

Appendix

Cleveland Metroparks 10-year Performance Summary

December 2021



**Cleveland
Metroparks®**

**SECOND
CENTURY OF
STEWARDSHIP**

2022 SYSTEM PLAN

Cleveland Metroparks Performance Summary

A 10-Year Look Back



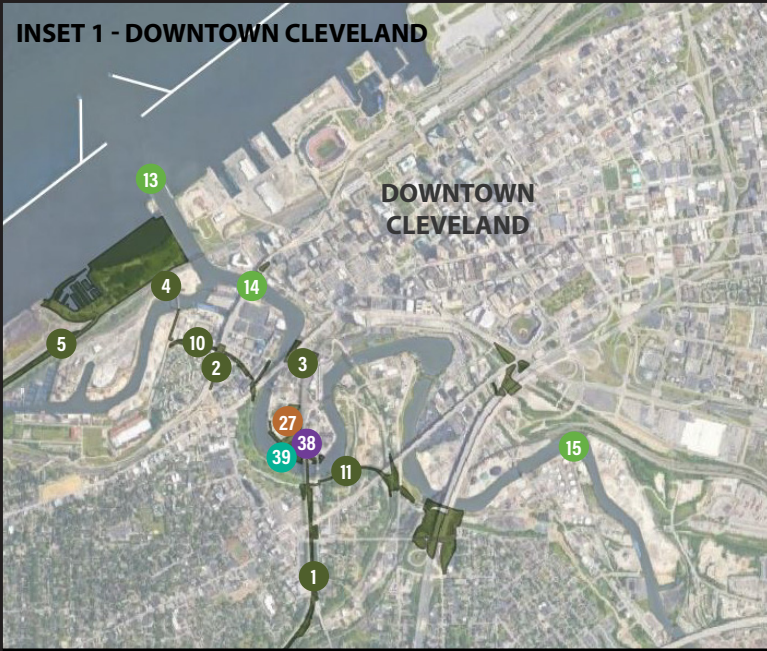
Acknowledgements



Accomplishments summarized in this document are a result of the hard work of Cleveland Metroparks staff, Board of Park Commissioners, and many partners, volunteers, and donors. This work is supported by dedicated staff throughout the 18 reservations and in all departments of the organization. Most of all, support from residents of Cuyahoga County and Hinckley Township allows Cleveland Metroparks to continue to deliver outstanding service and to achieve national recognition, including the 2021 National Gold Medal “Best in Nation” Award for Excellence in Park and Recreation Administration from the American Academy for Park and Recreation Administration.



INSET 1 - DOWNTOWN CLEVELAND

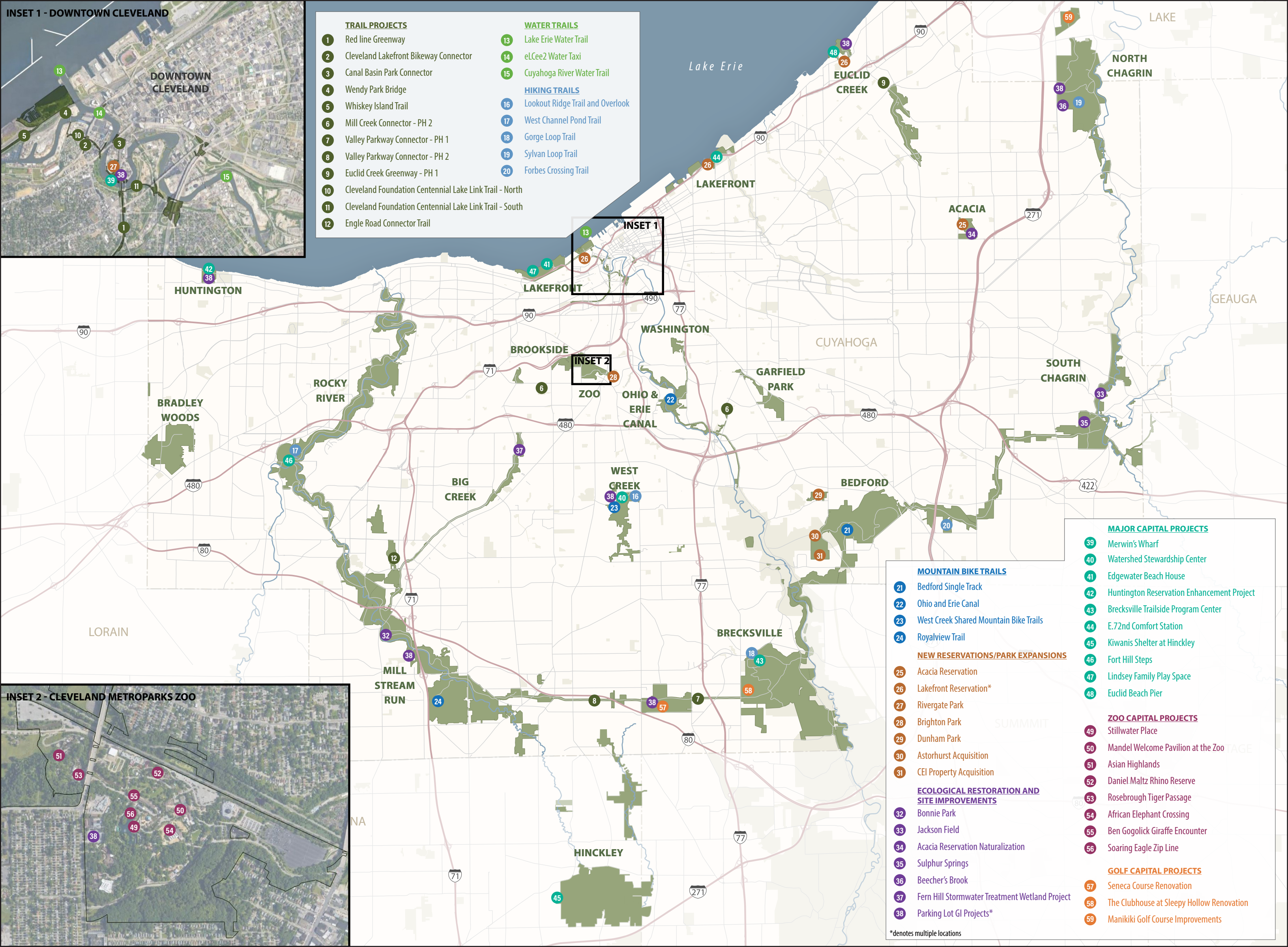


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- Merwin's Wharf
- Watershed Stewardship Center
- Edgewater Beach House
- Huntington Reservation Enhancement Project
- Brecksville Trailside Program Center
- E 72nd Comfort Station
- Kiwanis Shelter at Hinckley
- Fort Hill Steps
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- Euclid Beach Pier

Zoo Capital Projects:

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- Asian Highlands
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- Rosebrough Tiger Passage
- African Elephant Crossing
- Mandel Welcome Pavilion at the Zoo
- Ben Gogolick Giraffe Encounter
- Soaring Eagle Zip Line

Golf Capital Projects:

- Seneca Course Renovation
- The Clubhouse at Sleepy Hollow Renovation
- Manikiki Golf Course Improvements

* Denotes multiple locations

Red Line Greenway

The Red Line Greenway is a 2.0 mile all purpose trail that follows the Greater Cleveland Regional Transit Authority's (RTA) Red Line transit corridor in the City of Cleveland. It connects the Michael Zone Recreation Center at W. 53rd Street with the Cleveland Foundation Centennial Lake Link Trail at Columbus Road and Franklin Avenue.

Project Type: All Purpose Trail

Completion Date: 5/12/2021

Project Size: Nearly 2 miles

Total Cost: \$6,983,975

Certifications and Awards:

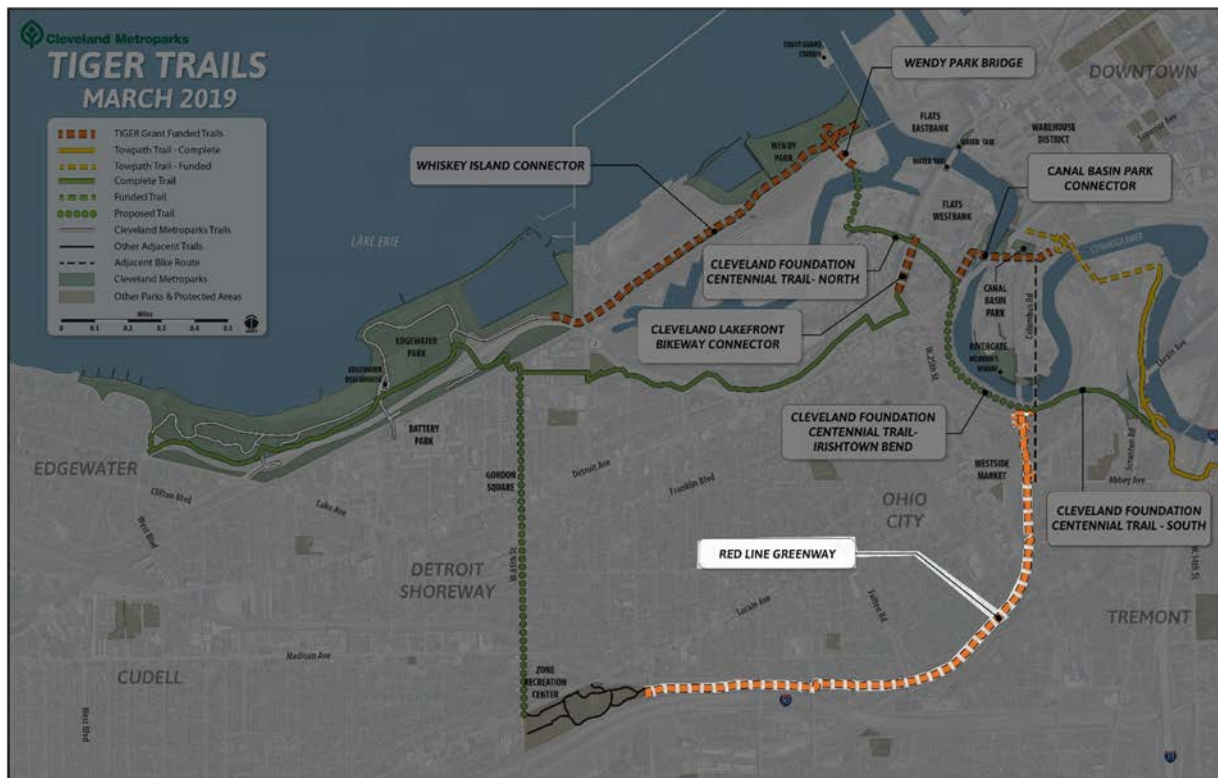
- 2021 NACPRO Award for Trails and Corridors
- 2021 NRPA Award for Innovation in Social Equity
- 2021 GCTGC Project Award

Partners:

- LAND studio
- The Trust for Public Land
- Greater Cleveland Regional Transit Authority (RTA)
- Northeast Ohio Areawide Coordinating Agency (NOACA)
- Cleveland Rotary Club

Consultants and Contractors include:

- Michael Baker International
- Mark Haynes Construction



Cleveland Lakefront Bikeway Connector and Canal Basin Park Connector

The Cleveland Lakefront Bikeway (CLB) extends 17 miles across the City of Cleveland. The CLB Connector links the Cleveland Foundation Centennial Lake Link Trail and the CLB.

The Canal Basin Park Connector connects users from the northern terminus of the Towpath Trail at Canal Basin Park to the Cleveland Foundation Centennial Lake Link Trail. The trail also provides access to Heritage Park I on the east bank of the Flats and Heritage Park II on the west bank of the Flats.

Project Type: All Purpose Trail

Completion Date: 9/3/2019

Project Size: 0.19 miles/ 0.35 miles

Total Cost: \$736,750

Certifications and Awards:

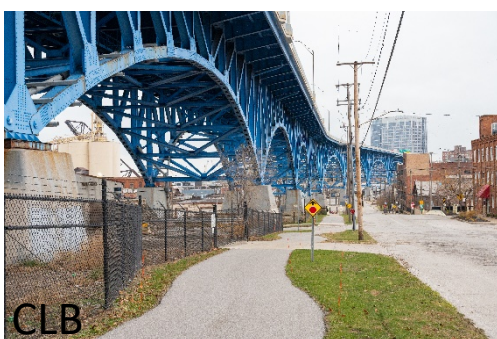
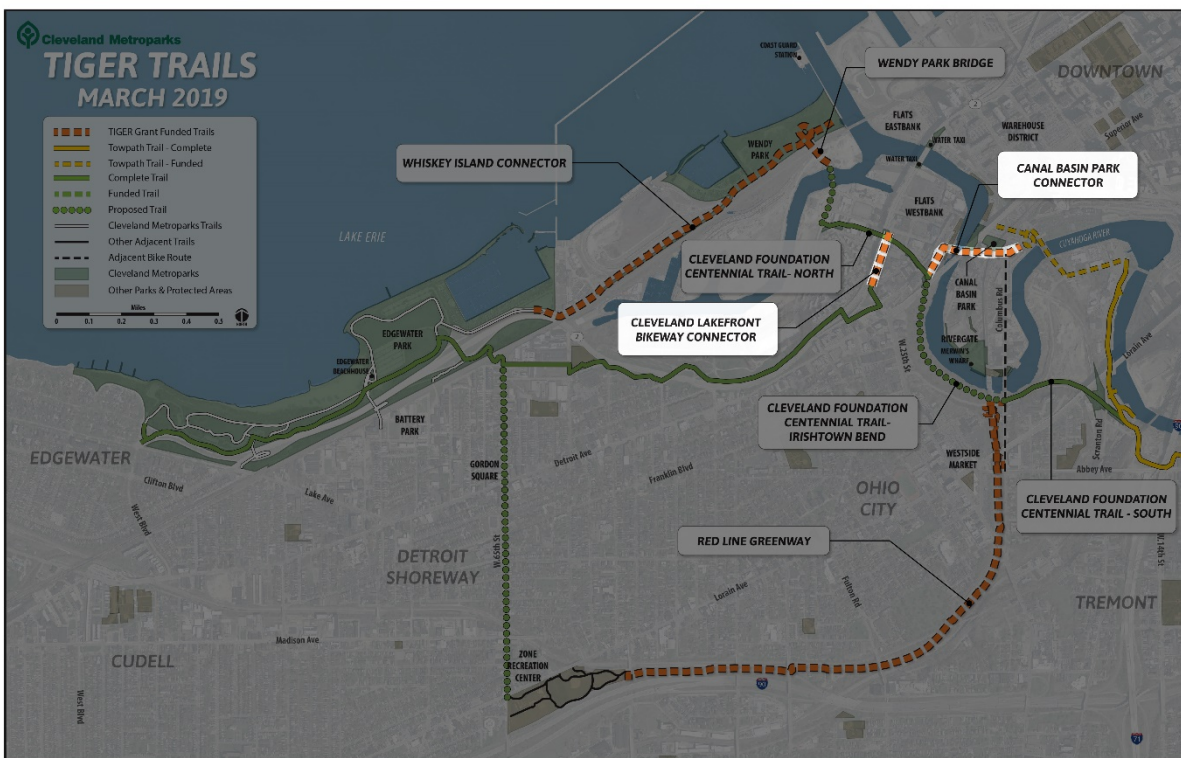
- 2021 NACPRO Award for Trails and Corridors
- 2021 NRPA Award for Innovation in Social Equity
- 2021 GCTGC Project Award

Partners:

- LANDStudio
- The Trust for Public Land

Consultants and Contractors include:

- Michael Baker International
- Schirmer Construction



Wendy Park Bridge

Wendy Park Bridge links the Cleveland Foundation Centennial Lake Link Trail to Wendy Park on Whiskey Island. The 500-foot-long bridge extends over the Norfolk-Southern railroad tracks to provide safe passage for pedestrians.

Project Type: All Purpose Trail

Completion Date: 6/24/2021

Project Size: 626 feet

Total Cost: \$5,624,774

Certifications and Awards:

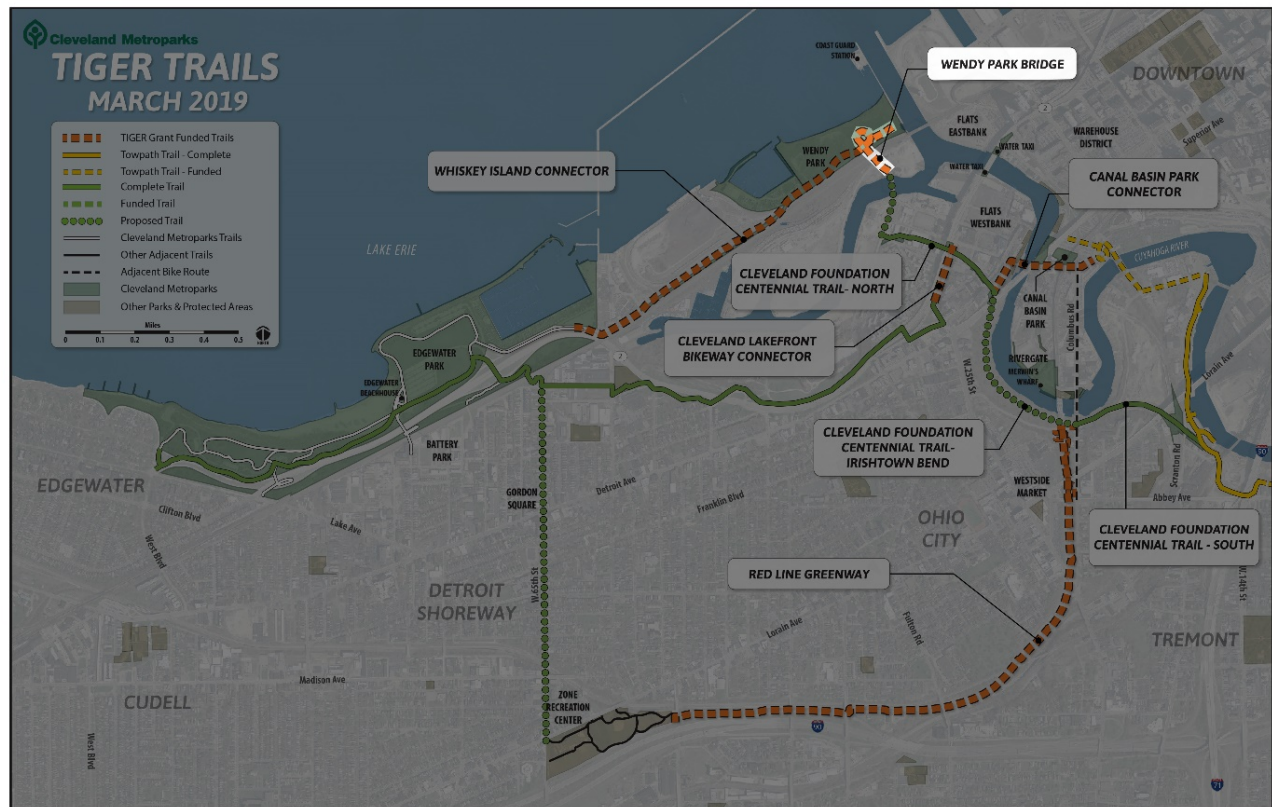
- 2021 NACPRO Award for Trails and Corridors
- 2021 NRPA Award for Innovation in Social Equity
- 2021 GCTGC Project Award

Partners:

- LANDStudio
- Trust for Public Land
- Wendy Park Foundation

Consultants and Contractors include:

- Great Lakes Construction Co.
- KS Associates



Whiskey Island Trail

Whiskey Island Trail connects Edgewater Park to Whiskey Island with an all purpose trail. The trail provides a safe, off-road connection with informational spaces, detailing the rich history of Cleveland's lakefront.

Project Type: All Purpose Trail

Completion Date: 6/24/2021

Project Size: 1.2 miles

Total Cost: \$3,646,114

Certifications and Awards:

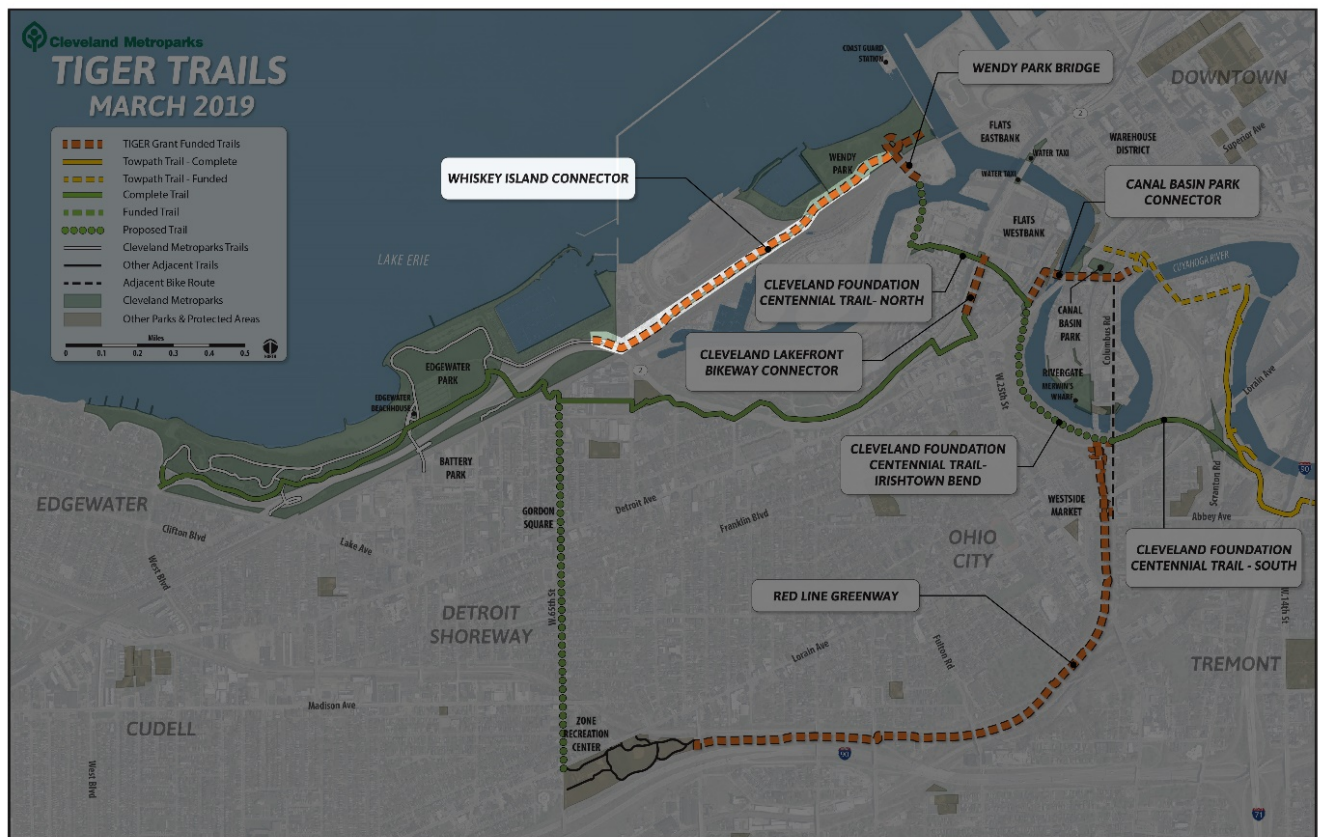
- 2021 NACPRO Award for Trails and Corridors
- 2021 NRPA Award for Innovation in Social Equity
- 2021 GCTGC Project Award

Partners:

- LAND studio
- The Port of Cleveland
- The Trust for Public Land
- Ohio Department of Natural Resources
- Cleveland Water Department
- Northeast Ohio Regional Sewer District

Consultants and Contractors include:

- E.L. Robinson Engineering Co
- Mark Haynes Construction



Mill Creek Connector Trail- Phase 2

The Mill Creek Connector Trail is an all purpose trail that connects the Towpath Trail in the Ohio and Erie Canal Reservation through Bacci Park to Garfield Boulevard. The first phase was built through Bacci Park in 2007.

Project Type: All Purpose Trail

Completion Date: 6/28/2017

Project Size: 1.1 miles

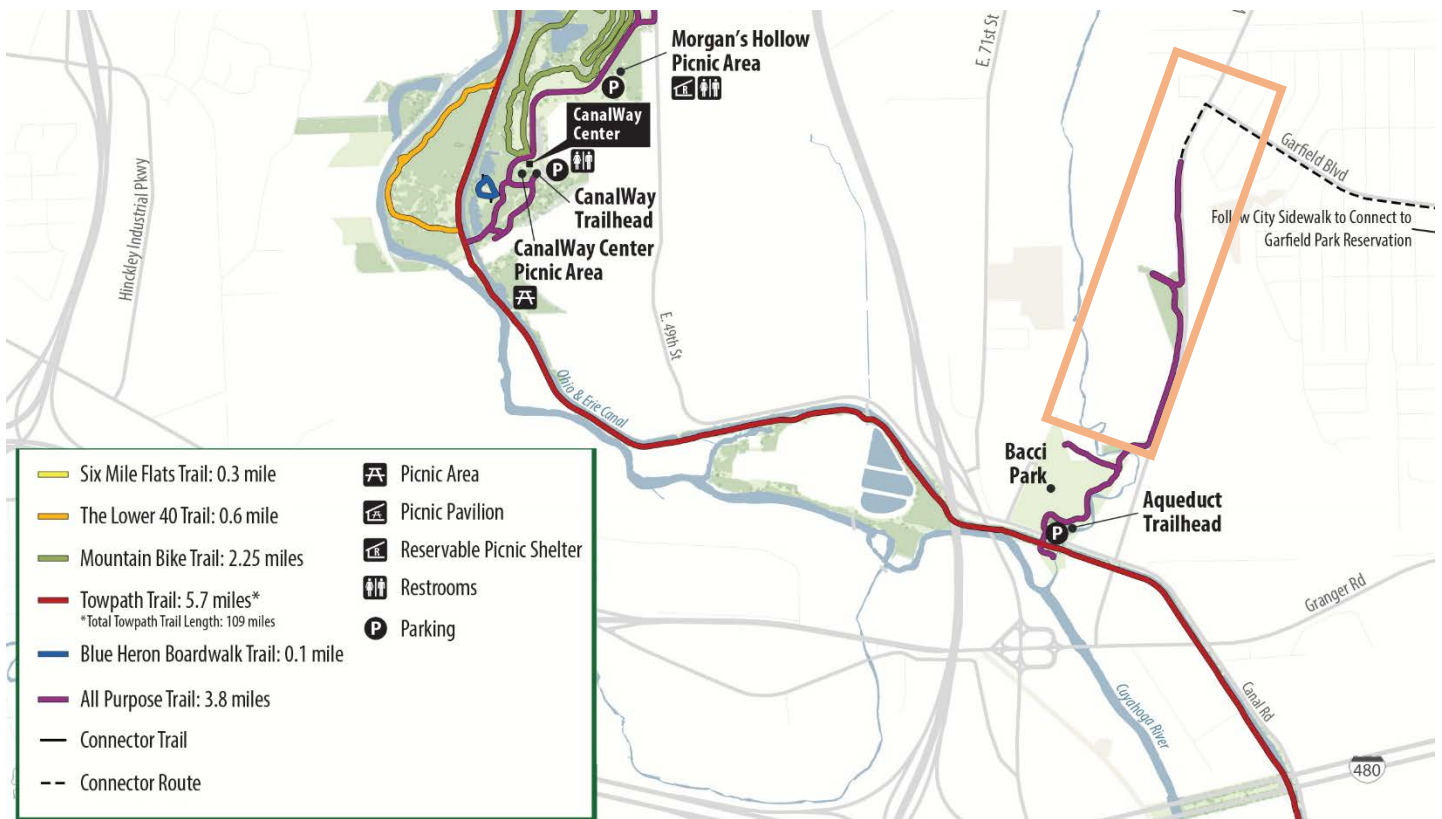
Total Cost: \$3,239,000

Partners:

- Canalway Partners
- Northeast Ohio Areawide Coordinating Agency (NOACA)
- Ohio Department of Transportation

Consultants and Contractors include:

- Independence Excavating Inc
- Hull and Associates Inc



Valley Parkway Connector - Phase 1

This section of the Valley Parkway Connector links the Brecksville Reservation to parks in Broadview Heights.

Project Type: All Purpose Trail

Completion Date: 2017

Project Size: 3.0 miles

Total Cost: \$2,518,000

Certifications and Awards:

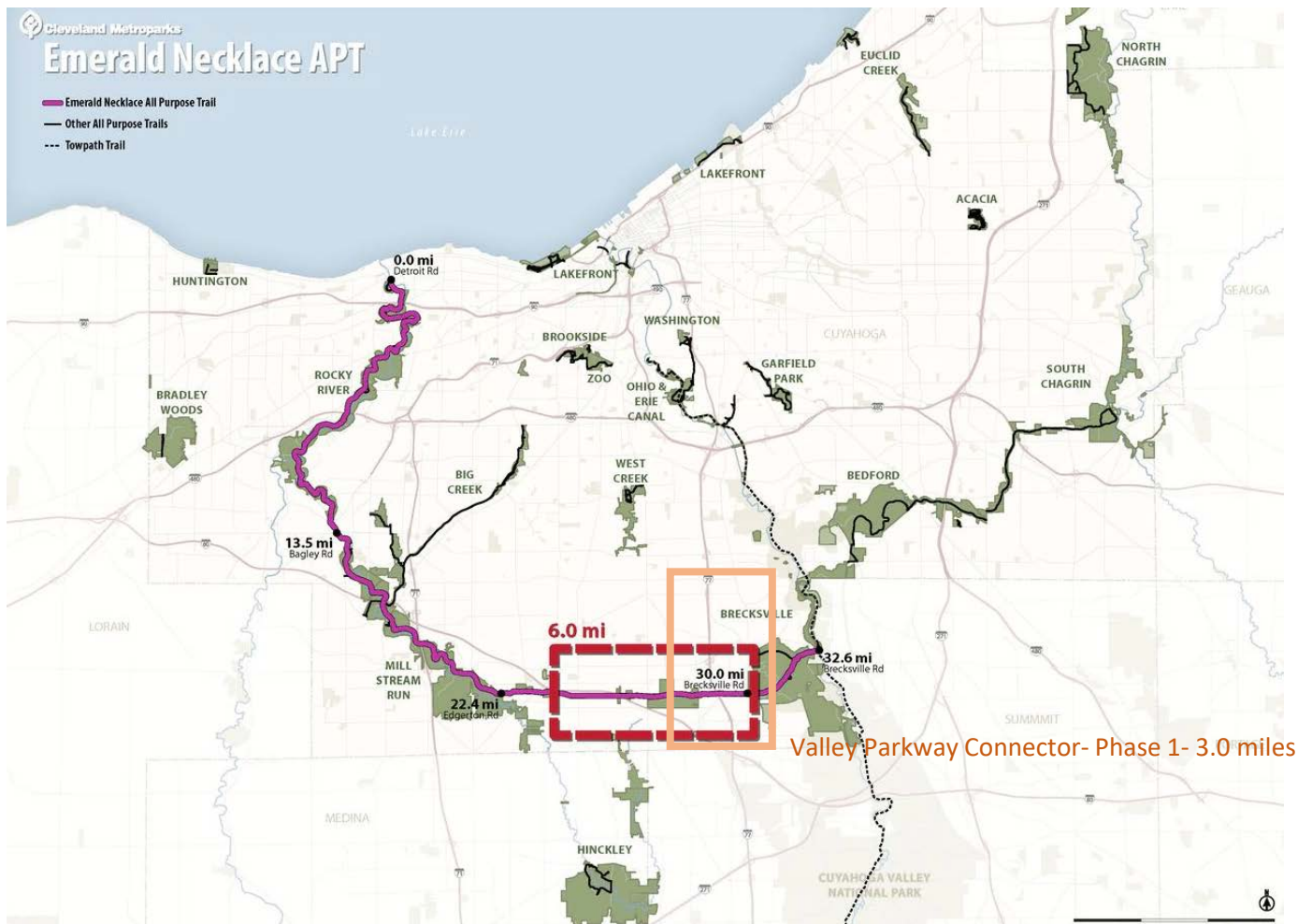
- 2020 NACPRO Award for Trails and Corridors

Partners:

- Northeast Ohio Areawide Coordinating Agency (NOACA)
- Ohio Department of Natural Resources
- City of Brecksville

Consultants and Contractors include:

- Schirmer Construction



Valley Parkway Connector- Phase 2

This section of the Valley Parkway Connector links the Brecksville Reservation to parks in North Royalton and on towards Mill Stream Run.

Project Type: All Purpose Trail

Completion Date: 2018

Project Size: 3.0 miles

Total Cost: \$2,518,000

Certifications and Awards:

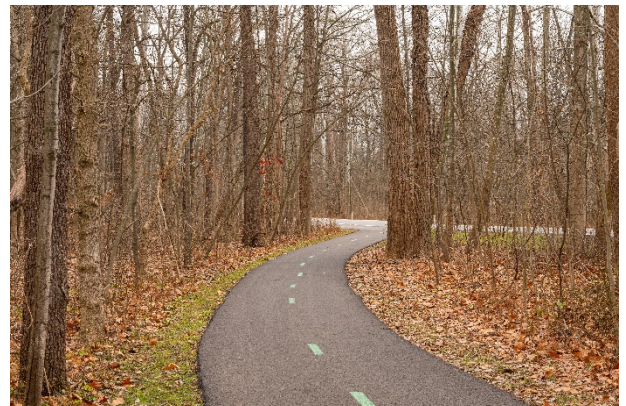
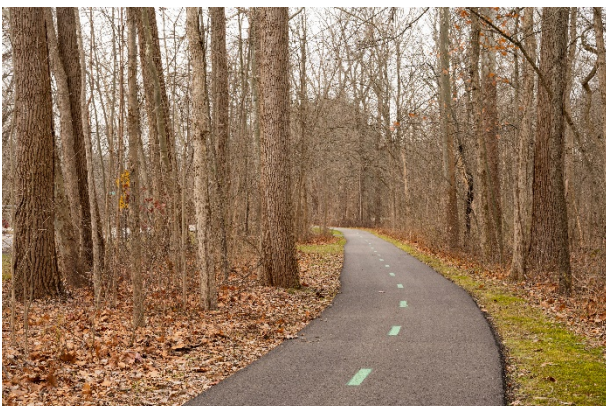
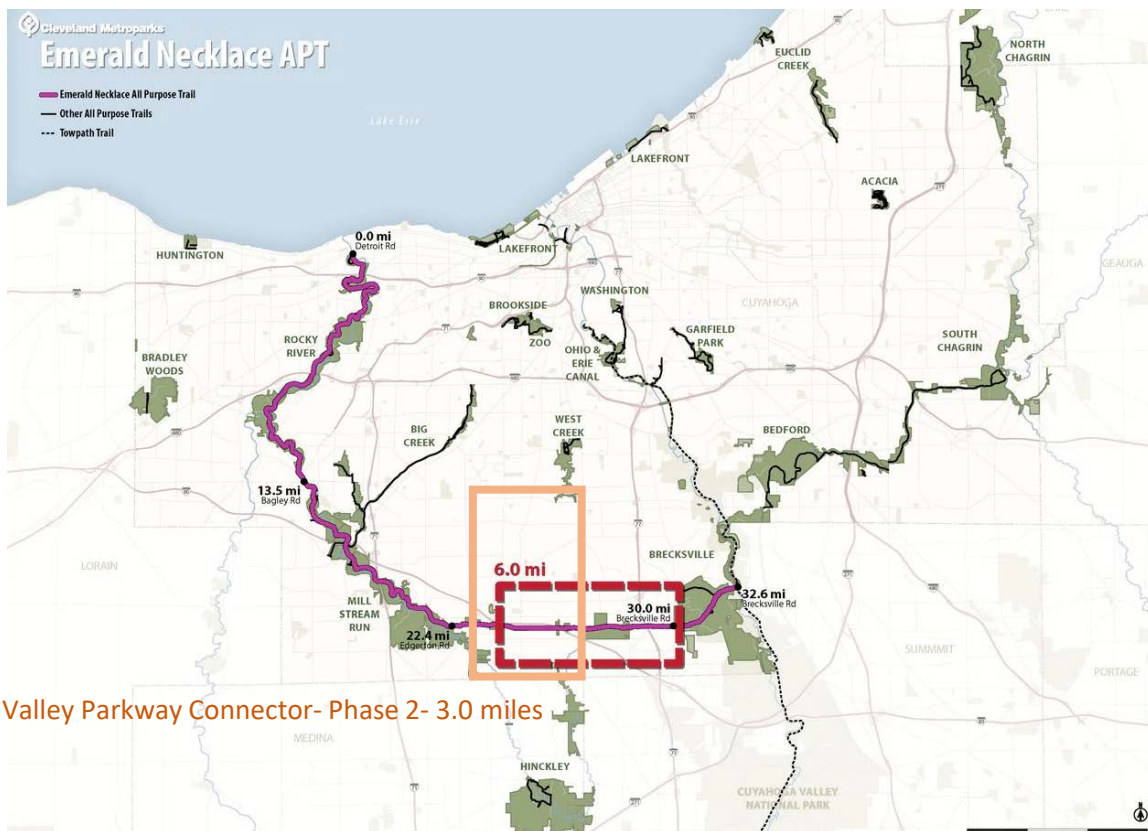
- 2020 NACPRO Award for Trails and Corridors

Partners:

- Northeast Ohio Areawide Coordinating Agency (NOACA)
- Ohio Department of Natural Resources
- City of Brecksville
- City of North Royalton
- City of Broadview Heights

Consultants and Contractors include:

- LJB Inc
- Schirmer Construction



Euclid Creek Greenway- Phase 1

The Euclid Creek Greenway will ultimately connect the lower portion Euclid Creek Reservation to the lakefront portion of the park, which includes Euclid Beach, Villa Angela and Wildwood. The first phase will construct 0.5 miles of the 2.8-mile proposed trail.

Project Type: All Purpose Trail

Completion Date: in design phase

Project Size: 0.5 miles

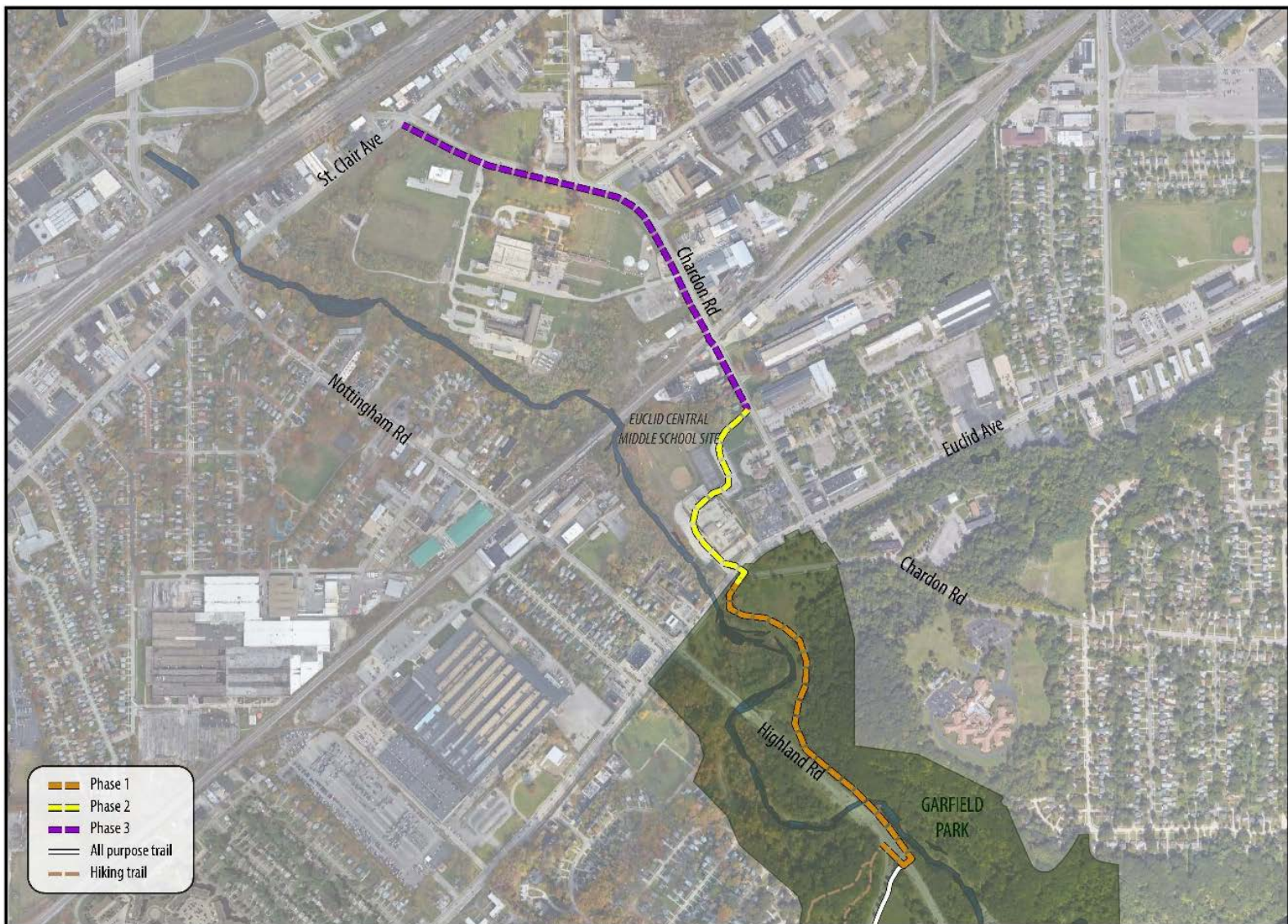
Total Cost: N/A at this time

Partners:

- City of Cleveland
- City of Euclid
- Northeast Ohio Area Coordinating Agency

Consultants and Contractors include:

- E.L. Robinson



EUCLID CREEK CONNECTOR - PHASES 1,2 & 3

Engle Road Connector Trail

Located in Big Creek Reservation, this trail connects Engle Road sledding hill to the Lake-to-Lake Trail. Once an old construction site, the trail is now a haven for migratory birds and other animals.

Project Type: All Purpose Trail

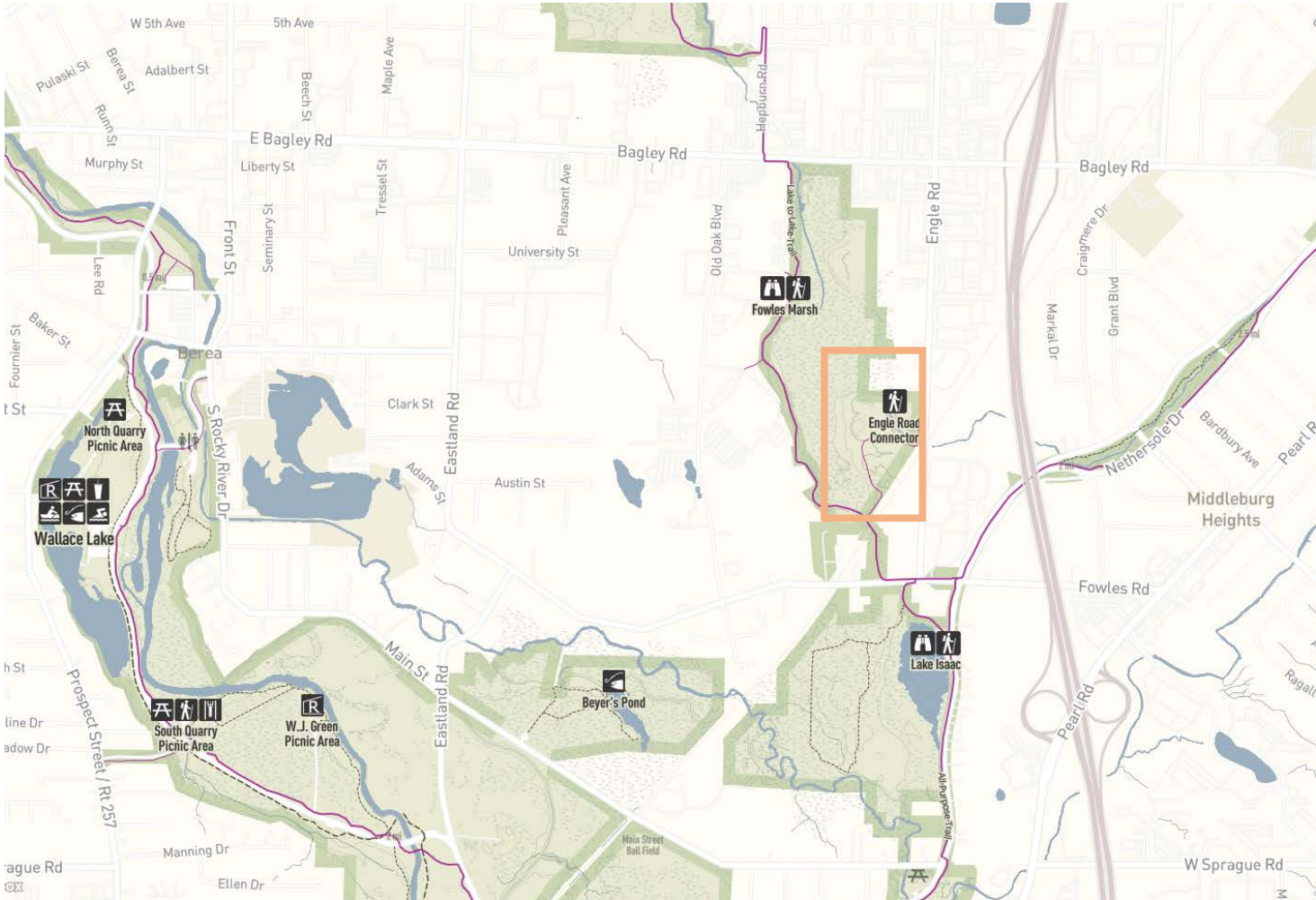
Completion Date: 8/25/2021

Project Size: 0.3 miles

Total Cost: \$165,000

Partners:

- Cleveland Metroparks Site and Building Trades
- Ohio Department of Natural Resources Recreational Trails Program



Cleveland Foundation Centennial Lake Link Trail North

The northern section of the Cleveland Foundation Centennial Lake Link Trail (CFCT) connects the future Irishtown Bend Park to the Wendy Park Bridge.

Project Type: All Purpose Trail

Completion Date: Aug 2015

Project Size: 0.25-mile trail

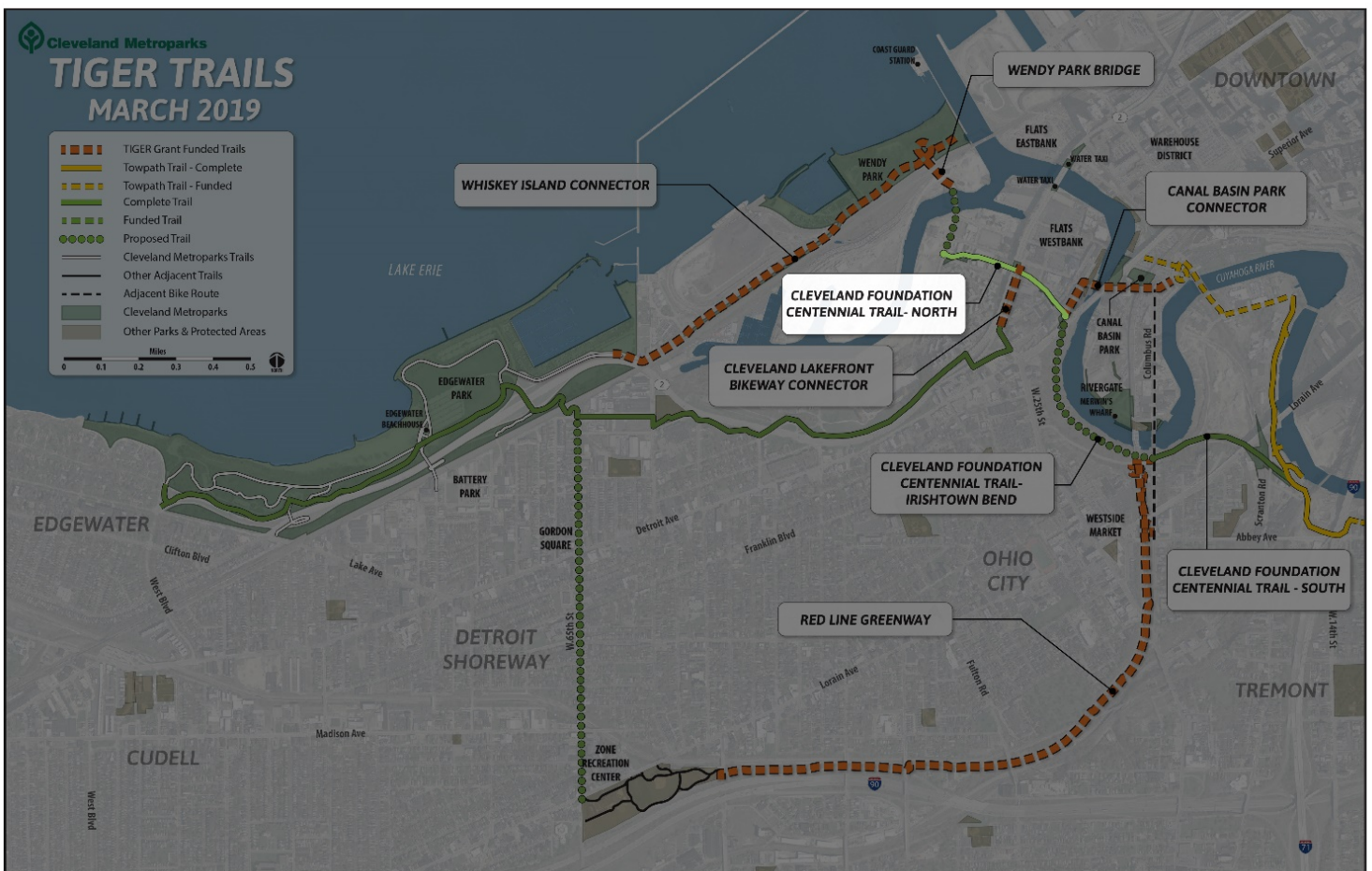
Total Cost: \$1,754,000

Partners:

- LAND studio
- The Trust for Public Land
- Cleveland Foundation
- City of Cleveland
- Cuyahoga County
- Canalway Partners

Consultants and Contractors include:

- Michael Baker International
- Mark Haynes Construction



Cleveland Foundation Centennial Lake Link Trail South

The southern section of the Cleveland Foundation Centennial Lake Link Trail (CFCT) connects the Towpath Trail to Rivergate Park and the City of Cleveland's Crooked River Skate Park. The trail also consists of a 175 foot-long bridge, which overlooks the train tracks below.

Project Type: All Purpose Trail

Completion Date: Aug 2015

Project Size: 0.25-mile trail, 2 175-foot-long bridges

Total Cost: \$1,754,000

Partners:

- LAND studio
- Trust for Public Land
- Cleveland Foundation
- City of Cleveland

Consultants and Contractors include:

- GPD Group
- JD Williamson Construction



Lake Erie Water Trail

A water trail is a stretch of waterway designated as recreational opportunity through maps, signage and informational resources. Designated water trails feature official access points, amenities and safety information. The Lake Erie Water Trail features over a dozen access points with informational signage and helps promote public use of Lake Erie, support tourism and encourage conservation and stewardship. The trail was recognized by the Ohio Department of Natural Resources with state designation in 2021.

Project Type: Water Trail

Completion Date: 7/17/2021

Project Size: 25 miles

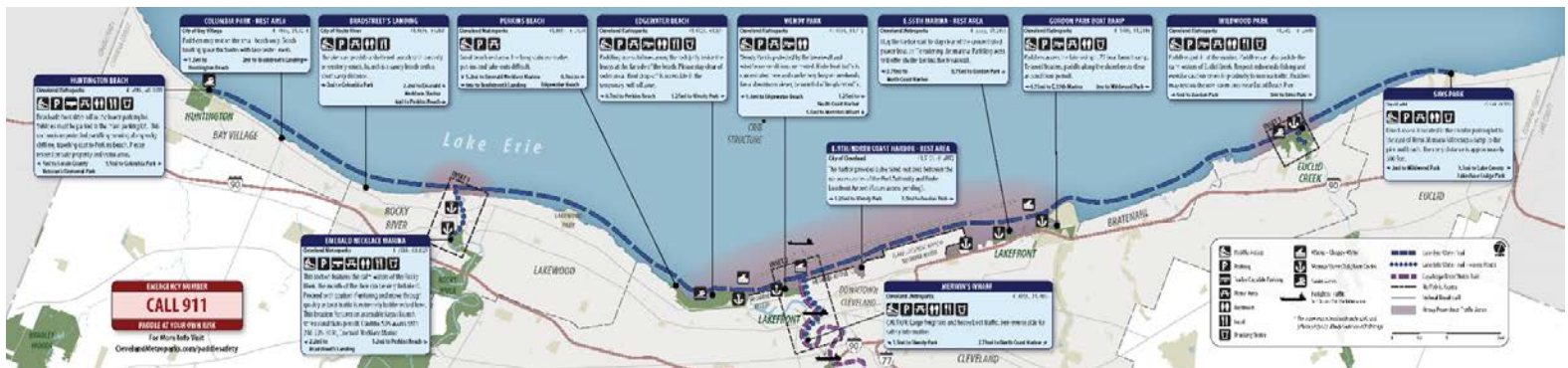
Total Cost: \$5,719

Certifications and Awards:

- 2021 GCTGC Project Award

Partners:

- Ohio Department of Natural Resources
- Northeast Ohio Regional Sewer District (NEORS D)
- United States Army Corps of Engineers
- Port of Cleveland
- Cities of Bay Village, Rocky River, Lakewood, Cleveland, Euclid, and Village of Bratenahl



eLCee2 Water Taxi

The eLCee2 Water Taxi takes up to 17 passengers and four bicycles on a first come, first serve basis on the Cuyahoga River. The Water Taxi connects entertainment districts in the city of Cleveland to Cleveland Metroparks trails. The boat also offers historical and nature tours.

Project Type: Water Trail

Completion Date: 5/27/2016

Project Size: 200 feet

Total Cost: \$1,140,000

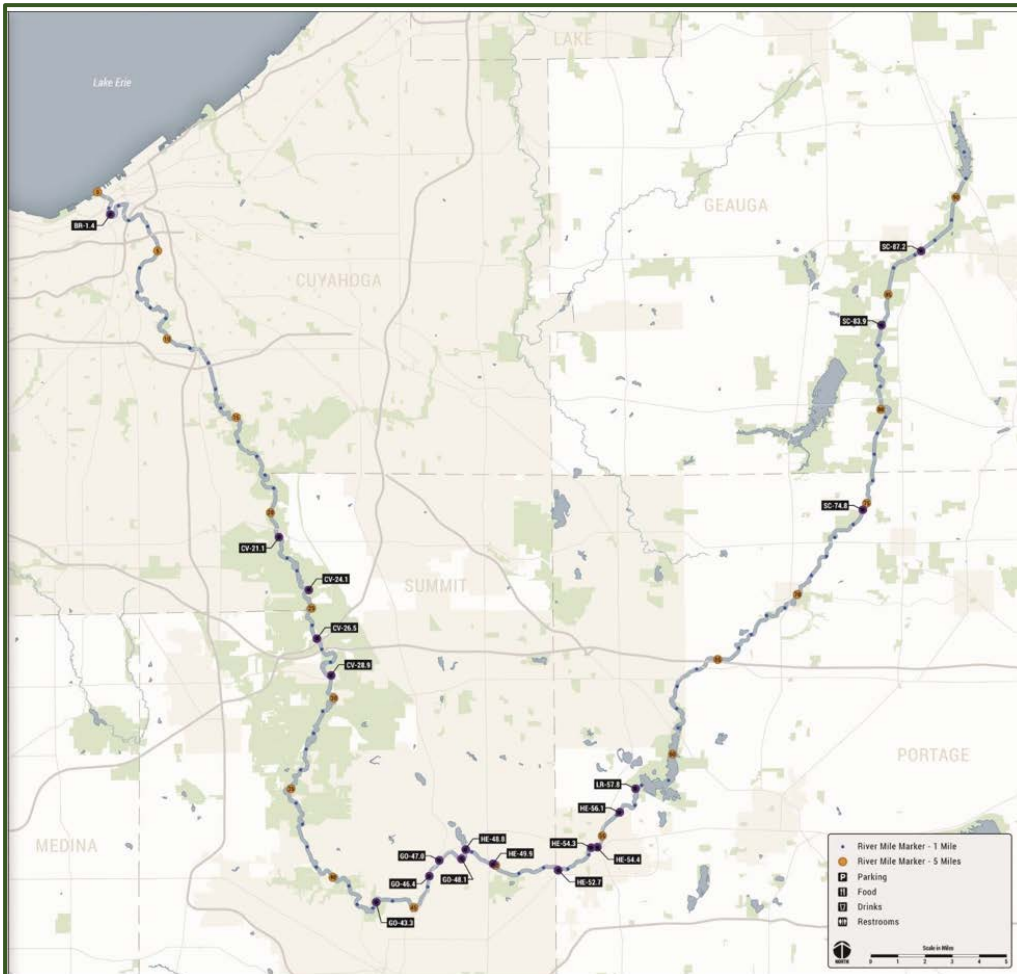
Consultants and Contractors include:

- Nerone and Sons
- GPD Group
- KS Associates



Cuyahoga River Water Trail

The Cuyahoga River Water Trail follows the Cuyahoga River as it flows nearly 100 miles and through four counties to its confluence with Lake Erie. There are five water trail segments, each providing a different paddling experience for various levels of expertise. The water trail partners, including Cleveland Metroparks, received a grant from ODNR to produce signage and brochures for the trail. The trail became Ohio's 13th Designated Water Trail on October 4th, 2019.



Project Type: Water Trail

Completion Date:
10/4/2019

Project Size: 100 miles

Total Cost: unknown

Partners:

- City of Akron, Cuyahoga Falls, and Kent
- Cuyahoga Valley National Park
- Geauga Park District, Portage Park District, and Summit Metro Parks
- Mantua Village and Village of Silver Lake
- Ohio Department of Natural Resources



Hiking Trails

Cleveland Metroparks offers natural surface hiking trails. The following projects include newly constructed hiking trails, as well as trail reroutes, additions, and rebuilds.

Trail: Lookout Ridge Trail and Overlook

Location: West Creek Reservation

Completion Date: 4/20/2019

Project Size: 0.5 miles

Partners: Cleveland Hiking Club

Additional information: This new trail ends with an observation deck that looks out over the Cleveland skyline

Trail: West Channel Pond Trail

Location: Rocky River Reservation

Completion Date: 2018

Project Size: 0.5 miles

Additional information: This trail was rebuilt to increase the footprint of the wetland habitat and allow guests to walk on unobstructed trails.

Trail: Gorge Loop Trail

Location: Brecksville Reservation

Completion Date: 10/7/2021

Project Size: 0.5 miles

Partners: CMP Trails Division

Additional information: This trail provides access to Chippewa Creek Gorge, an area that was previously inaccessible. Trail features include two large rock staircases and a natural surface path.

Trail: Sylvan Loop Trail

Location: North Chagrin Reservation

Completion Date: 2017

Project Size: 1.1 miles

Additional information: Cleveland Metroparks rerouted this trail, adding a 30-foot bridge and two new overlooks.

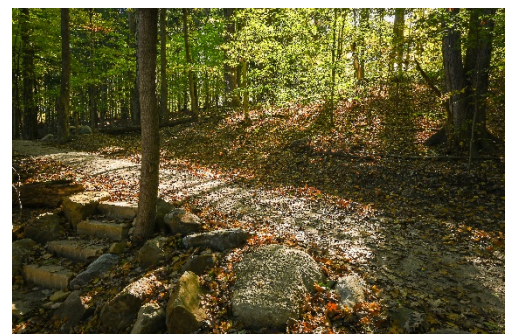
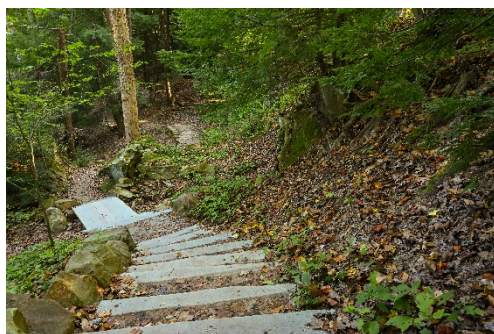
Trail: Forbes Crossing Trail

Location: Bedford Reservation

Completion Date: 2016

Project Size: 2 miles

Additional information: This addition, including several new boardwalks, was the first natural path between Forbes Woods and the rest of Bedford Reservation



Mountain Bike Trails

Cleveland Metroparks offers mountain bike trails ranging from beginner trails to highly advanced. Along with trail infrastructure, programming is also offered to teach guests how to safely get into mountain biking and racing for those who are more advanced. Most mountain bike trails are also multi-use facilities that permitting hiking.

Trail: Bedford Single Track

Location: Bedford Reservation

Completion Date: June 7, 2014

Project Size: 9.9 miles

Additional information: Consists of paved loops. Is beginner friendly.

Trail: West Creek Shared Use Mountain Bike Trails

Location: West Creek Reservation

Completion Date: Fall 2019

Project Size: 3.7 miles

Additional information: This natural surface trail was built entirely by hand and provides opportunities for hikers, runners, and mountain bikers.

Certifications and Awards:

- 2020 Trail Challenge Highlight

Trail: Royalview Trail

Location: Mill Stream Run Reservation

Completion Date: June 2012

Project Size: 10 miles

Partners: Cleveland Area Mountain Bike Association, Student Conservation Association

Additional information: Consists of two loops of beginner to intermediate tracks.

Trail: Ohio and Erie Canal Reservation

Location: Ohio and Erie Canal Reservation

Completion Date: 2007, renovations underway

Project Size: 2.5 miles

Partners: Cleveland Area Mountain Bike Association, Student Conservation Association

Additional information: Consists of a beginner loop and another for intermediate to more experienced riders. Renovations include a pump track.



Acacia Reservation

Acacia became Cleveland Metroparks' 17th Reservation after its acquisition in 2012. Formally a country club, the land was purchased by a donor to The Conservation Fund then deeded over to Cleveland Metroparks. Deed restrictions include a requirement that the space never again be used as a golf course and stipulate returning the property to a natural state.

Project Type: New Reservation

Acquisition Date: 2012

Project Size: 155 acres

Total Cost: \$14 million (through a donor to The Conservation Fund)

Partners:

- The Conservation Fund
- Cleveland Museum of Natural History



Lakefront Reservation

In 2013, Cleveland Metroparks reached an agreement for a 99-year renewable lease to manage and operate the former Lakefront State Park in the city of Cleveland. The acquisition includes Edgewater Park, Edgewater Yacht Club, Edgewater Marina, Forest City Yacht Club, Lakeside Yacht Club, East 55th Marina, East 72nd Fishing Area, Intercity Yacht Club, North Gordon Park, Euclid Beach Park, and the Wildwood-Villa Angela properties. The Euclid Beach, Villa Angela, and Wildwood are along Euclid Creek and became part of Euclid Creek Reservation. The remainder of the properties form the Park District's 18th reservation, Lakefront Reservation.

Project Type: New Reservation

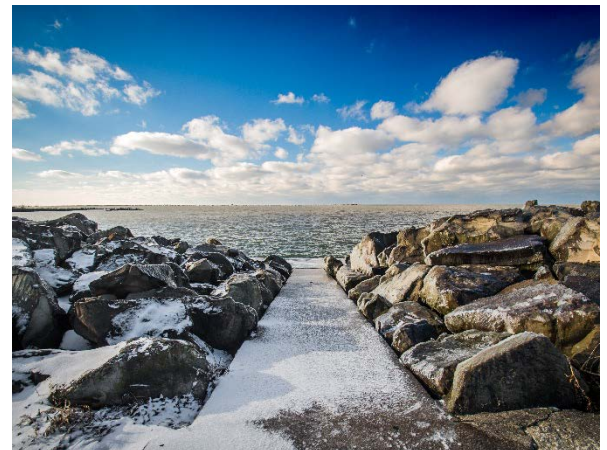
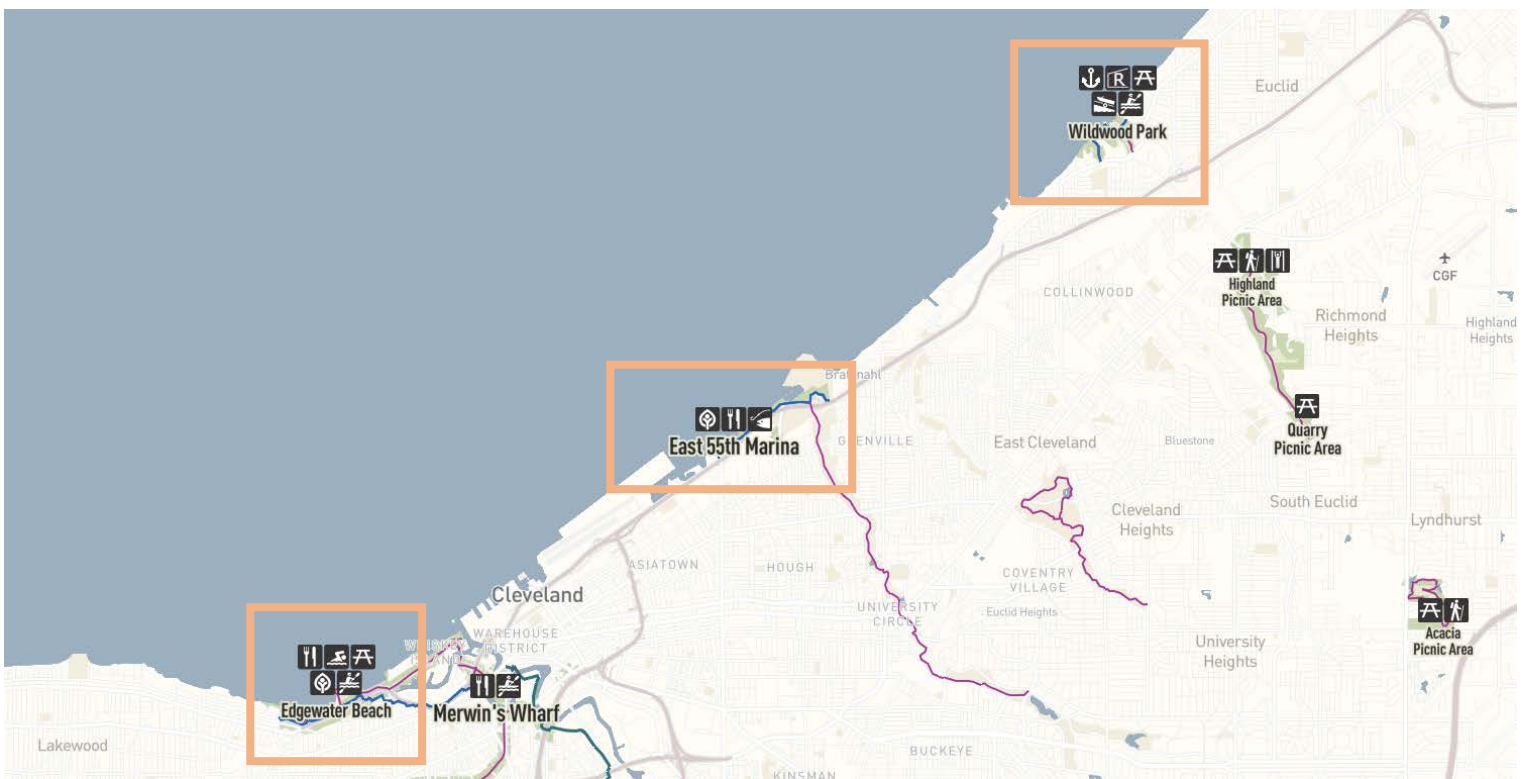
Acquisition Date: 6/6/2013

Project Size: ~ 455 acres

Total Cost: \$1 for 99 years; renewable

Partners:

- City of Cleveland
- State of Ohio
- Ohio Department of Natural Resources



Rivergate Park

Rivergate Park provides grassy lawns and a trail along the Cuyahoga River. Park features include Merwin's Wharf Restaurant, a kayak launch and floating dock, scenic views, and the City of Cleveland's Crooked River Skate Park.

Project Type: Major Park Expansion
Ohio & Erie Canal Reservation

Completion Date: May 2011

Project Size: 2.8 acres

Total Cost: \$650,000

Certifications and Awards:

- 2012 OPRA Award for Excellence

Partners:

- The Trust for Public Land
- Cleveland Rowing Foundation
- Building Trades and Site Construction



Brighton Park

Brighton Park is in Cleveland's Old Brooklyn neighborhood along Big Creek. This site was transformed from the Henninger construction waste landfill into a new park. The site went through brownfield remediation, erosion control, water quality improvement, and invasive plant removal. Cleveland Metroparks designed and oversaw construction of a new all purpose trail which will eventually link Brookside Reservation to the Towpath Trail.

Project Type: Major Park Expansion – Brookside Reservation

Completion Date: 7/22/2021

Project Size: 25 acres

Total Cost: \$952,210

Partners:

- Western Reserve Land Conservancy
- Old Brooklyn Community Development Corporation

Consultants and Contractors include:

- F Buddie Contracting, LTD



Dunham Park

Dunham Park was acquired by Cleveland Metroparks in 2018. New parking facilities, a renovated picnic shelter, and trees have improved the park. The park has also expanded through the acquisition of adjacent property. New bike lanes and an improved pedestrian crossing on Dunham Road have improved access to the park for the residents of Maple Heights and other guests of Cleveland Metroparks.

Project Type: Major Park Expansion – Bedford Reservation

Completion Date: 1/18/2018

Project Size: 49.9 acres

Total Cost: \$1 per year for 99-year lease

Partners:

- City of Maple Heights



Astorhurst Acquisition

This 127-acre former golf course was acquired to protect land and water resources along Tinker's Creek and to provide additional trails and features to Bedford Reservation. Wetland restoration, pavement removals, and tree plantings have already occurred. Future plans include a competition disc golf course.

Project Type: Major Park Expansion – Bedford Reservation

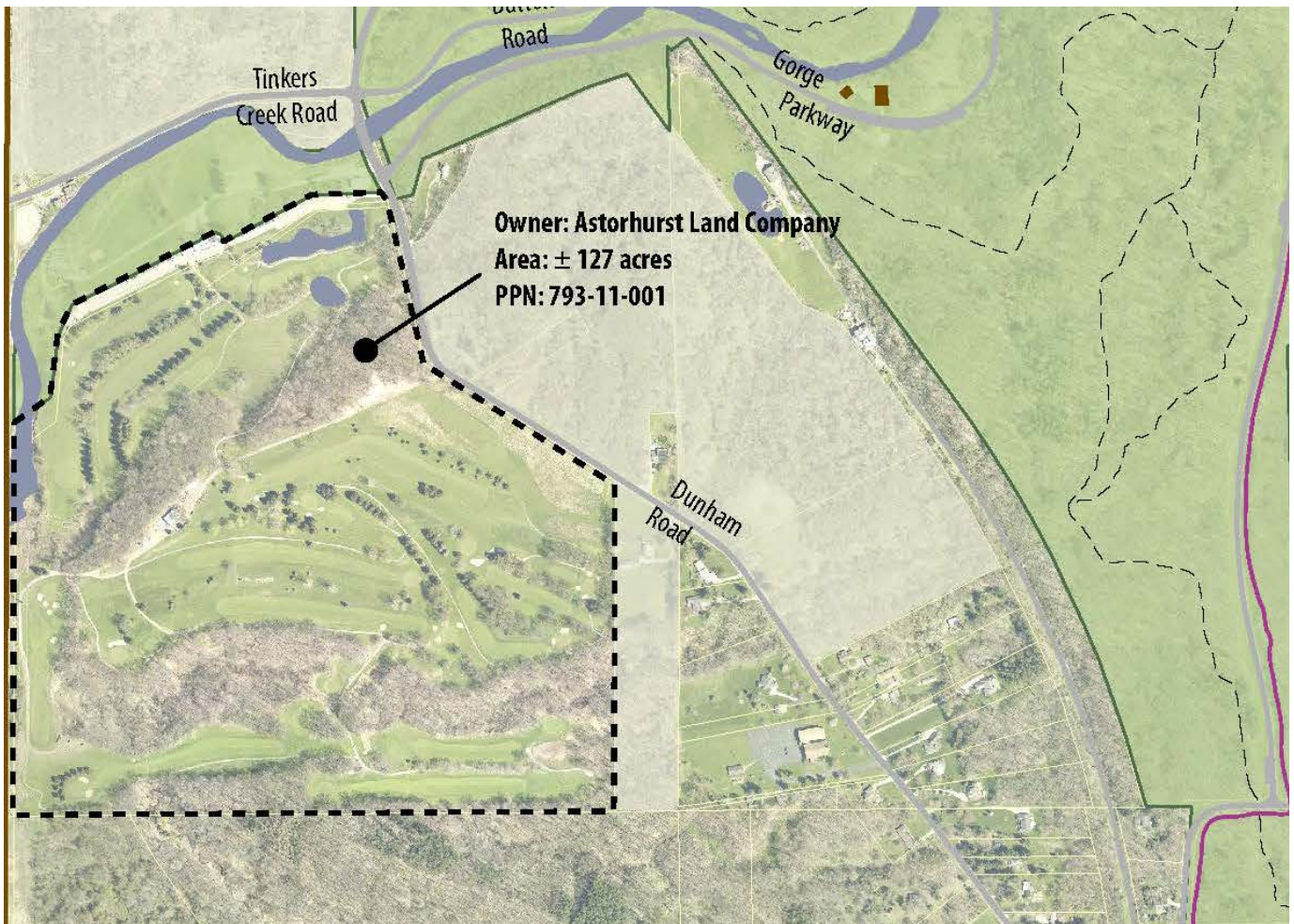
Completion Date: May 2018

Project Size: 127 acres

Total Cost: \$3,100,000

Partners:

- Ohio Green Space Conservation Program - Clean Ohio



CEI Property Acquisition

Located just south of the Astorhurst property, this acquisition protects high quality forests, ravines, and streams.

Project Type: Major Park Expansion
Bedford Reservation

Completion Date: October 2019

Project Size: 75 acres

Total Cost: \$1,181,250

Partners:

- Ohio Green Space Conservation Program - Clean Ohio



Bonnie Park Wetland Restoration

Bonnie Park Wetland Restoration removes a low head dam on Rocky River to promote fish passage and reconnects the river to the site's wetland complex. These wetlands are essential habitats for many animals. The restored area will benefit many of these animals that rely on inundated wetlands for breeding activities.

Project Type: Ecological Restoration and Site Improvements

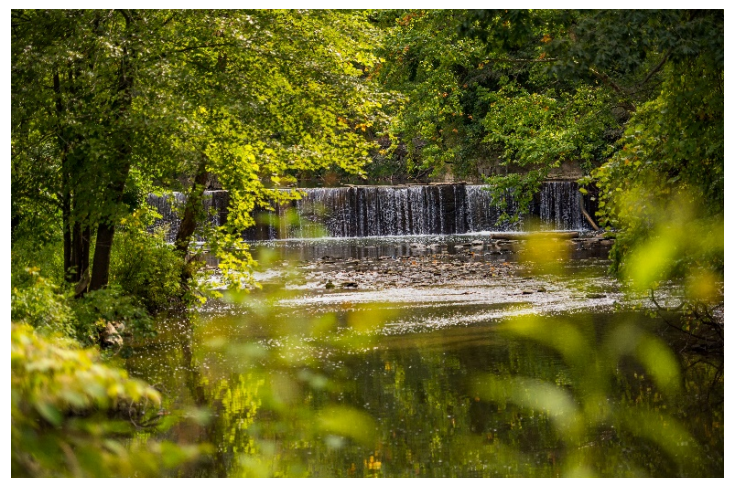
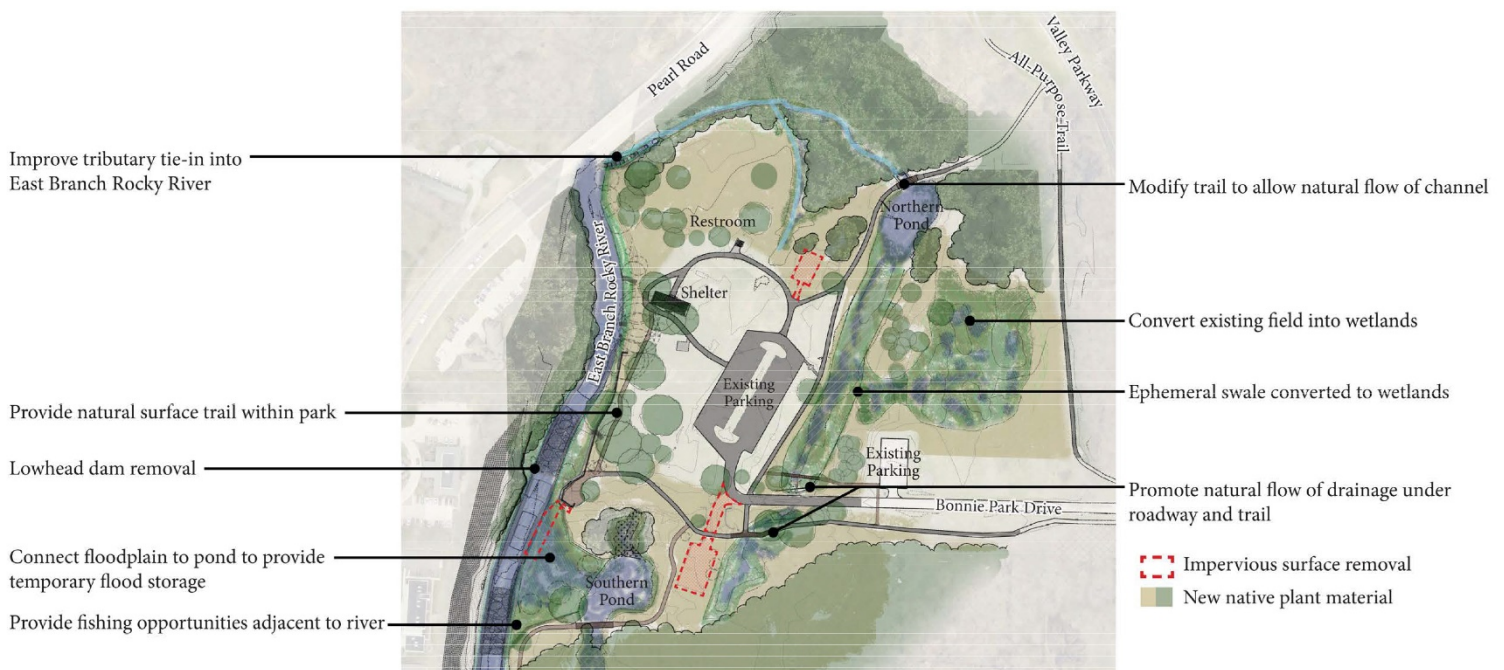
Completion Date: 12/31/2020

Project Size: 2.5-3 acres of wetland restoration, 3,400 linear feet of stream restoration

Total Cost: \$1,759,272

Partners:

- Northeast Ohio Regional Sewer District
- Cuyahoga Soil and Water Conservation District
- Ohio EPA
- City of Akron
- Hull Design
- Haynes Construction



Jackson Field Restoration

Jackson Field is home to diverse plant and animal species native to the Chagrin River floodplain. The restoration project at Jackson Field restored a segment of eroded stream bank along the Chagrin River, improving fish habitat and creating a more resilient floodplain in South Chagrin.

Project Type: Ecological Restoration and Site Improvements

Completion Date: 12/31/2020

Project Size: 0.75 acres of floodplain, 650 linear feet of streambank stabilization

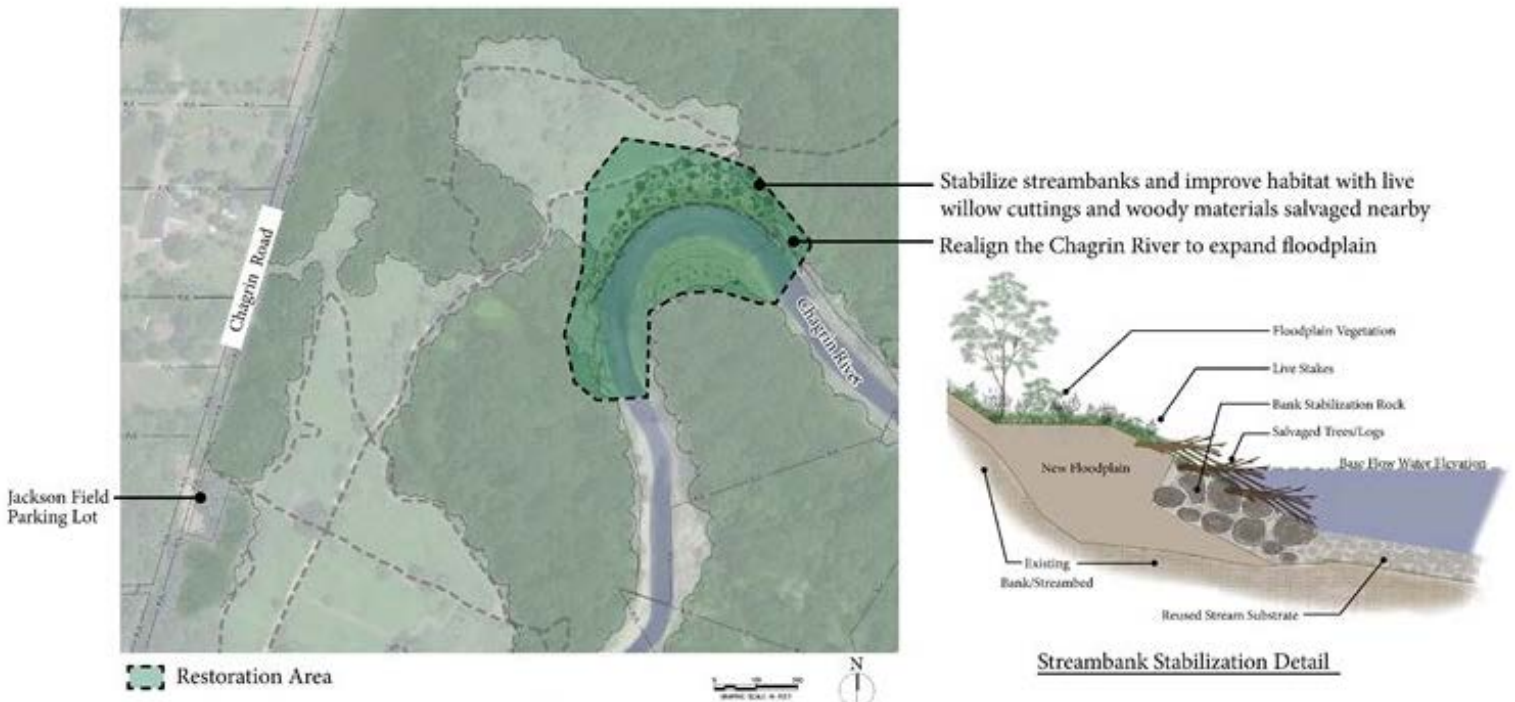
Total Cost: \$381,180

Partners:

- Northeast Ohio Regional Sewer District (NEORS)
- Chagrin River Watershed Partners
- Ohio EPA

Consultants and Contractors include:

- EnviroScience
- RiverReach Construction



Acacia Reservation Restoration

The former Acacia Country Club in Lyndhurst became Cleveland Metropark's 17th reservation in 2012, with a stipulation that it be restored to a natural state. A major restoration removed subsurface drain structures, restored small tributaries to Euclid Creek, and restored the incised main channel of the creek to reconnect it to a functional floodplain along with adding meanders. Native plantings, vastly reduced mowing, and the addition of hundreds of tree seedlings are transforming this former golf course to a thriving natural habitat.

Project Type: Ecological Restoration and Site Improvements

Completion Date: long term restoration process

Project Size: 155 acres

Total Cost: \$120,750

Certifications and Awards:

- 2018 NACPRO Award for Environment/Conservation

Partners:

- Ohio EPA
- The Conservation Fund
- Biohabitats



Sulphur Springs Headwater Wetland Restoration

Cleveland Metroparks and Chagrin Watershed Partners partnered to restore the headwater stream and wetlands at Sulphur Springs, a tributary to the Chagrin River. Located in the South Chagrin Reservation, the former airfield landing strip was returned back to its natural wetland state. This project improves the water quality and forest connectivity in the area.

Project Type: Ecological Restoration and Site Improvements

Completion Date: 7/30/2017

Project Size: 200 linear feet, 3-acre project site

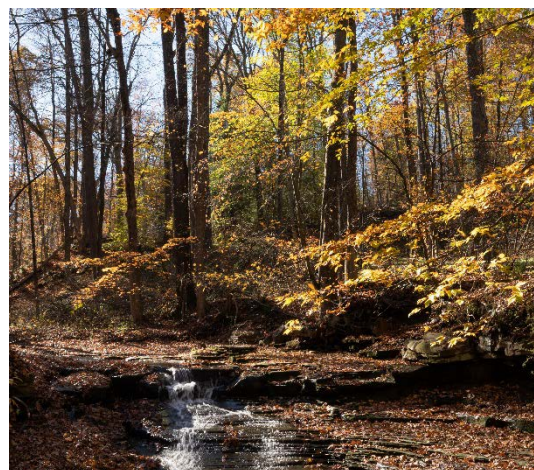
Total Cost: \$144,000

Partners:

- Chagrin River Watershed Partners
- Ohio EPA

Consultants and Contractors include:

- Davey Resource Group
- Marks Construction, INC



Beecher's Brook Restoration

The restoration project at Beecher's Brook in North Chagrin Reservation addresses significant streambank erosion and improves water quality and the fish movement in this part of the stream.

Project Type: Ecological Restoration and Site Improvements

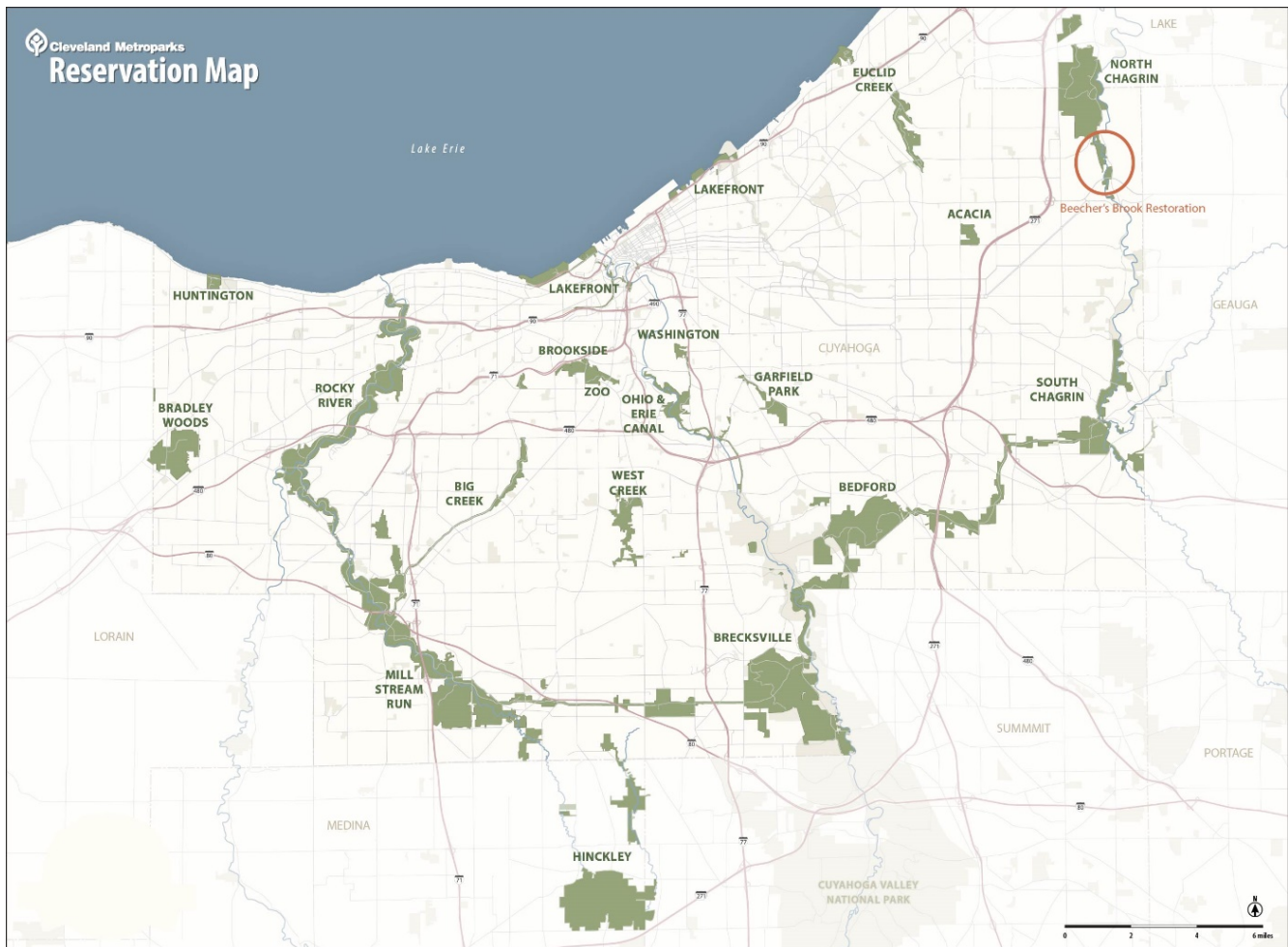
Completion Date: Dec 2021

Project Size: 350 linear feet

Total Cost: \$490,902

Partners:

- Chagrin River Watershed Partners
- Ohio EPA
- Northeast Ohio Regional Sewer District (NEORS)
- Cleveland Museum of Natural History Trout Club



Fern Hill Stormwater Treatment Wetland Project

This project is located in Big Creek Reservation, just south of Brookpark Road. The project is designed to intercept stormwater runoff that drains from over 50 acres of residential land and provide water quality treatment before the water flows into Big Creek.

Project Type: Ecological Restoration and Site Improvements

Completion Date: Jun 2015

Project Size: 0.77 acre treatment cell

Total Cost: \$150,000

Partners:

- Ohio EPA
- City of Parma
- Big Creek Connects

Consultants and Contractors include:

- Tetra Tech, Inc.



Green Infrastructure Parking Lot Retrofit Projects

Cleveland Metroparks works to lessen the negative effects of impervious surface parking lots through the use of green infrastructure. Multiple grant-funded stormwater retrofit projects have occurred recently:

Project Location: North Chagrin Nature Center

Project Type: Stormwater treatment for parking lot

Completion Date: 2012

Project Location: Wolf Picnic Area at Huntington

Project Type: Stormwater treatment for parking lot

Completion Date: 2017

Project Location: Merwin's Wharf

Project Type: Stormwater treatment for parking lot

Completion Date: 2014

Project Location: Administration Building

Project Type: Stormwater treatment for parking lot

Completion Date: 2018

Project Location: West Creek Watershed Stewardship Center

Project Type: Entry Bioswale

Completion Date: 2015

Project Location: Chalet at Mill Stream Run

Project Type: Stormwater treatment for parking lot and bioretention cells.

Completion Date: 2020

Project Location: Seneca Golf Course at Brecksville

Project Type: Stormwater treatment for parking lot with bioretention cells and wet retention basin

Completion Date: 2017

Project Location: Bear Parking Lot at the Zoo

Project Type: Stormwater treatment for parking lot and bioretention cells.

Completion Date: 2021

Project Location: Wildwood Park at Euclid Creek

Project Type: Stormwater treatment for parking lot and bioretention cells.

Completion Date: 2017

Additional Information: In addition to the stormwater management for the parking lot, an ADA compliant pedestrian walk was added for safe passage through the lot.

Merwin's Wharf

Merwin's Wharf is a riverfront restaurant located on the Cuyahoga River's Irishtown Bend. The restaurant connects guests to urban greenspace while enjoying fresh, seasonal and locally-sourced menu items.

Project Type: Reservation Capital Project

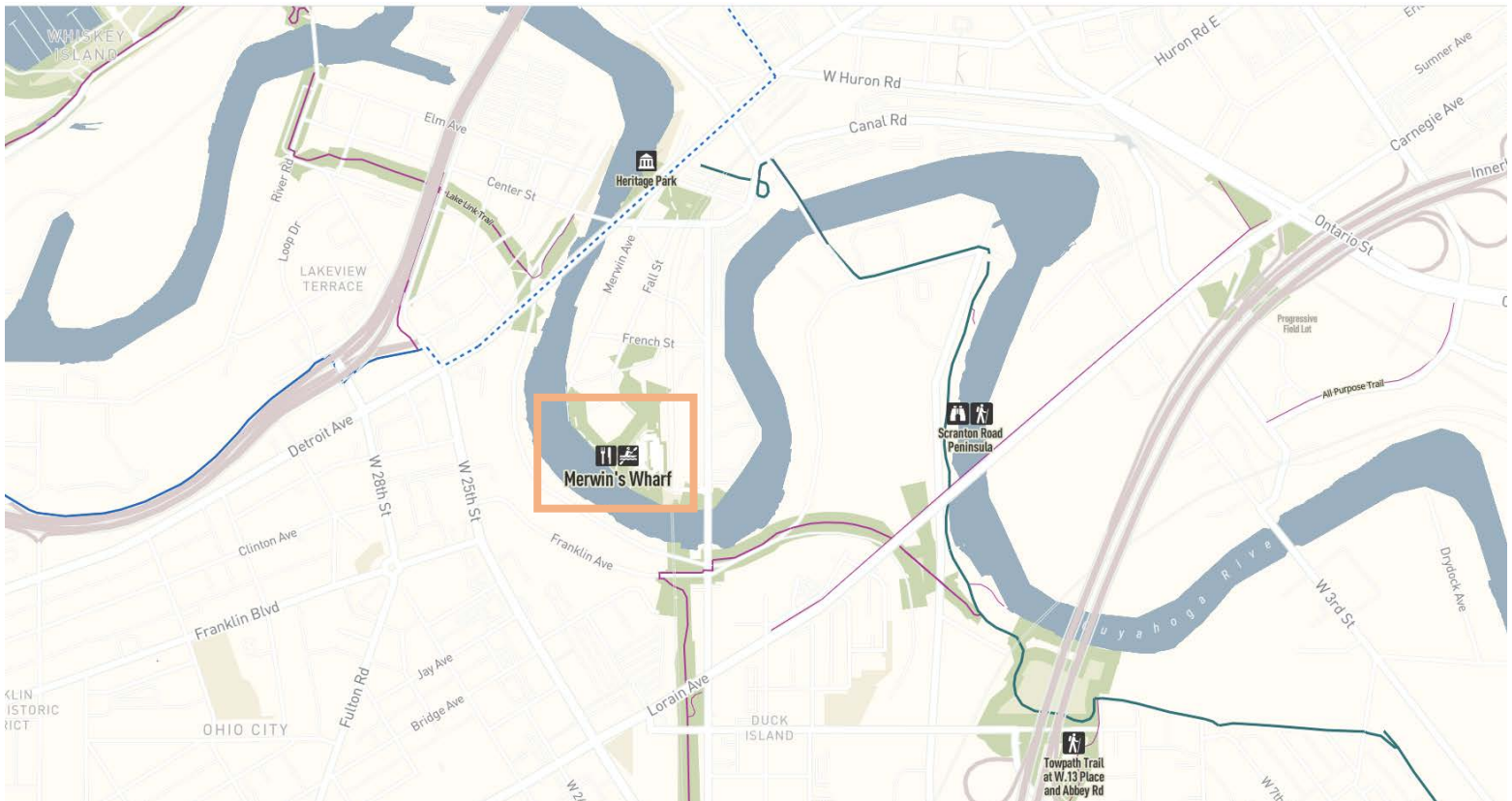
Completion Date: Jul 2014

Project Size: 6,600 sf interior, 3,000 sf patio

Total Cost: \$ \$1,798,912

Consultants and Contractors include:

- Alabashi Construction Inc



Watershed Stewardship Center

Located in the West Creek Reservation, the Watershed Stewardship Center is the first facility in the Cleveland Metroparks dedicated to scientific research and promoting sustainable action. The building achieved a Gold certification from the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) building rating system.

Project Type: Reservation Capital Project

Completion Date: 6/21/2013

Project Size: ~ 18,000 sf

Total Cost: \$13,000,000

Certifications and Awards:

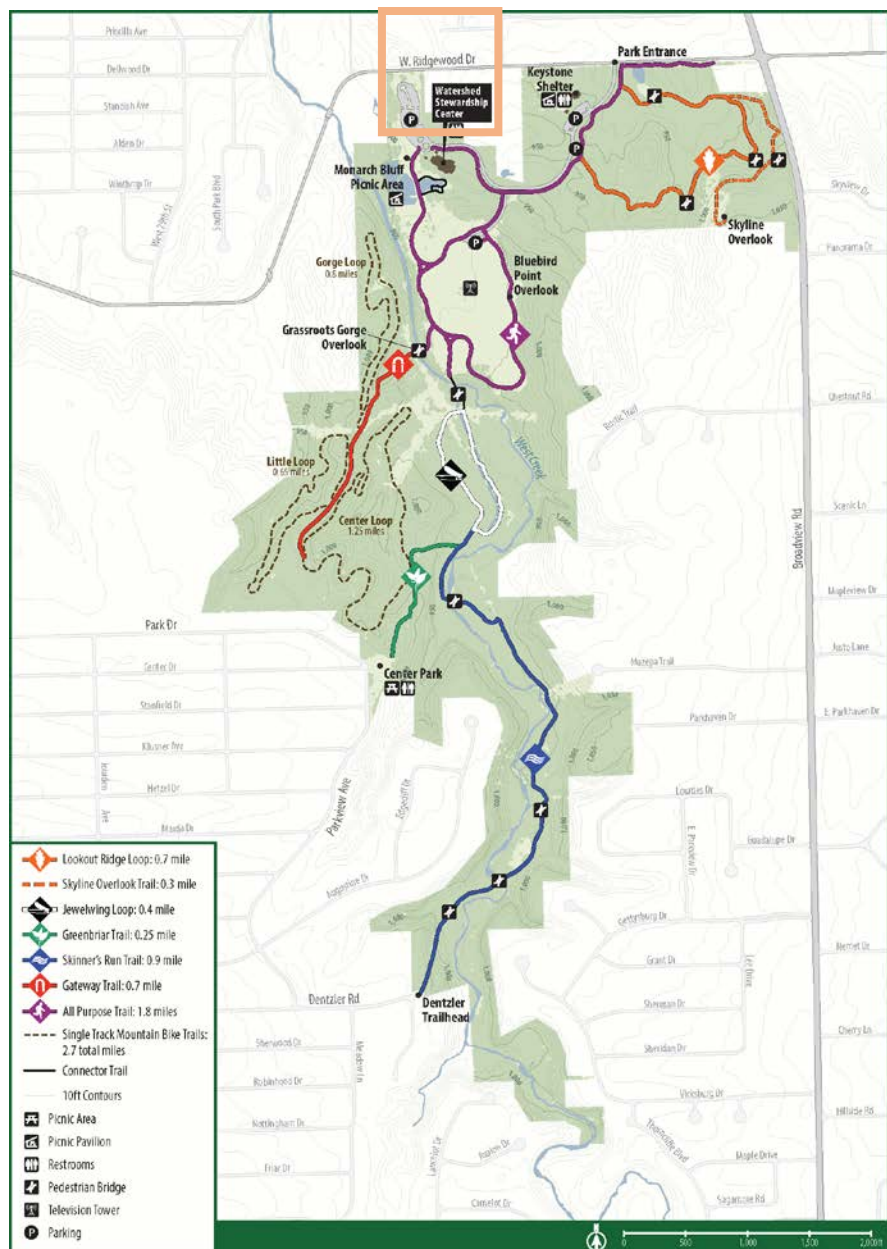
- 2016 Great Lakes Park Training Institute's Park, Facility, and Recreation Award-West Creek Reservation Watershed Partnership, including the West Creek Conservancy (WCC) and the Northeast Ohio Regional Sewer District (NEORS)

Partners:

- West Creek Conservancy
- Northeast Ohio Regional Sewer District (NEORS)

Consultants and Contractors include:

- Doty and Miller Architects
- Seitz Construction
- Fechko Construction



Edgewater Beach House

Edgewater Beach House is located along the Cleveland Lakefront Bikeway at Edgewater Beach. It provides visitors with a second-story deck with views to Lake Erie along with restrooms and locker rooms, porch swings, places to purchase and enjoy refreshments, and spaces for gatherings. A pedestrian bridge links the Beach House to the walkway and tunnel to the Battery Park neighborhood.

Project Type: Reservation Capital Project

Completion Date: 6/2/2017

Project Size: 12,000 sf

Total Cost: \$5,385,646

Certifications and Awards:

- 2017 OPRA Capital Cat Award, 3rd Place
- 2018 Award of Excellence in Design and Construction, Special Project Category—Cleveland Engineering Society,
- 2018 Honor Award in design and construction, American Society of Landscape Architects, Ohio chapter, 2018 (Environmental Design Group)
- 2018 AIA Ohio Design Awards, Category 1: Newly Completed Buildings, Additions, Remodeling's, Renovations, Restorations (Bialosky Cleveland)

Consultants and Contractors include:

- Bialosky Cleveland
- Albert Higley Company
- Environmental Design Group
- Steven Manka and Steven Yusko



Huntington Reservation Enhancement Project

The Huntington Reservation Enhancement Project consisted of a new concession building called the Noshery, the Sunset Picnic Plaza along Lake Erie, and a new restroom and changing facility.

Project Type: Reservation Capital Project

Completion Date: 5/27/2021

Project Size: 1,980 sf Noshery, 4,200 sf plaza, 1,276 sf bathrooms

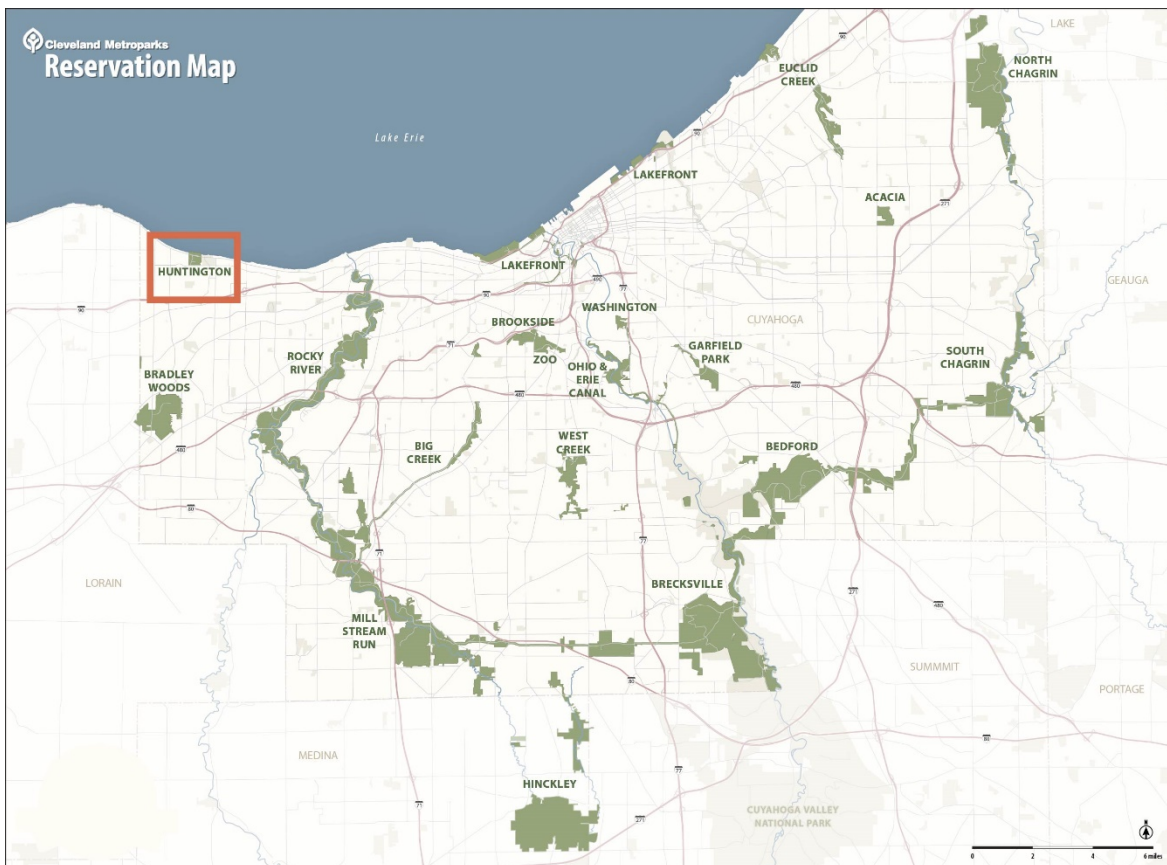
Total Cost: \$1,610,323

Partners:

- Emerald Necklace Endowment Fund

Consultants and Contractors include:

- Groundworks Land Design
- Geotechnical
- Osborn Engineering
- PTA Engineering



Brecksville Trailside Program Center

Nestled in the Harriet Keeler Memorial woods, the Trailside Program Center follows Keeler's vision of sharing her love of nature through significant educational experiences. The Trailside Program Center is a facility that hosts a variety of educational programs that connect visitors to the natural world around them.

Project Type: Reservation Capital Project

Completion Date: 10/10/2018

Project Size: 1,540 sf

Total Cost: \$750,000

Consultants and Contractors include:

- Regency Construction Services



E 72nd Comfort Station

Located in the Lakefront Reservation, this comfort station consists of new bathrooms, swings, and a vegetated roof system that will help generate native plant growth.

Project Type: Reservation Capital Project

Completion Date: 5/14/2021

Project Size: 750 sf

Total Cost: \$120,000

Partners:

- Holden Parks Trust

Consultants and Contractors include:

- Osborn Engineering



Kiwanis Shelter at Hinckley

Located in the Lakefront Reservation, this comfort station consists of new bathrooms, swings, and a vegetated roof system that will help generate native plant growth.

Project Type: Reservation Capital Project

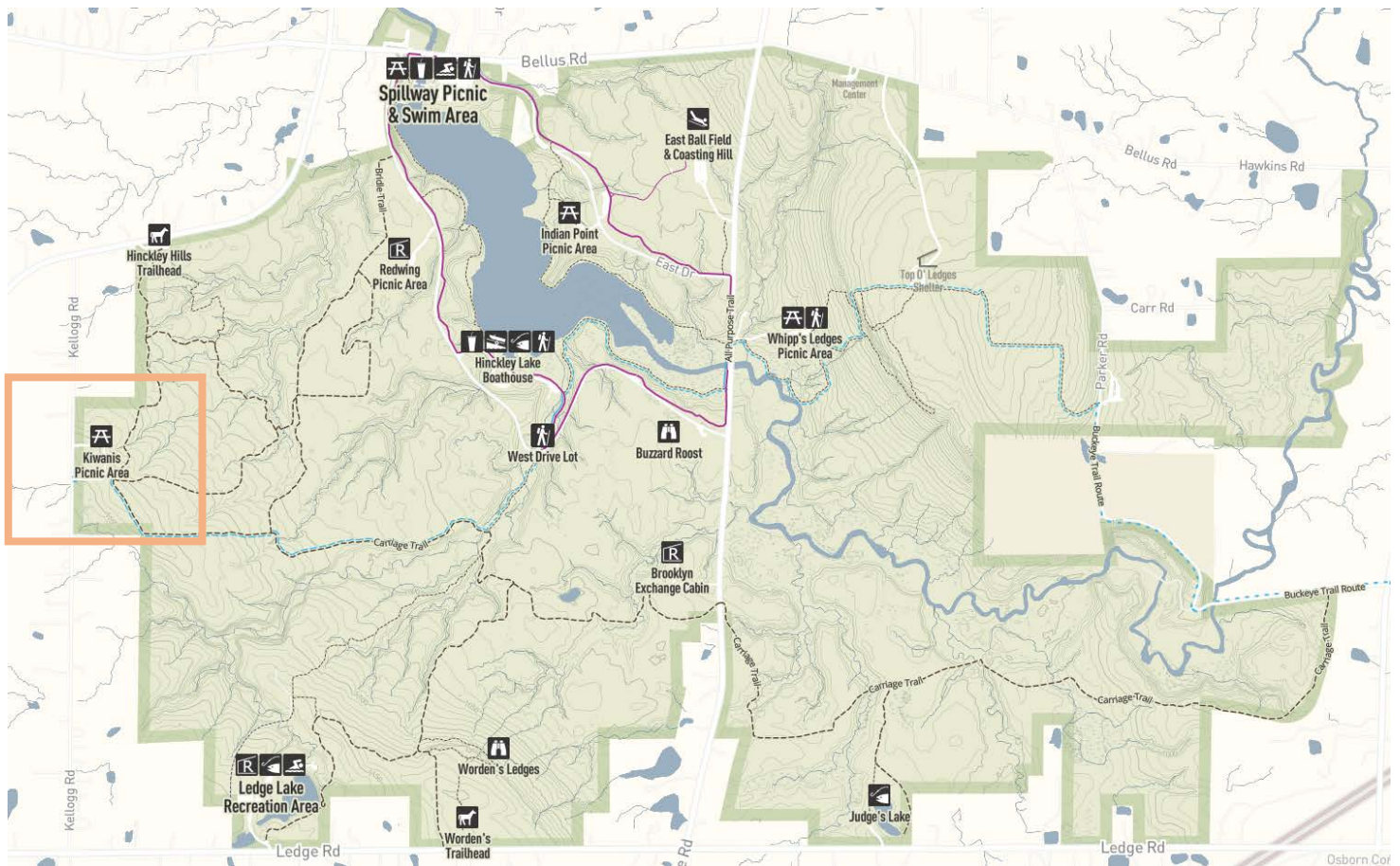
Completion Date: 10/26/2021

Project Size: 28 x 44 feet

Total Cost: \$75,000

Partners:

- Cleveland Metroparks Site and Building Trades



Fort Hill Steps Reconstruction

The Fort Hill Steps in the Rocky River Reservation were replaced after significant movement of the shale cliff alongside the original steps were no longer safe for visitors.

Project Type: Reservation Capital Project

Completion Date: 10/28/2016

Project Size: 155 stairs, 90 foot ascent

Total Cost: \$449,100

Certifications and Awards:

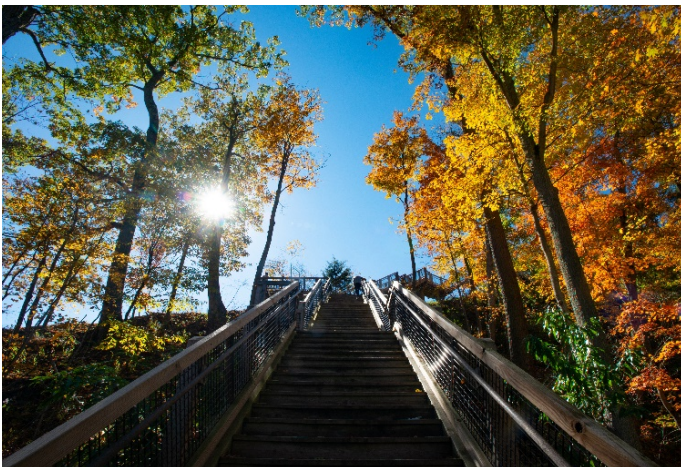
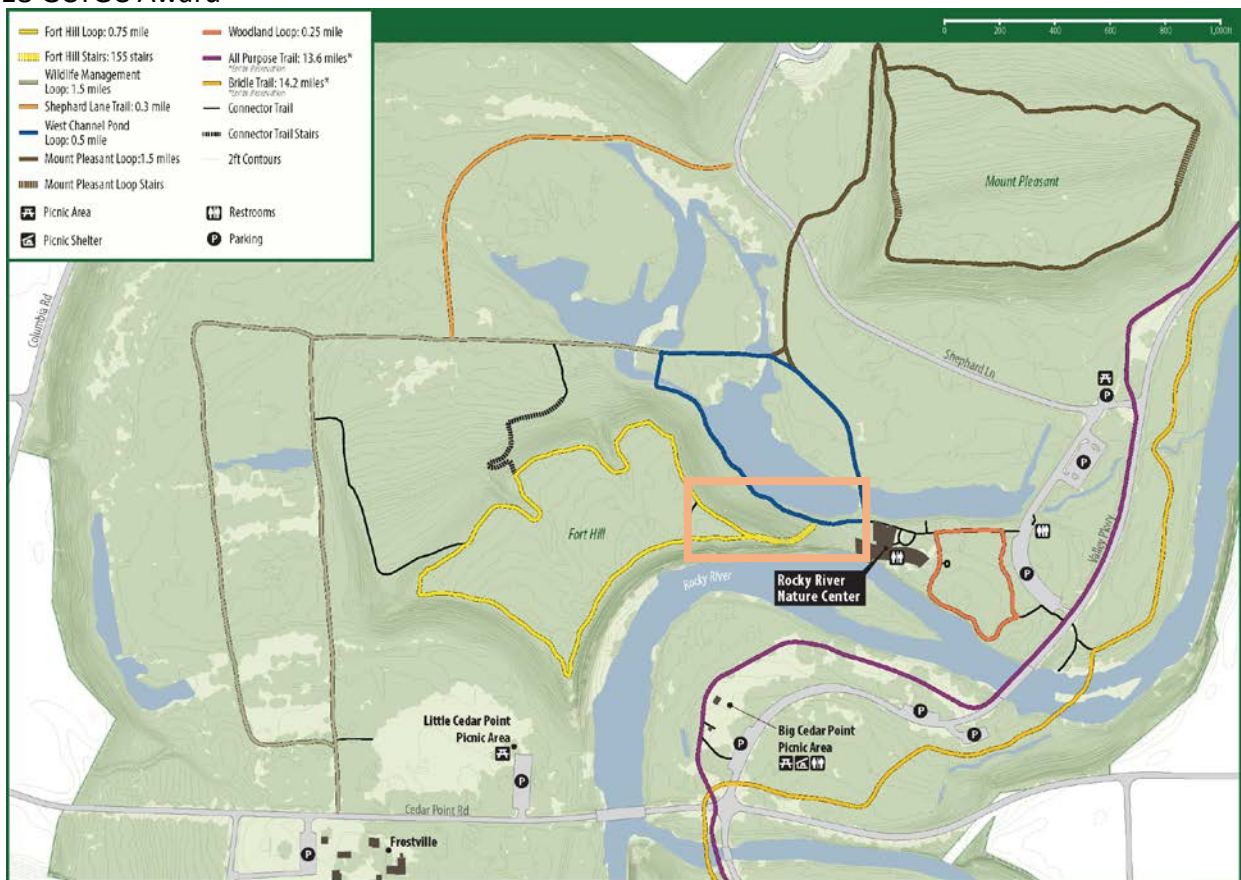
- 2018 GCTGC Award

Partners:

- MetroHealth

Consultants and Contractors include:

- E.L. Robinson Engineering
- Schirmer Construction



Lindsey Family Play Space

The Lindsey Family Play Space is located near the Upper Edgewater Picnic Shelter. The play area features a wide range of nature play opportunities including boulders, water and sand, as well as climbing structures and shaded areas designed for play and exploration. A paved trail surrounds the play area. A generous gift from the Lindsey Family as well as contributions from individuals, corporations and foundations from our community and beyond have provided support for this project.

Project Type: Reservation Capital Project

Completion Date: 7/9/2021

Project Size: nearly 1 acre

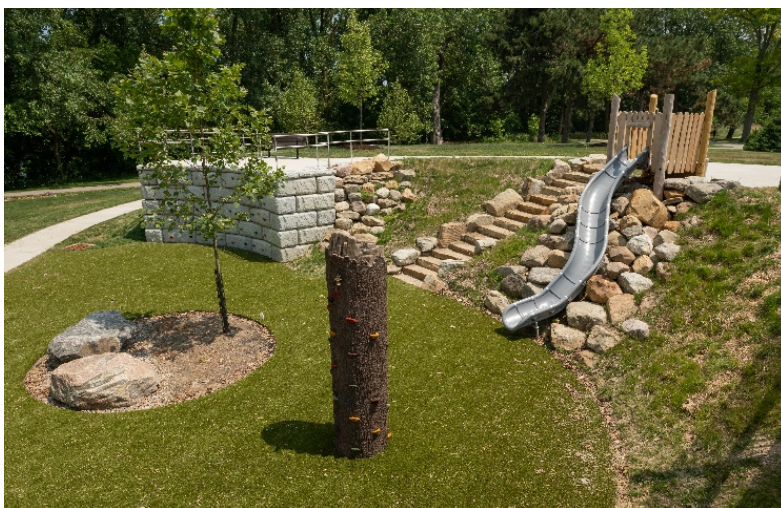
Total Cost: \$500,000

Partners:

- Brett Lindsey and Family

Consultants and Contractors include:

- I.A. Lewin-Structural Engineering
- Building Trades and Site Construction



Euclid Beach Pier

The Euclid Beach Pier was replaced to improve guest experience and to achieve compliance with the Americans with Disabilities Act. The pier offers visitors views of the downtown skyline and the historic Euclid Beach shoreline.

Project Type: Reservation Capital Project

Completion Date: 5/22/2019

Project Size: 315 feet

Total Cost: \$3,075,768

Certifications and Awards:

- 2020 Outstanding Small Project Award, ACEC Ohio Engineering Excellence Awards Program

Partners:

- Ohio Department of Natural Resources
- Emerald Necklace Endowment
- NOAA

Consultants and Contractors include:

- KS Associates
- Nerone and Sons



Stillwater Place

Stillwater Place is an event center located inside the Cleveland Metroparks Zoo. The reception hall accommodates up to 300 people and is a four-season space with an outdoor patio. The space also provides upscale catering provided by Aramark.

Project Type: Zoo Capital Project

Completion Date: June 2015

Project Size: 10,900 sf

Total Cost: \$3,000,000

Certifications and Awards:

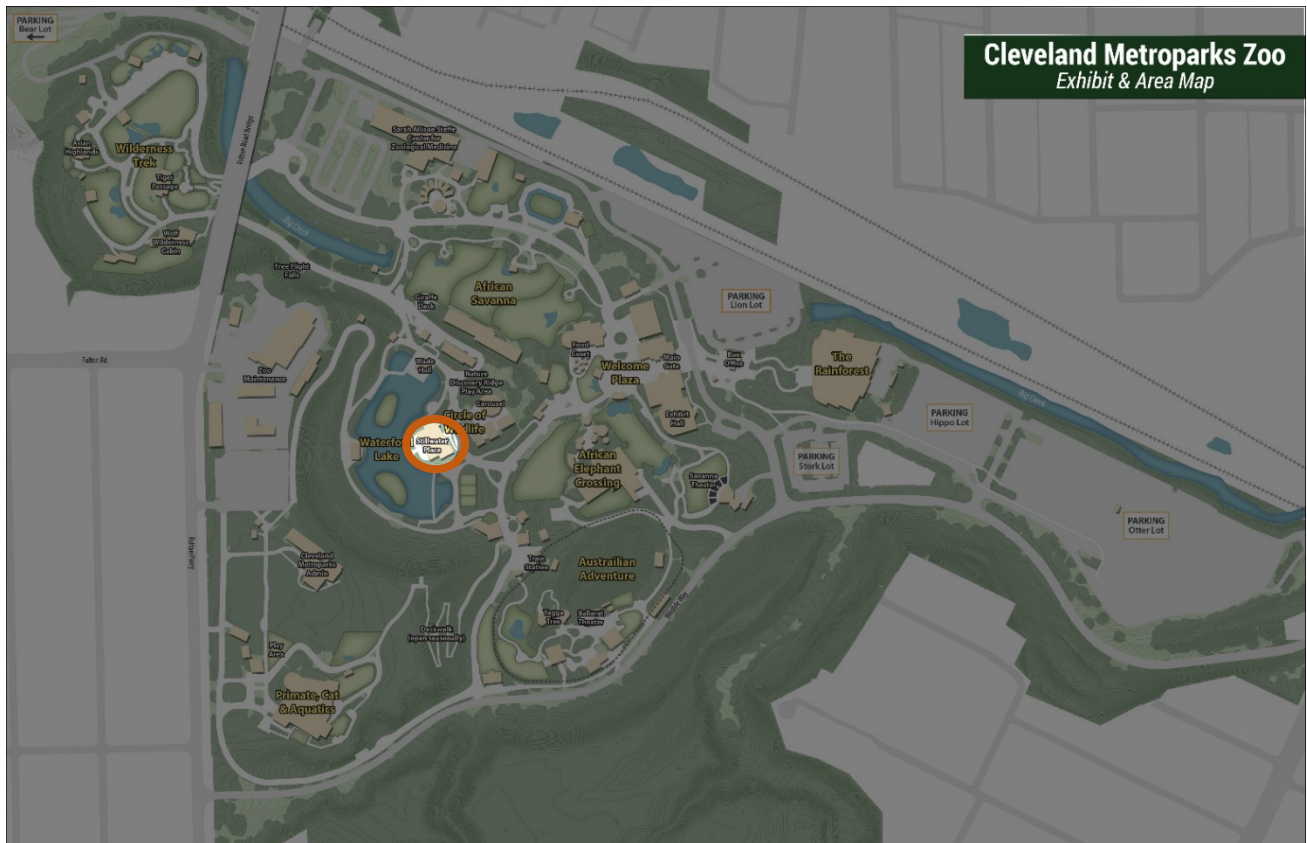
- 2017 Cleveland Engineering Society Award of Excellence

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- Peninsula Architects
- Regency Construction Services



Jack, Joseph, and Morton Mandel Welcome Pavilion

The Jack, Joseph, and Morton Mandel Welcome Pavilion raises awareness about the Zoo's wildlife conservation programs and is a spot for guests to donate to secure a future for species in the wild.

Project Type: Zoo Capital Project

Completion Date: 4/30/2018

Project Size: 456 sf

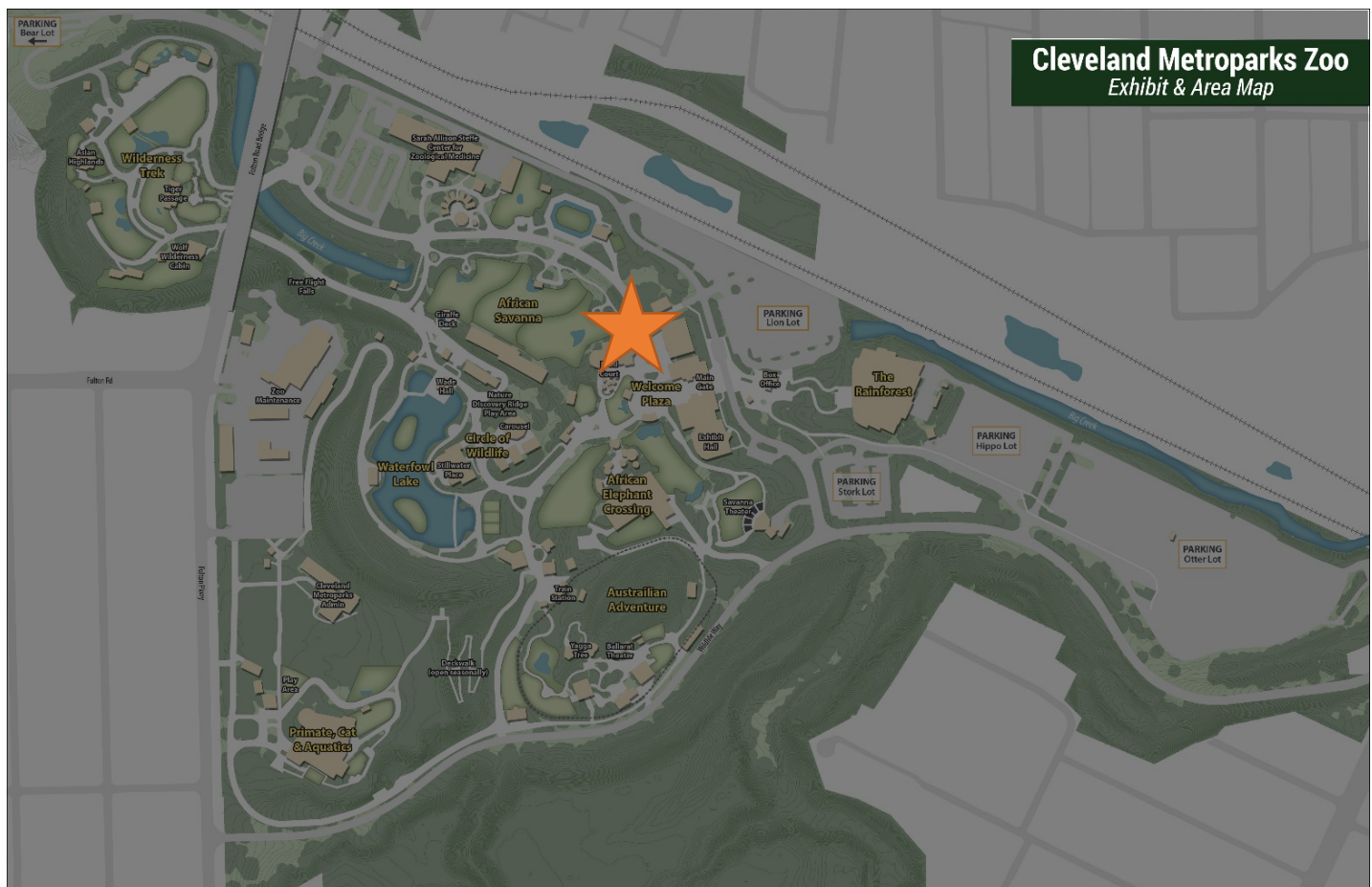
Total Cost: \$55,407

Partners:

- Cleveland Zoological Society
- Jack, Joseph, and Morton Mandel Foundation

Consultants and Contractors include:

- Osborn Engineering
- Regency Construction Services



Asian Highlands

This immersive addition to Cleveland Metroparks Zoo is home to Amur and Snow leopards, Red panda and a new species to the Zoo, Takin. The new destination includes significantly larger and more complex habitats including climbing structures, elevated platforms, cooling caves and more. Included in the new destination is an education plaza, highlighting the conservation issues these species face.

Project Type: Zoo Capital Project

Completion Date: 6/12/2018

Project Size: 1.3 acres

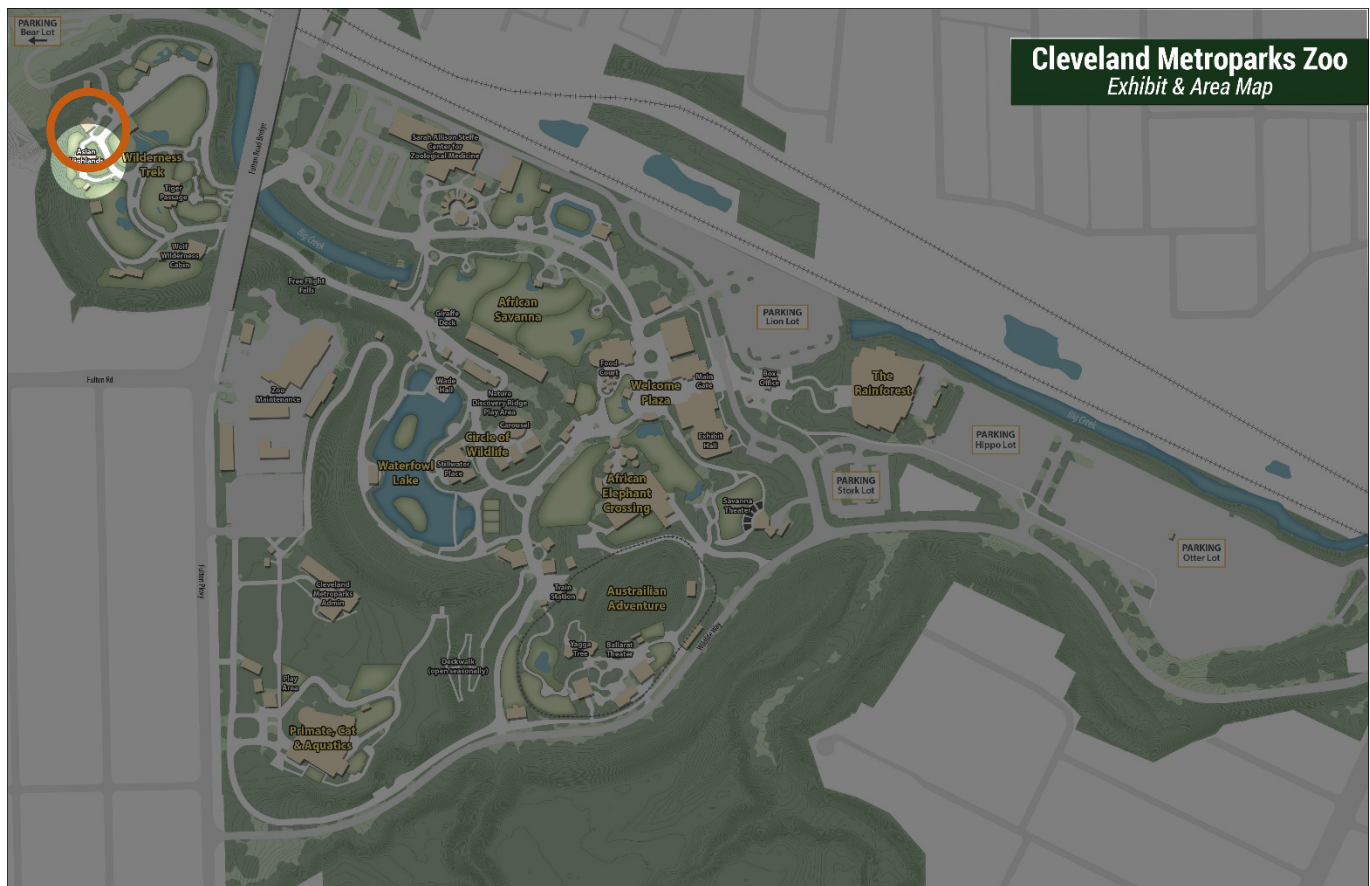
Total Cost: \$6,060,148

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- Van Auken Akins Architects
- wdm Architects
- A.M. Higley Company



Daniel Maltz Rhino Reserve

This addition to the Rhino exhibit provides a large, enhanced habitat for critically-endangered Eastern black rhinos. The expansion includes a new indoor barn, shaded outdoor areas, misting areas, a mud wallow, and rubbing posts. The site also contains a fully accessible viewing deck for the zoo guests to learn about these rhinos.

Project Type: Zoo Capital Project

Completion Date: 6/12/2018

Project Size: 18,000 sf Rhino Yard, 1,350 sf Bull Barn

Total Cost: \$2,737,476

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- Osborn Engineering
- Chieftain Trucking and Excavating



Rosebrough Tiger Passage

The Rosebrough Tiger Passage is a natural immersion habitat that is five times the size of the former tiger enclosure. It includes four interconnected habitats that the tigers can move freely through. The site also takes into the varying Cleveland weather, providing cool pools for warmer days and heated rocks for colder ones.

Project Type: Zoo Capital Project

Completion Date: 6/7/2016

Project Size: 14,780 sf

Total Cost: \$4,238,156

Certifications and Awards:

- 2017 Cleveland Engineering Society Award of Excellence

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- wdm Architects
- Van Auken Akins Architects
- Panzica Construction



African Elephant Crossing

African Elephant Crossing contains a variety of outdoor spaces for the animals to enjoy along with an enhanced guest experience. The project achieved a Gold certification from the US Green Building Council's Leadership in Energy and Environmental Design (LEED) green building certification program. The exhibit includes an interactive visitor center and showcases five African elephants along with meerkats, naked mole rats, African birds, and an African rock python.

Project Type: Zoo Capital Project

Completion Date: 5/5/2011

Project Size: 456 sf

Total Cost: \$25,000,000

Certifications and Awards:

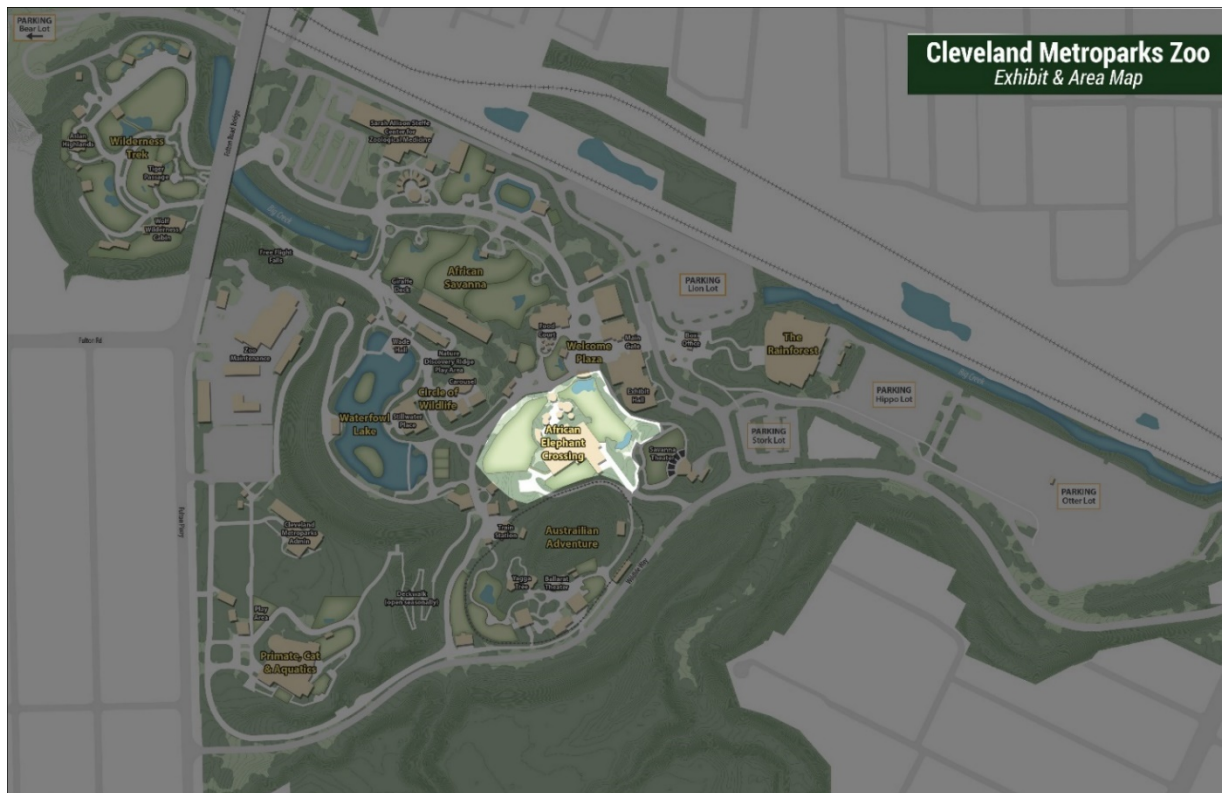
- LEED gold certified, awarded June 2013
- 2012 AZA Significant Achievement Exhibit Award
- USA Today Top 10 Zoo Exhibits (#9 in 2015)

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- Osborn Engineering
- Regency Construction Services



Ben Gogolick Giraffe Encounter

The focal point of the Ben Gogolick Giraffe Encounter is a large overlook deck positioned so guests are at eye level with the giraffes in the exhibit. The viewing deck also provides an optional experience of hand-feeding the animals.

Project Type: Zoo Capital Project

Completion Date: 7/21/2015

Project Size: 10x12 ticket booth, 2,200 sf deck

Total Cost: \$700,000

Certifications and Awards:

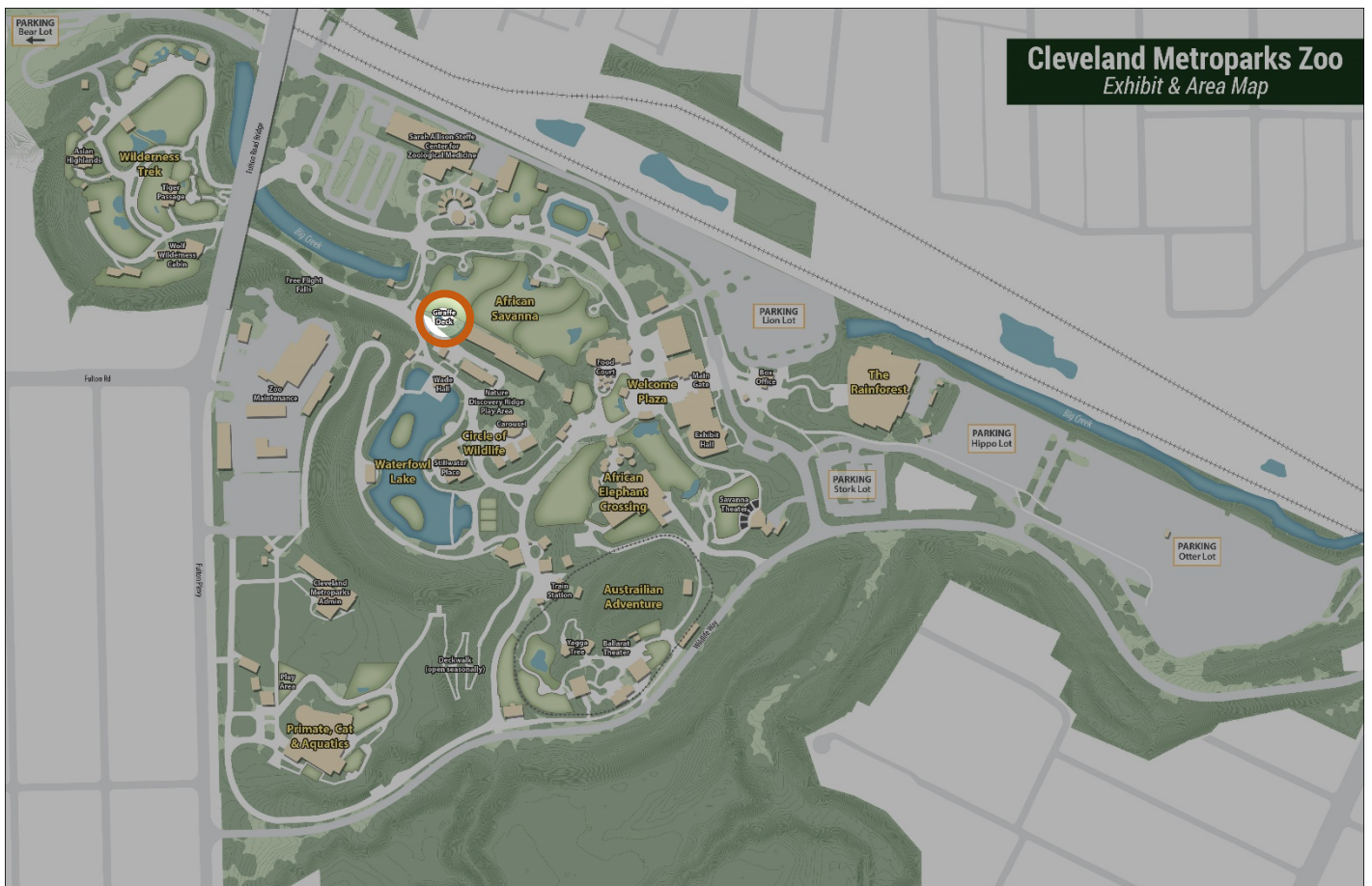
- 2017 Cleveland Engineering Society Award of Excellence

Partners:

- Cleveland Zoological Society

Consultants and Contractors include:

- EnviroCon
- Osborn Engineering



Soaring Eagle Zip Line

This new attraction provides panoramic views of the Big Creek Valley and Cleveland Metroparks Zoo, along the downtown Cleveland skyline. The dual zip lines travel at up to 35 miles per hour. The ride originates and returns to the same location between Stillwater Place and Wade Hall.

Project Type: Zoo Capital Project

Completion Date: 7/27/2021

Project Size: 703 feet and 729 feet

Total Cost: \$1,723,289

Partners:

- Cleveland Zoological Society
- Altitude Rides

Consultants and Contractors include:

- Regency Construction Services



The Club House at Sleepy Hollow Renovation

The Club House at Sleepy Hollow Golf Course hosts many events, from birthday parties, to corporate events, to weddings. The facility's kitchen and banquet hall were recently renovated to improve guest experience. Sleepy Hollow is part of Brecksville Reservation.

Project Type: Golf Capital Project

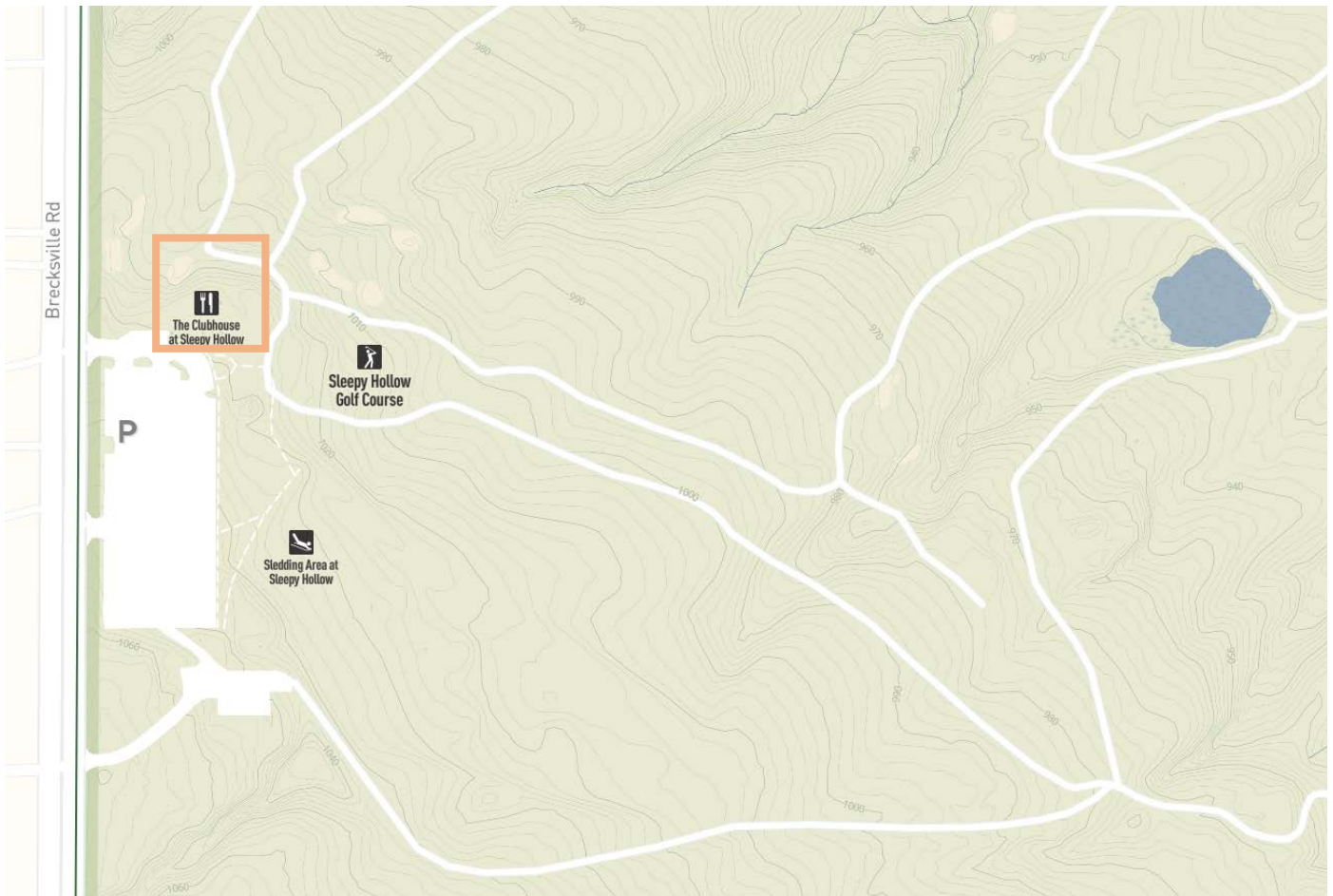
Completion Date: 5/9/2019

Project Size: 1,745 sf

Total Cost: \$300,000

Consultants and Contractors include:

- Sterling Professional Group
- PTA Engineering, Inc.



Seneca Golf Course Renovation

Seneca Golf Course was acquired by Cleveland Metroparks in 2011. Since that time, a new 27-hole design has been implemented, along with an improved maintenance facility, new signage, and a new irrigation system. The irrigation was changed from steel pipes to a polyethylene pipe system. A Rain Bird system designed to conserve water was also added to the course. Cleveland Metroparks also implemented No-Mow areas to create pockets of wildlife habitat. Future renovations include a state-of-the-art driving range, sledding hill, and a short-game practice area.

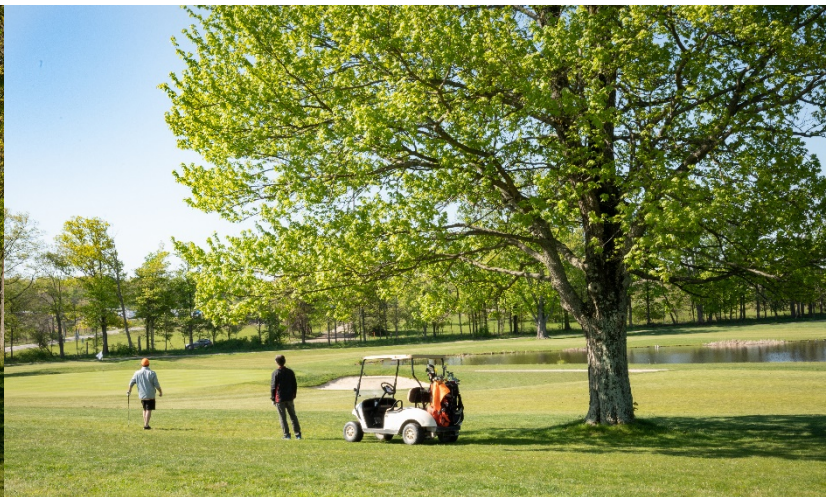
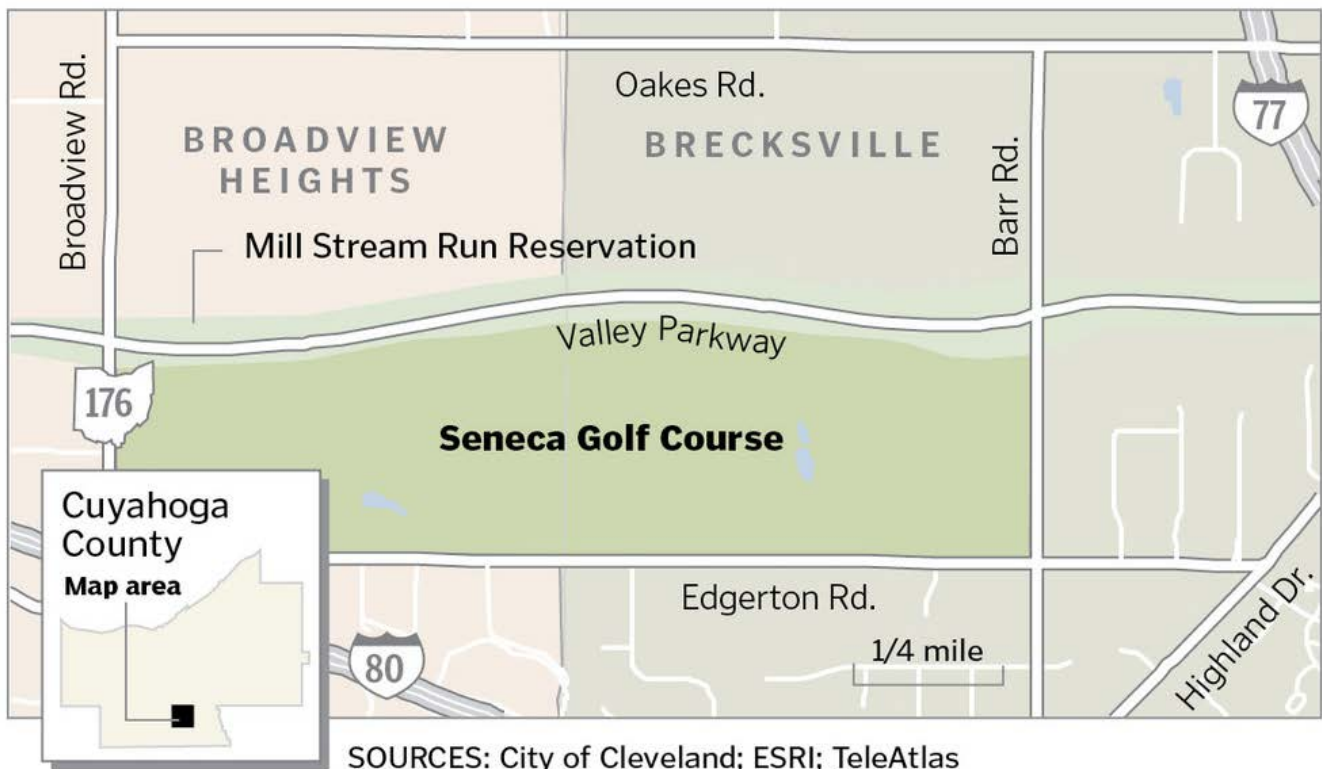
Project Type: Golf Capital Project

Completion Date: Ongoing, new golf course design opened April 2018 and new irrigation plan was completed in 2014

Project Size: 350 acres

Consultants and Contractors include:

- Sustainable Sports, LLC
- A.S. Altum and Associates



Manikiki Golf Course Improvements

Manikiki Golf Course is an elegant public course in a classic Donald Ross design. The course offers a variety of challenges including doglegs, water hazards, up-and-down shots, back-to-back par 5s, and two canyon holes. The course is full of picturesque beauty from its maple-lined fairways, elevated tees and greens as well as its historic clubhouse – formerly a summer estate for prominent Cleveland industrialist Howard Hanna.

Project Type: Golf Capital Project

Improvements made:

- Expanded tee boxes
- New bunkers
- Better drainage
- Reconstruction of fairway on Hole 10 and 18
- Expanded Green on 14th green
- Improving course overall appearance

Completion date: Improvements made incrementally; irrigation was completed in 2019

Project Size: around 156 acres

Certifications and Awards:

- 2021 GOLF Magazine- 27th Best Municipal Golf Course
- Golf Advisor: Top Courses in Ohio (2020 #24) (2016 #18) (2015 #17)

