

CHEERS

Cleveland Harbor Eastern Embayment Resilience Strategy

Dec 12, 2024

Stakeholder Meeting #6



Agenda

- + Regulatory Coordination
- + Former First Energy – IDA
- + Schedule and Scoping Update
- + Steps towards implementation
- + Partner updates
- + Stakeholder updates



Regulatory Coordination

USACE Planning Charrette

Thank You!

Thank you to everyone that committed time and contributed to the Charrette.

CLEVELAND HARBOR DREDGED MATERIAL MANAGEMENT PLAN

Planning Charrette
20-Year DMMP

P2# 461844

21 & 22 October 2024

U.S. Army Corps of Engineers
Buffalo District



US Army Corps
of Engineers®





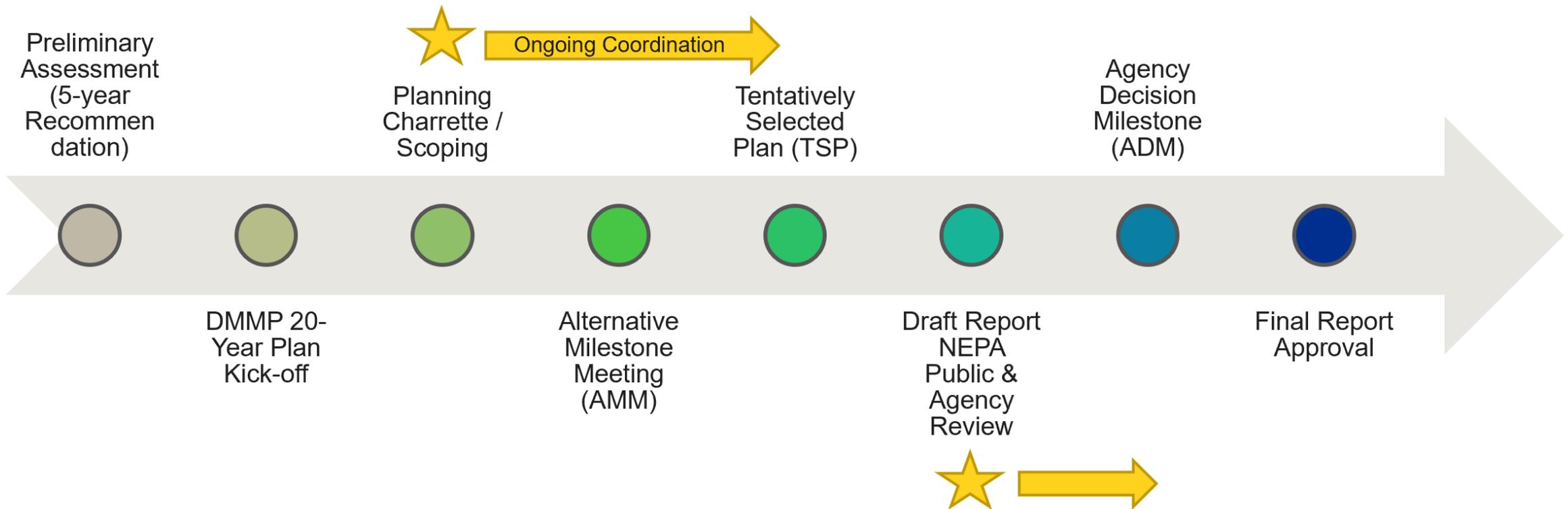
CHARRETTE OBJECTIVES

- Establish a shared vision for Cleveland Harbor dredged material management.
- Initiate another iteration of the planning process for the Cleveland Harbor DMMP.
- Identify novel opportunities for beneficial use of dredged material from Cleveland Harbor.
- Build common understanding of decision-making criteria, process, and triggers.
- Provide a solid foundation for alternative formulation, benefits calculations, and robust stakeholder engagement and public communication.
- Identify immediate and long-term data gaps and analysis needs.
- Identify critical roles for both sponsors, stakeholders, and USACE colleagues, and establish communication expectations.
- Identify and characterize major risks or uncertainties related to project delivery.

NEXT STEPS

Alternatives Refinement: Information obtained today will be used to refine existing conditions inventory, measures, and alternatives for dredged material management at Cleveland Harbor.

Future Engagement Opportunities

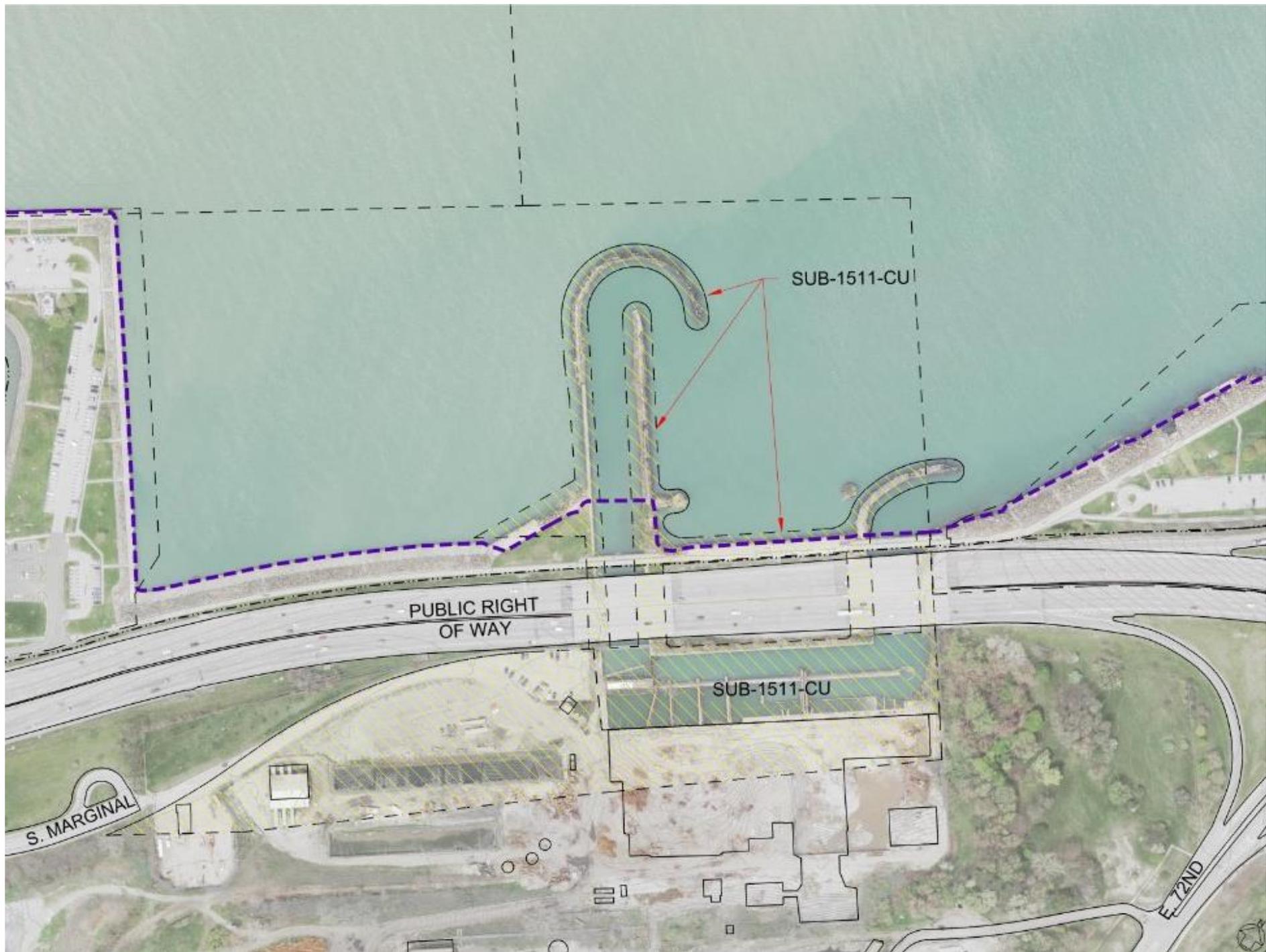


USACE Planning Charrette

Key Takeaways:

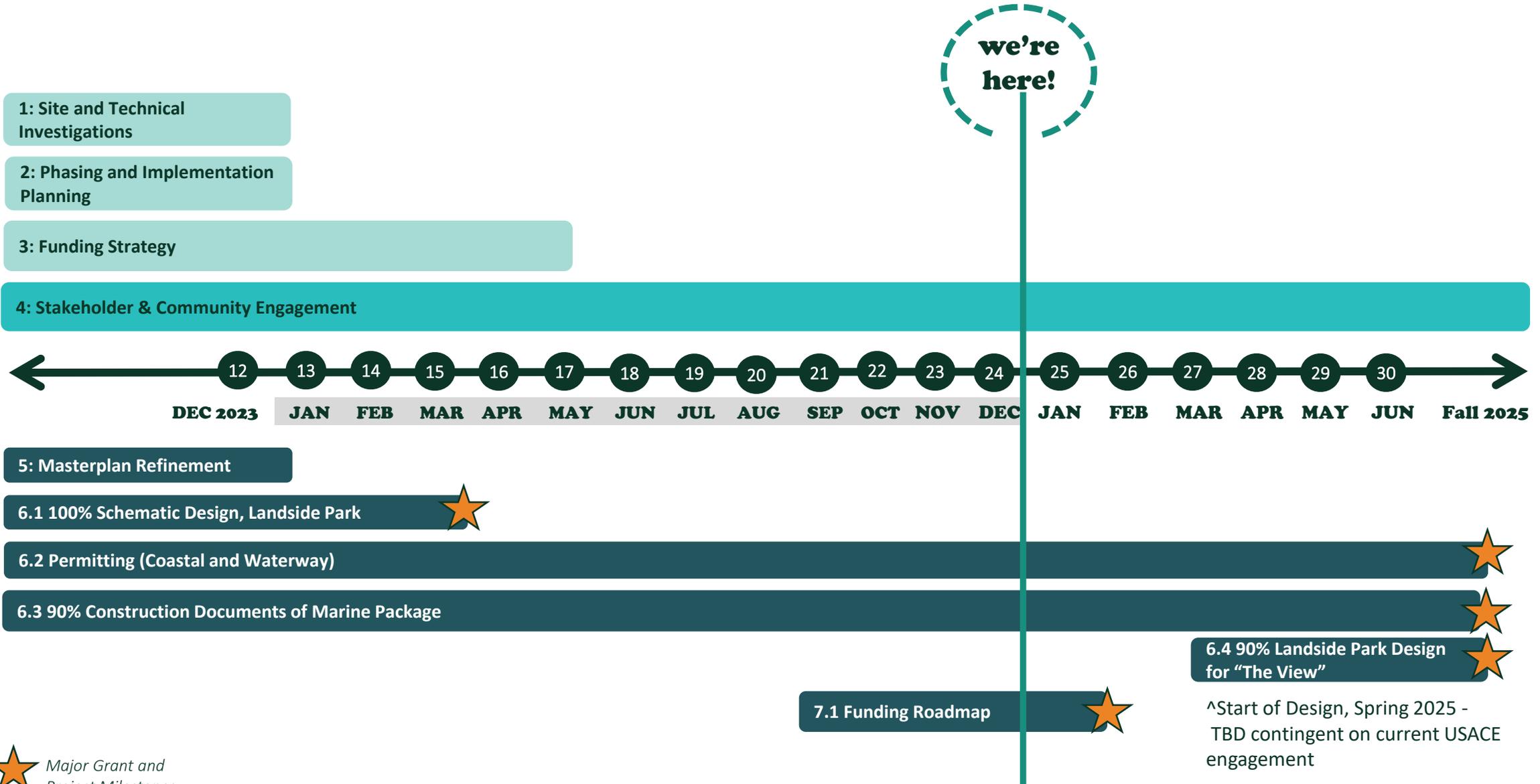
- The USACE has noted the overwhelming stakeholder support for CHEERS.
- One of the USACE's goals for the charrette was to identify ALL potential measures (even measures that are not feasible). The charrette was successful in gaining stakeholder input on potential measures.
- It was encouraging that USACE planning staff were willing to include CHEERS as a phased approach in alternatives.
- It is encouraging that the USACE plans to continue to engage with the CHEERS team.

Former First Energy – IDA Update



Schedule and Scoping

Where are we in the process?



6.4 90% Landside Park Design for "The View" ★

^Start of Design, Spring 2025 - TBD contingent on current USACE engagement

2025 Stakeholder Meetings

Meetings will take place on the 2nd Thursday of each month 11:30am - 12:30pm. Stakeholder Meetings will occur Quarterly.

- Stakeholder Meeting #6 – December 12 *TODAY!*
- Partner Meeting (In person Workshop) #17– Jan 7**
- Partner Meeting #18– Feb 13
- Stakeholder Meeting #7 – March 13
- Partner Meeting #19– April 10
- Partner Meeting #20– May 8
- Stakeholder Meeting #8 – June 12
- Partner Meeting #21– July 10
- Partner Meeting #22– Aug 14
- Stakeholder Meeting #9 – Sep 11
- Partner Meeting #23– Oct 9
- Partner Meeting #24– Nov 13
- Stakeholder Meeting #10 – Dec 11

Project Deliverables

Task 1: Site and Technical Investigations

- ✓ (3/14/2023) Task 1.1.1 Data Inventory and Data Gap Analysis
- ✓ (10/2/2023) Task 1.1.2 Transportation Assessment
- ✓ (4/4/2023) Task 1.1.3 Preliminary Permitting and Approvals Analysis
- ✓ (8/16/2023) Amendment - Preliminary Permitting and Approvals Analysis FAA (Same Location as above)
- ✓ (5/12/2023) Task 1.1.4 Preliminary Dredge Management Plan
- ✓ (12/18/2023) Task 1.1.5 Early Enabling Studies and Investigations Summary Memo
- ✓ (12/22/2023) 1.2.2 Geotechnical Investigations and Lakebed Sampling
- ✓ (3/30/2023) Task 1.2.3 Phase 1 ESA
- ✓ (6/27/2023) Task 1.2.4 Habitat Assessment
- ✓ (12/18/2023) Task 1.2.5 Coastal Structures Inspections Report
- ✓ (3/14/2023) Task 1.3.1 Level 1 Ecological Survey Report
- ✓ (3/14/2023) Task 1.3.2 Section 106 Scoping Request
- ✓ (3/14/2023) Task 1.3.3 and 1.3.4 Detailed Metocean and Modeling Memorandum

Task 2: Phasing and Implementation Planning

- ✓ (3/8/2024) 2.1 Phasing and Implementation

Task 3: Funding Strategy

- ✓ (5/2/2024) Grant Checklist
- **Grant Support – In progress; Ongoing**

Task 4.1 + 4.2: Stakeholder Engagement

- ✓ (3/21/2023) Engagement Event # 1, Community Open House Event & Summary
- ✓ (8/16/2023) Promotional Materials – Fact Sheet, Fold, and InDesign File
- ✓ (1/31/2024) Engagement Event # 2 – November Engagement Event & Summary
- **Phase 2 Engagement – Strategy and Planning in progress**

Task 5: Masterplan Refinement

- ✓ (8/16/2023) 5.1 Masterplan Refinement
- ✓ (1/12/2023) 5.1.2 Bridge Conceptual Design

Task 6.1 100% Schematic Design, Landside Park

- ✓ (1/26/2024) 6.1 100% Schematic Design Plans
 - ✓ (9/29/2023) 50% Submission
- ✓ (3/5/2024) 6.1 100% Schematic Design Cost Estimate

Task 6.2 Permitting (Coastal and Waterway)

- ✓ (8/25/2023) Draft Submission to Port of Cleveland
- **(10/04/2023) USACE DMMP Planning Submission by Port of Cleveland – currently under regulatory review and coordination**

Task 6.3 90% Construction Documents of Marine Package

- **60% Plan Set – In progress (tracking for January)**
 - ✓ (10/04/2023) 10% Plan Progress for Permitting Submission
 - ✓ (1/26/2024) 30% Plan Progress for Schematic Design Submission

Task 6.4 90% Landside Park Design for “The View”

- ✓ *Geotechnical Analysis and Assessments in Progress*

Task 7.1 Funding Roadmap

- **Funding Roadmap**

Community Engagement

We will continue community events in 2025 including workshops and larger community updates. Stay tuned!



Community Meeting at SCSDC, Nov 2023



Bike Tour at the Climate Leadership Conference, May 2024

Implementation Strategy

New Task 7: Funding Roadmap

The outcome of this scope of work will be a funding guidebook that outlines different agencies' approaches to quantifying benefits and a holistic catalog of CHEERS' benefits that can be leveraged for different funding scenarios over the course of the project.

- 1. BCA Methodology Matrix:** Matrix of BCA methodologies applicability for CHEERS (FEMA, DOT, USACE, etc.)
- 2. CHEERS BCA:** Develop an independent, agency-agnostic BCA methodology that encapsulates the full benefits of the CHEERS project. This assessment will not be tailored for a specific portion of the park or grant program. Rather, the output will quantify and articulate the benefits of the CHEERS project using best practices as a whole:
 1. Direct benefits (port operations, damage/downtime to I-90, etc.)
 2. Indirect benefits
 3. Dredge placement alternatives "net negative" benefits
- 3. Alternatives Assessment:** Provide value of the average losses for the do-nothing scenario.
- 4. Funding Roadmap Report:** Culmination of all funding related tasks in a combined, graphic report with supporting excel workbooks.

CHEERS BCA Approach

We are conducting an **agency-agnostic, regional impact assessment** of the CHEERS project that will illustrate that:

- CHEERS is a **regional infrastructure project** that will mitigate the economic consequences associated with the no action alternative.
- CHEERS is the **most responsible** and beneficial dredge placement option that will create unmatched environmental, resilience, transportation, and social co-benefits, directly responding to the goals established by the Justice40 initiative.



CHEERS BCA Approach

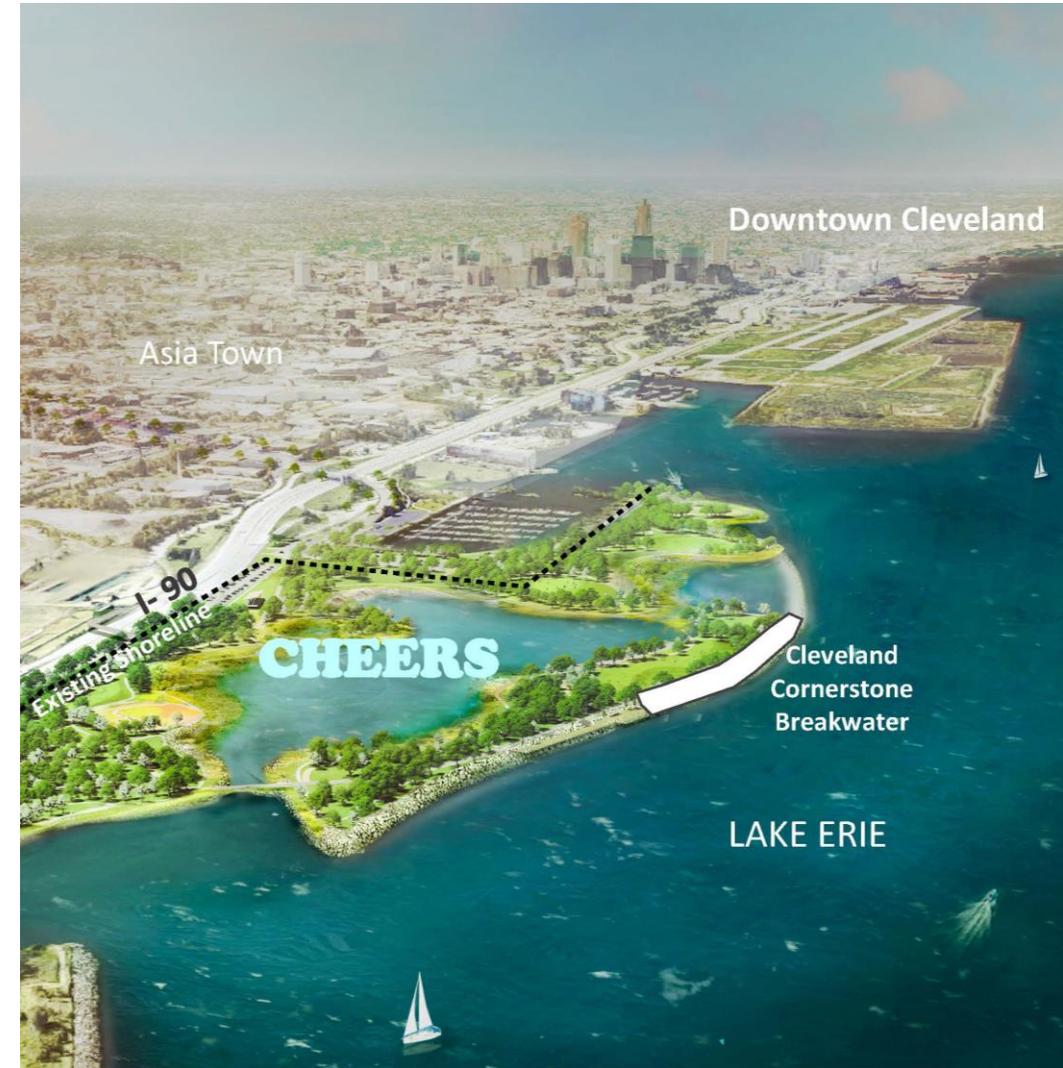
Depending on data availability, this analysis intends to compare the project costs against up to **17 quantifiable benefits** of CHEERS across four categories: **economic, land use, environmental, and resilience.**

We will also detail **qualitative benefits** that we could not quantify in this analysis. This includes equity, health, and safety benefits.

Benefit Category	Benefit
Economic Benefits Of Maintaining Port Operations	Jobs And Wages
	Value Of Goods
	Recreational / Tourism Value
Land Use And Development Benefits	Property Value Increases From Accessible Park Space
Environmental Benefits Due To The Restoration And Creation Of Natural Ecosystems	Aesthetic Value
	Air Quality
	Biological Control
	Climate Regulation
	Habitat Creation And Preservation
	Pollination
	Water Quality
Resilience Benefits Of Infrastructure And Property Protection	Avoided Direct Physical Damages, Including Contents Of Structures
	Displacement Time And Costs
	Reduced VMT Delays From Damage
	Erosion Control
	Reduced Maintenance Costs Of Engineering Structures
	Stormwater Runoff

Funding - PROTECT

- Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation
- Pending application due Feb. 24th
- Refining 2023 application for a segment of the Isle's outer breakwater, which protects a key segment of Interstate 90 from being overtopped by waves from Lake Erie
- Thanks to ODOT's Resilience Plan, a Benefit Cost Analysis is not required, and the local match is reduced from 20% to 10%
- Currently refining the project scope and securing match funds



Funding – NOAA

Transformational Habitat

- Objective: support transformational habitat restoration projects that restore marine, estuarine, coastal, or Great Lakes ecosystems, using approaches that enhance community and ecosystem resilience to climate hazards.
- Applications are due April 16th
- Estimated average award: \$4-6 M; maximum award \$10 M



Partner Updates

ODOT

Statewide Resilience Improvement Plan

- Adopted October 2024 - [ODOT-RIP-Optimized.pdf](#)
 - Amended to Access Ohio 2045
- Includes CHEERS Breakwater Phase I project
 - Construct a ~1,000 linear foot offshore breakwater structure, so that under frequent storm condition, overtopping rates will be minimized
- Allows for a request of 10% additional federal rate of participation, up 90% total
 - 7% - entity is located within a State or in an area served by a MPO, that has developed a Resilience Improvement Plan and prioritized the project on that Resilience Improvement Plan
 - 3% - entity is located in a State that has a Resilience Improvement Plan developed in accordance with 23 U.S.C. 176(e) and incorporated into the statewide long-range transportation plan under 23 U.S.C. 135, as applicable.
- Eliminates the need for BCA submittal
 - BCA required unless the project is in qualifying RIP (23 USC 176 (e)(2) (NOFO Section IV Economic Analysis, page 35)



Ohio DOT | Resilience Improvement Plan 70

Project Name	Description	Summary of PROTECT Justification
CUY IR 90-CHEERS-Breakwater	Breakwater off the shore of Lake Erie to reduce high wave action against IR-90 in the City of Cleveland.	This project will construct a ~1,000 linear foot offshore breakwater structure, so that under frequent storm conditions (50% annual chance/2-year), overtopping rates will be low enough to keep IR-90 open if advisories are issued for motorists.

Port of Cleveland

PORT OF CLEVELAND
SECURES RECORD \$94 MILLION EPA GRANT



Cleveland Metroparks

Cleveland Metroparks

Patrick S. Parker Community Sailing Center

- Replaces existing structure at east side of E55th Marina
- New auxiliary boathouse at west side of E55th Marina



BEL

BEL

Jacquie E Gillon Annual Scholarship & Awards Presentation

Date: Tuesday, February 4th, 2025

Time: 12:00pm – 1:30pm

Location: Cleveland Public Library – Main Branch Auditorium

We will be honoring the legacy of BEL's Co-Founder and Co-Director, Jacquie Gillon, by celebrating the accomplishments of today's BIPOC youth leaders. Our program will feature a keynote speaker, legacy reflections, acknowledgments from our local elected officials, and an award presentation to our inspiring youth scholars.



2025 Environmental Justice Summit

Date: Wednesday, February 5th – Thursday, February 6th, 2025

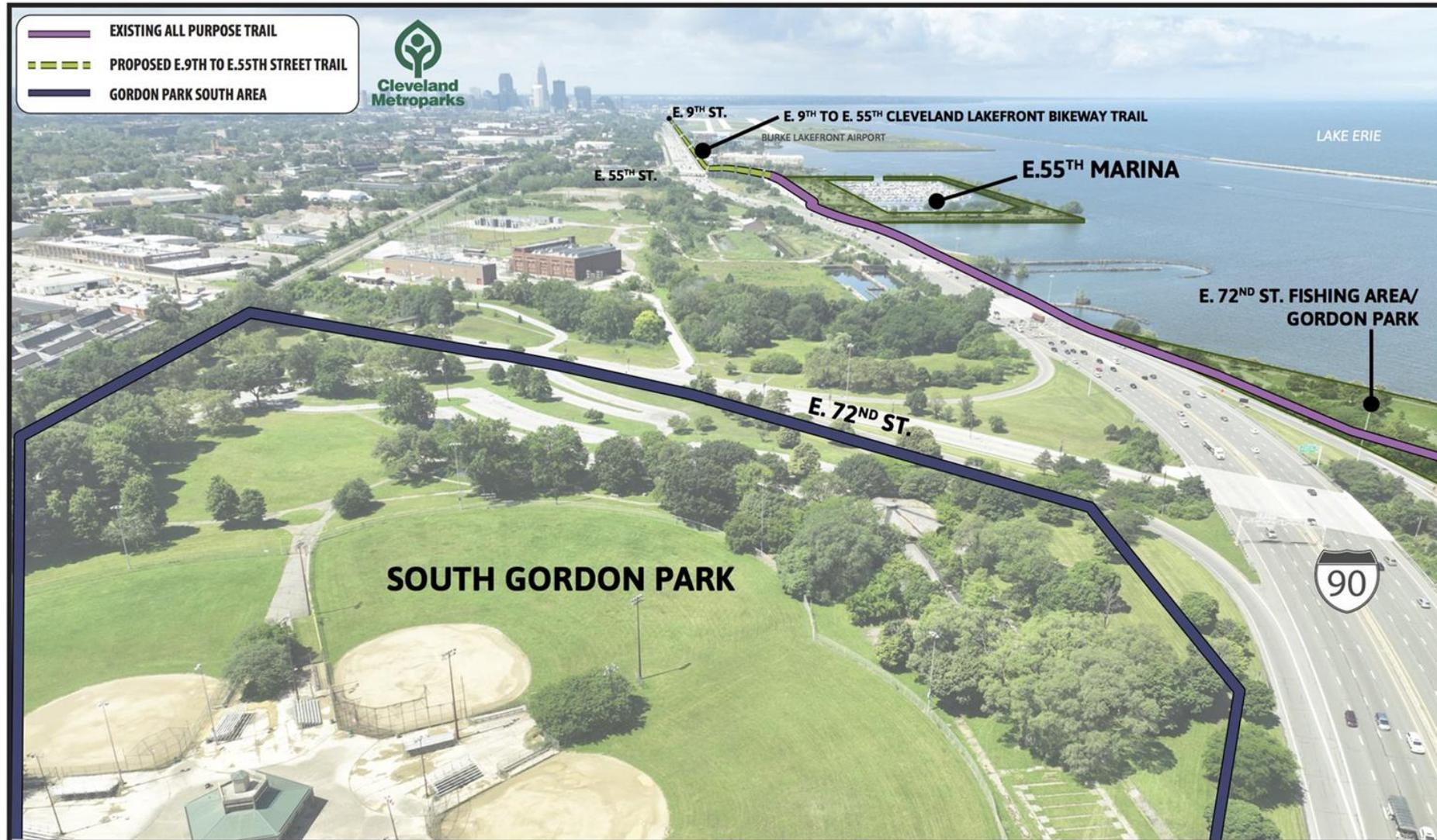
Time: 12:00pm – 1:30pm

Location: Cleveland Public Library – Main Branch
Lower-Level Atrium & Auditorium

Sponsored by the Climate and Clean Energy Coalition (CCEC), this two-day event will feature a range of presentations centered around environmental justice efforts happening in and around the Northeast Ohio region. Request to CHEERS reps to present!



Gordon Park in St. Clair Superior





A PLAN FOR GORDON PARK

Community Engagement Summary

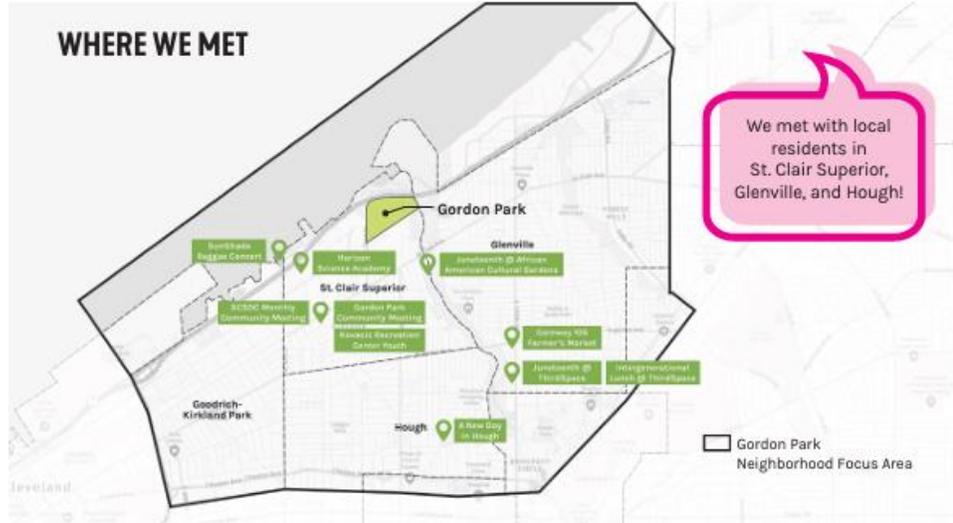
WHAT WE DID

16
Community Events

We met the community through: mobile workshops, community gatherings, focus group meetings, and youth activities.



WHERE WE MET



WHAT WE HEARD

Across our 16 community events, we met with residents, neighborhood organizations, and local leaders ranging across all ages and walks of life. Stories were heard, conversations were documented, and ideas were gathered to create a broad understanding of the local community's priorities in planning for the future of Gordon Park!

300+
People Participated

959
Comments and Ideas Received

#1

The #1 idea we received from the community about their vision for the future of Gordon Park was...

Trails for Walking, Biking, Rollerblading, and Hiking

ACTIVE RECREATION

- #1 Trails for Walking, Biking, Rollerblading, and Hiking
- #2 Playground and Playscape
- #3 Splash Park, Swimming, and Water Play

PASSIVE RECREATION

- #1 Barbeque
- #2 Watching Sunrise and Sunset
- #3 Viewing Nature

EVENTS AND ACTIVITIES

- #1 Food Trucks
- #2 Art Shows with Temporary Murals and Sculptures
- #3 Live Music and Music Festivals

AMENITIES AND FEATURES

- #1 Public Restrooms
- #2 Butterfly and Perennial Gardens
- #3 Food, Beverage, Equipment Rental; Pavilion, Shelter, or Clubhouse

Gordon Park in St. Clair Superior



Gordon Park in St. Clair Superior



Let's reimagine
the future of
GORDON PARK
together!



Visit the project website at:
www.plangordonpark.com

Questions about the project?
Email the project team at:
info@plangordonpark.com

We are excited to continue having conversations with the community about the future of Gordon Park! Over the last several months, the project team has met with numerous stakeholders, organizations, and residents to gather feedback and ideas for park amenities and programming that the community would like to see at Gordon Park.

The project team has taken all of the feedback we have received and incorporated them into 1 final concept plan for Gordon Park and an Area Vision Plan for the communities surrounding Gordon Park. Join us for this community session to see these ideas and provide your feedback!

COMMUNITY MEETING #3

Monday, December 16th

6:00 - 7:30 pm
(doors open at 5:30 pm)

**Saint Martin De Porres
High School**
6202 St. Clair Ave., Cleveland, OH 44103
Saint Clair Building-1-103 Cafeteria (200)

City of Cleveland

ODNR

Stakeholder updates

Reconnecting Communities

- Improve bike and pedestrian connections to Lake Erie / reduce conflicts with I-90
- Northeast Ohio Areawide Coordinating Agency (NOACA) applied for a Planning Grant, with support and local match from:
 - City of Cleveland
 - Port of Cleveland
 - Cleveland Metroparks
 - ODOT
- Partners are participating in the Reconnecting Communities Institute

www.rciconnect.org

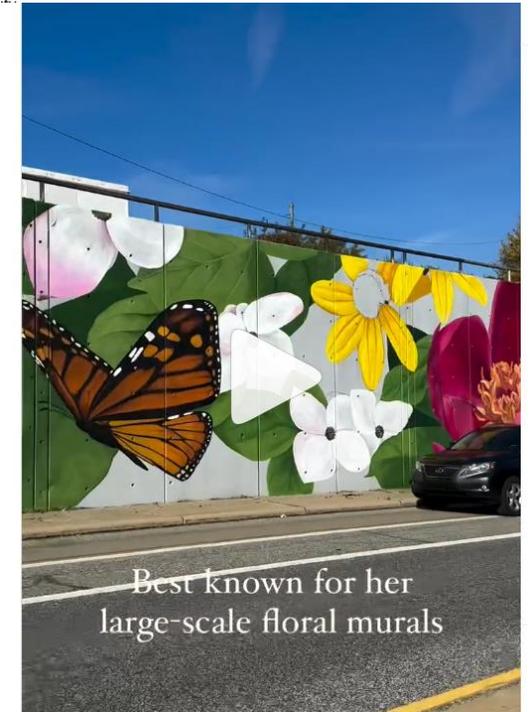
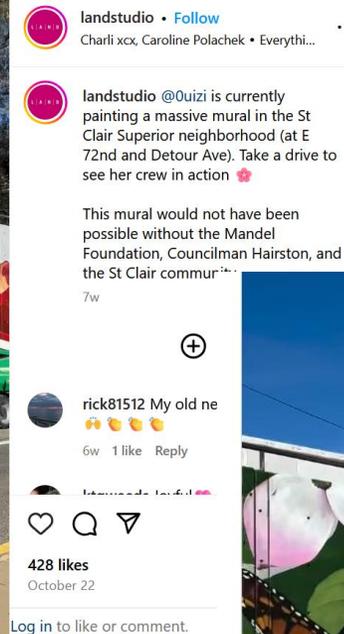


St. Clair-Superior Development

Instagram

Corporation

- 40 new trees were planted along E. 72nd between I-90 and the railroad overpass
- With LAND studio and the Mandel Foundation – a 1,400-foot mural by artist Louise Chen Jones
- Partnerships for additional neighborhood efforts



Thank you!

