or Questions?



EXPLORE. EXPERIENCE. ENJOY.

