

Cleveland Harbor Eastern Embayment Resilience Study

OPTIONAL SITE VISIT

FEBRUARY 12, 2020

Google Earth

PARTNERS



City of Cleveland

Ed Rybka, Chief of Regional Development

Trudy Andrzejewski, Special Assistant to the Mayor, Regional Development

Freddy L. Collier, Jr., Director of City Planning

Sharonda Whatley, City Planner

Adam Davenport, District Planner



Cleveland Metroparks

Brian Zimmerman, CEO

Sean McDermott, Chief Planning and Design Officer

Kelly Coffman, Senior Strategic Park Planner

Kristen Trolio, Grants Manager

Jenn Grieser, Director of Natural Resources

Kyle Baker, Sr. Asst. Legal Counsel and Director of Real Estate

Stephanie Kutsko, Real Estate Manager



Ohio Department of Natural Resources

Scudder Mackey, Chief, Office of Coastal Management

Steve Holland, Office of Coastal Management



Ohio Department of Transportation

Dave Lastovka, PE, District 12 Capital Programs

Neil Shop, PE, District 12 Transportation Engineer



Port of Cleveland

Linda Sternheimer, Director, Urban Planning and Engagement

Nicholas LaPointe, Director, Planning and Capital Development

National Fish and Wildlife Foundation Coastal Resilience Fund

Schedule: April 2020 - March 2021

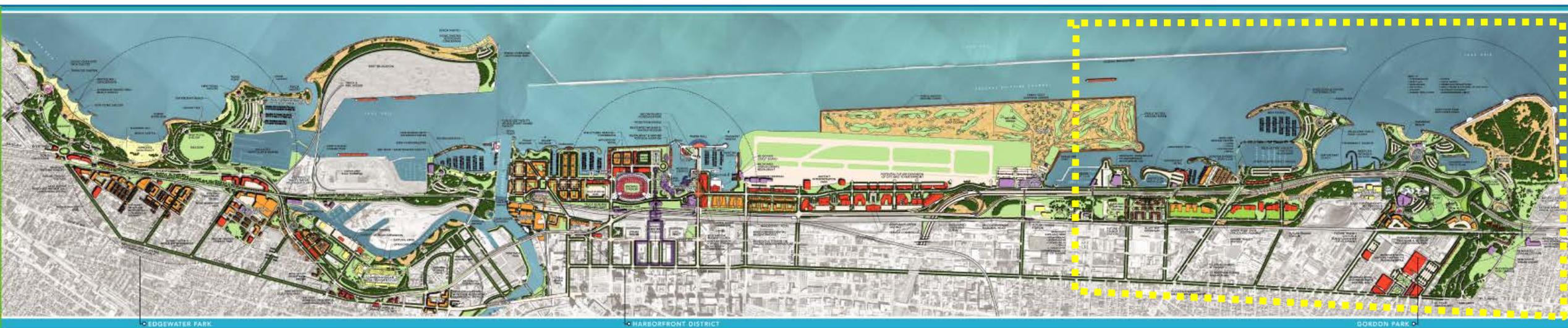
Funding: \$251,000

Project Webpage:

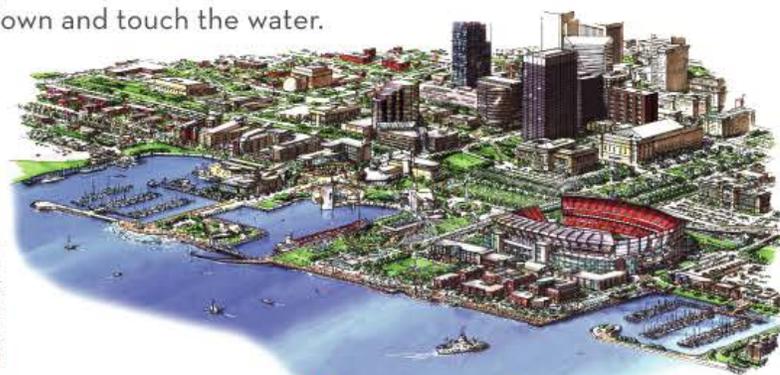
www.clevelandmetroparks.com/CHEERS

The Cleveland Harbor Eastern Embayment Resilience Study (CHEERS) will engage a diverse team of consultants to study vulnerabilities in the natural environment, constructed infrastructure, and neighborhood fabric of the project area. Consultants will work with project partners, vested stakeholders, and the local community to identify priorities and interventions to improve resilience in the study area and adjoining neighborhoods. Preliminary technical design will further explore project feasibility and advance ideas toward implementation.





envison a city where one can easily reach down and touch the water.



imagine a place where living, working and playing are linked to the unique natural resource we know as lake erie.

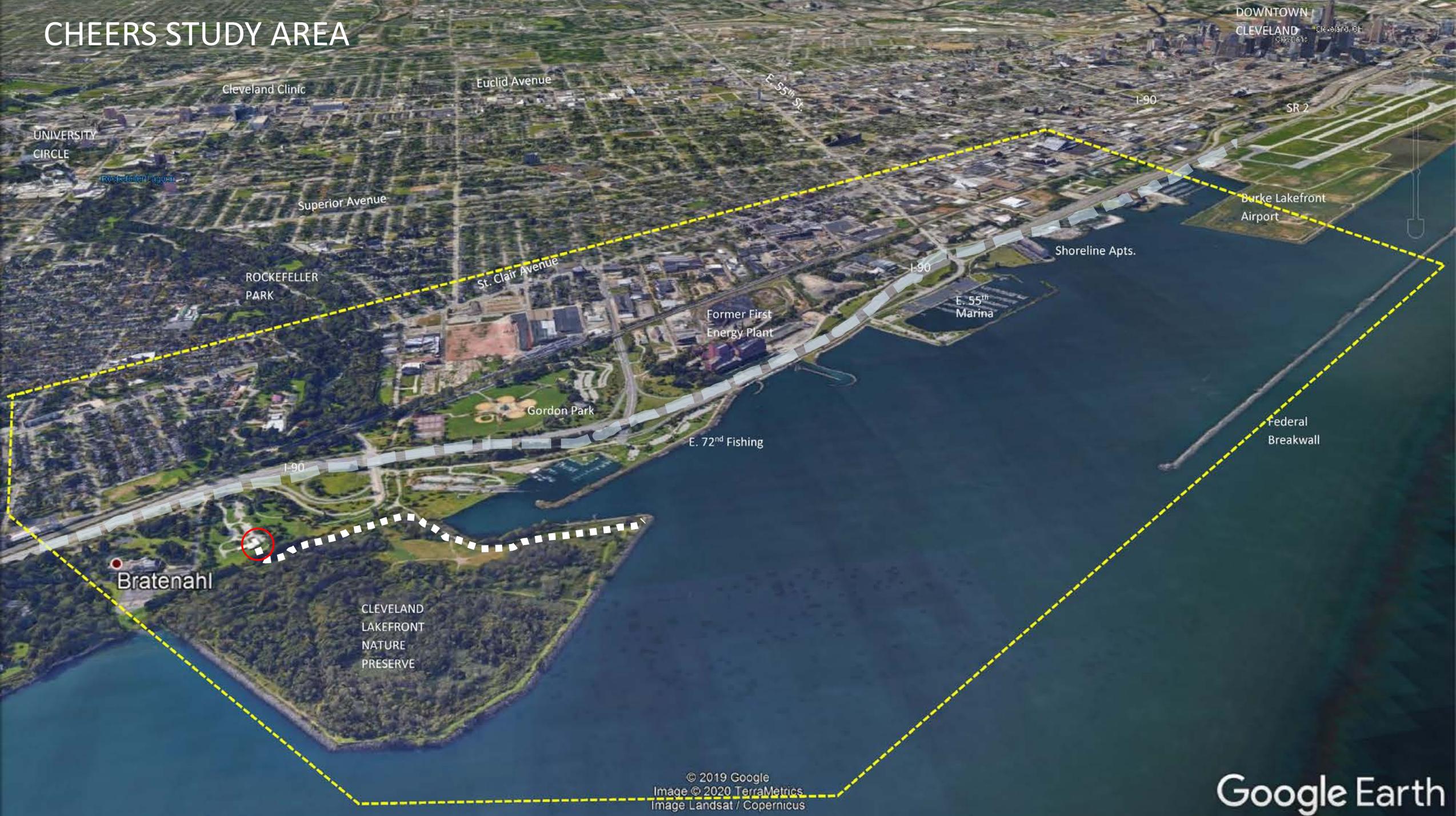
consider the possibility that this resource can be experienced along a magnificent, continuous waterfront park system, from vibrant public spaces, fresh-water beaches or from tree-lined, pedestrian-scaled boulevards.

believe that with our collective public energies we can realize this vision, investing in this priceless asset to generate an immeasurable return not only for ourselves, but for generations to come.



cleveland waterfront district plan

CHEERS STUDY AREA



DOWNTOWN CLEVELAND

Cleveland Clinic

Euclid Avenue

E. 55th St

I-90

SR 2

UNIVERSITY CIRCLE

Superior Avenue

ROCKEFELLER PARK

St. Clair Avenue

Former First Energy Plant

Shoreline Apts.

Burke Lakefront Airport

Gordon Park

E. 55th Marina

E. 72nd Fishing

Federal Breakwall

I-90

Bratenahl

CLEVELAND LAKEFRONT NATURE PRESERVE



**Great Lakes Coastal Resiliency Study
Multipurpose Watershed study**

Section 729 of the Water Resources and Development Act (WRDA) of 1986, as amended
General Investigations

Location

- 5,200 miles of shoreline within the Great Lakes states (Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio, Pennsylvania, and New York)

Project Description

- Inventory of relevant existing coastal data, gap analysis and recommendation for future collection
- Identification of problems and opportunities related to coastal resiliency
- Assessment of risk and vulnerability within the natural and human coastal environment
- Identification of a range of measures to address problems and opportunities within identified vulnerable coastal areas, and
- A completed "Great Lakes Programmatic Coastal Resiliency Plan".

Importance

- A comprehensive watershed plan is needed to assess coastal vulnerability over a wide range of potential future conditions including **climate variability, landuse development, watershed loadings and invasive species.**
- The watershed plan will serve as a blueprint for future investment and management of the Great Lakes coast.

Consequence

- Without the development of an integrated programmatic Great Lakes coastal resiliency plan, federal, state, county and local jurisdictions will continue to be affected by the major stressors affecting the study area and will continue to address these problems through a piecemeal approach, which is both inefficient and limited in effectiveness.



Project Phase	Est. Fed. Cost of Phase	Federal Funding through FY17	FY18 Budget	FY19 Requirement	FY19 Budget
Watershed study	\$9M	\$0	\$0	\$1.2M	TBD

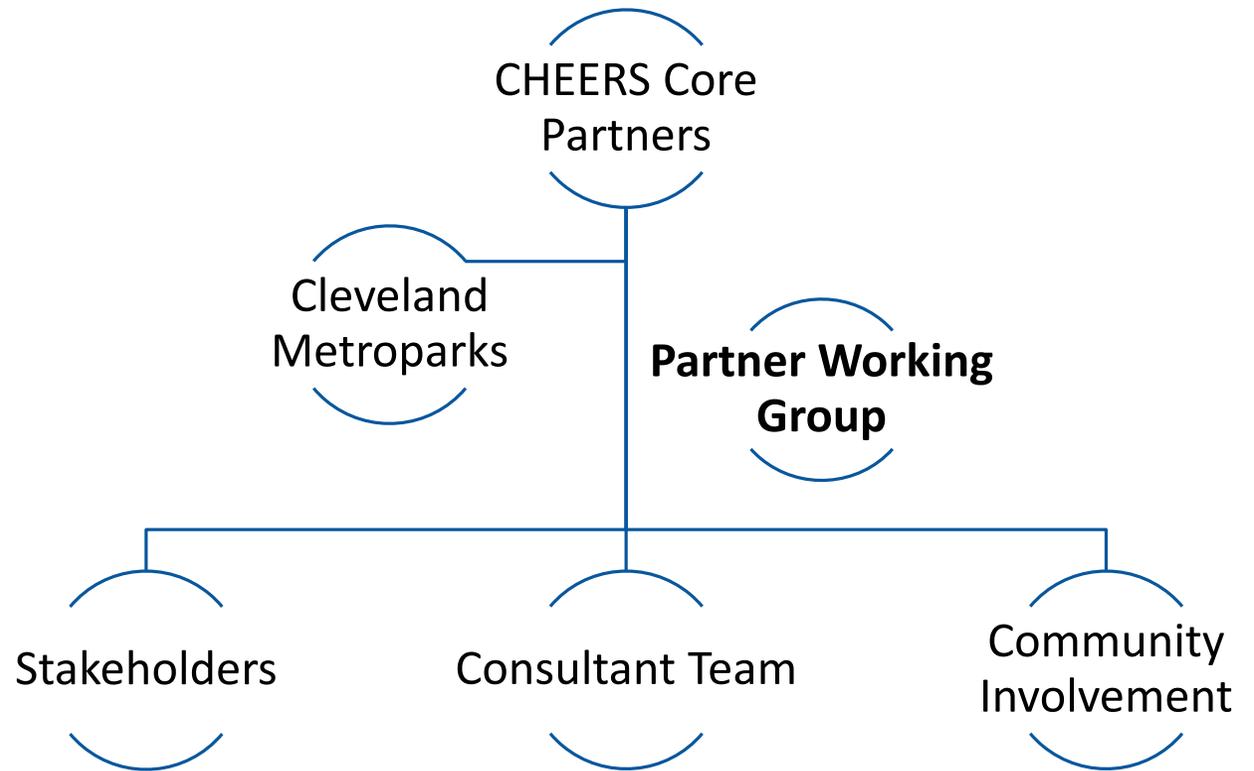
GOALS

Contribute to the physical, ecological, and social resilience of the Lake Erie shoreline, local neighborhoods, and the larger community

- 50% Design Plans for in-water and nearshore **habitat** for the project area, including options for **beneficial re-use of dredge** material
- Opportunities for increased **community access and recreational uses** along the Lake Erie shore
- Significant **stakeholder and community input**
 - Specific commitments to NFWF:
 - 2100 LF of critical infrastructure
 - 2 properties with enhanced protection
 - Resilience - outreach and education – reach 150 people
 - Engineering and design – 50% design, at least 2 areas(?)
 - Volunteer participation – 20

Project Approach

- Management and Coordination
- Equity and Community Outreach
- Stakeholders



Equity and Community Outreach

- Partners
- Stakeholders
- Community Groups
- Individuals



Consultant Team Selection

RFQu at www.publicpurchase.com

Scope

Technical Evaluation

Concept Development

Preliminary Design

Community Engagement

- Minimum five public engagement sessions
- Stakeholder meetings will be scheduled to correspond to public meetings
- Review and Work Sessions with Project Team - minimum eight sessions

Project Deliverables (minimum)

- Conceptual Framework Plan Identifying Opportunities in Overall Study Area, Including Principles for Resilient and Equitable Development
- Minimum Four Renderings of Project Area – Overall Plan, Park Amenities, Key Vignettes
- Technical Design
 - 50% Plan for Area from I-90 to Federal Breakwall
 - 50% Details and Cost Estimates for Standard Project Elements

Cleveland Metroparks will serve as point of contact and will coordinate communications and timely feedback. Cleveland Metroparks will organize Steering and Stakeholder Committees and schedule meetings in coordination with the Consultant Team.

Mon. Feb. 3, 2020	RFQu issued
Weds. Feb. 12, 2020, 10:00 AM - noon	Site Visit (Short Presentation and Site Tour, Attendance Optional), Lakefront Admin Building, 8701 Lakeshore Blvd., Cleveland (no questions answered on site)
Tue., Feb. 18, 2020, 5:00 p.m.	Deadline for written questions from firms via Public Purchase
Weds., Feb. 19, 2020 5:00 p.m.	Responses to questions posted via Public Purchase
Fri., Feb. 28, 2020, 2:00 p.m.	Deadline for submitting Statement of Qualifications
Thurs., Mar. 19, 2020	Shortlisted team/firm interviews
Thurs., Mar. 19, 2020	Cleveland Metroparks selects top-ranked firm and RFP issued
Fri., Apr. 3, 2020	RFP submittal deadline
Tues., April. 7, 2020	Cleveland Metroparks/top-ranked firm complete negotiations
Thurs., Apr. 16, 2020	Target for award of contract by Cleveland Metroparks Board of Park Commissioners

Consultant Team Qualifications

Suggested areas of expertise for this project include, but are not limited to:

- Lake Erie-specific wave action, bathymetry, and hydrology
- Terrestrial and aquatic habitat analysis and restoration
- Dredge placement, characteristics, and permitting
- Shoreline park and open space planning
- Resilient and equitable neighborhood development strategies
- Community outreach and innovative engagement
- Cost estimating

Firms may participate in multiple qualifications submittals

