



Cleveland Metroparks®

FIND YOUR PATH

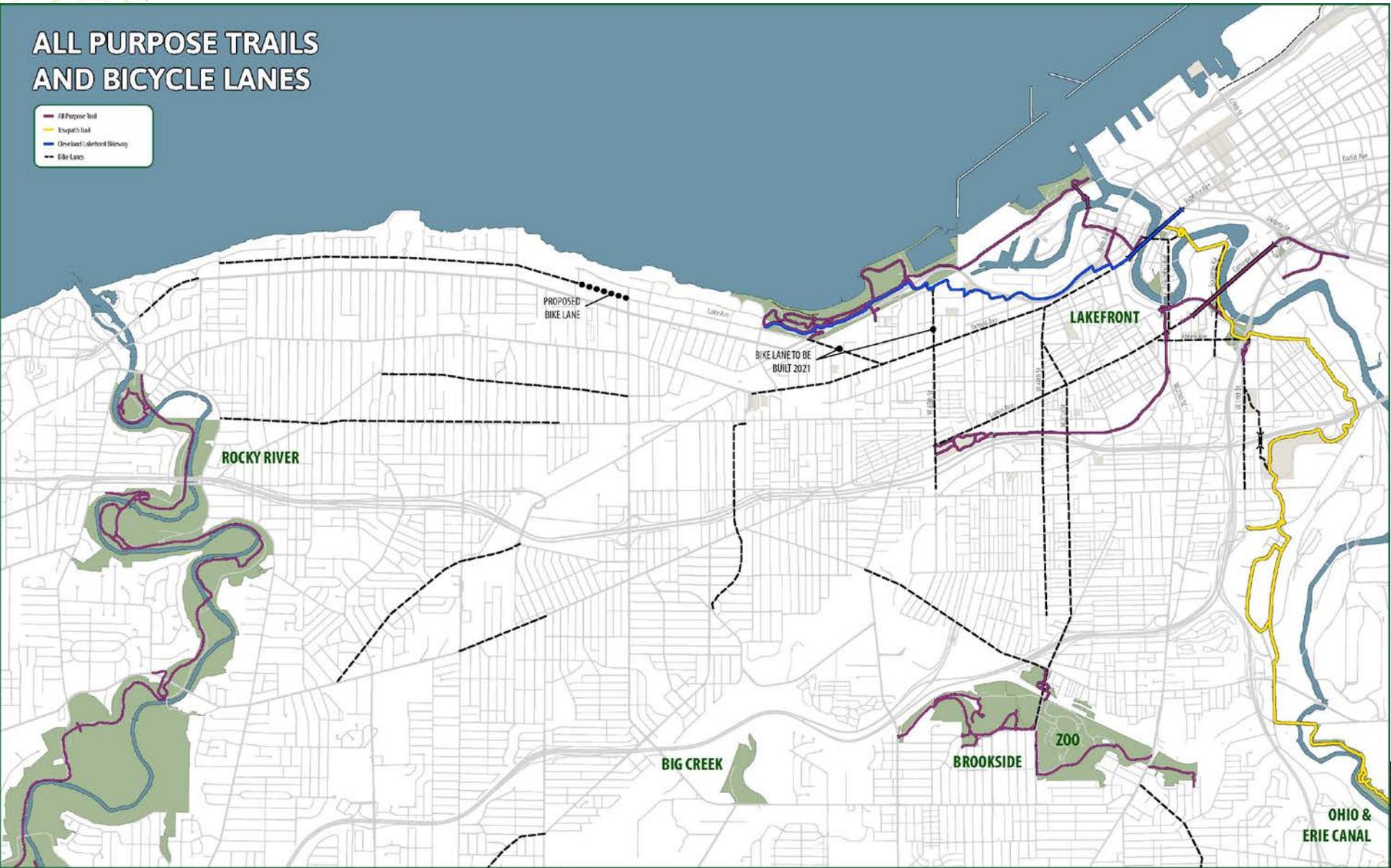
Lake Avenue Sidewalk Enhancement Opportunity

May 20, 2021

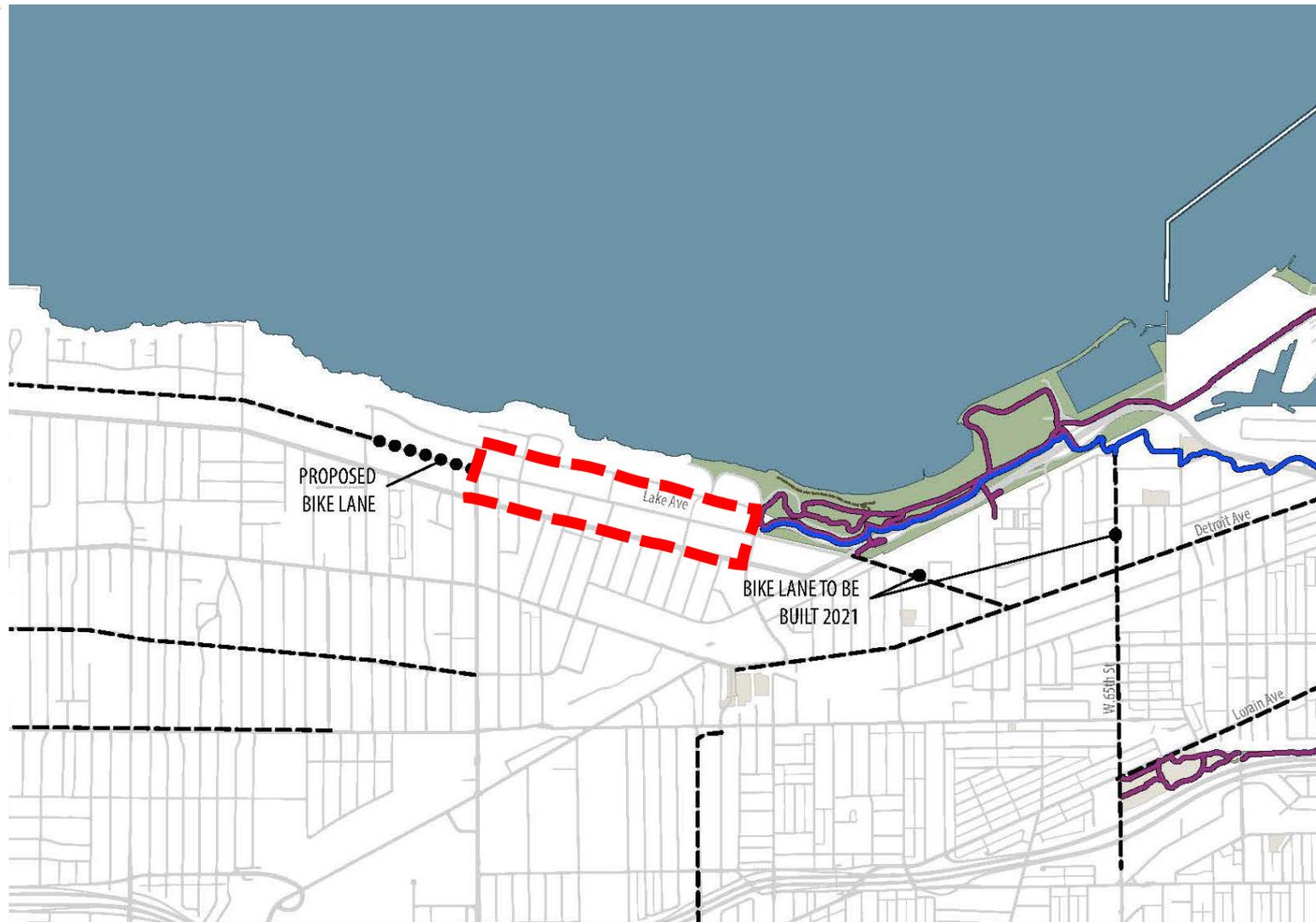
Lake Avenue Sidewalk Enhancement Opportunity

ALL PURPOSE TRAILS AND BICYCLE LANES

- All Purpose Trail
- Esplanade Trail
- Cleveland Lakefront Bikeway
- - - Bike Lanes



Lake Avenue Sidewalk Enhancement Opportunity



Overview

Planning Precedent

- Cleveland Lakefront Bikeway
- US and State Bicycle Route Designations
- Regional Bicycle Plan
- Cuyahoga Greenways Plan & Cuyahoga Greenway Partners
- Cuyahoga County Lakefront Public Access Plan (underway)
- NOACA Lakefront Connectivity Plan (underway)

Safety & Policies

- Vision Zero
- Complete & Green Streets

Bicycle & Pedestrian Facilities – Existing & Planned

- Cleveland Metroparks
- West Side

Lake Avenue Resurfacing Project

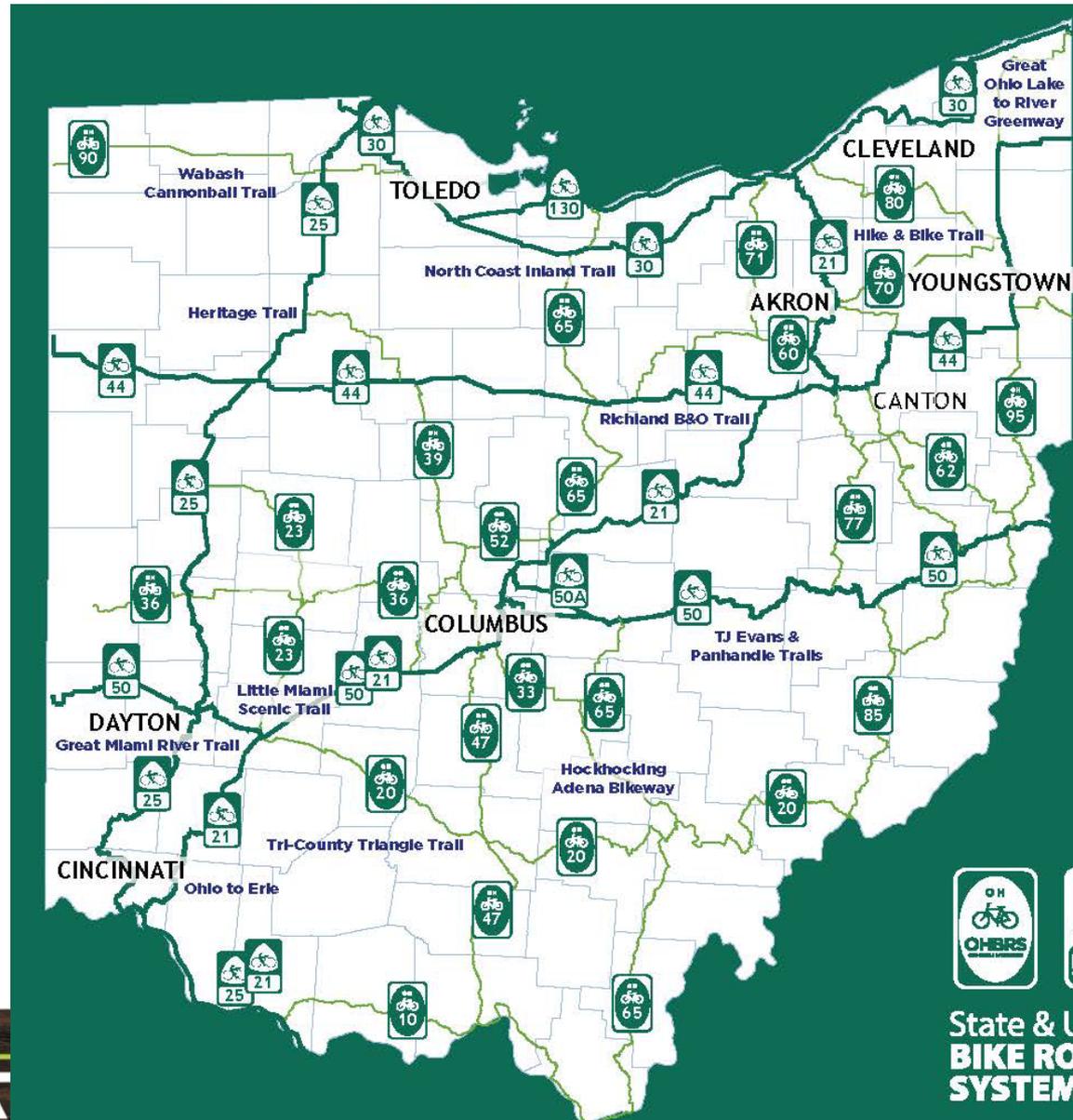
- Public Engagement & Feedback
- Partnerships & Proposed Sidewalk Enhancement Project

Planning Precedent: Cleveland Lakefront Bikeway



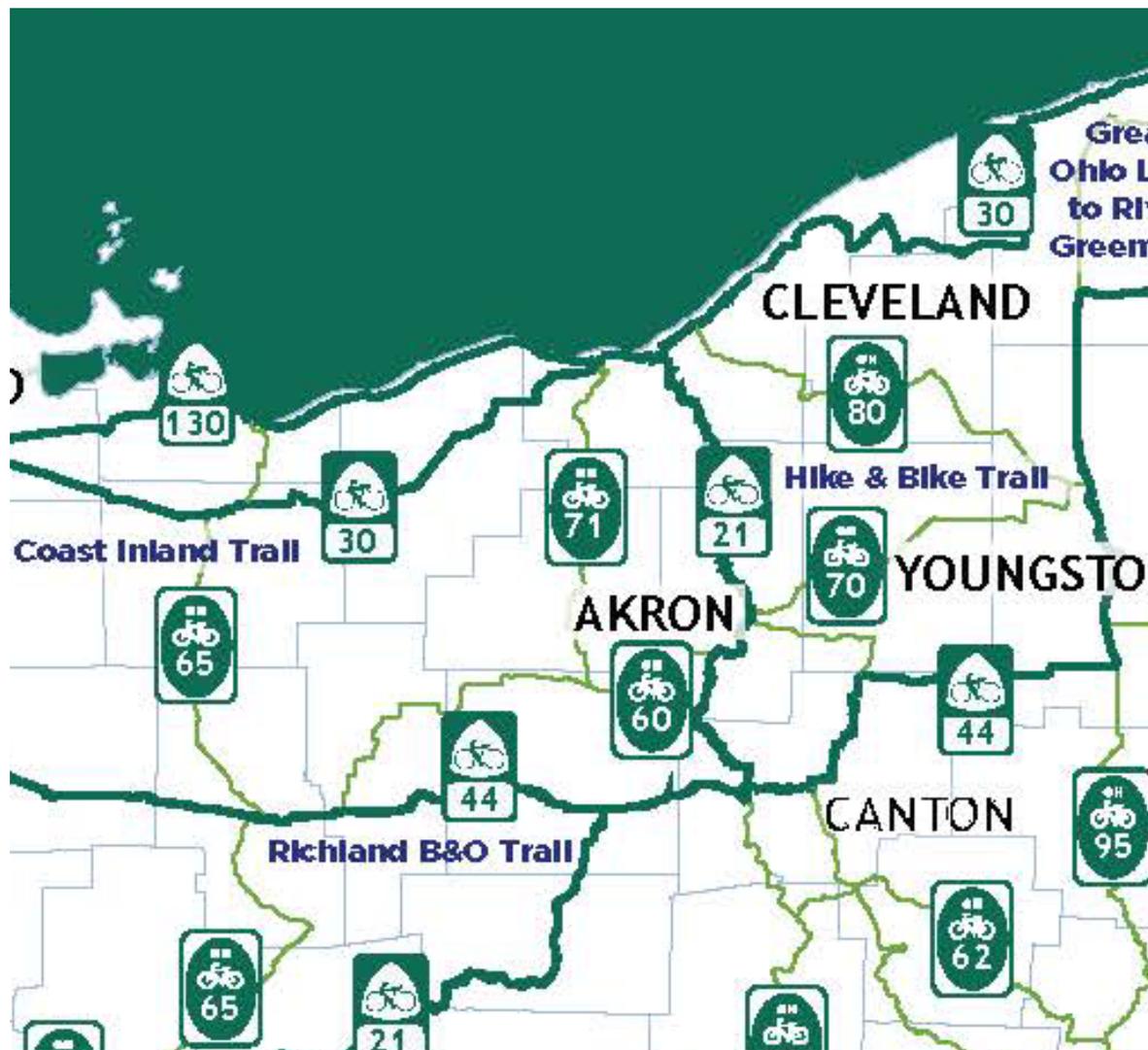
Planning Precedent: US and State Bicycle Routes

US Route 30



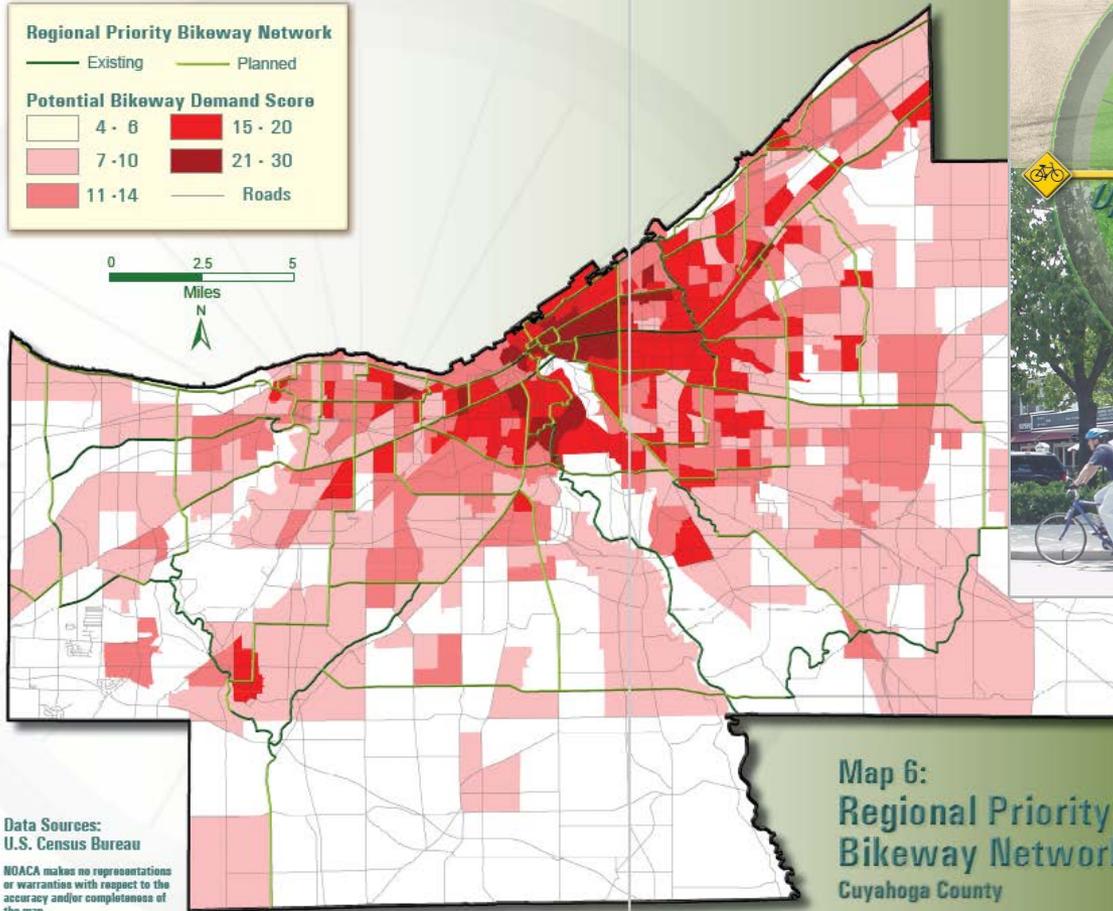
Planning Precedent: US and State Bicycle Routes

US Route 30



Planning Precedent: Regional Bicycle Plan

NOACA Regional Bicycle Plan

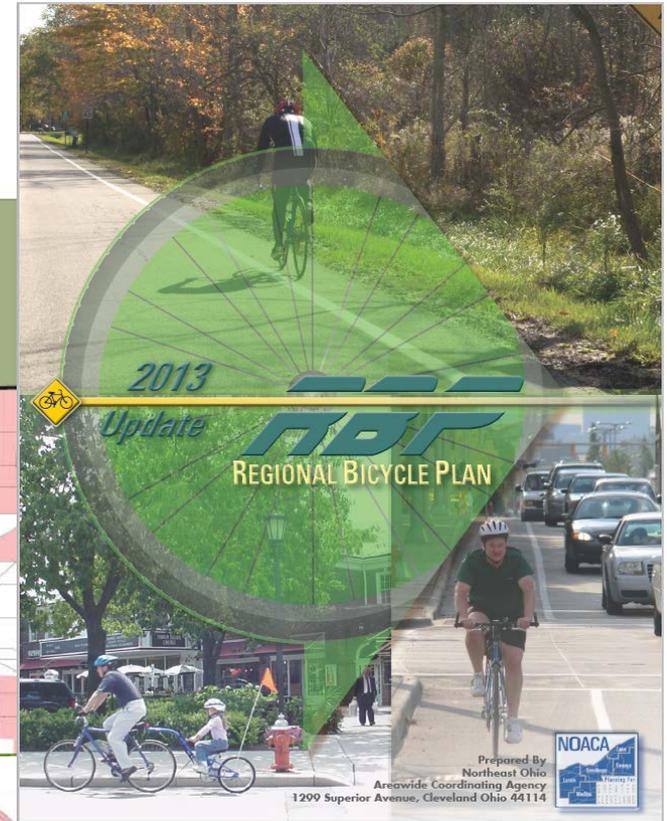


Map 6:
Regional Priority
Bikeway Network
Cuyahoga County



Data Sources:
U.S. Census Bureau

NOACA makes no representations or warranties with respect to the accuracy and/or completeness of the map.



Prepared By
Northeast Ohio
Area-wide Coordinating Agency
1299 Superior Avenue, Cleveland Ohio 44114



Planning Precedent: Regional Bicycle Plan

Appendix II: Regional Priority Bikeway Network

NOACA Regional Bicycle Plan

Segment	Location	Length	Municipality	County
Harvard Ave.	E 55th St. to Broadway Ave.	1.23	Cleveland	Cuyahoga
Hayden Ave.	Saint Clair Ave. to Woodworth Rd.	0.21	Cleveland	Cuyahoga
Hogsback Ln.	Riverside Dr. to Valley Parkway Trail	0.39	Cleveland	Cuyahoga
Holmden Ave.	W 14th St. to Towpath Trail	0.32	Cleveland	Cuyahoga
Huron Rd.	E 13th St. to Prospect Ave.	0.16	Cleveland	Cuyahoga
Huron Rd.	Ontario St. to E 4th St.	0.07	Cleveland	Cuyahoga
Lake Ave.	West Blvd. to Detroit Ave.	0.82	Cleveland	Cuyahoga
Lake Ave.	W 117th St. to West Blvd.	0.90	Cleveland	Cuyahoga
Lake Shore Blvd.	E 140th St. to Grovewood Ave.	0.78	Cleveland	Cuyahoga
Lakefront Bikeway	N/A	1.35	Cleveland	Cuyahoga
Lakeshore Blvd.	Grovewood Ave. to 185th St.	2.10	Cleveland	Cuyahoga
Lanken Ave.	IR 90 to Nottingham Rd.	0.20	Cleveland	Cuyahoga
Lee Rd.	Scottsdale Blvd. to Harvard Ave.	0.51	Cleveland	Cuyahoga
Lorain Ave.	W 20th St. to Ontario St.	0.92	Cleveland	Cuyahoga
Lorain Ave.	65th St. to 20th St.	1.80	Cleveland	Cuyahoga
Lorain Ave.	Rocky River Dr. to W 140th St.	1.42	Cleveland	Cuyahoga
Lorain Ave.	W 140th St. to 117th St.	1.20	Cleveland	Cuyahoga
Lorain Ave.	W 117th St. to W 101st St.	0.83	Cleveland	Cuyahoga
Lorain Ave.	Denison Ave. to W 65th St.	1.38	Cleveland	Cuyahoga
Lorain Ave.	Cleveland Corp Limit to Rocky River Dr.	0.45	Cleveland	Cuyahoga
Madison Ave.	W 117th St. to West Blvd.	0.76	Cleveland	Cuyahoga
Memphis Ave.	Newberry Dr. to Pearl Rd.	1.44	Cleveland	Cuyahoga
Miles Ave.	Broadway Ave to E 116th St.	1.11	Cleveland	Cuyahoga
Mill Creek Trail	N/A	0.72	Cleveland	Cuyahoga
MLK Dr.	Superior Ave. to Euclid Ave.	1.47	Cleveland	Cuyahoga
MLK Dr.	Cleveland Lakefront Bikeway to East Blvd.	0.36	Cleveland	Cuyahoga
MLK Dr.	Carnegie Ave. to Cedar Ave.	0.05	Cleveland	Cuyahoga
MLK Dr.	Saint Clair Ave. to Superior Ave.	0.91	Cleveland	Cuyahoga
MLK Dr.	Euclid Ave. to Cedar Ave.	0.33	Cleveland	Cuyahoga
MLK Dr.	East Blvd. to Saint Clair Ave.	0.19	Cleveland	Cuyahoga
MLK Dr.	Buckeye Rd. to Aetna Rd.	1.61	Cleveland	Cuyahoga
MLK Dr.	Stokes Blvd. to Woodland Ave.	0.35	Cleveland	Cuyahoga
MLK Dr.	Woodland Ave. to Buckeye Rd.	0.53	Cleveland	Cuyahoga
North Marginal Rd.	E 9th St. to E 55th St.	2.67	Cleveland	Cuyahoga
Nottingham Rd.	Lanken Ave. to Dille Rd.	0.67	Cleveland	Cuyahoga
Ontario St.	Saint Clair Ave. to Superior Ave.	0.14	Cleveland	Cuyahoga

Segment	Location	Length	Municipality	County
Ontario St.	Huron Rd. to Carnegie Ave.	0.30	Cleveland	Cuyahoga
Ontario St.	Superior Ave. to Prospect Ave.	0.15	Cleveland	Cuyahoga
Pearl Rd.	Memphis Ave. to Brookpark Rd.	1.93	Cleveland	Cuyahoga
Pearl Rd.	Denison Ave. to Memphis Ave.	0.72	Cleveland	Cuyahoga
Pearl Rd.	IR 71 to Denison Ave.	0.39	Cleveland	Cuyahoga
Prospect Ave.	Huron Rd. to E 22nd St.	0.55	Cleveland	Cuyahoga
Prospect Ave.	Ontario St. to Huron Rd.	0.39	Cleveland	Cuyahoga
Puritas Ave.	W 150th St. to W 140th St.	0.55	Cleveland	Cuyahoga
Rocky River Dr.	Hogsback Ln. to Lorain Ave.	1.59	Cleveland	Cuyahoga
Sackett Ave.	W 25th St. to Scranton Rd.	0.10	Cleveland	Cuyahoga
Saint Clair Ave.	East Blvd. to E 140th St.	2.55	Cleveland	Cuyahoga
Saint Claire Ave.	W 9th St. to Ontario St.	0.32	Cleveland	Cuyahoga
Saint Clare Ave.	Ontario St. to W 13th St.	0.56	Cleveland	Cuyahoga
Stokes Blvd.	Cedar Ave. to MLK Dr.	0.63	Cleveland	Cuyahoga
Superior Ave.	E 13th St. to 55th St.	1.95	Cleveland	Cuyahoga
Superior Ave.	Belvoir Blvd. to Upper Valley Dr.	1.26	Cleveland	Cuyahoga
Superior Ave.	55th St. to MLK Dr.	1.61	Cleveland	Cuyahoga
Superior Ave.	W 9th St. to Ontario St.	0.32	Cleveland	Cuyahoga
Towpath Trail	N/A	1.58	Cleveland	Cuyahoga
Towpath Trail	N/A	3.61	Cleveland	Cuyahoga
Valentine Ave.	Scranton Rd. to W 14th St.	0.21	Cleveland	Cuyahoga
Valley Parkway Trail	N/A	1.09	Cleveland	Cuyahoga
W 140th St	Lorain Ave. to Puritas Ave.	1.48	Cleveland	Cuyahoga
W 140th St.	Lakewood Heights Blvd. to Lorain Ave.	1.05	Cleveland	Cuyahoga
W 14th St.	Valentine Ave. to Holmden Ave.	0.33	Cleveland	Cuyahoga
W 159th St.	IR 90 to Edgecliff Ave.	0.39	Cleveland	Cuyahoga
W 25th St.	Lorain Ave. to IR 71	1.98	Cleveland	Cuyahoga
W 65th St.	Detroit Ave. to Lorain Ave.	0.65	Cleveland	Cuyahoga
W 9th St.	Saint Clair Ave. to Superior Ave.	0.14	Cleveland	Cuyahoga
West Blvd.	Lake Ave to Madison Ave.	0.80	Cleveland	Cuyahoga
West Blvd.	Madison Ave. to Lorain Ave.	0.79	Cleveland	Cuyahoga
Woodland Ave.	E 22nd St. to E 55th St.	1.28	Cleveland	Cuyahoga
Woodland Ave.	E 55th St. to Buckeye Rd.	1.18	Cleveland	Cuyahoga
Cedar Rd.	Murray Hill Rd. to Lee Rd.	2.01	Cleveland Heights	Cuyahoga
Lee Rd.	Cedar Rd. to N Park Blvd.	1.18	Cleveland Heights	Cuyahoga
Lee Rd.	Forest Hills Blvd. to Cedar Rd.	1.58	Cleveland Heights	Cuyahoga

Planning Precedent: Regional Bicycle Plan

Appendix II: Regional Priority Bikeway Network

NOACA Regional Bicycle Plan

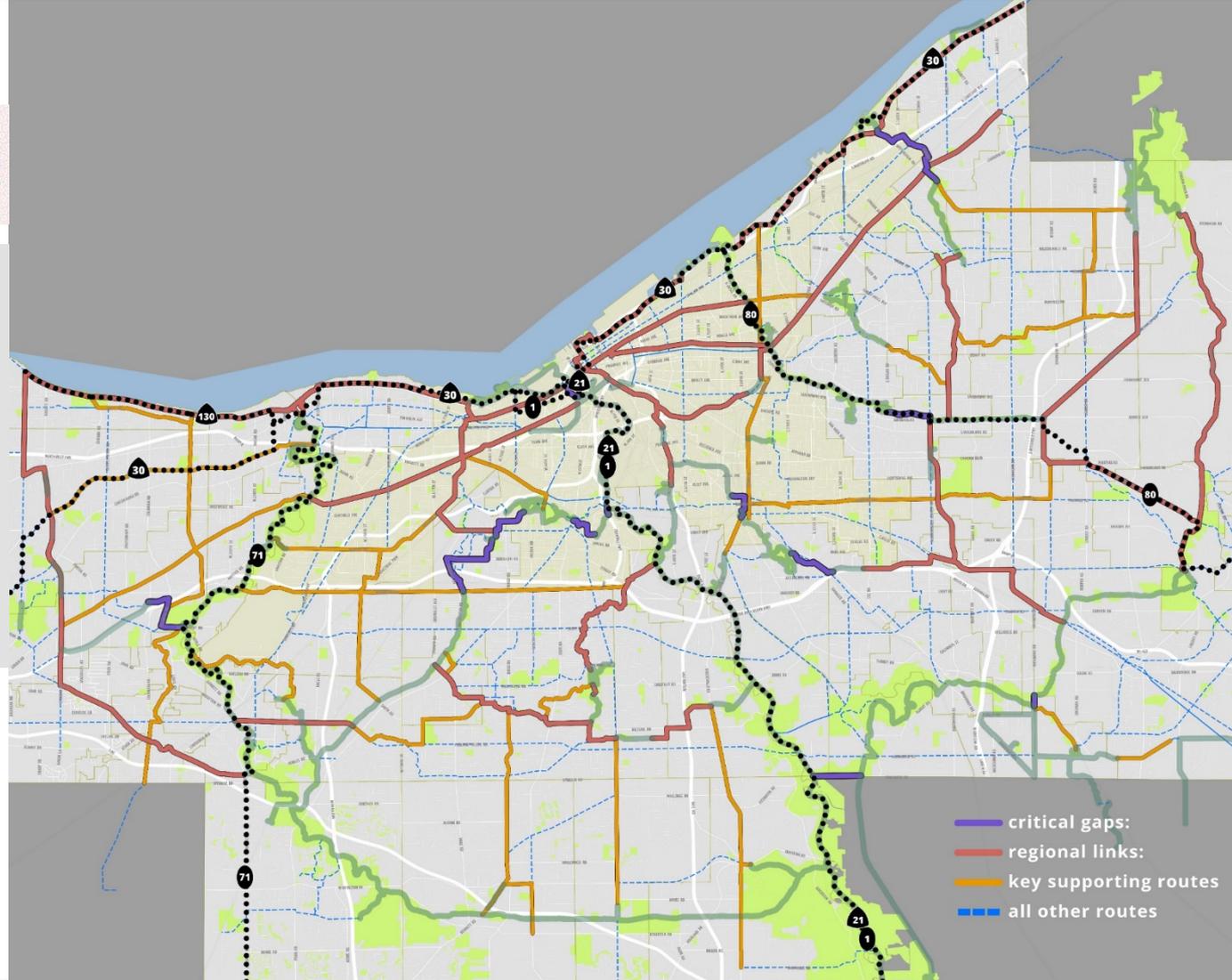
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Huron Rd.	Ontario St. to E 4th St.	0.07	Cleveland	Cuyahoga
Lake Ave.	West Blvd. to Detroit Ave.	0.82	Cleveland	Cuyahoga
Lake Ave.	W 117th St. to West Blvd.	0.90	Cleveland	Cuyahoga
Lake Shore Blvd.	E 140th St. to Grovewood Ave.	0.78	Cleveland	Cuyahoga
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Lakeshore Blvd.	Grovewood Ave. to 185th St.	2.10	Cleveland	Cuyahoga
Lanken Ave.	IR 90 to Nottingham Rd.	0.20	Cleveland	Cuyahoga
Lee Rd.	Scottsdale Blvd. to Harvard Ave.	0.51	Cleveland	Cuyahoga
Lorain Ave.	W 20th St. to Ontario St.	0.92	Cleveland	Cuyahoga
Lorain Ave.	65th St. to 20th St.	1.80	Cleveland	Cuyahoga
Lorain Ave.	Rocky River Dr. to W 140th St.	1.42	Cleveland	Cuyahoga
Lorain Ave.	W 140th St. to 117th St.	1.20	Cleveland	Cuyahoga
Lorain Ave.	W 117th St. to W 101st St.	0.83	Cleveland	Cuyahoga
Lorain Ave.	Denison Ave. to W 65th St.	1.38	Cleveland	Cuyahoga
Lorain Ave.	Cleveland Corp Limit to Rocky River Dr.	0.45	Cleveland	Cuyahoga
Madison Ave.	W 117th St. to West Blvd.	0.76	Cleveland	Cuyahoga
Memphis Ave.	Memphis Dr. to Bond St.	1.44	Cleveland	Cuyahoga

Planning Precedent: Cuyahoga Greenways Plan



CUYAHOGA
greenways

- **Critical Gaps**
 - 12 Projects (14 mi.)
- **Regional Links**
 - 27 Projects (132 mi.)
- **Key Routes**
 - 30 Projects (111 mi.)
- **Supporting Routes**
 - > 350 mi.



- critical gaps:
- regional links:
- key supporting routes
- all other routes

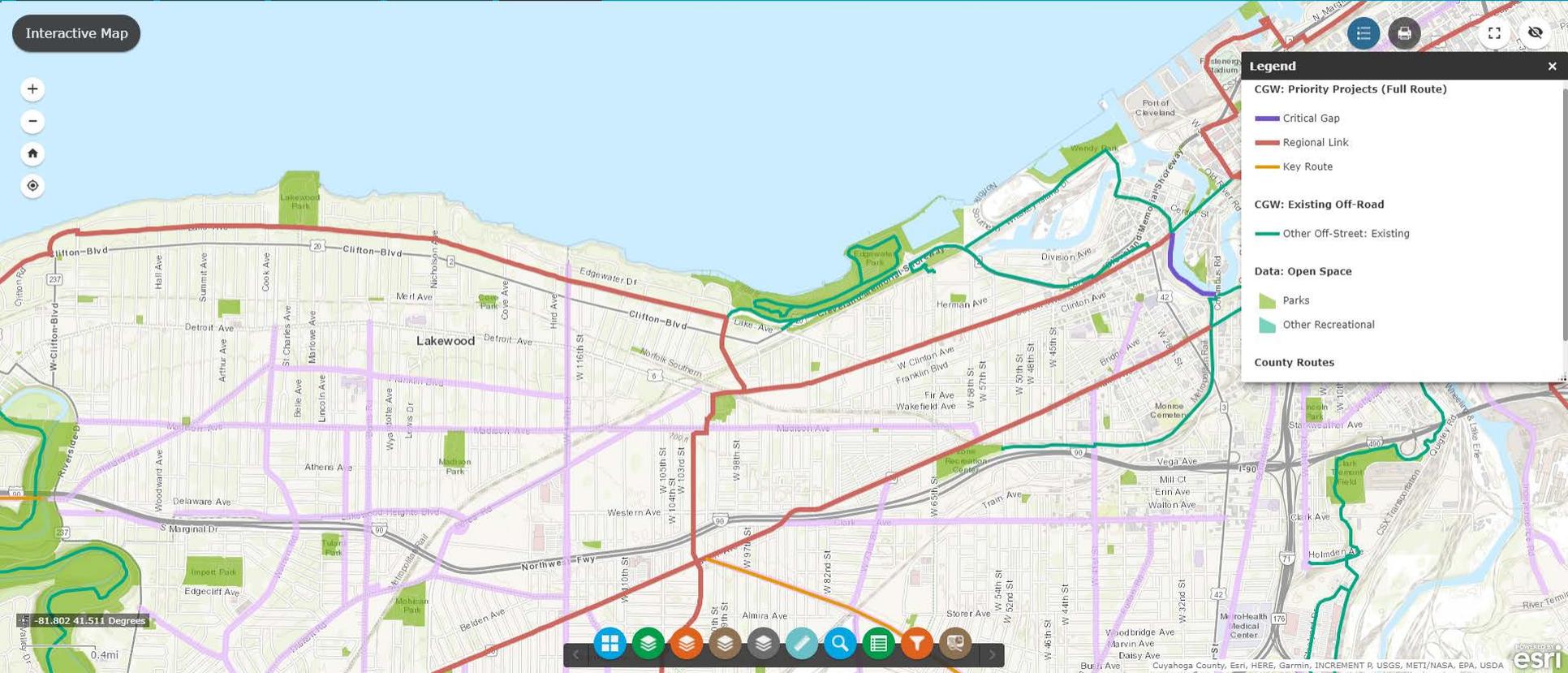
Planning Precedent: Cuyahoga Greenways Plan

CUYAHOGA GREENWAYS: Framework Plan

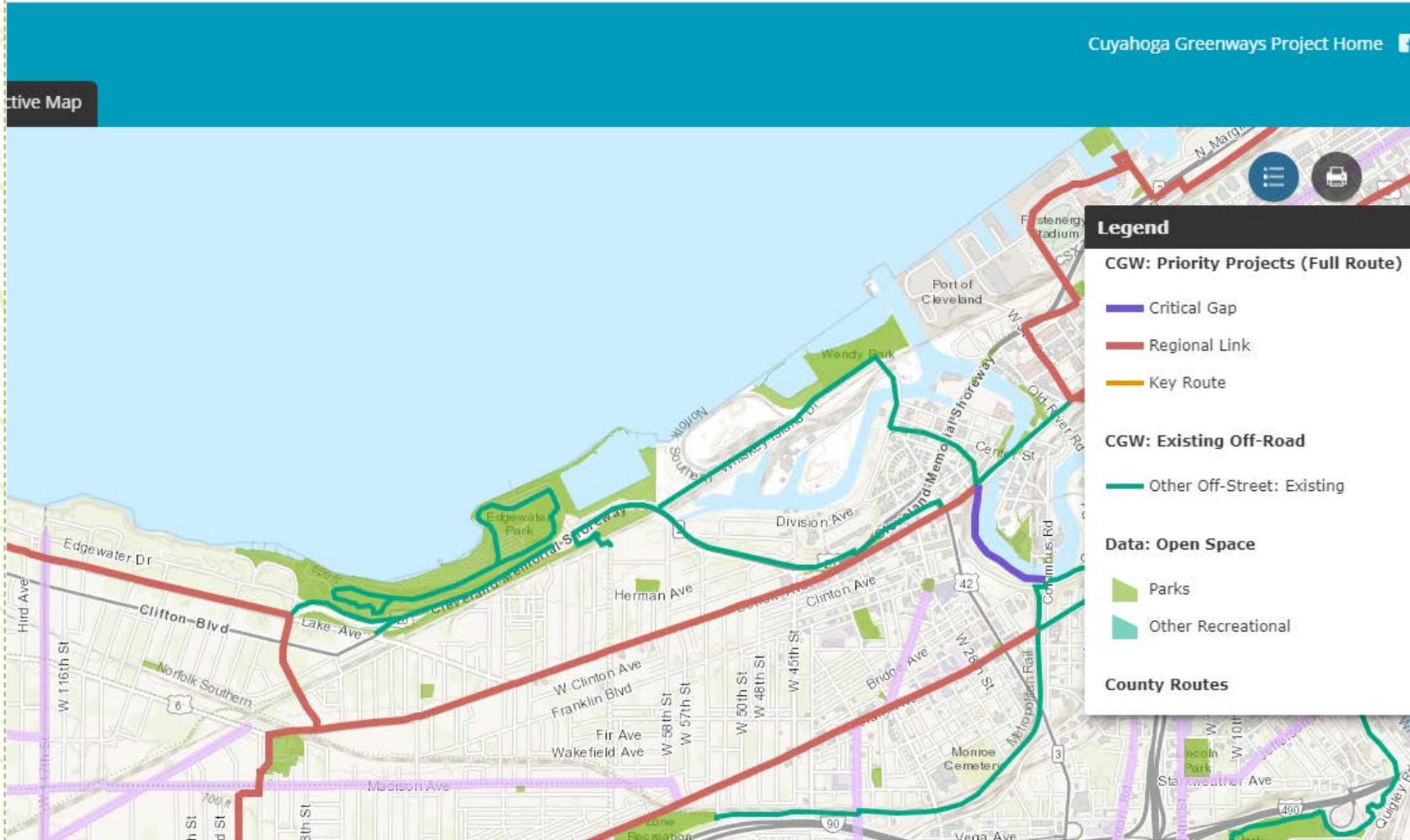
Cuyahoga Greenways Project Home [f](#) [t](#) [i](#) 

- Greenway Framework
- Goals & Process
- Route Evaluation
- Implementation
- Interactive Map

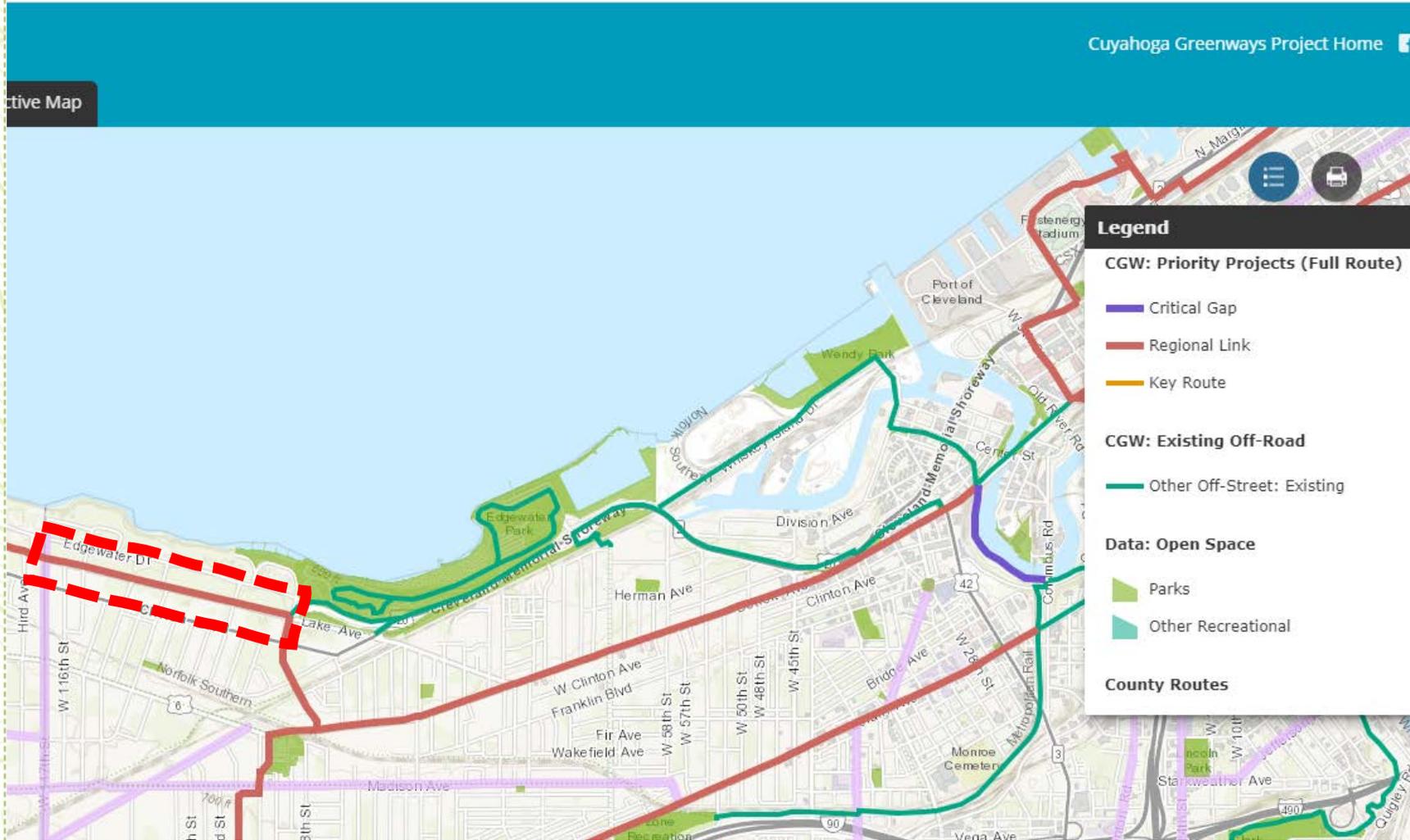
Interactive Map



Planning Precedent: Cuyahoga Greenways Plan



Planning Precedent: Cuyahoga Greenways Plan



Planning Precedent: Cuyahoga County Lakefront Public Access Plan

Cuyahoga County Lakefront Connection

Focus Areas, with Cuyahoga Greenways TLCI Plan



Euclid Waterfront Improvement Plan



Cleveland Metroparks
Lakefront Reservation
Wildwood Park



Lakewood Park & Solstice Steps

- LEGEND**
- Focus Area
 - TLCI Study Area
 - Euclid Waterfront Project Area
 - ★ Lake Erie Water Trail Paddle Access Point



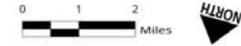
Rocky River Bradstreet Landing



Planning Precedent: Cuyahoga County Lakefront Public Access Plan

Cuyahoga County Lakefront Connection

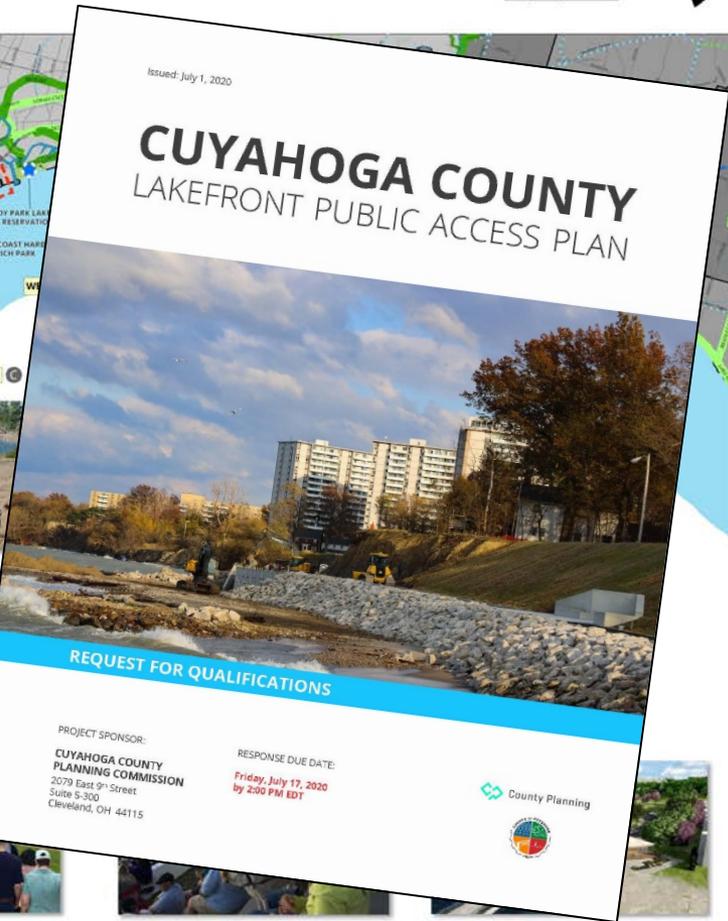
Focus Areas, with Cuyahoga Greenways TLCI Plan



Euclid Waterfront Improvement Plan



Cleveland Metroparks Lakefront Reservation
Wildwood Park



Lakewood Park & Solstice Steps

Rocky River Bradstreet Landing

INTRODUCTION

This year NOACA focused its Planning Studies program on projects that promote regional benefit.

- The Regional Lakefront Transportation Connections TLCI Plan will (partnering with all Cities along the lakefront in Cuyahoga, Lake and Lorain Counties):
- Improve access to Lake Erie for all users from the surrounding counties
- Strengthen transportation to and along the lakefront corridor throughout the region and;
- Evaluate appropriate locations for regional development;
- Identify areas of environmental concern throughout the region;
- Synch all lakefront plans into one master regional plan;
- Expand on the Lorain County Lakefront Connectivity TLCI



Safety & Policies: Vision Zero



Every week **6** Clevelanders are *seriously injured* in traffic crashes.

Every year **37** Clevelanders *lose their lives* in traffic crashes.



Our vision is
ZERO

Safety & Policies: Vision Zero



Traditional Approach

VS

Vision Zero Approach

Traffic deaths are **INEVITABLE**

Traffic deaths are **PREVENTABLE**

People behave **PERFECTLY**

Account for **HUMAN ERROR**

Prevent all crashes: **UNREALISTIC**

Prevent severe crashes: **REALISTIC**

Responsibility of the **INDIVIDUAL**

Responsibility of the **SYSTEM**

Saving lives is **EXPENSIVE**

Saving lives is **ECONOMICAL**

Safety & Policies: Cleveland Complete and Green Streets



Cleveland Complete and Green Streets

Typologies Plan - 8/20/2013



CITY OF CLEVELAND
Mayor Frank G. Jackson



Safety & Policies: NOACA Complete & Green Streets

RESOLUTION NO. 2020-026 COMPLETE AND GREEN STREETS POLICY

NOACA Board of Directors
June 12, 2020



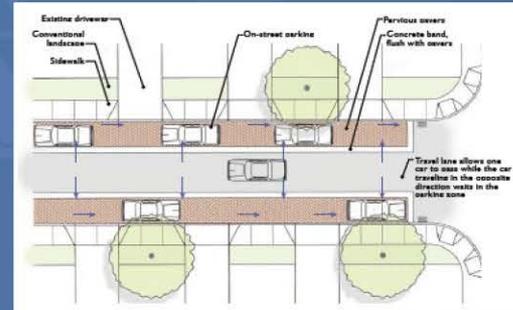
5-31

Safety & Policies: NOACA Complete & Green Streets

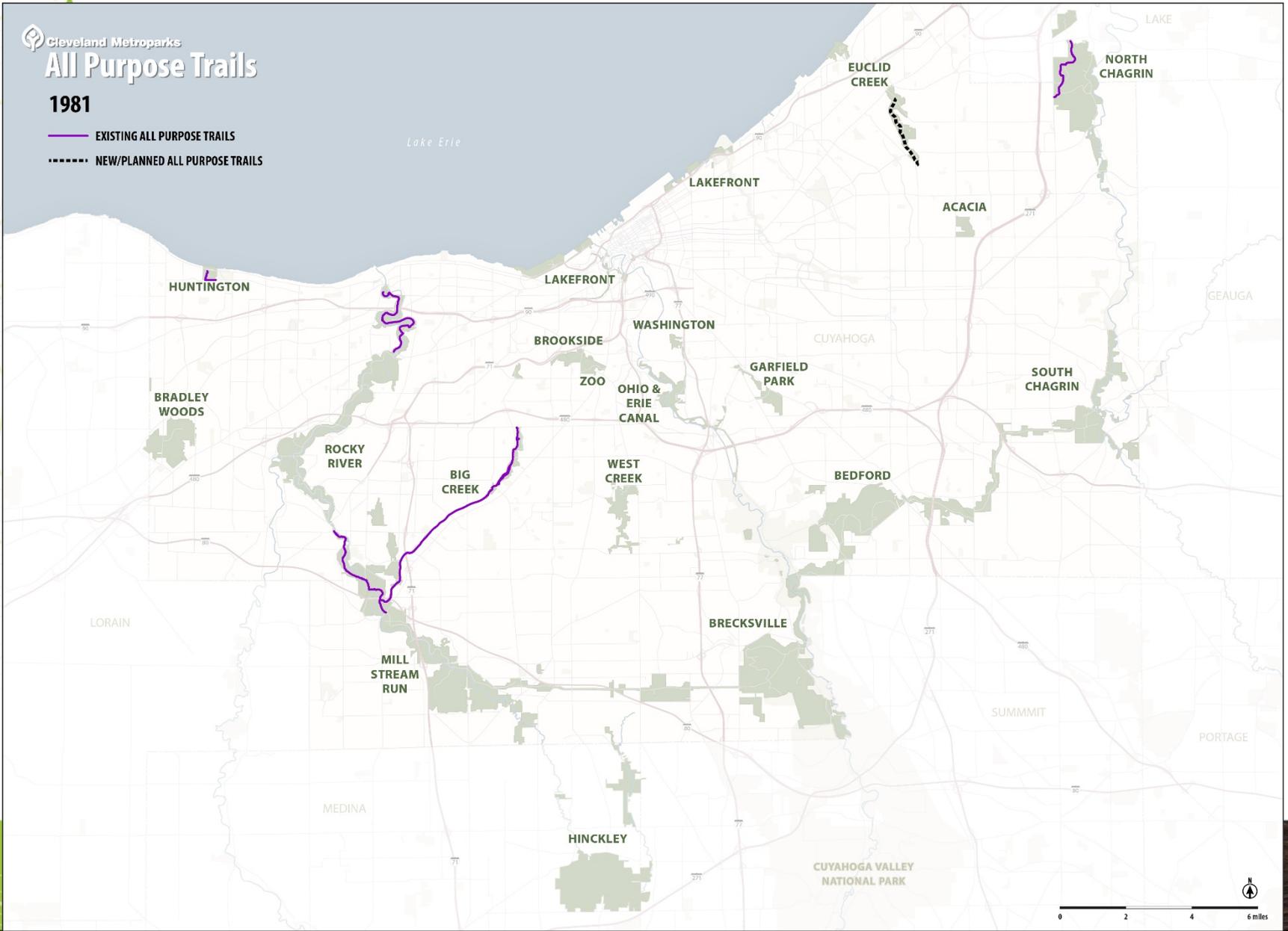
BACKGROUND

Benefits of Complete and Green Streets

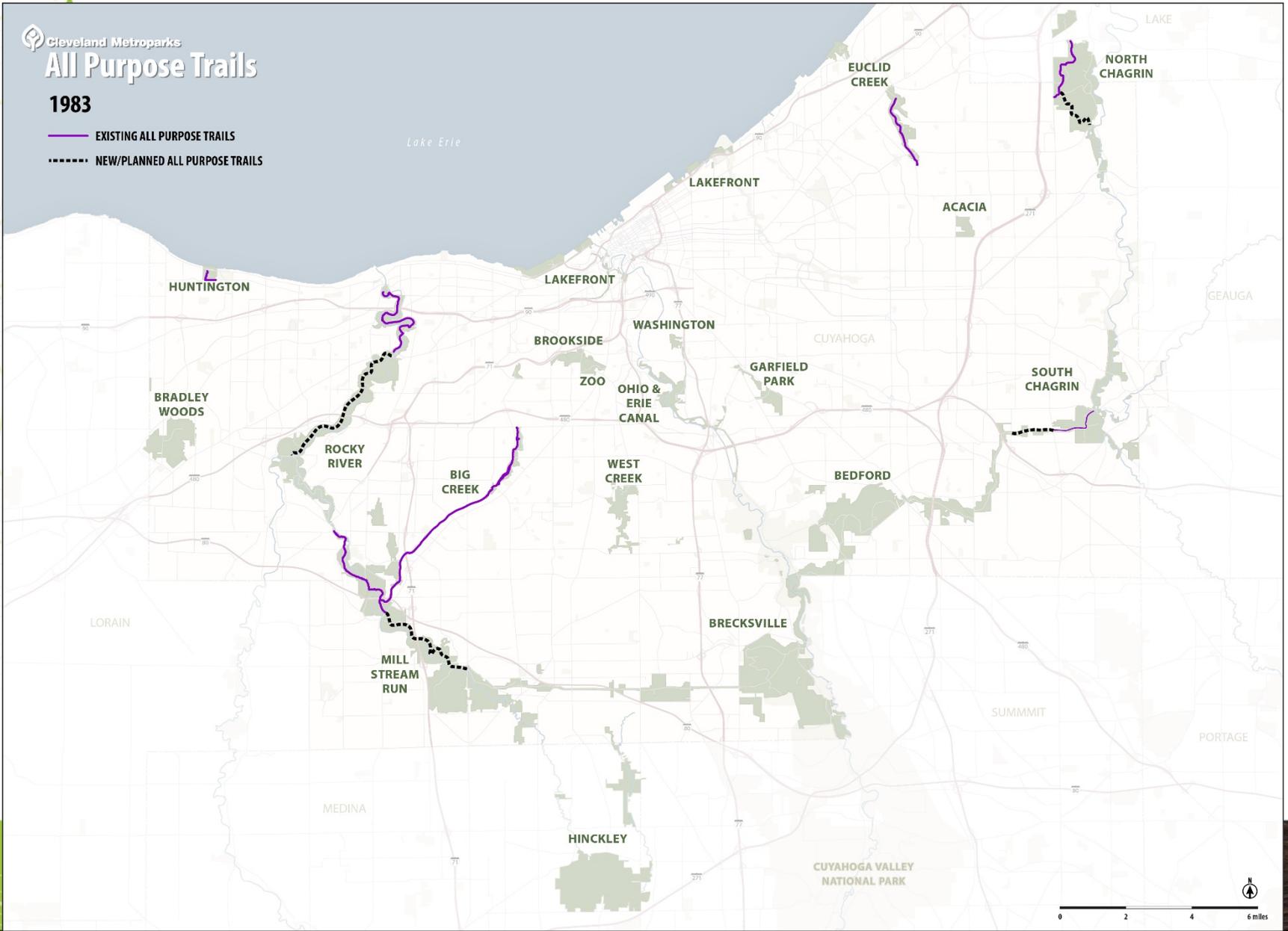
- Increase Safety
- Improve Health
- Improve Air Quality
- Improve Water Quality
- Economic Revitalization
- Lower Transportation Costs
- Create Livable Communities
- Create Equity
- Reduce Traffic Congestion



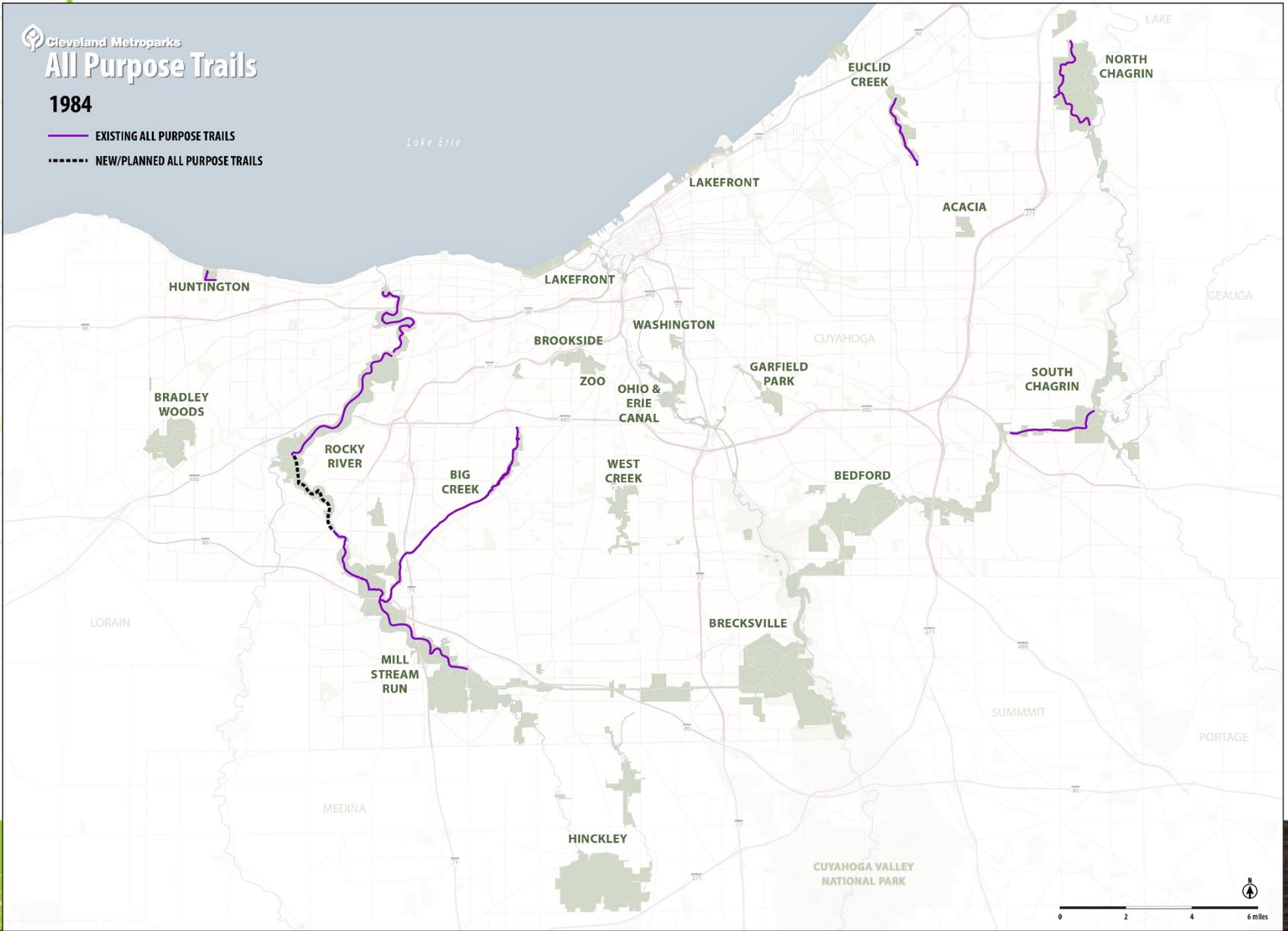
Bicycle & Pedestrian Facilities: Cleveland Metroparks



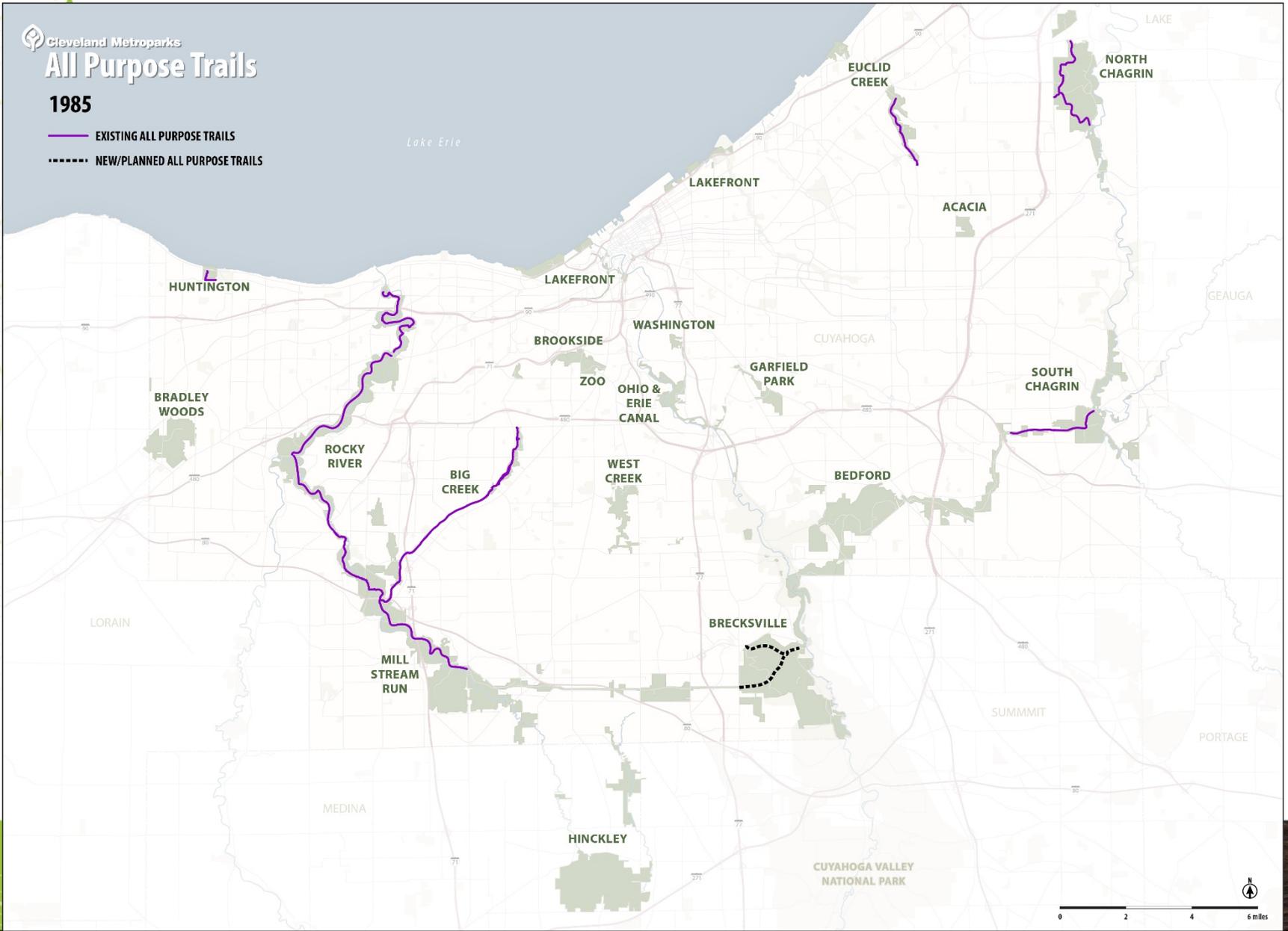
Bicycle & Pedestrian Facilities: Cleveland Metroparks



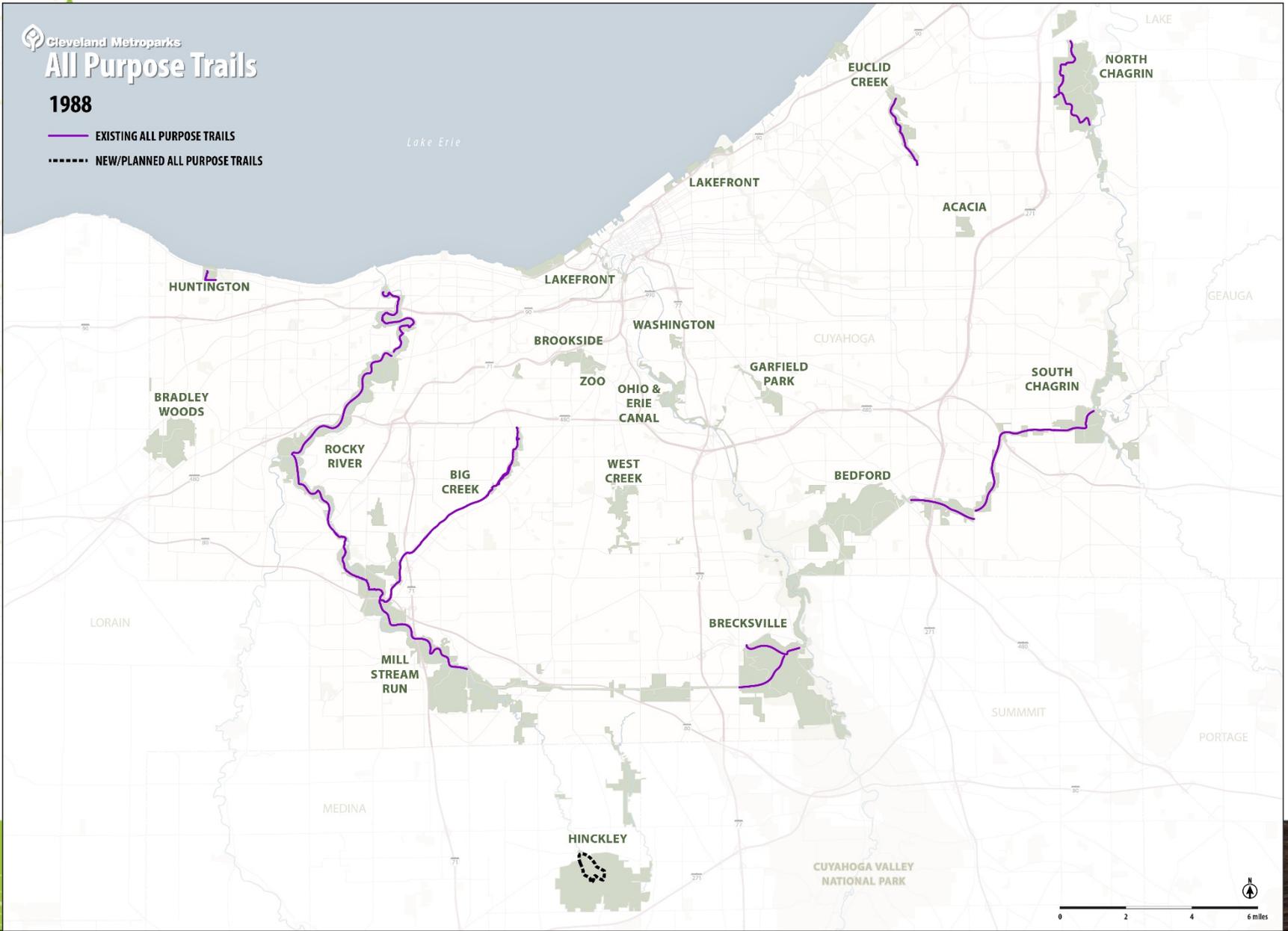
Bicycle & Pedestrian Facilities: Cleveland Metroparks



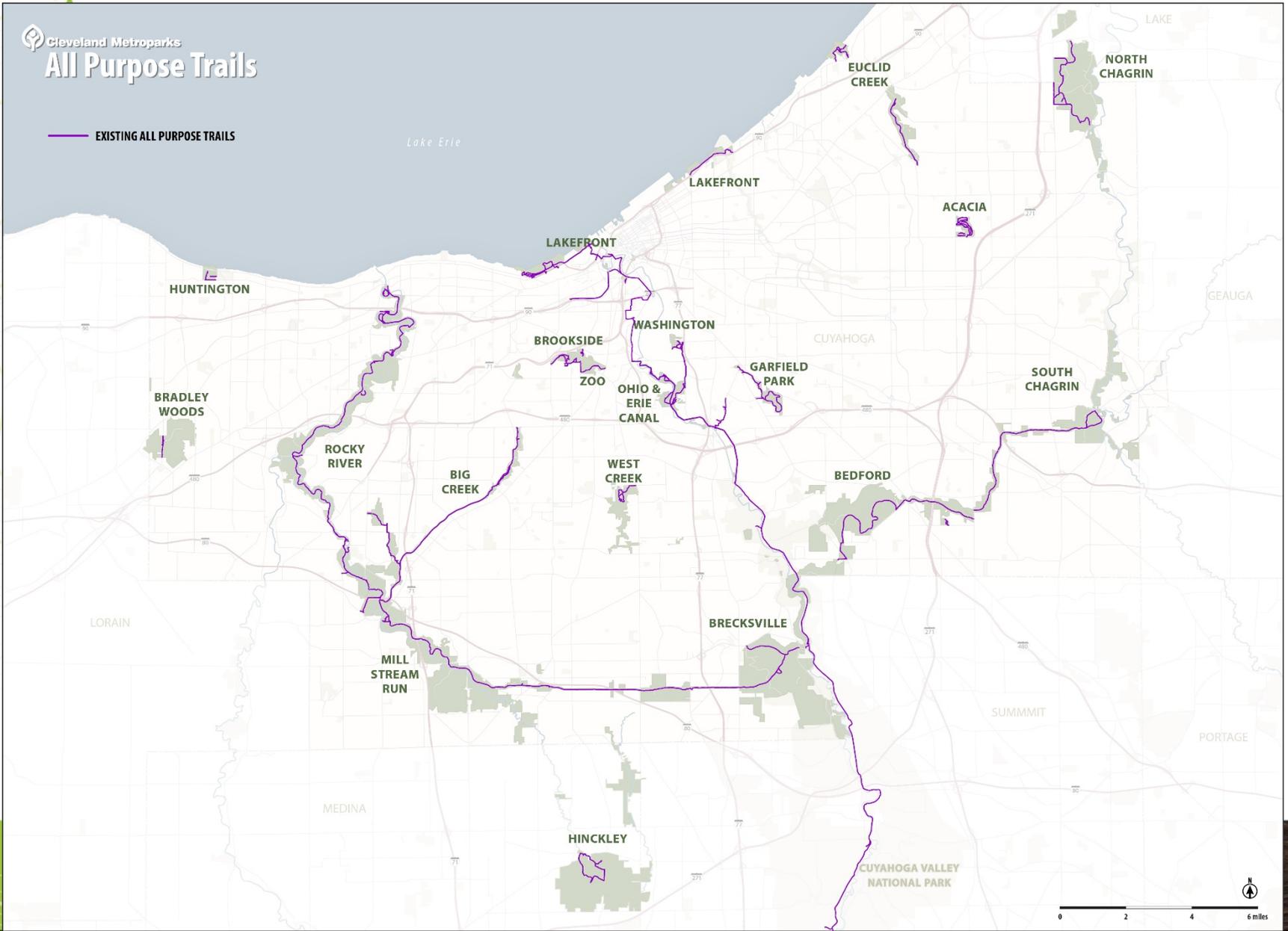
Bicycle & Pedestrian Facilities: Cleveland Metroparks



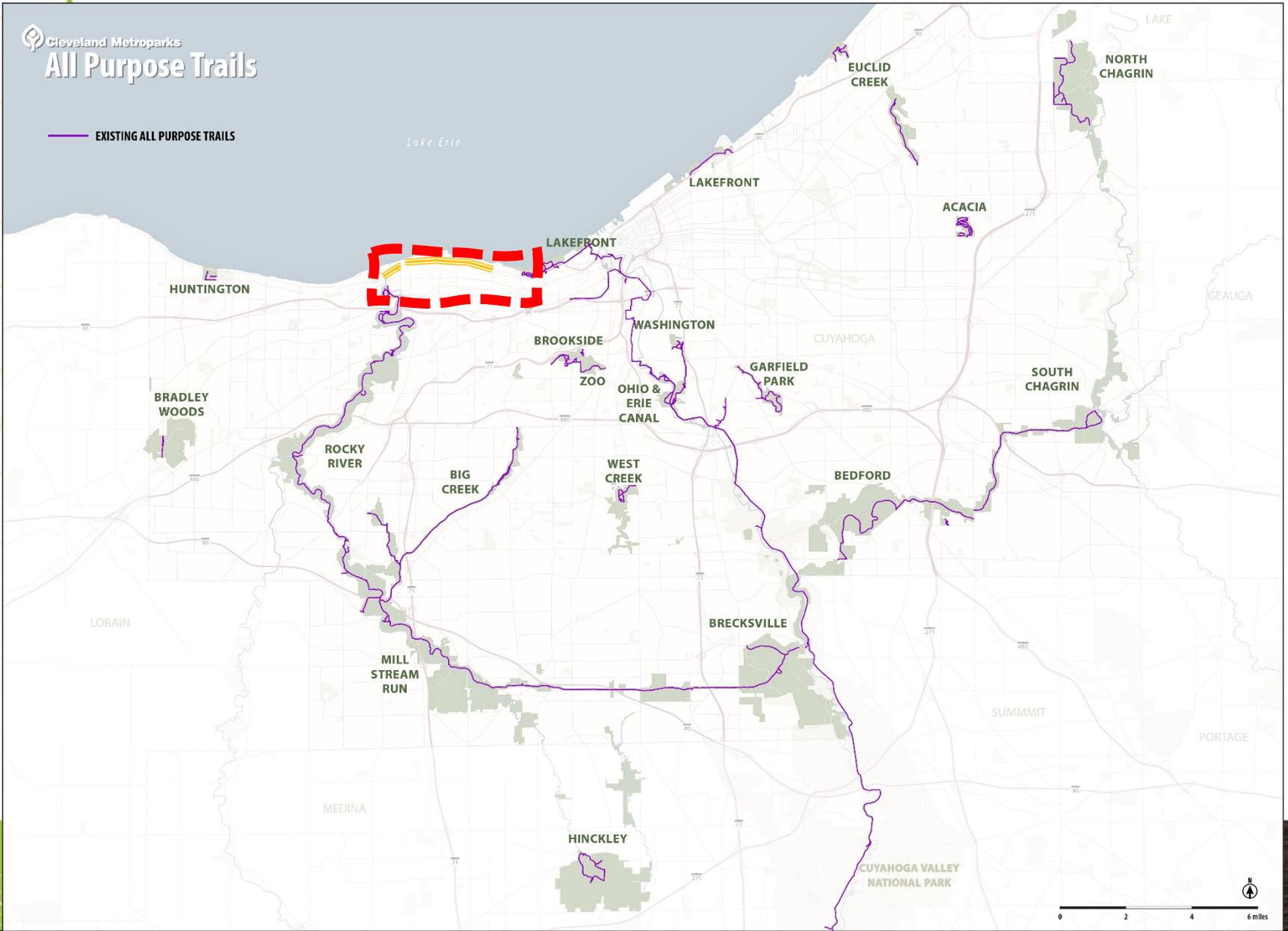
Bicycle & Pedestrian Facilities: Cleveland Metroparks



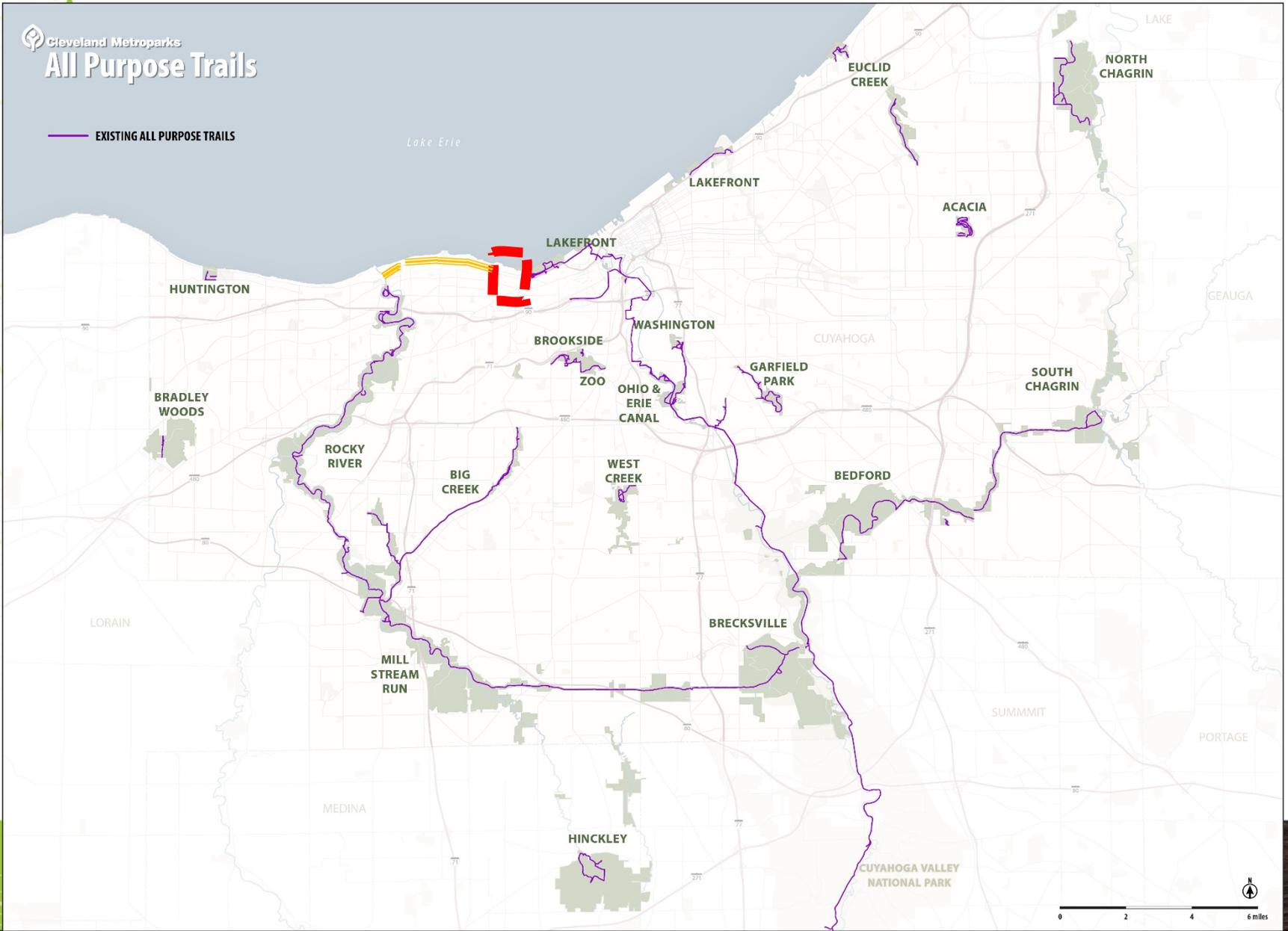
Bicycle & Pedestrian Facilities: Cleveland Metroparks



Bicycle & Pedestrian Facilities: Cleveland Metroparks



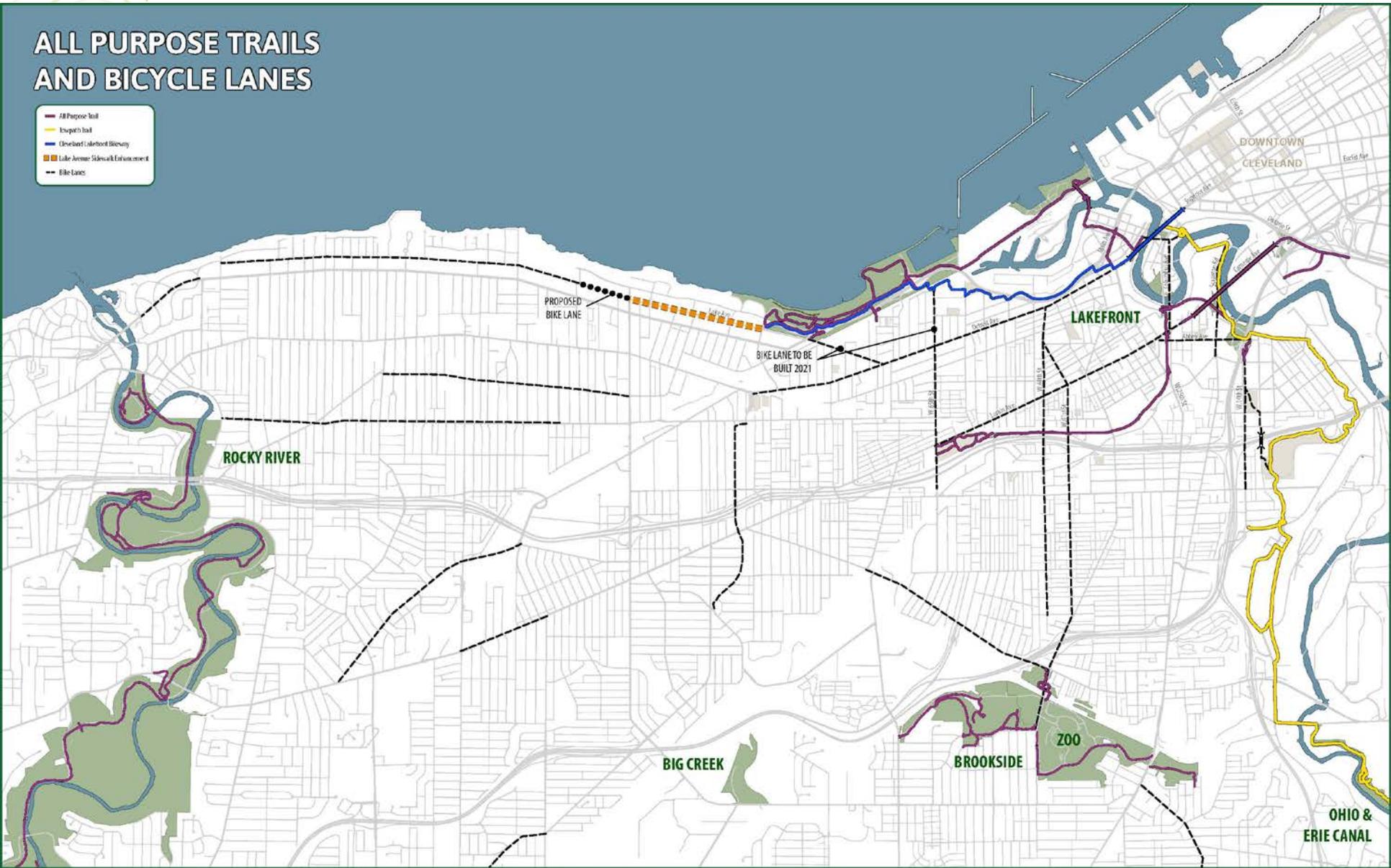
Bicycle & Pedestrian Facilities: Cleveland Metroparks



Bicycle & Pedestrian Facilities: West Side

ALL PURPOSE TRAILS AND BICYCLE LANES

- All Purpose trail
- Inspired trail
- Cleveland Lakefront Bikeway
- Lake Avenue Sidewalk Enhancement
- Bike Lanes



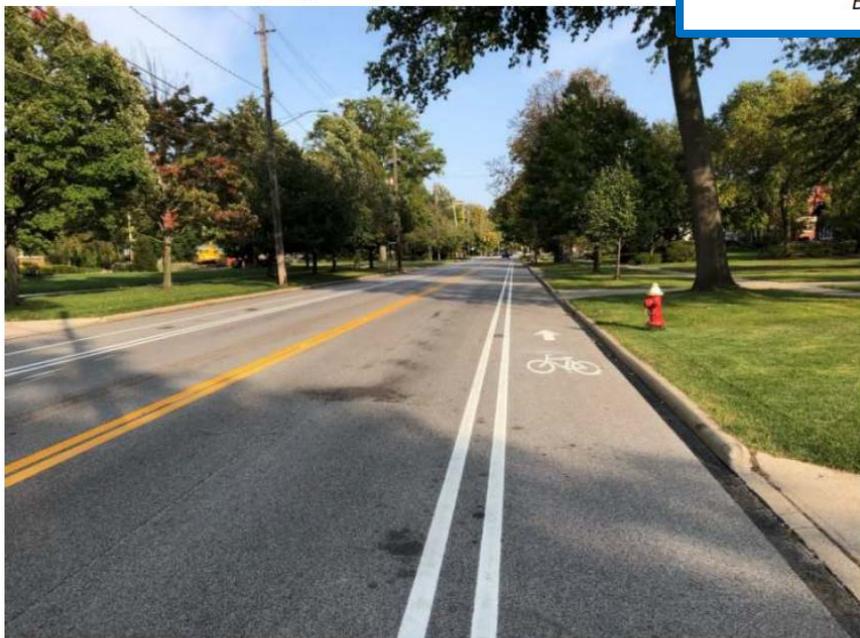
Bicycle & Pedestrian

ALL PURPOSE TRAILS AND BICYCLE LANES

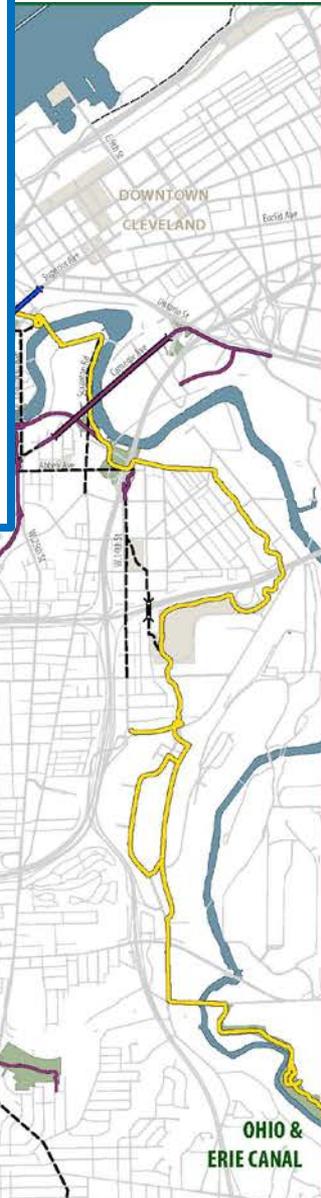
- All Purpose trail
- Inspired trail
- Cleveland Lakefront Bikeway
- Lake Avenue Sidewalk Enhancement
- Bike Lanes



Segment 1 – Looking east on Lake Avenue
Bike lane and bike box with green pavement paint



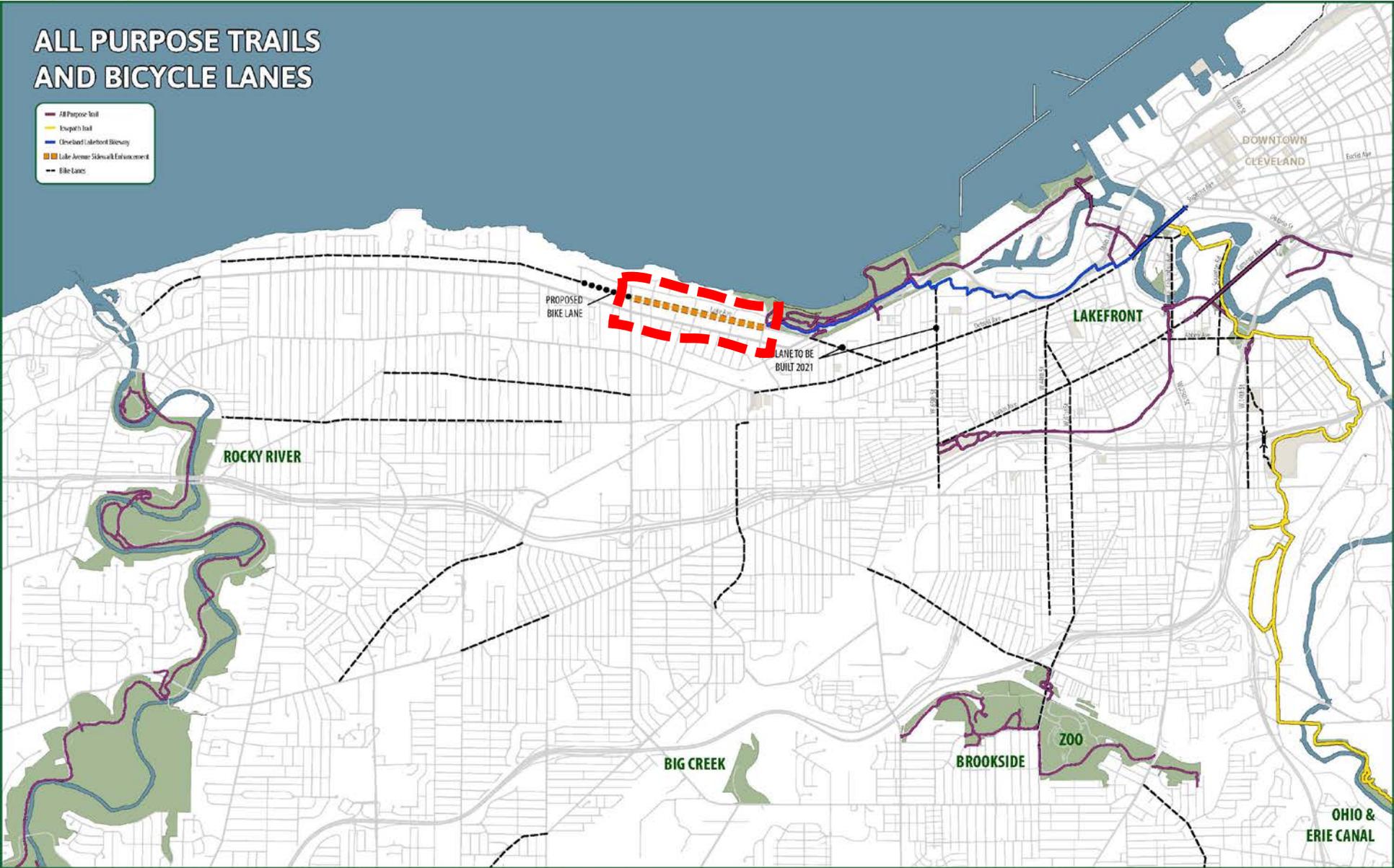
Segment 1 – Looking east on Lake Avenue
Buffered bike lanes



Bicycle & Pedestrian Facilities: West Side

ALL PURPOSE TRAILS AND BICYCLE LANES

- All Purpose Trail
- Inspired Trail
- Cleveland Lakefront Bikeway
- Lake Avenue Sidewalk Enhancement
- Bike Lanes



City of Cleveland: Lake Avenue Rehabilitation Project



City of Cleveland: Lake Avenue Rehabilitation Project



City of Cleveland: Lake Avenue Rehabilitation Project

- City's public engagement process 12/7/2020 – 1/9/2021
- 160+ Individuals Provided Public Comments

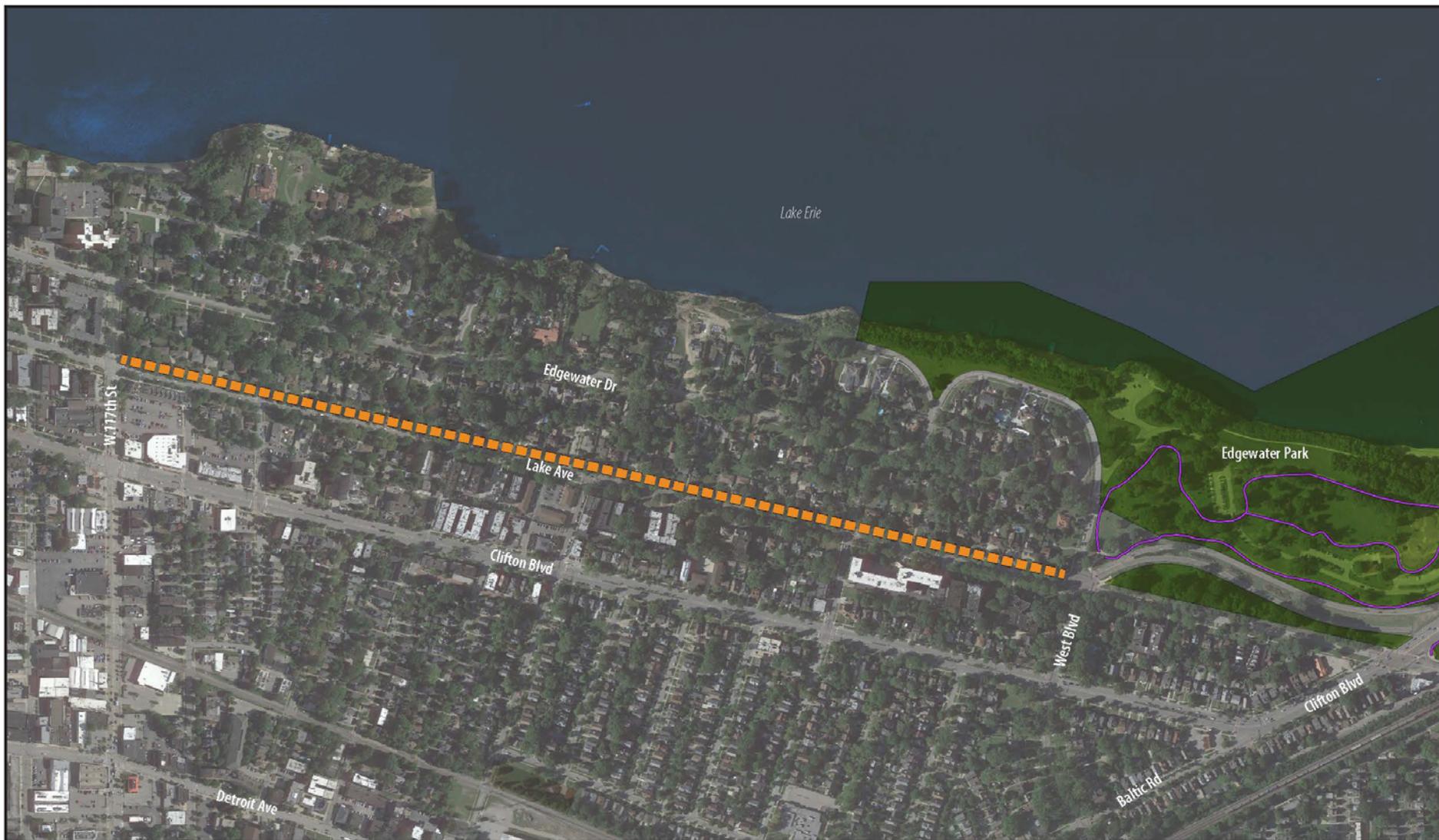
1. Where and how will parking be changed from the current locations?

2. Why are there no bicycle facilities in the plans from W. 117th Street to Clifton Blvd.?

"I ride my bike on this route daily as a part of my commute. Please make the bike lanes protected for the length of Lake Ave., from 117th to Detroit."

"For continuity and safety, I'd like to see better accommodations for cyclists between Clifton and W.117 on Lake Ave. ...what about an off-road path on the north side of Lake?"

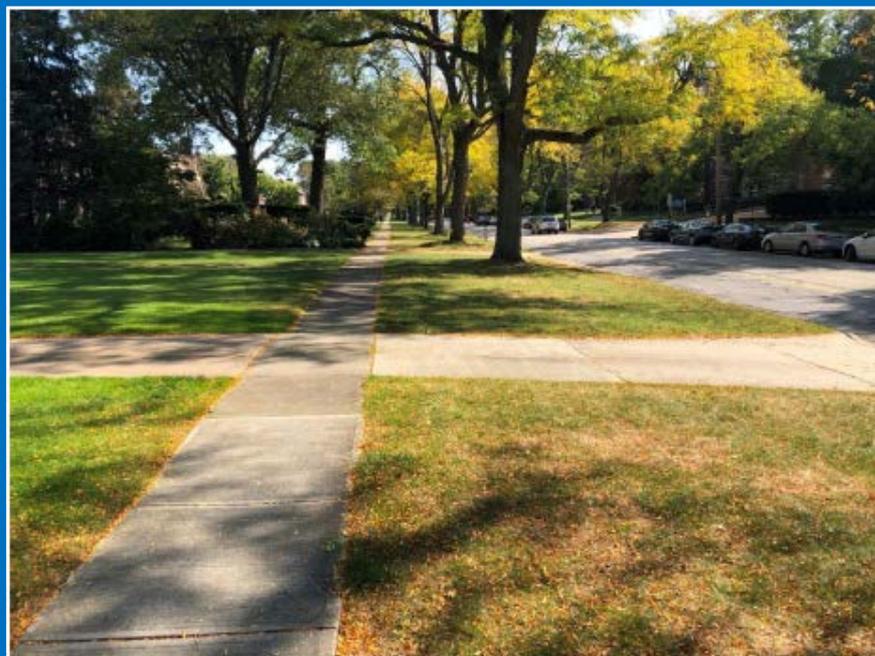
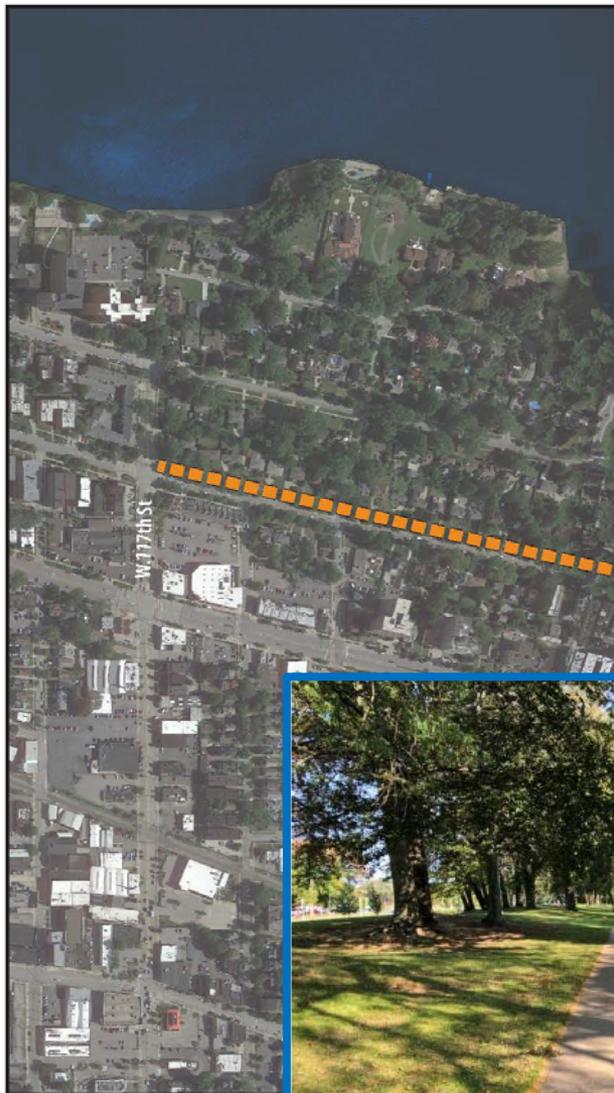
Lake Avenue: Sidewalk Enhancement Opportunity



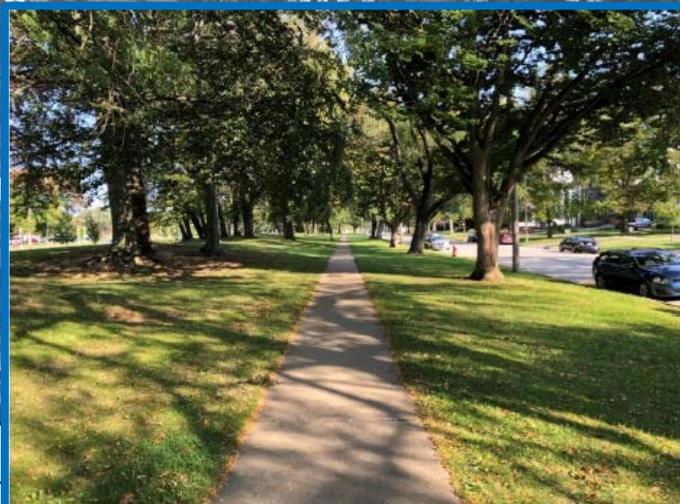
LAKE AVENUE SIDEWALK ENHANCEMENT - PLAN VIEW

Lake Avenue: Sid

tunity



Existing typical section, looking east: 4'-6' sidewalk, 24'-26' treelawn, one or more large treelawn trees



Existing typical section, looking east: 5' sidewalk, 26' treelawn, large trees on both sides of the sidewalk

LAKE AVENUE SIDEWALK
CLEVELAND METROPARKS

MAY 2021



Lake Avenue: Sidewalk Enhancement Opportunity



Lake Avenue: Sidewalk Enhancement Opportunity



Rendering

Lake Avenue: Sidewalk Enhancement Opportunity



Rendering

Lake Avenue: Sidewalk Enhancement Opportunity

Project Facts

- Replace existing sidewalk with 8-10' concrete sidewalk on north side of Lake Ave
- W. 117th to West Boulevard (.9 mi)
- West Boulevard to Clifton *could be added* (.28 mi)
- Cleveland Metroparks responsible for regular and capital maintenance
- \$690,000 project cost provided by City of Cleveland via Cuyahoga County participation in Lake Ave Rehabilitation Project (local match)
- Special considerations given to existing mature trees
- Project will be implemented separately from City's repaving project

Lake Avenue: Sidewalk Enhancement Opportunity Next Steps

Public Engagement Process

- Homeowner Association Briefing
- Focused Neighborhood Meetings
 - Meet block by block
- City Council Coordination
- Neighborhood Meeting (Virtual Webinar Style)





Cleveland Metroparks®

FIND YOUR PATH

Lake Avenue Sidewalk Enhancement Opportunity

May 20, 2021