



US Army Corps of Engineers®

Chicago District
Planning Branch
231 South La Salle Street
Suite 1500
Chicago, Illinois 60604
312-353-6400

Appendix E – 2024 Community Involvement in Design Phase

Draft Supplemental Environmental Assessment
Morgan Shoal Revetment Reconstruction (45th - 51st)

MORGAN SHOAL COMMUNITY UPDATE

PROJECT 22703: CHICAGO SHORELINE PROTECTION PROJECT
45TH STREET TO 51ST STREET (MORGAN SHOAL)
REVETMENT RECONSTRUCTION

February 22, 2024

5:30 - 6:00 PM

Presentation

6:00 - 7:00 PM

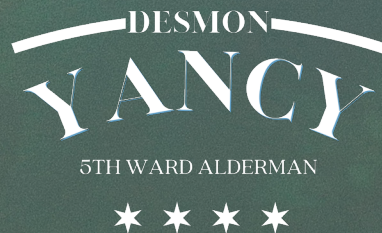
Open House

7:00 PM

Adjourn



LAMONT J. ROBINSON
4TH WARD ALDERMAN



US Army Corps
of Engineers



WELCOME

PRESENTATION AGENDA

1. Introduction

Alderman Lamont J. Robinson, 4th Ward

Alderman Desmon Yancy, 5th Ward

Ray Giderof, PBC

2. Morgan Shoal Dan Burke, CDOT

3. Project Background Mike Padilla, USACE

4. From 2015 To Now Heather Gleason, CPD

5. Current Project Status Kerl LaJeune, PBC

– 47th Street

– 49th Street and Comfort Station

– 51st Street

6. Natural Resources Heather Gleason, CPD

7. Construction Planning and Logistics

Ray Giderof, PBC

OPEN HOUSE: Share Your Thoughts

Adjourn Ray Giderof, PBC

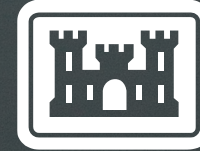
AGENCY STAKEHOLDERS



Public Building Commission of Chicago



Chicago Park District



US Army Corps
of Engineers

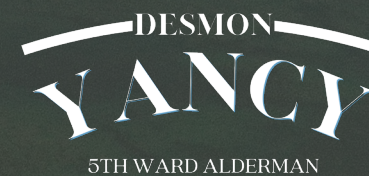
US Army Corps of Engineers



Chicago Department of Transportation



4th Ward



5th Ward





MORGAN SHOAL

CHICAGO DEPARTMENT OF TRANSPORTATION

WHERE IS MORGAN SHOAL?



An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a city skyline with numerous skyscrapers is visible under a hazy sky.

PROJECT BACKGROUND

US ARMY CORPS OF ENGINEERS

PROJECT BACKGROUND

CHICAGO SHORELINE PROTECTION PROJECT

- Primary objective is to protect the Chicago shoreline for all users from flooding and erosion
- Since 1997, the City and the USACE has reconstructed 9.2 miles of shoreline from Montrose Avenue to 57th Street and the South Water Purification Plant Breakwater
- Remaining Segments:
 - **45th to 51st St (Morgan Shoal)**
 - Promontory Point (not part of this scope)



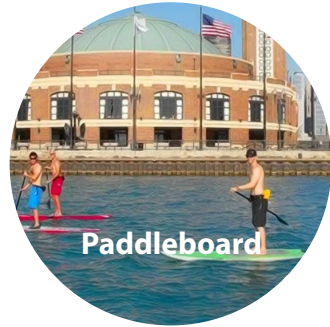


FROM 2015 TO NOW

CHICAGO PARK DISTRICT

2015 FRAMEWORK PLAN OVERVIEW

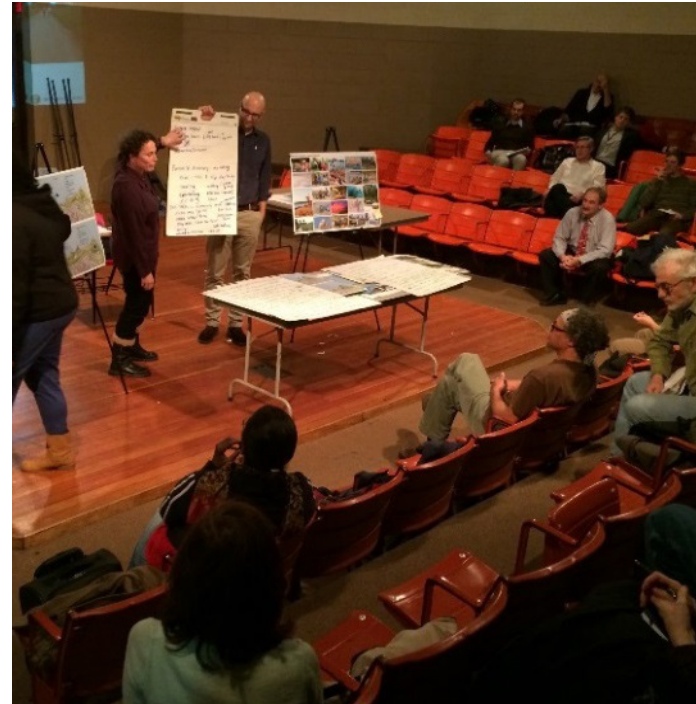
COMMUNITY ENGAGEMENT



PUBLIC MEETING 1

October 28, 2014

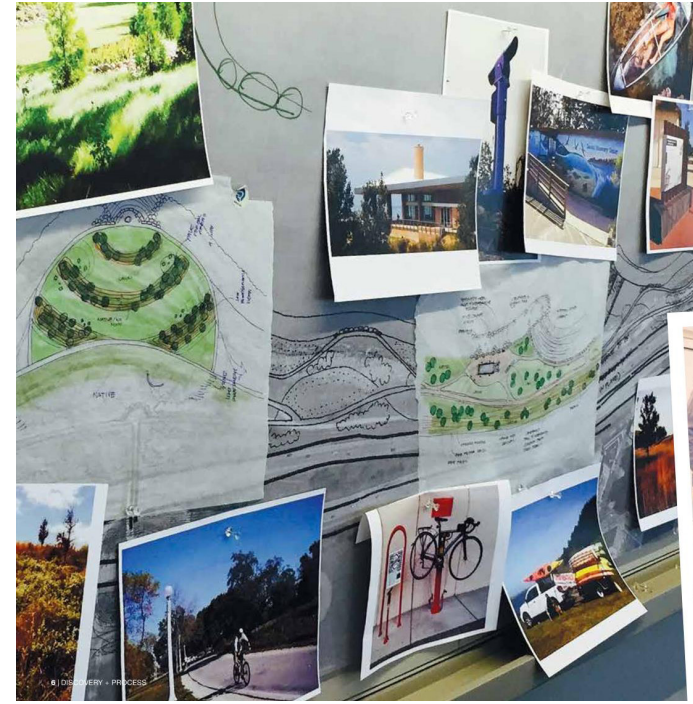
Review of timeline, lakeshore projects, existing conditions, goals and opportunities, break-out, next steps



PUBLIC MEETING 2

December 15, 2014

Review of timeline, lakeshore projects, existing conditions, goals and opportunities, break-out, report back and next steps



PUBLIC MEETING 3

February 26, 2015

Review of project timeline, lakeshore projects, existing conditions, current feedback, concept plan break-out for Q&A

COMMUNITY PARTNERS

- Williams-Davis PAC
- Washington Park LAC
- Burnham Nature Sanctuary
- Black Metropolis National Heritage Area Commission
- Sacred Keepers Sustainability Lab
- Field Museum
- Saint Paul & the Redeemer
- Friends of the Parks
- De La Salle Institute
- Alliance for the Great Lakes
- Illinois Department of Natural Resources
- Armstrong PAC
- Bronzeville Historical Society
- Central Advisory Council
- Jackson Park Advisory Council
- Black Student Community Resource Sharing Network
- Hyde Park Herald
- American Youth Soccer Organization

2015 COMMUNITY ENGAGEMENT PROCESS OUTCOMES



Protect and celebrate the shoal

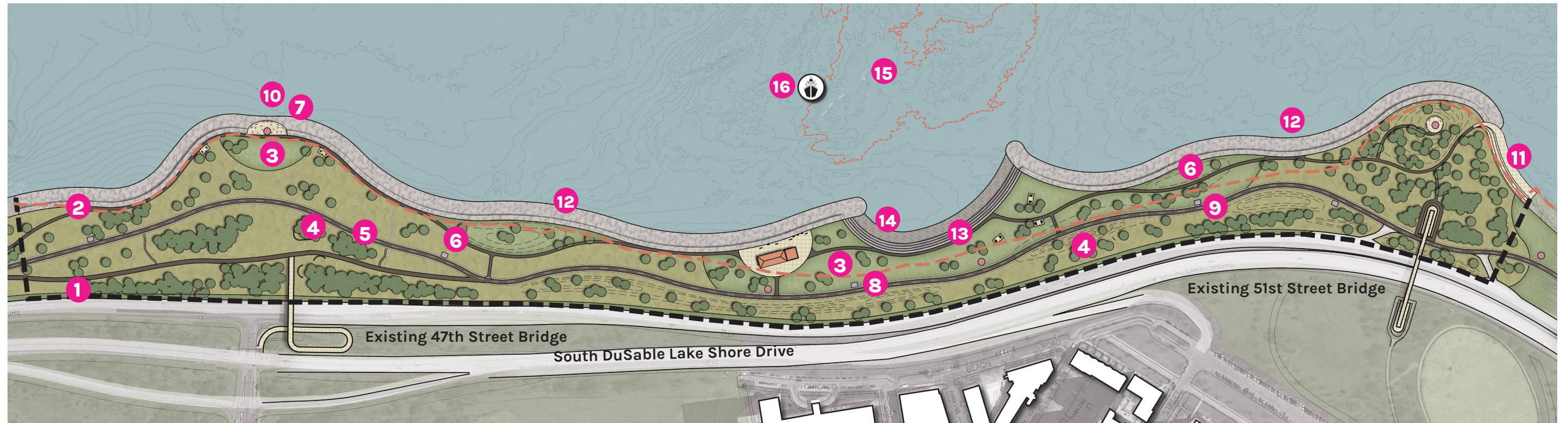


Strike a balance between traditional lawn and natural habitat areas



Key features that bring park visitors to the water

2015 FRAMEWORK PLAN CONCEPT



- 1 Project Boundary
- 2 Existing Shoreline
- 3 Lawn
- 4 Native Savanna/Prairie/Woodland
- 5 Lakefront Trail
- 6 Secondary Trail

- 7 Overlook
- 8 Picnic Area
- 9 Fitness Station
- 10 Art Opportunity
- 11 Stepped Concrete Revetment
- 12 Sloped Stone Revetment

- 13 Stepped Stone Revetment
- 14 Pebble Beach
- 15 Morgan Shoal
- 16 Silverspray Wreck Location

2015 TO NOW

SEPARATED LAKEFRONT TRAIL (2016-2018)



2019-2021 RECORD HIGH LAKE LEVELS AND STORM DAMAGE



Dislodged revetment stones and parkland erosion due to wave action



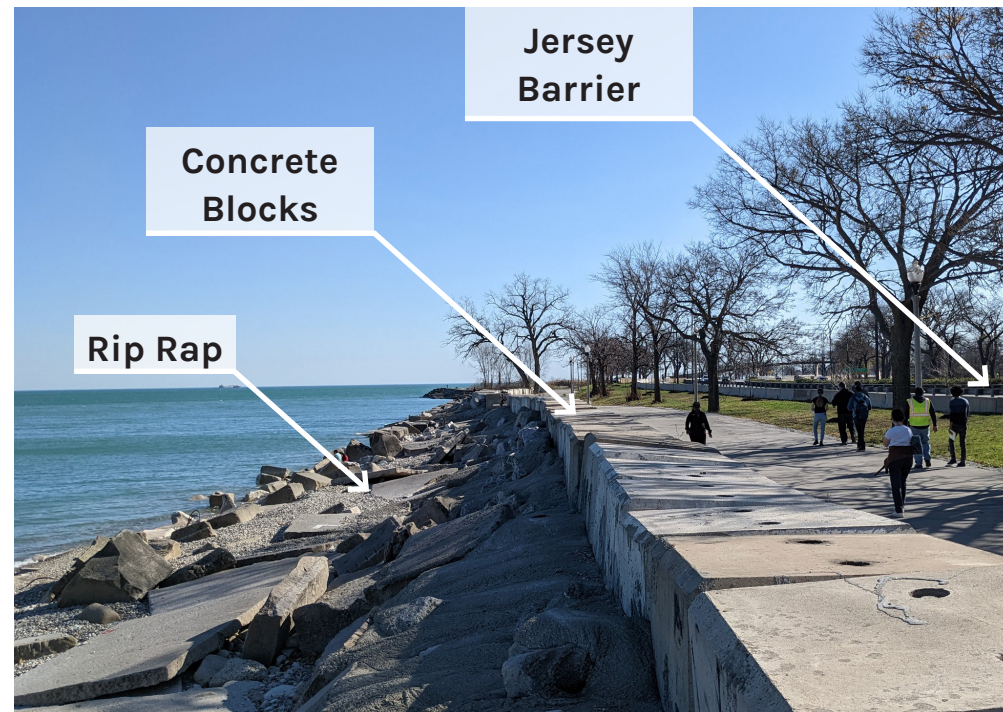
Destroyed lakefront path due to wave action



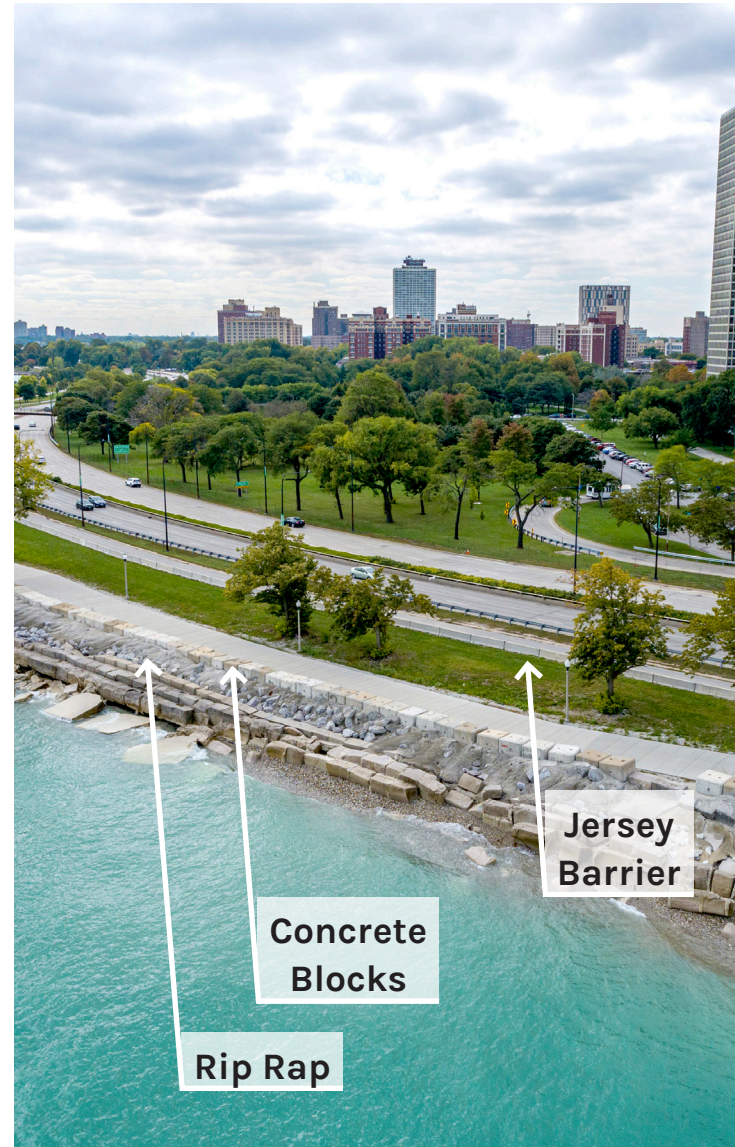
Collapsed concrete slabs and washout areas after winter storm

2019-2021 EMERGENCY STORM DAMAGE MITIGATION

- Jersey wall barrier placement by CDOT
- Emergency work with USACE and MWRD Assistance
- TrapBag installation by Park District



Close up view of existing conditions



View of existing conditions at 47th Street



TrapBags installed as temporary flood protection

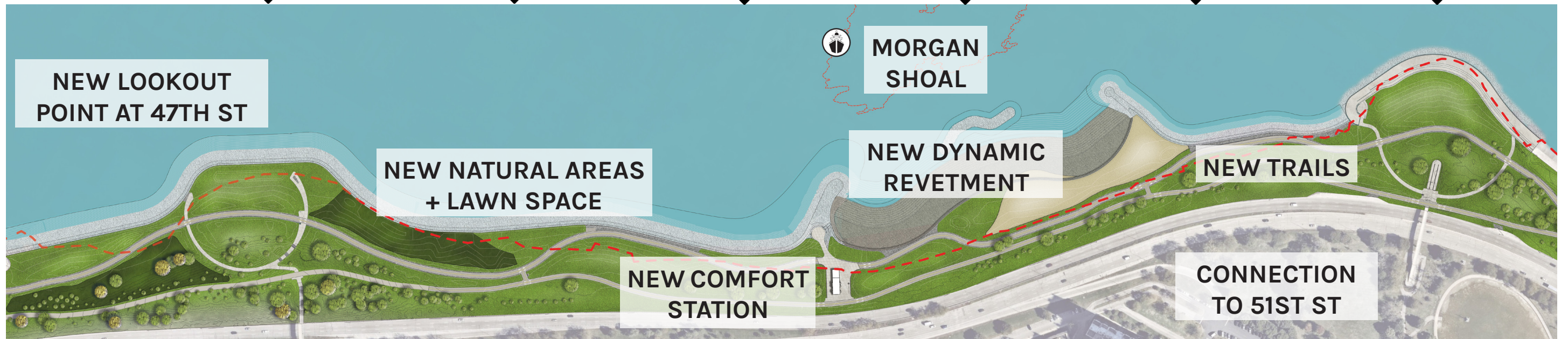
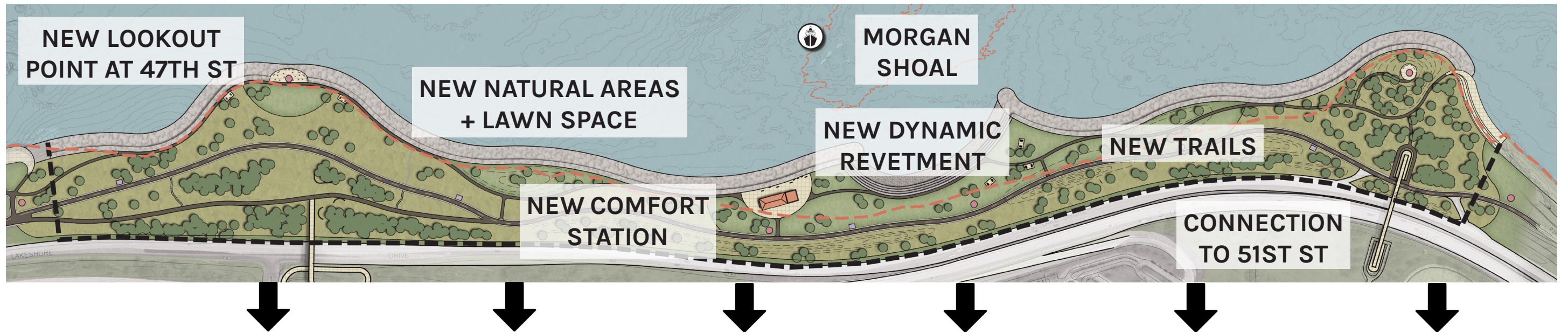


CURRENT PROJECT STATUS

PUBLIC BUILDING COMMISSION

CURRENT PROJECT STATUS

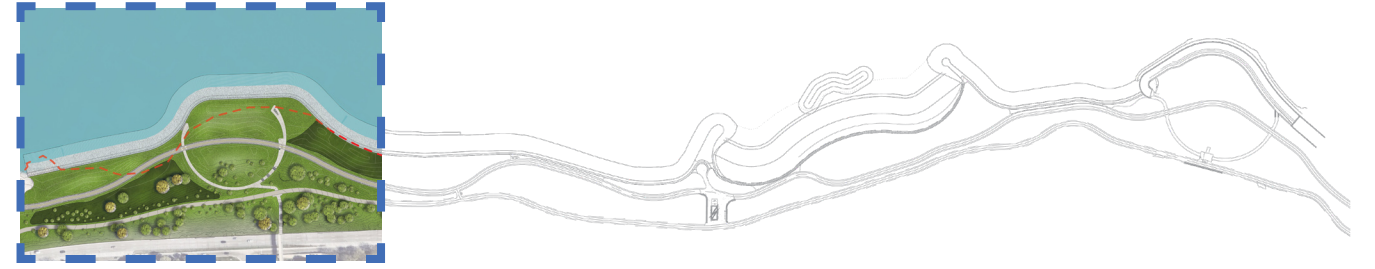
2015 FRAMEWORK PLAN



PRELIMINARY DESIGN

CURRENT PROJECT STATUS

47th STREET

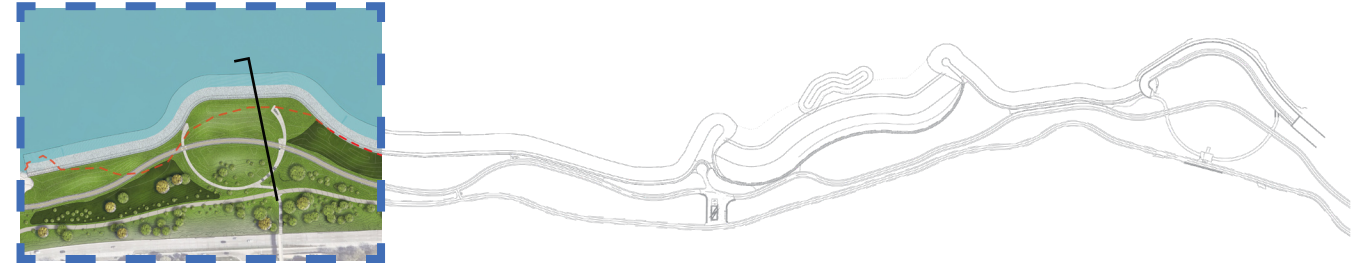


2015 FRAMEWORK PLAN

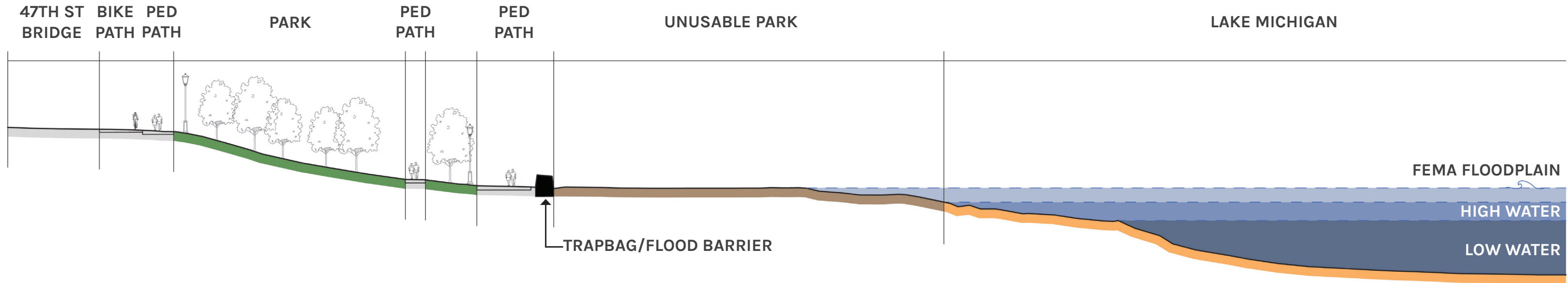


2024 CURRENT DESIGN

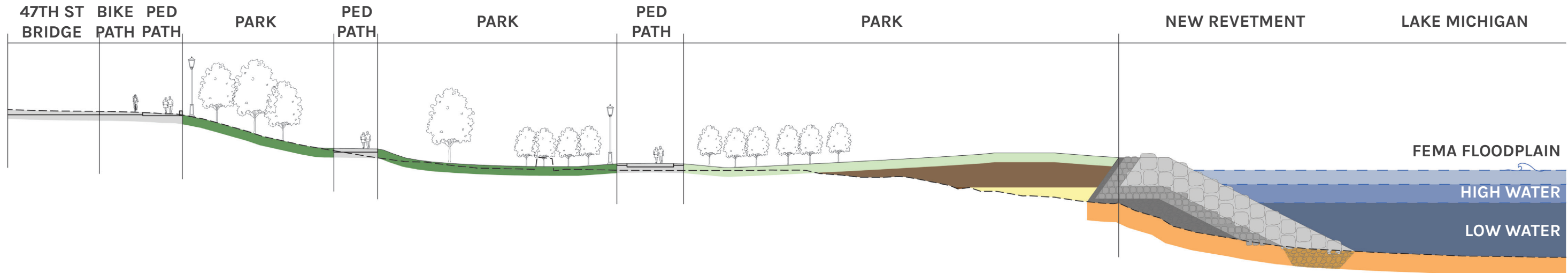
47th STREET SECTION



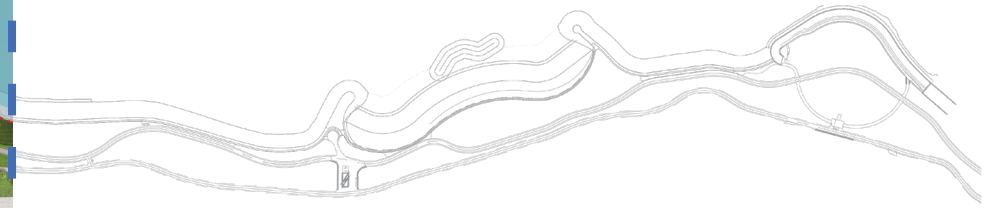
EXISTING SITE SECTION



PROPOSED SITE SECTION

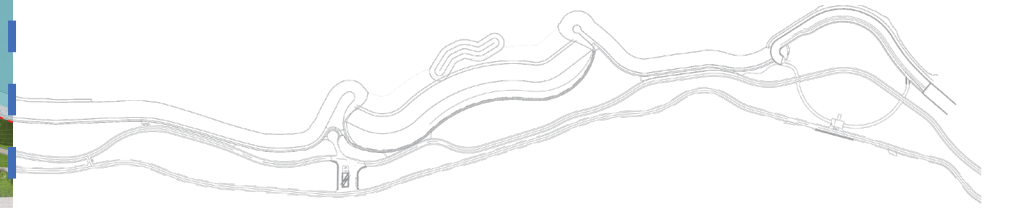


47th STREET EXISTING CONDITIONS



Deteriorating shoreline separated from pedestrian trail with temporary measures of rip rap and TrapBags.

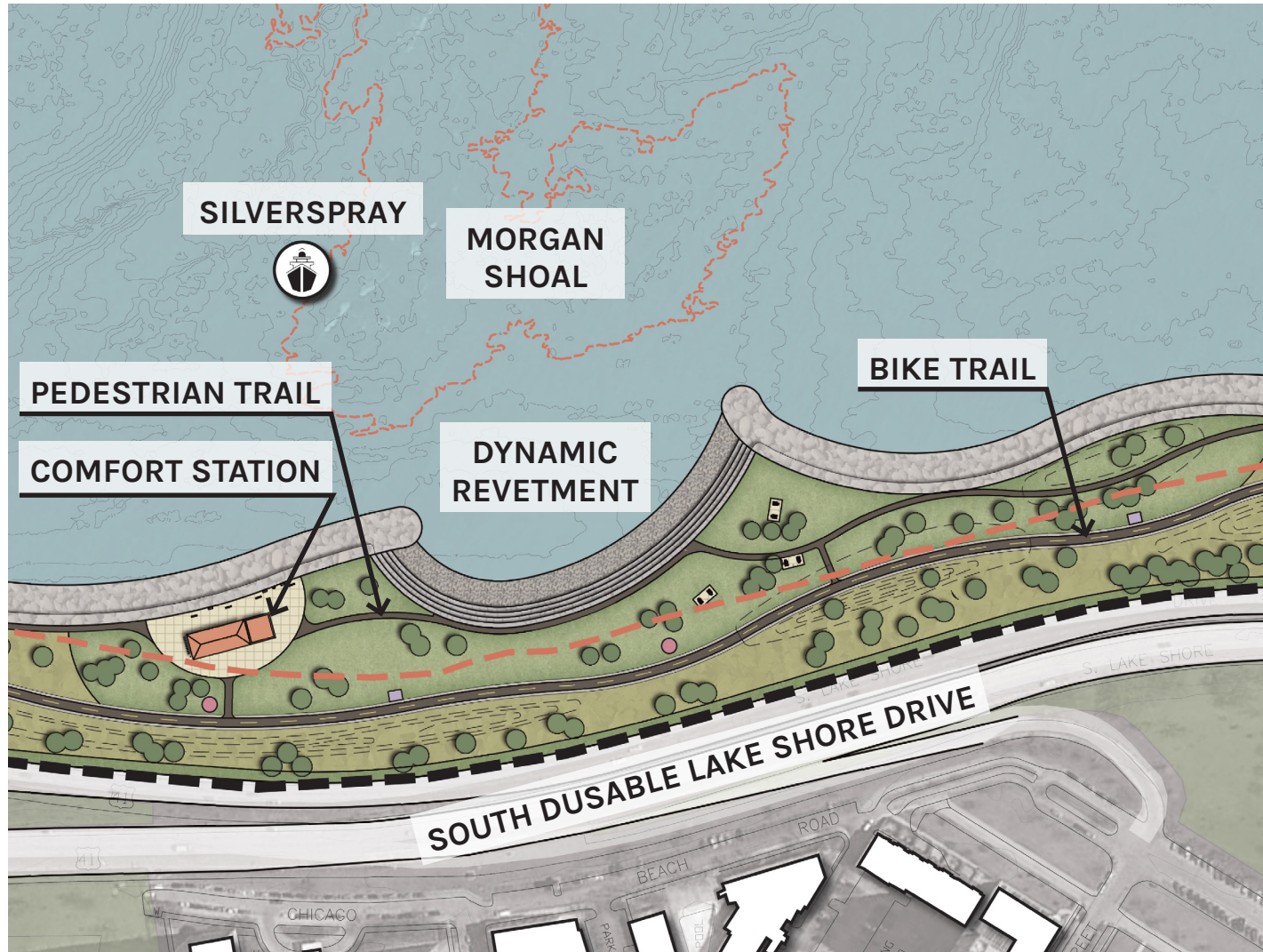
47th STREET (LOOKING SOUTH) PROPOSED DESIGN



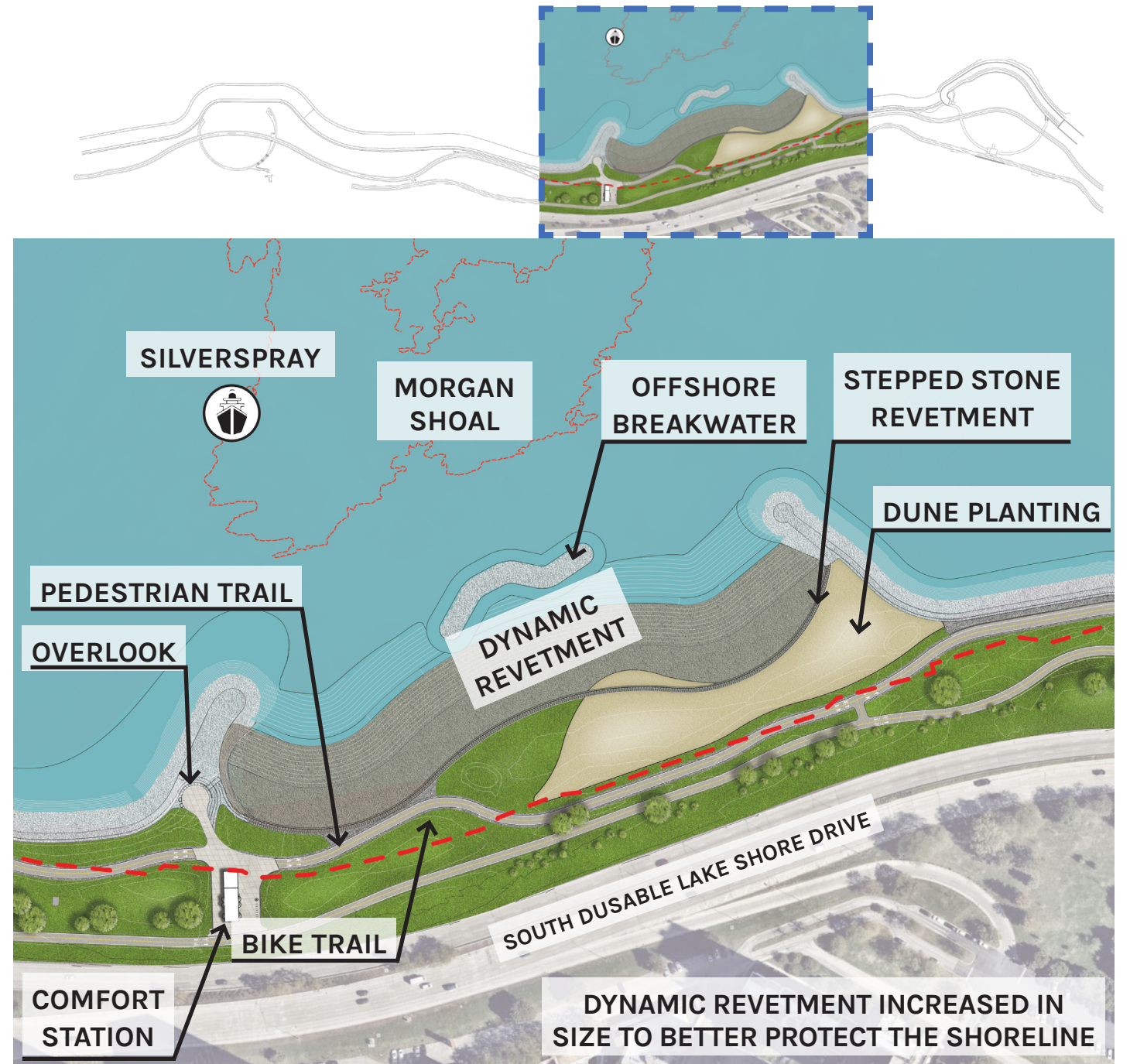
New parkland at the landing of the existing 47th Street pedestrian bridge separates cyclists from pedestrians, expands natural areas and lawn areas along the path, and protects existing trees.

CURRENT PROJECT STATUS

49th STREET

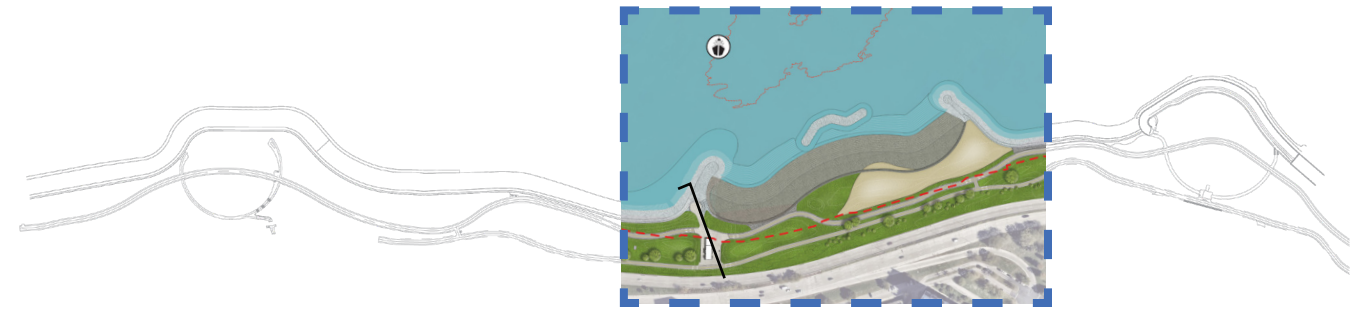


2015 FRAMEWORK PLAN

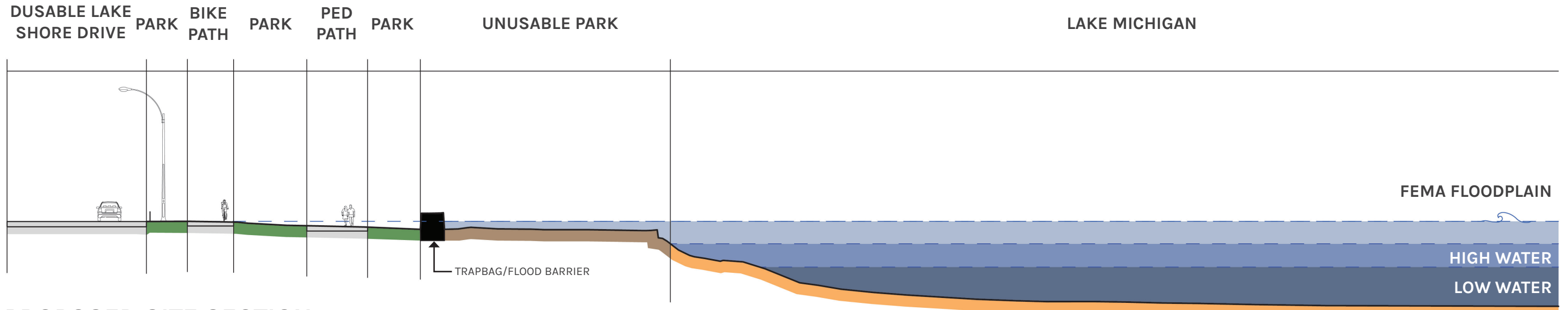


2024 CURRENT DESIGN

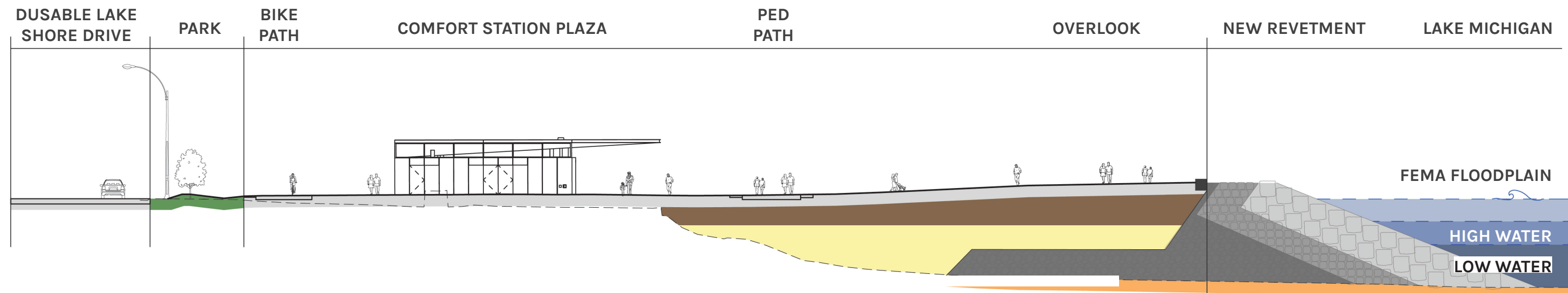
49th STREET SECTIONS



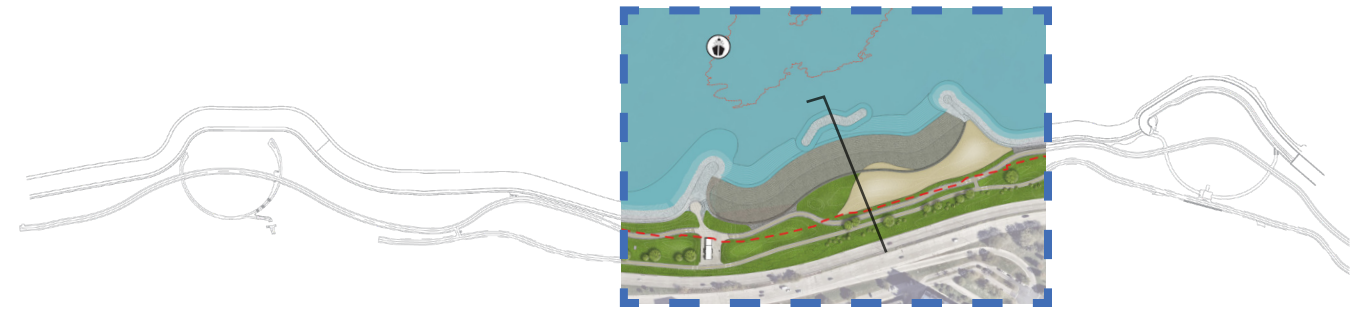
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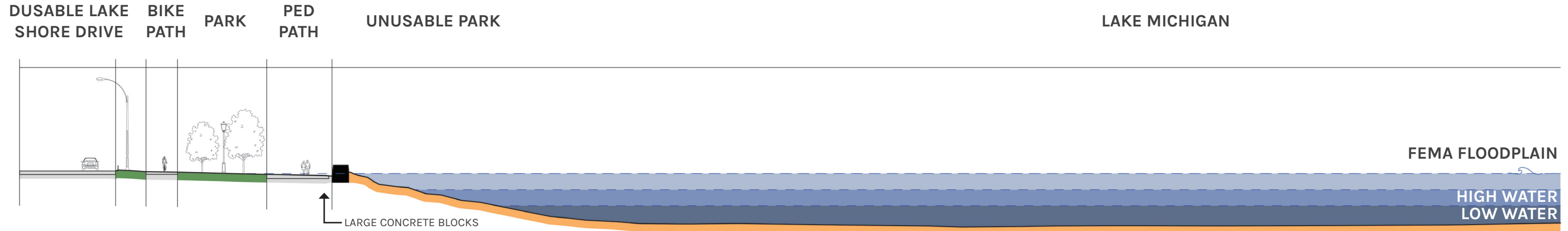
PROPOSED SITE SECTION



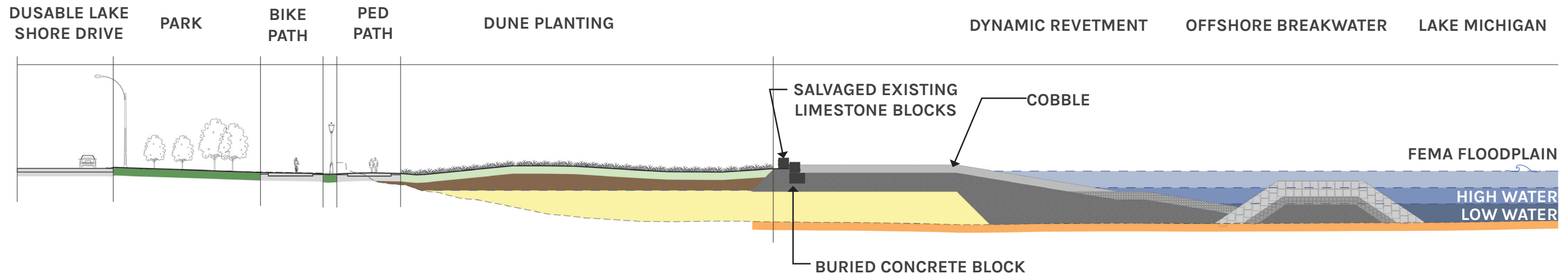
49th STREET SECTIONS



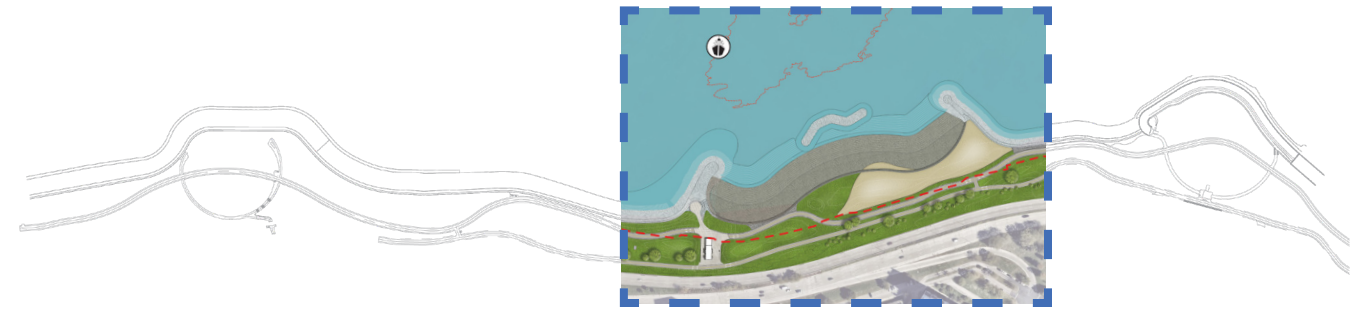
EXISTING SITE SECTION



PROPOSED SITE SECTION

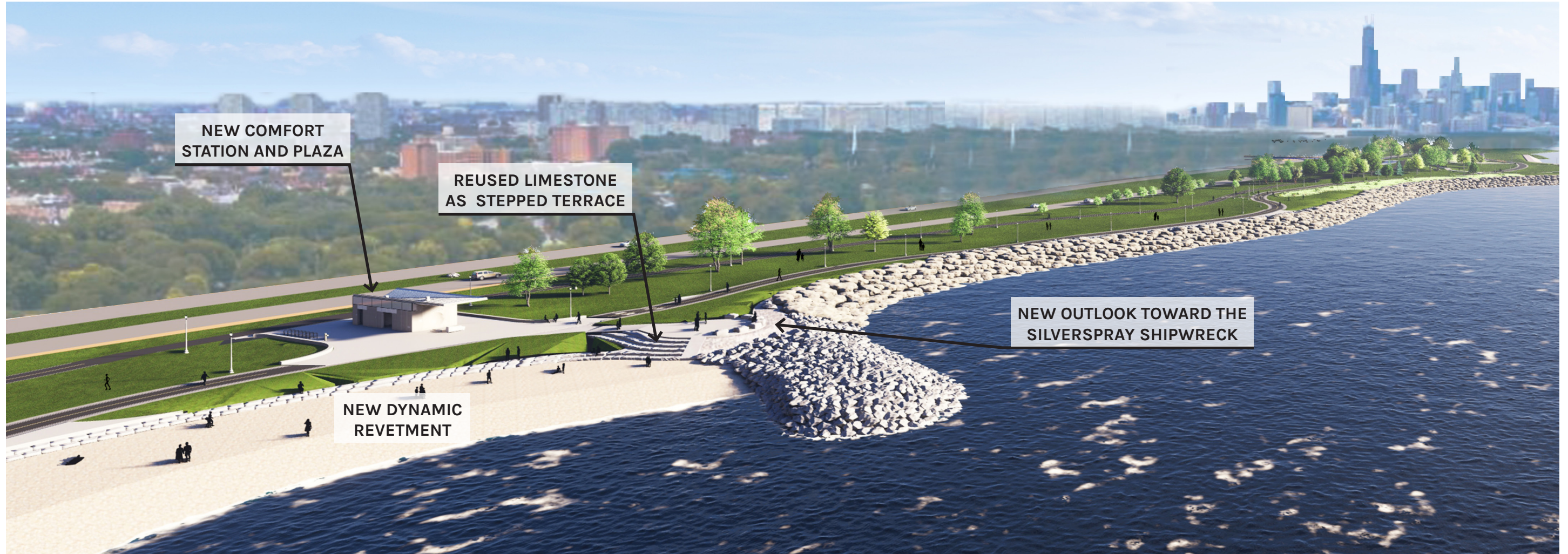
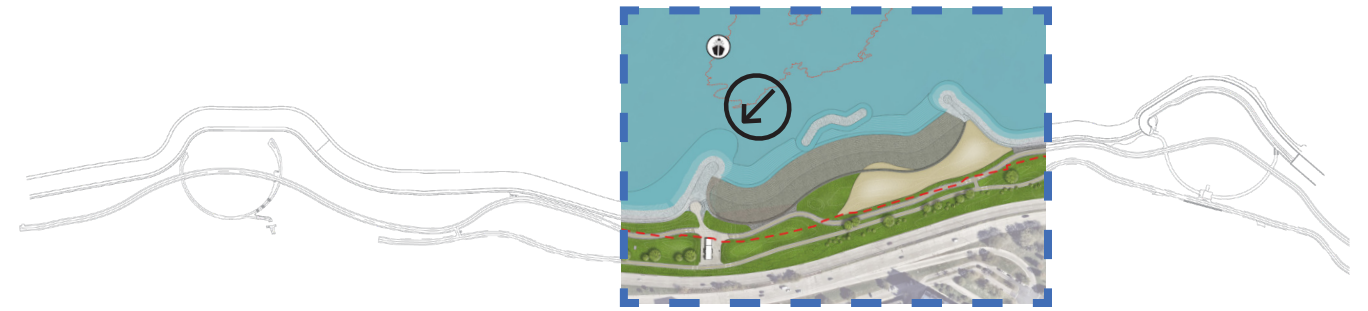


49th STREET EXISTING CONDITIONS



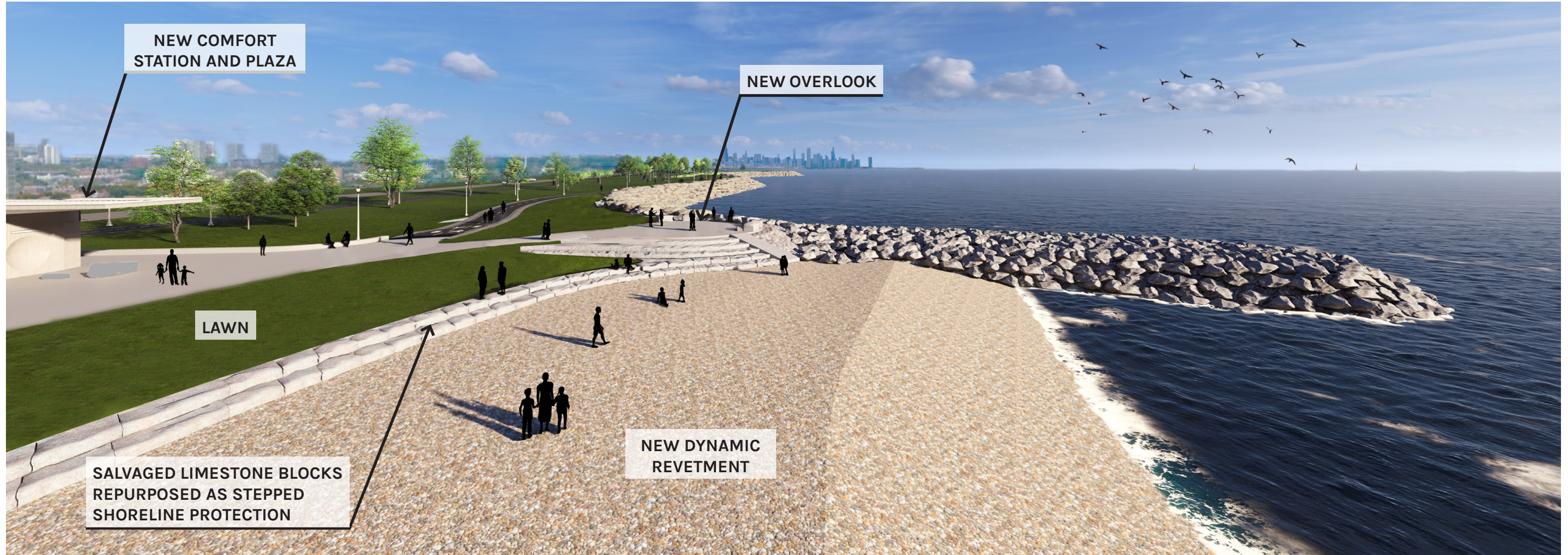
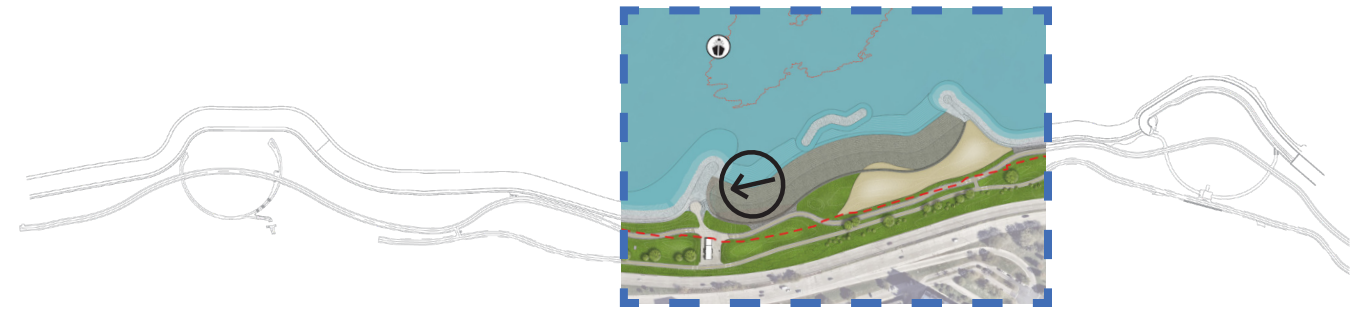
Existing edge of lakefront trail crumbling into the water limits areas where park visitors may safely interact with the lake.

49th STREET (LOOKING NORTH) PROPOSED DESIGN



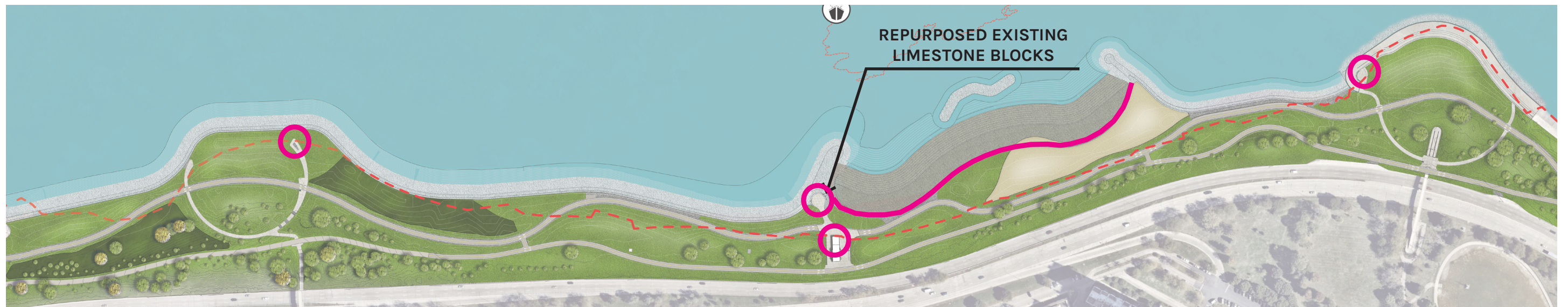
New parkland lifts the comfort station up out of the FEMA floodplain and creates an elevated outlook for views out to the water. The outlook terraces down to the new dynamic revetment, a protected and designed moment that brings park visitors close to the water.

49th STREET (LOOKING NORTH) PROPOSED DESIGN



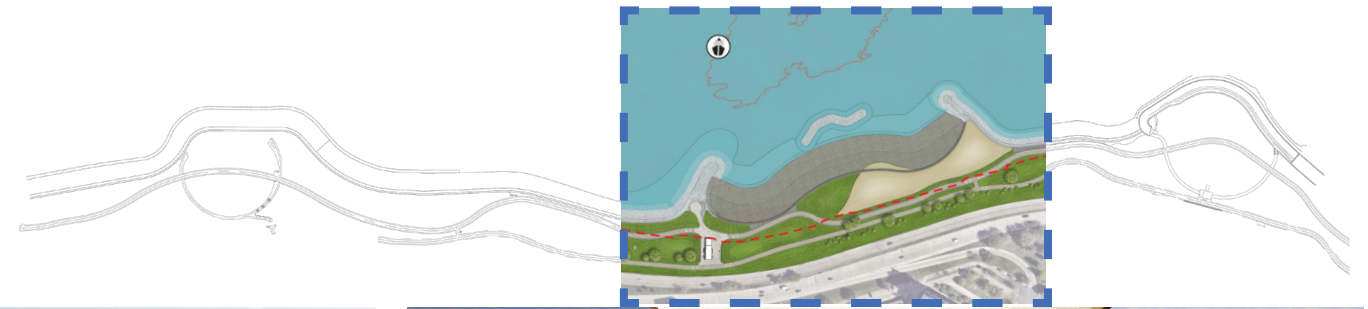
The new dynamic revetment protects the new parkland at its most vulnerable point and brings park visitors safely to the water's edge

REPURPOSED EXISTING CARVED LIMESTONE BLOCKS



Generations of park visitors have left their mark on many of the existing limestone blocks. As part of this project, hundreds of existing blocks will be carefully salvaged and reused as seating or as part of the terrace at the dynamic revetment.

49th STREET COMFORT STATION



SALVAGED CARVED STONE
REPURPOSED AS SEATING



SALVAGED CARVED STONE
REPURPOSED AS SEATING

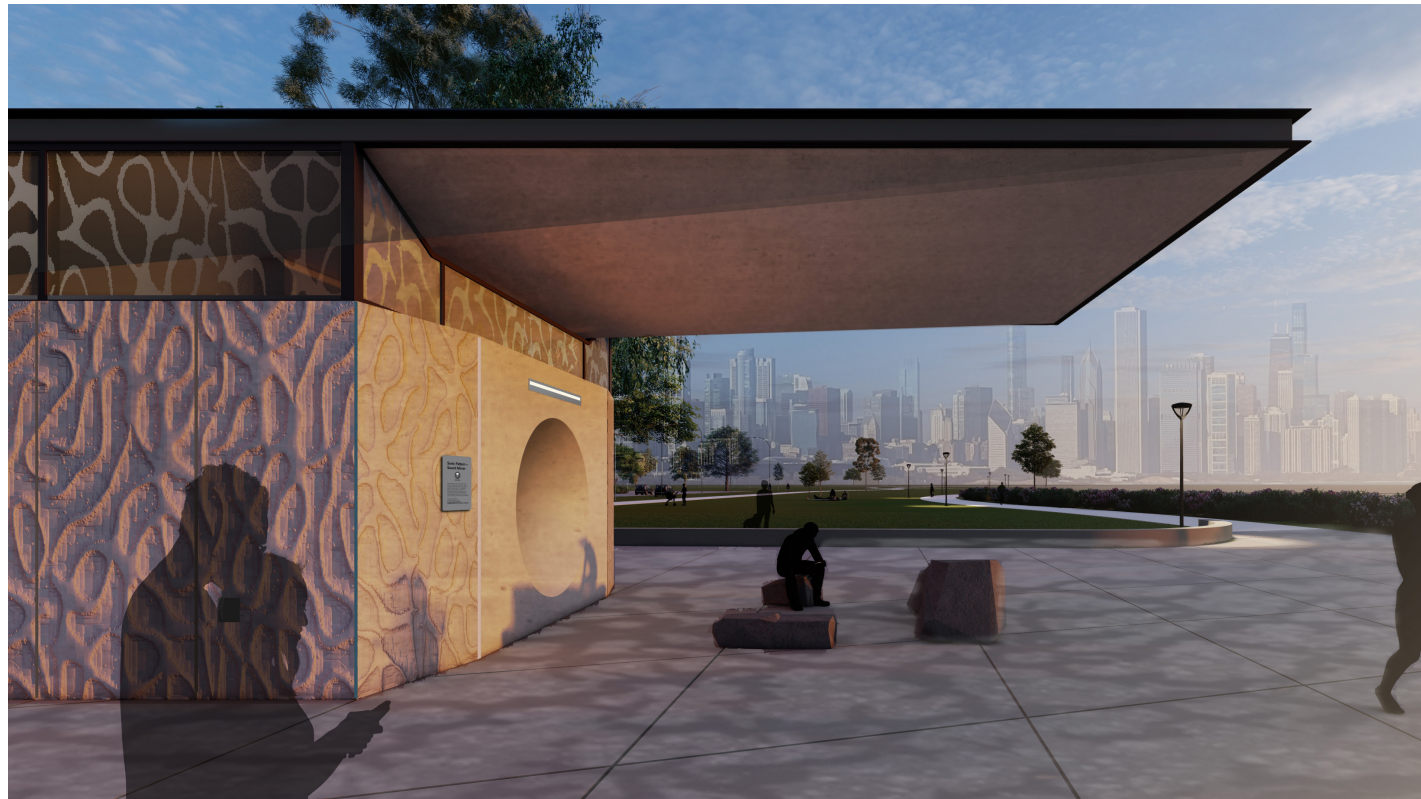
The roof overhang shades a protected area for the original carved stone, repurposed into seating



The interior high-privacy toilet partitions are inspired by the sonic patterns reflected in the concrete walls.

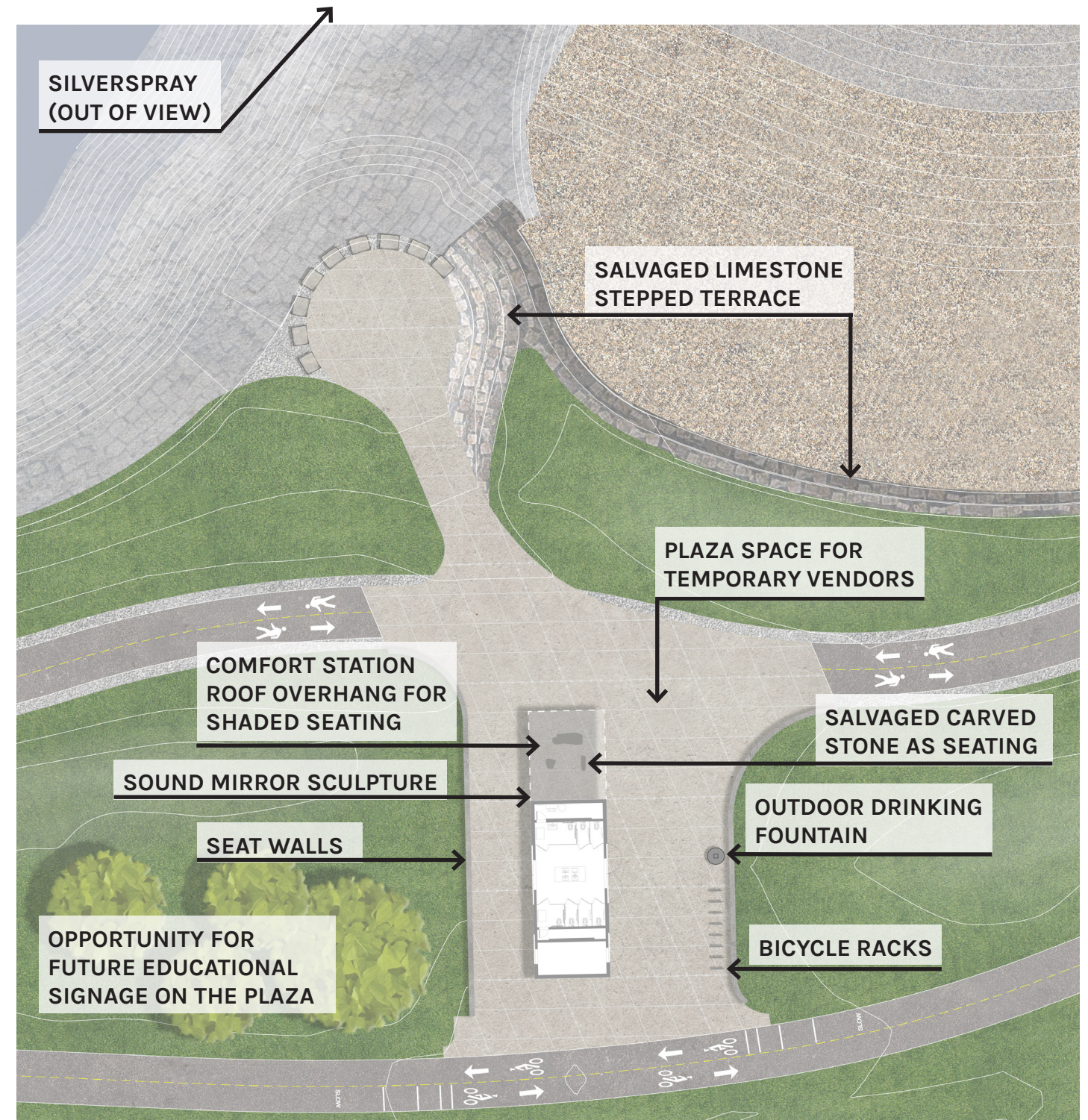
The Comfort Station is a new, iconic civic landmark along the lakefront at Morgan Shoal, inspired by Chicago's historic bridge houses. It will be the Chicago Park District's first lakefront gender neutral restroom. Its walls reflect Lake Michigan, translating sounds to patterns.

PLAZA LAYOUT OVERLOOK TOWARD MORGAN SHOAL AND SILVERSPRAY WRECK



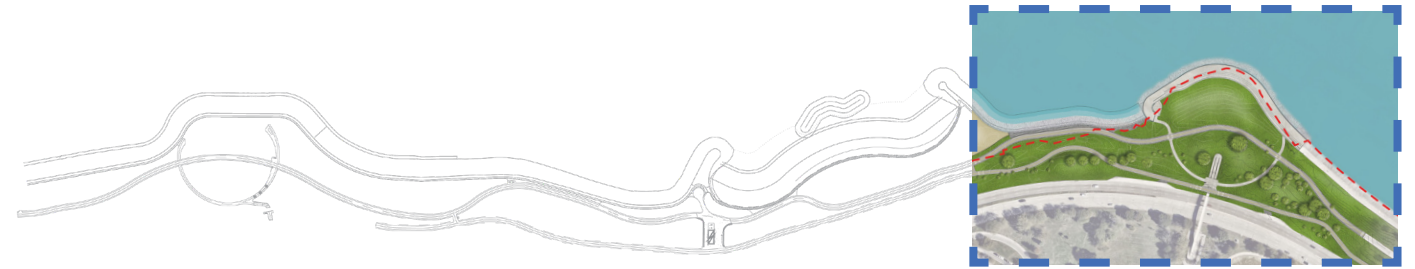
ENGAGING THE SENSES

Taking inspiration from the 2015 Framework Plan, local Chicago sound artist, Mark Holt, recorded the sounds of Lake Michigan at the site of the original comfort station. He translated those sounds into a visual pattern that will be cast into the concrete walls of the new comfort station so that visitors can see the sound of Lake Michigan, touch the grooved pattern, and listen to amplified sounds of the Lake through the sound mirror sculpture.



CURRENT PROJECT STATUS

51st STREET

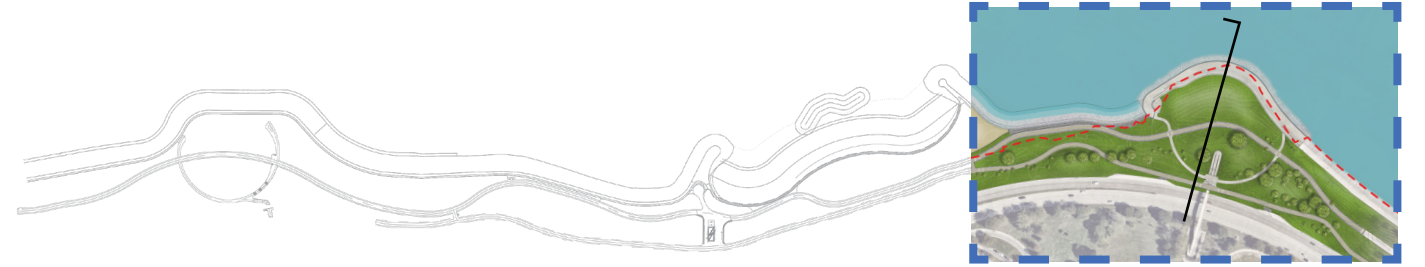


2015 FRAMEWORK PLAN

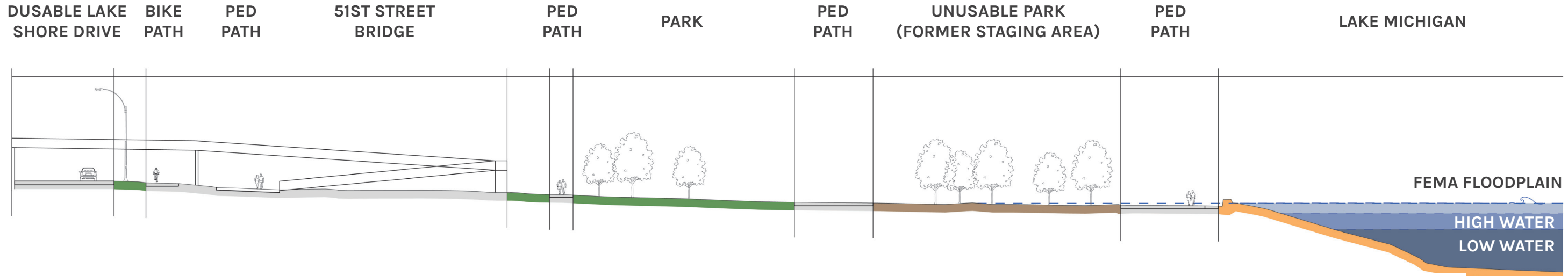


2024 CURRENT DESIGN

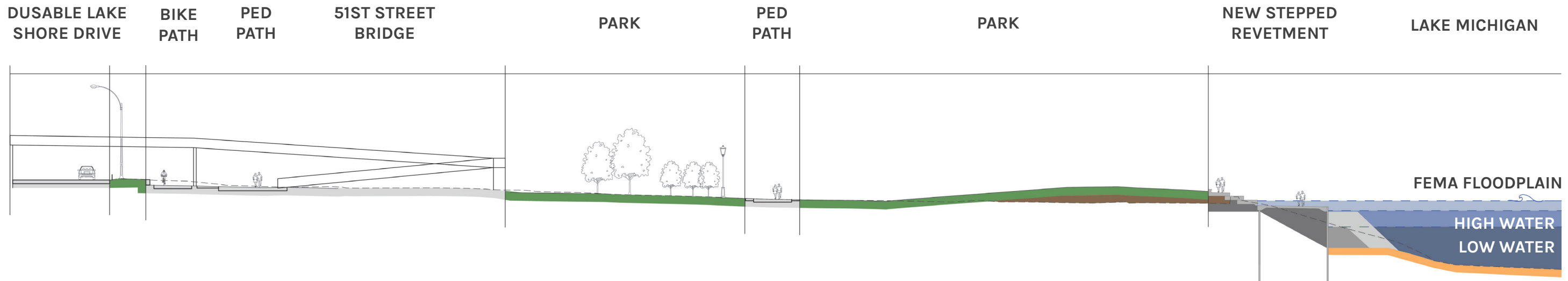
51st STREET SECTIONS



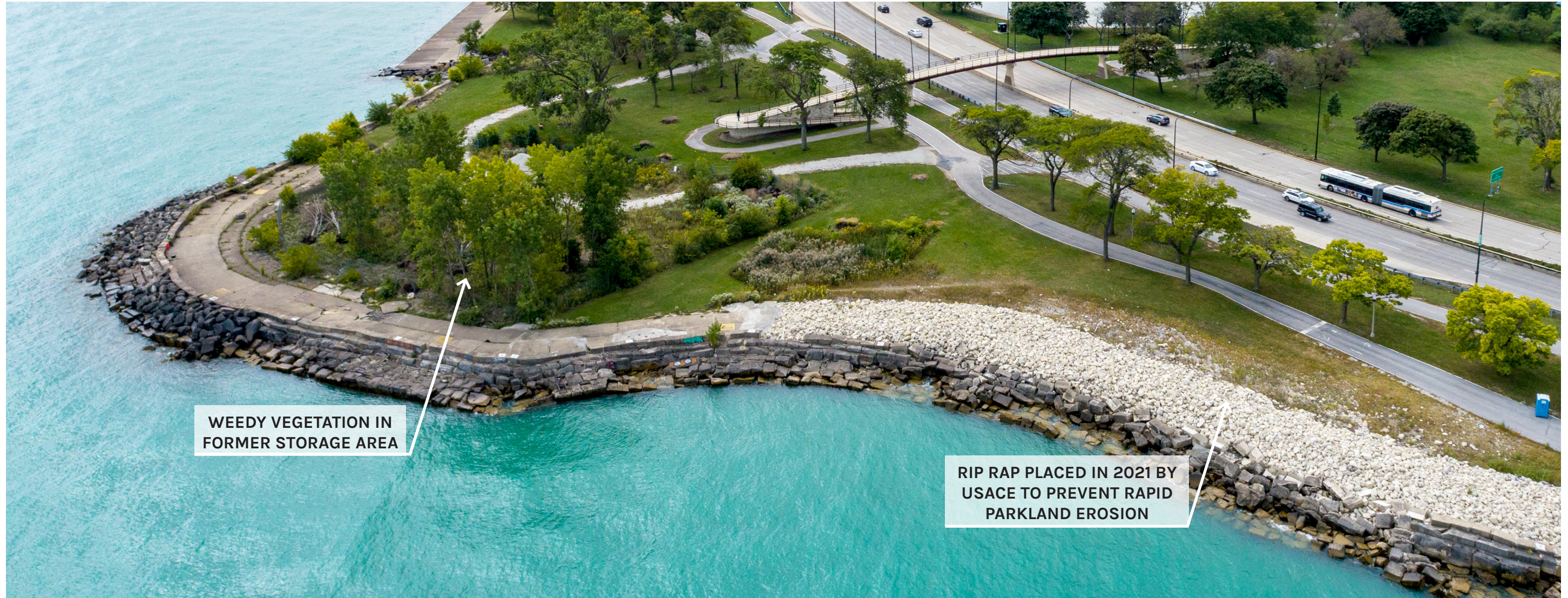
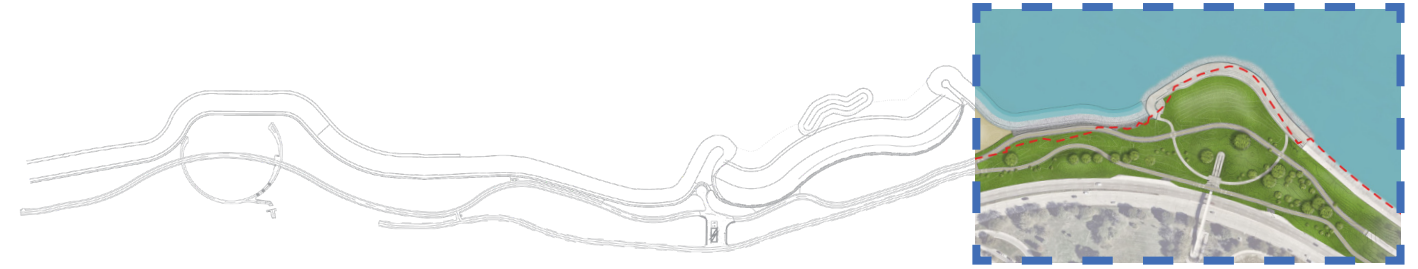
EXISTING SITE SECTION



PROPOSED SITE SECTION



51st STREET EXISTING CONDITIONS

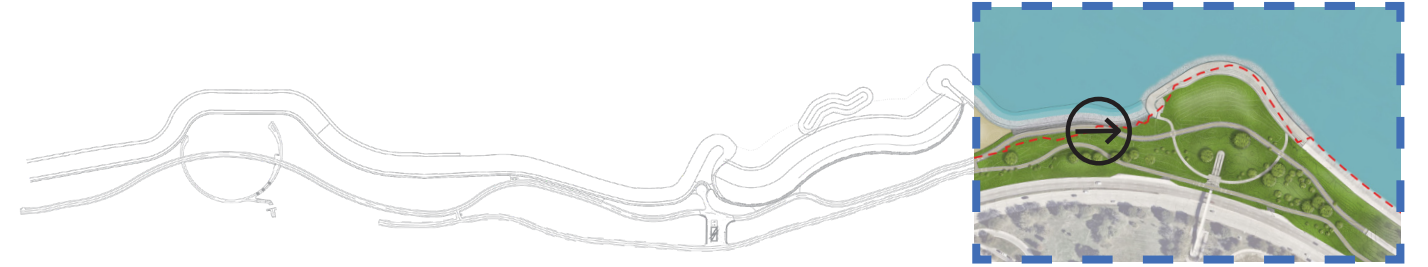


WEEDY VEGETATION IN
FORMER STORAGE AREA

RIP RAP PLACED IN 2021 BY
USACE TO PREVENT RAPID
PARKLAND EROSION

Deteriorated landscape at the landing of the existing 51st Street pedestrian bridge and rip rap for temporary erosion protection.

51st STREET (LOOKING SOUTH) PROPOSED DESIGN - VIEW 4



The accessible overlook to the water connects to the existing concrete revetment south of the project area



NATURAL RESOURCES
CHICAGO PARK DISTRICT

PROPOSED ENHANCED NATURAL AREAS

No in water work November 1st - April 30th for Mudpuppy protection



**MORGAN SHOAL
AQUATIC HABITAT**



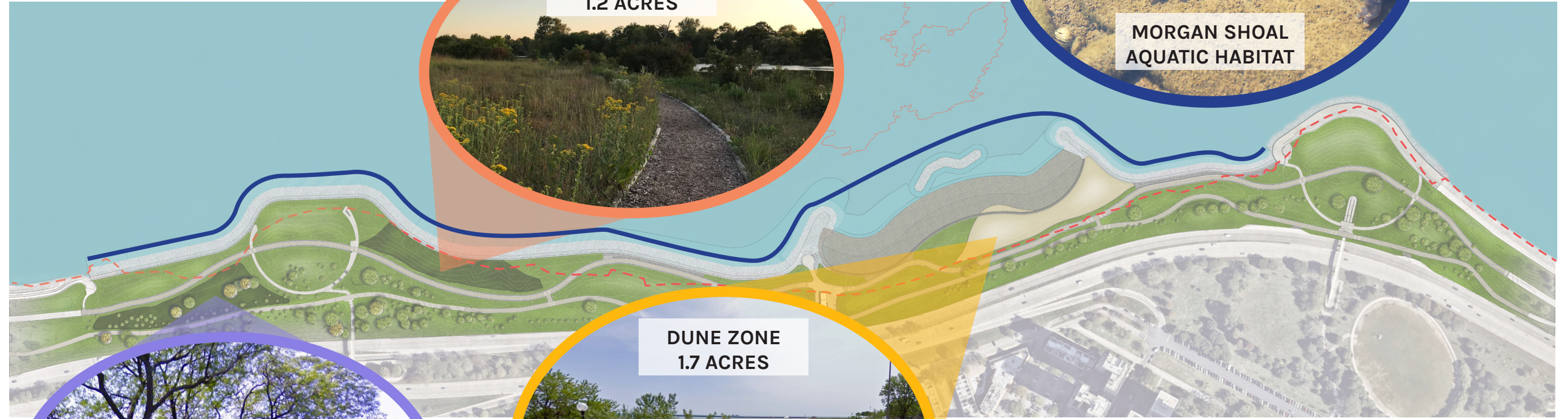
**PRAIRIE ZONE
1.2 ACRES**



**DUNE ZONE
1.7 ACRES**



**SAVANNA ZONE
1.4 ACRES**



	Conventional Parkland (Lawn with Shade Trees)		Native Plantings	
	Absolute area (acres)	% of total area	Absolute area (acres)	% of total area
2015 Framework Plan	5.0	26%	14.5	74%
Proposed Alternative	15.2	78%	4.3	22%

TREE PRESERVATION

No trees to be cut during migratory bird season



Trees to remain and be protected (315)



Of the (52) trees to be removed:

- 3 are in good condition
- 7 are in fair condition
- 18 are in poor condition
- 24 are small, immature trees



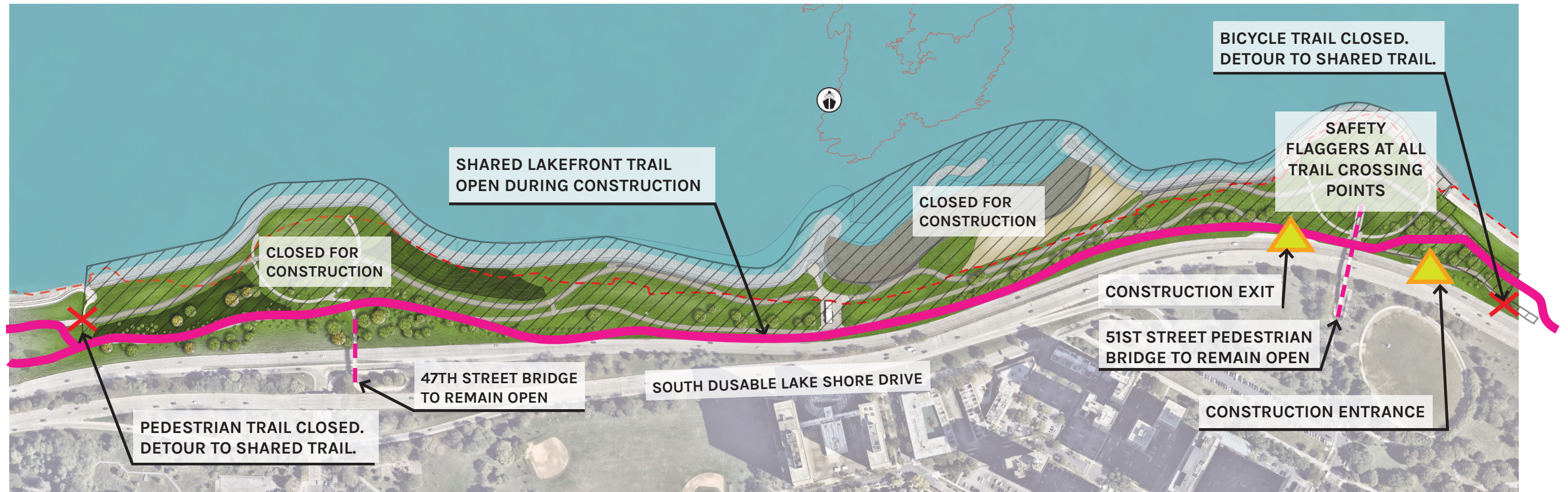
Approximately **149 new trees** with 3" diameter trunks will be planted to replace the trunk diameter of trees removed (sum of 447 inches)

An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

CONSTRUCTION PLANNING AND LOGISTICS

PUBLIC BUILDING COMMISSION

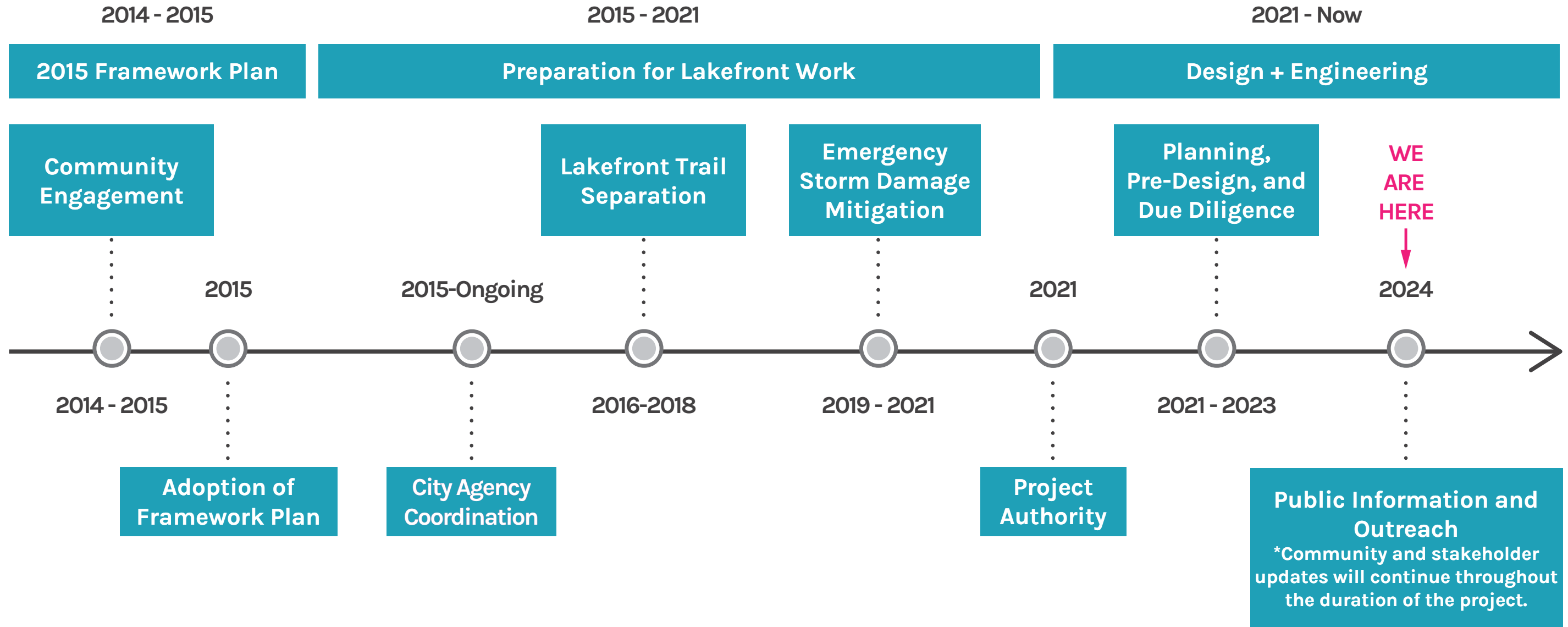
CONSTRUCTION PLANNING AND LOGISTICS



ADDITIONAL CONSIDERATIONS

1. Maintain Shared Bicycle / Pedestrian throughout Construction
2. Defined work areas
3. Establish specific Phasing and Logistics for Construction
4. Establish and Maintain Specific Construction Work Restrictions
 - Shoreline Work: November 1st through April 30th
 - Tree Work: April 1st through September 30th
 - Landscape Planting: Species specific, generally Spring or Fall

PROJECT SCHEDULE TO DATE



LET'S TALK

We want to hear from you! Please visit the team at the different stations and share your thoughts.



1 LET'S TALK ABOUT
COASTAL PROTECTION

4 LET'S TALK ABOUT
SUSTAINABILITY & REUSE

2 LET'S TALK ABOUT
VISITOR EXPERIENCE

5 LET'S TALK ABOUT
CONSTRUCTION LOGISTICS

3 LET'S TALK ABOUT
NATURAL RESOURCES

6 LET'S TALK ABOUT
GENERAL INFORMATION

THANK YOU

We appreciate the active participation and care for the project.
Please submit comment cards to the General Information Station.

For more information, please contact
PBC@PBCChicago.com or call (312) 744-3090
www.pbcchicago.com/projects/morgan-shoal-project





DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
COMMENT/QUESTION CARDS				
CATEGORY-1: COASTAL PROTECTION				

1	Campbell, Timothy	ticampbe@gmail.com	The plans appear to show an abundance of sloped stone that will be a barricade to lake access. Why cant we have stepped stone instead? The community has said loudly and clearly that they do not want concrete revetment and they do not want to lose access to the water all along this reverment path. Why does the plan include more concrete revetment and emilinate water access except in one small area?	PBC, CDOT, CPD, USACE
2	Grosse, Mike	mrg_0r@yahoo.com	Is there a real work example of the revetment that someone can take a look at?	PBC, CDOT, CPD, USACE
3	Mensah, Betsy	bmcgurkmensah@hotmail.com	Use the big limetome blocks close to the water, as they are now. People sit on them, dangle their feet in the water, sit behind them for shade, lie on them, climb on them. What will become of the natural pebbles and rocks that are currently on the beach. They may have been brought in 100 years ago, but are now indigenous. Please collect and reuse them.	PBC, CDOT, CPD, USACE
4	Vollmer, Christine	clvollmer55@gmail.com	Sloped stone revetment to be used in this morgan shoal plan prevents a person strolling along the lakefront. No other section of chicago lakefront has this rubble (maybe south of LaRibida, not sure) BUT we should put a step stone revetment that can be walked along w/ safety. Slope stone revetment is too much like rip rap.	PBC, CDOT, CPD, USACE



CDOT



US Army Corps of Engineers



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
5	Anonymous			The proposed pebbled are very different than the current ones. How will the current pebbles be retained and integrated.	PBC, CDOT, CPD, USACE
6	Anonymous			Other examples of dynamic revetments? More details of what dynamic revetments are constructed of?	PBC, CDOT, CPD, USACE
7	Anonymous			[NOTE: THIS COMMENT WAS MRW WRITTEN NOTES FROM ONE OF THE VERBAL Q&A COMMENTS] Maintenance! Illinois Beach State Park (gold standard) Why not do the same at Morgan Shoal? Cosy quiet, elevation difference prefer more height difference.	PBC, CDOT, CPD, USACE
8	Grogan, Colleen			Where the concrete ends we would like some high points to be able to look down on the pebbles below. Please consider material other than concrete. Please provide cost/benefit of oncrete vs. other sustaiable materials. Thank you!	PBC, CDOT, CPD, USACE
	CATEGORY-2: VISITOR EXPERIENCE				



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
9	Englert, Amanda	Advocates for Morgan Shoal	xipamanen@hotmail.com	IF you look down the shoreline on any given day, people are clustered in more organic, natural, mild spaces. This design feels like a missed opportunity to honor(?) a singular space with a unique solution. This flattens/homogenizes an incredibly biodiverse space. my question is why?	PBC, CDOT, CPD, USACE
10	ElMaat, Tchiya	AstMaata Ji Temple	tchiyaamet@gmail.com	You say you want to preserve native plants and animals. WHAT ABOUT HUMANS THAT SWIM THERE? This is the ONLY place we can swim in Natural environment in chicago. You are IGNORING our need to swim there. Why must you destroy this natural beauty? Why not take an area that needs love and pain that once paved it will be destroyed we dont want you here. Go destroy your own home. We like to swim there.	PBC, CDOT, CPD, USACE
11	Kass, Bob		boblkass@yahoo.com	Does the plan include replacing limestone with concrete? If so, why? The point attracts many more people with limestone than the concrete shoreline structures.	PBC, CDOT, CPD, USACE
12	Scott, Martha			Lots of bike racks - at each <i>road</i> and at the comfort station.	PBC, CDOT, CPD, USACE
13	Vazquez, Juan		juan@juanvazquez.com	how will this project impat the shipwreck of the silver spray? Will it still be accessible for scuba?	PBC, CDOT, CPD, USACE



US Army Corps of Engineers



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

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Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
14 Voss-Allen, Laura		lvossallen@yahoo.com	Please simply fix up and MAINTAIN current comfort station. Current design is over the top. A bike rack would be nice. The current pebble beach feels like a retreat from the city. I understand the shoreline needs repair, but other than MAINTAINING the current comfort station and adding wheelchair access, please leave the area alone. Residents needs this retreat. We do not need a tourist attraction. Leave that for downtown. Currently at the currently pebble beach you can lay on large rocks and let the water wash over you. Will rocks such as these still be there and allow for this same opportunity for relaxation? Design is over the top. Turning the area into a tourist attraction. Less is more. Just preserve existing comfort station. Living in an urban area, we need to retain some roughness, remoteness, and adventure. This plan takes away all of that. We need wilderness.	CPD
15 Kelly	University House	friendlkelly@yahoo.com	Messy blocks, scather some of the huge limestone blocks on the pebble beach. Think organic and not so manicuted <3 We are lucky to have SmithGroup - community lead of design	



CDOT



US Army Corps of Engineers



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1

2/22/2024

Project No.:

22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
16 Jonathan		jdpereira@yahoo.com	<p>This appears to be another design to keep people from swimming in the lake. If you have observed how people use it, you know that people (and dogs) go in between 49th and 51st. Your design looks to deliberately cut off access to swim just north of 51st street brige... one of the more popular places to hangout and swim. Consider extending the length of the "dynamic" shore north. Why not more breakwaters? Would this allow for more dynamic stone? Thus increasing accessibility. Consider a bern BTW. LSD and bike path, even 3ft would help with sounds. You need photo examples or what "sloped stone revetment" looks like. Rendering are unclear. Remember that people love the wilderness of this <i>station or site</i>, especially the way it has naturally eroded. An engineered look brings sadness and sterility with it. What is "armor stone?" When doing natural area work, please do not cut down mature cottonwood trees. No more "bathtub" shoreline; this portion of the lake should remain accessible by foot. People should be able to touch, wade, enter water. NO TERRACED CONCRETE. Flat wall bathrub/terrace is bad for habitats, boating, access, and doesnt reduce wave action. LOW SLOPE shomezines DO! Glad this appears to be a part of it...not solution much yet until we get to make a closer look at designs. Keep the deep water area just north of the 51st st. point. My favorite spot on the lakefront. It is the only place to safely jump in. Unless your bathtub design allows for it? guessing not.</p>	
17 Anonymous			<p>Sloped stone access to water. Heights of edge of water varies. Dog access to water for access in and out of water. No life guards at pebble beach. Concrete Section: alternative to the existing. Linear footage environmental concerns disability users consulted for where and type of access</p>	
18 Anonymous			<p>[NOTE: THIS COMMENT WAS MRW WRITTEN NOTES FROM ONE OF THE VERBAL Q&A COMMENTS] Any users behavior study? Did you study what people are doing?</p>	



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
19	Anonymous			[NOTE: THIS COMMENT WAS MRW WRITTEN NOTES FROM ONE OF THE VERBAL Q&A COMMENTS] Preference for Cosy & quiet, Can you provide some greater elevation difference to block noise from DLSD.	
20	Anonymous			Why can you survey and report on mudpuppies but cant do a parallel study on the humans who use the space and how they use it?	
21	Anonymous			Will the public be able to (in most weather) walk on top of the sloped stone? It looks like ti was designed purposefully to prevent foot traffic.	CDOT



LAMONT J. ROBINSON
4TH WARD ALDERMAN



CDOT



US Army Corps
of Engineers



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
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22 Anonymus

Have marine biologists reviewed for preservation and aquatic habitat for all nature species? Please NO CONCRETE by the water! More bike racks. Fewer or no jetskis. We would like to be able to walk by the waters edge from 55th to 31st . Continuous path, right at the edge. Keep high visual barrier behind pebble beach/dynamic revetment - so LSD is not visible from the beach.

USACE, CPD



CDOT



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
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23 Anonymous

I really appreciate the rugged natura of the shore and pebble beach. If the goal to keep the natural habitat, then why does the plan look so smooth and manufactured?

CDOT, USACE, CPD

24 Anonymous

Car illegally accessing the lake path. Can it be prevented?

CPD

25 Anonymous

Bike rack; quadruple quantity. Open year round restrooms. Steepness of lake from walkable area. What are the harm reduction strategies in place for people who will use the water?

CPD



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
26	Abby	Save the Point Again!	abionsky@gmail.com	ADA access to water @ "dynamic revetment"? Need to be way more bike racks. Comfort station should be open year-round. Where are we supposed to swim during construction? Need infrastructure that prevents cars accessing LPT from DLSD. Can't rely on "it's illegal." Timing of tree planting is crucial. Winter planting -> dead trees.	CPD
27	Rosa		singadela2000@yahoo.com	We like an organic (messy) look, as natural as possible. We like the enclosed and secluded feeling of pebble beach. We like to swim outside from the beach (different points) water. We'd like to have access points too.	CPD
28	Stanley, Isaac		analyst215@aol.com	Will the shoal and boiler be clearly marked with navigation aids (bouys, etc) for boaters - particularly power boaters and jet skis	CDOT, USACE
CATEGORY-3: NATURAL RESOURCES					



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
29	Sampson, B		beth@poetrycontral.org	What is the anticipated aquatic life destruction with this project overall? At 49th? What is the anticipated avian life loss with the project overall?	PBC, CDOT, CPD, USACE
30	Wagenseil, Pierre		pwagenseil@gmail.com	What is the advantage of all the lawn area? Can the natural meadow areas be bigger? Thanks for your hard work!	CPD
31	Anonymous			I would still like to see more native plant areas. Less lawn area and more trees.	CPD
32	Steph		stephmusicamente8@gmail.com	Way too much turf grass, which has zero ecological value. Surely there are native plants for picnic area, etc.	CPD



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
------	--------------	-------	---------	--

33 Pereira, Daniella

dkzanin@yahoo.com

The only places where infrastructure did not fail on the lakefront is where existing large trees are standing. Please don't cut this. What is the recreation intent for pebble beach? 53rd street area should stay more natural and less manicured as there is a lot of habitat there now. Lots of wildlife there too with layered habitat - shrubs, trees, etc. I would like to have a greater height difference than just 4' between where the water hits pebble beach and where the height is of LSD. We need the noise and sight of LSD blocked to make and keep the cozy feel.

PBC, CDOT, CPD, USACE

CATEGORY-4: SUSTAINABILITY & REUSE

34 Hass, Deb

debora.a.hass@gmail.com

it seems that concrete at the 51st = choice. I understand desire for accessibility, but is concrete the only way. What about the impact of concrete on people - our neighbors to the SE are opposing growth of concrete manufacturing for good reason. What alternatives did you consider? Why did you reject them?

PBC, CDOT, CPD, USACE



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
--	------	--------------	-------	---------	--

35 Swislow, Bill

bill@swislow.com

Is there a plan for reuse of odd-shaped blocks that host some of the best carvings? That is, they may not be appropriate for step stone use. A lot more than several blocks have unique carvings. There are more than 1,000 carvings along Morgan Shoal. At least 200 blocks host carvings of note.

PBC, CPD, USACE

36 Anonymous

why not use limestone as it is sustainable and worked for many decades? Why do we need lawn? Why do we need more land infilled?

PBC, CPD

CATEGORY-5: CONSTRUCTION LOGISTICS

37 Scalette, Vince

vincenzoscalette@gmail.com

What is the timeline to finish the project? How much does the remaining project cost? Is there any alternative to protect against water damage?

PBC



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
38	Anonymous			No explanation of proposed timeline was given. Will this area be fenced and closed for 5 years? Even in the winter with no construction? When will we see timeline complete with community input injunctures?	PBC
39	Anonymous			[NOTE: THIS COMMENT WAS MRW WRITTEN NOTES FROM ONE OF THE VERBAL Q&A COMMENTS] Will there be a local hiring agreement.	PBC
40	McLemore, Angela	IL Senate (Senator Mattie Hunter)	mclmoreangela548@gmail.com	Diversity and inclusion in this project is of great importance. When will the REP come out to the public? Our office must receive it also. Are the buildings across from the shoal in danger of being affected by erosion of land? Have the next meetings been scheduled? And if so, where can we find that information?	PBC
CATEGORY-6: GENERAL INFORMATION					
41	Anonymous			Is this about protecting DSLD? No, right? Then stop talking about it. We only care about the park when you talk about the highway. It feels like that's the real purpose. That does not build community trust.	PBC, CDOT, CPD, USACE



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
42	Gerschick, Tom	Resident and Frequent Shoal User	tomgershick@yahoo.com	Why is there NO natural shoreline in the plan? This is unacceptable. Why has this plan gotten as far as it has without askign for community input? Why doesn't this plan account for low lake levels? Why must pebble beach be destroyed?	PBC, CDOT, CPD, USACE
43	Hammond, Debra	Promontory Point Conservancy	dhammond4761@gmail.com	Has this been presented to the State Historic Preservation Office? If not, why not? When are you intending on obtaining that agency's input and involement? Why have you waited so long to get them involved? Why waste all of this money and time when SHPO may require costly changes? Would you please add Promontory Point Conservancy to the NEPA stakeholder list? We wish to participate.	PBC, USACE
44	Holiday, Darryl		diaholliday@gmai.com	I think the plan is great. Don't mind haters too much. Lets get this done and make it the best plan possible.	PBC
45	Lipinski, Mike		mlipinski@donnellyharris.com	When will new limestone blocks be installed at the Promontory Point	CDOT, CPD
46	Miller, Ward	Preservation Chicago	wmiller@preservationchicago.org	Hoping you can save more of the 347+ to be cut. Also, please give great care to promontory point and the repair of the limestone revetments.	PBC, CPD



CDOT



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
--	------	--------------	-------	---------	--

47 Reyes, Karen

Advocates for Morgan Shoal

karonibr@gmail.com

How will you address the environmental problems associated with concrete? It's incredible poluting. Limestone is sustainable and doesn't add to environmental racism and even acidifying the water as concrete might. Open water swimming is a growing sport/activity with health benefits constantly being discovered. Chicago has almost no wild swimming spaces. How will this important sport/outdoor activity be protected? Pebble beach changes dramatically and daily. People who use it daily and year round have not been tapped as citizen scientists for their intimate knowledge of this area and its patterns. Why do you think our powerful lake will not continue to adapt and evolve.

PBC, CPD

48 Spicer, Jack

Advocates

J0ckspicer@rod.net

What percentage of the morgan shoal lake edge will be walkable by people? MAKE IT STEPPED STONE... Why have you not initiated contact with SHPO? Why not work with them?

PBC, CPD, USACE, CDOT



US Army Corps of Engineers



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
49	Stamets, Bill		bstamets@igc.org	Does condemning property give you more leeway to demolish and replace revetment? Why did the earlier lakefront plan to repair, restore limestone revetment get replaced by using concrete	PBC
50	Huu	Advocates for Morgan Shoal	huuzinha@gmail.com	Where or how for a long are you on the NEPA checklist? Where can we access that info as it pertains to this project? Have you revisited the revetment at 51st-54th? It's always flooded every time it rains. Can community have access to the timber from trees that get removed during construction?	PBC, CPD, USACE
51	Anonymous			Why didn't you ask us to write questions while RSVPing? That way you would already have a sense of community. Is it possible to get all of our written collections collected and have a mass email sent to the community about the questions? And then hold a follow up meeting meant to address the questions risen? Do you really care about our input?	PBC
52	Anonymous			How will the city control the migration of the shoreline rodent population from infesting residential properties? Will the shipwreck be highlighted under this plan (silver spray)	PBC, CPD, CDOT
53	Anonymous			Parkway Access? Enough to handle increased use?	PBC, CPD



CDOT



US Army Corps of Engineers



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #1 2/22/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
54	Anonymous			We need a bigger and safer barrier to the highway! A car almost went in the lake recently! In most areas there is almost no protection in the park.	PBC, CDOT, CPD
55	Williams, Maurice		mauricewilliams213@yahoo.com	Are you guys doing the morgan shoal plan? If not then who??	PBC
56	Wlodaver, Jonathan			At what stage of design currently in?	PBC

MORGAN SHOAL COMMUNITY UPDATE



[Link to PBC Project Page](#)

PROJECT 22703: CHICAGO SHORELINE PROTECTION PROJECT
45TH STREET TO 51ST STREET (MORGAN SHOAL)
REVTMENT RECONSTRUCTION

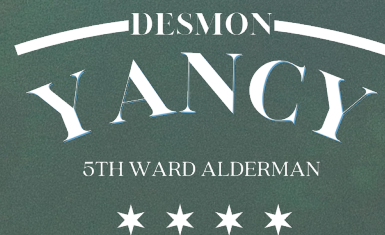
March 21, 2024

5:00 - 7:00 PM

Presentation & Q+A



LAMONT J. ROBINSON
4TH WARD ALDERMAN



US Army Corps
of Engineers



WELCOME

PRESENTATION AGENDA

1. Introduction

Alderman Lamont J Robinson, 4th Ward

Alderman Desmon Yancy, 5th Ward

Ray Giderof, PBC

2. Recap from 2/22 Community Update

Ray Giderof, PBC

Kerl LaJeune, PBC

3. What We Heard

Ray Giderof, PBC

Mark Wagstaff, SmithGroup

Heather Gleason, CPD

4. Next Steps

Ray Giderof, PBC

5. Q+A

Adjourn

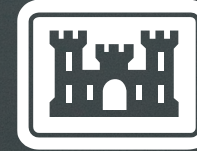


AGENCY STAKEHOLDERS

Public Building Commission of Chicago



Chicago Park District



US Army Corps
of Engineers

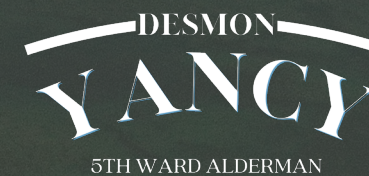
US Army Corps of Engineers



Chicago Department of Transportation



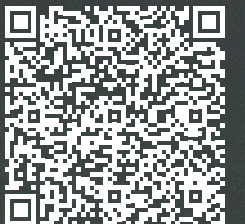
4th Ward



5th Ward



Link to PBC



An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

RECAP FROM 2/22 COMMUNITY UPDATE

RAY GIDEROF, PBC + KERL LAJEUNE, PBC

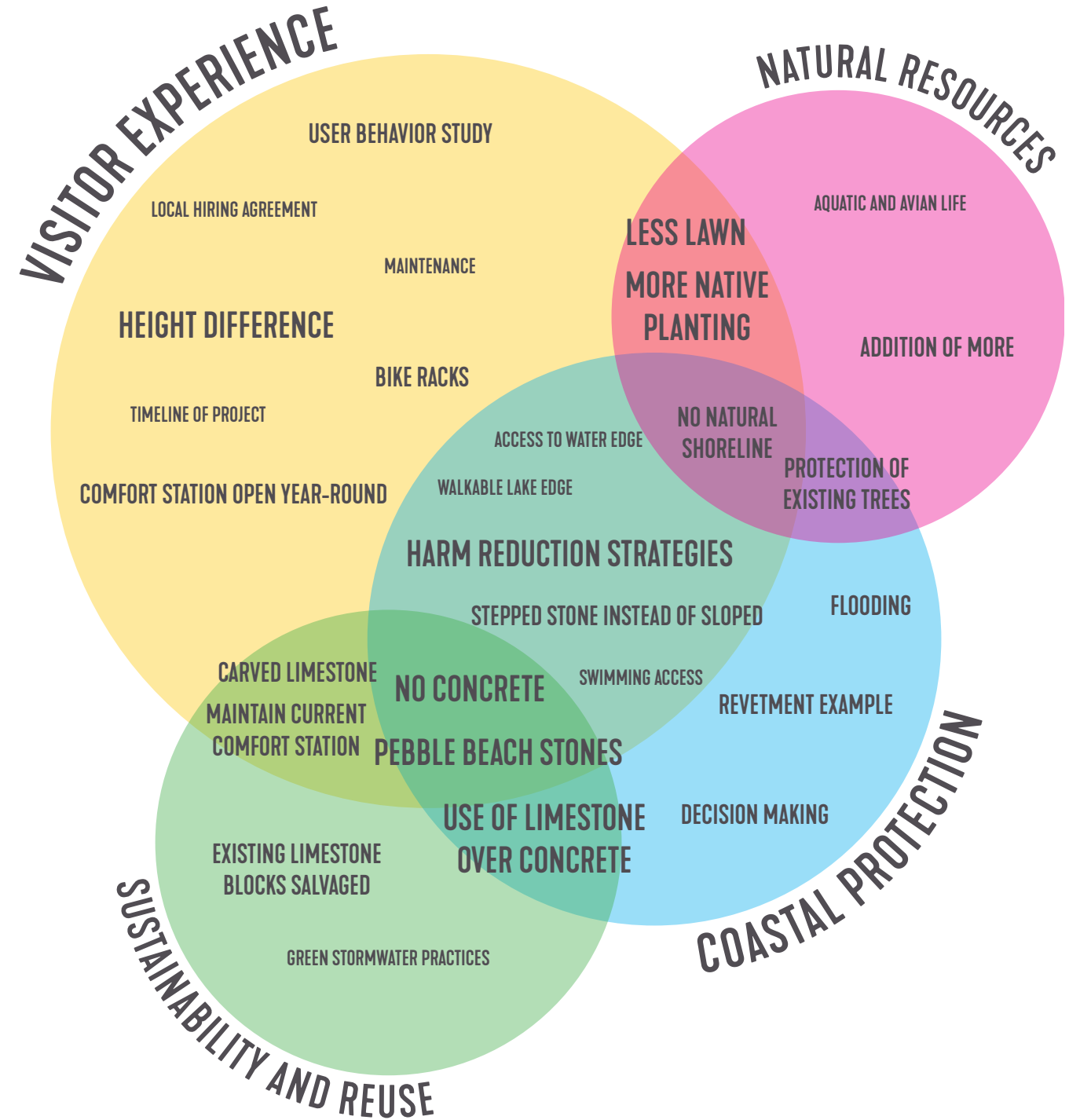
Last Public Information Meeting 2/22/2024



KEY TOPICS FROM 2/22



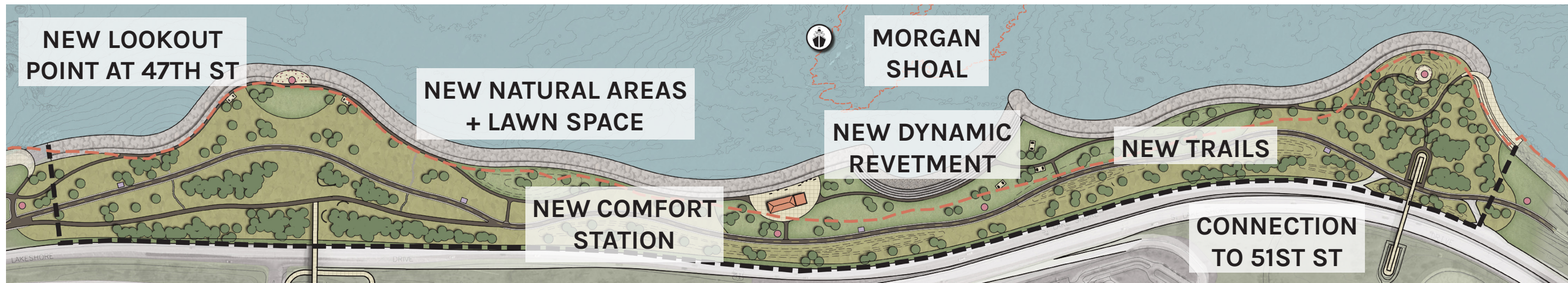
Robust verbal Q+A discussion



CURRENT PROJECT STATUS

2015 FRAMEWORK PLAN

Link to PBC



PRELIMINARY DESIGN

An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

WHAT WE HEARD: GENERAL INFORMATION

RAY GIDEROF, PBC



6

LET'S TALK ABOUT GENERAL INFORMATION Public Engagement Process



"What state of design are you currently in?"

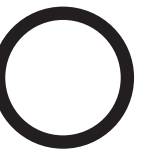
"Why didn't you ask us to write questions while RSVPing?"

"Do you really care about our input?"

"Have the next meetings been scheduled? And if so, where can we find that information?"

"Why has this plan gotten so far as it has without asking for community input?"

- Project sponsors care deeply about the community's input. Intent is to present the proposed project to the community first, then solicit input.
- Project anticipates at least 2 additional community meetings and will be announced through the PBC website



6

LET'S TALK ABOUT GENERAL INFORMATION

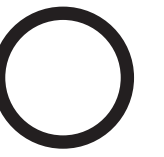
Maintenance



Jackson Park Bobolink Meadow

"Maintenance?"

Ongoing maintenance of the project, which will be solely a Park District responsibility, has been a key consideration during preliminary design.



6

LET'S TALK ABOUT GENERAL INFORMATION

Nearby Residences



"Are the buildings across from the shoal in danger of being affected by erosion of land?"

No buildings on the west side of Jean-Baptiste Pointe DuSable Lake Shore Drive are in danger of erosion.



6

LET'S TALK ABOUT GENERAL INFORMATION NEPA Process



Aerial of Morgan Shoal project area

"Where or how far along are you on the NEPA checklist? Where can we access that info as it pertains to this project?"

"Why waste all of this money and time when SHPO may require costly changes?"

"Why have you not initiated contact with SHPO? Why not work with them?"

"Has this been presented to the State Historic Preservation Office? If not, why not?"

"When are you intending on obtaining that agency's input and involvement? Why have you waited so long to get them involved?"

- Present to the community first and then initiate the subsequent consultation with SHPO
- USACE sought and received input from resource agencies, tribes, and the public as part of the NEPA scoping process in 2022
- Per NEPA regulations, the Draft Supplemental Environmental Assessment must be published for public review prior to finalization

6

LET'S TALK ABOUT GENERAL INFORMATION

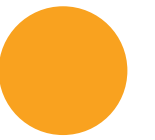
Jean-Baptiste Pointe DuSable Lake Shore Drive



Aerial view of Burnham Park

Is this about protecting DSLED? No, right? Then stop talking about it. We only care about the park when you talk about the highway. It feels like that's the real purpose. That does not build community trust.

The project is a joint effort between the City and the USACE, and has multiple objectives including to prevent land loss and to reduce storm-related damages. Part of the Federal Benefit/Cost justification for the project are the transportation benefits accrued from protecting JBPDLS. The City and Park District are committed to implementing a solution which benefits all Chicagoans and park visitors.



6

LET'S TALK ABOUT GENERAL INFORMATION

Lake Fill



49th St lakefront during a 2019 storm

"Why do we need more land infilled?"

The proposed increase in parkland at the narrowest portions of the park allows for safer Lakefront Trail arrangement, improved stormwater management, increased space for natural habitat and trees, and reduced noise from Jean-Baptiste Pointe DuSable Lake Shore Drive at the lake edge.

6

LET'S TALK ABOUT GENERAL INFORMATION

Promontory Point



Aerial view of Promontory Point

"When will new limestone blocks be installed at the Promontory Point?"

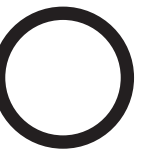
"Also, please give great care to Promontory Point and the repair of the limestone revetments."

Promontory Point is **not part of the scope** of the Morgan Shoal project (45th - 51st Street), but the comment is noted.

An aerial photograph of a coastal city, likely Chicago, showing a multi-lane highway running parallel to a green park area and a large body of water. The city skyline is visible in the background under a hazy sky. The text 'WHAT WE HEARD: COASTAL PROTECTION' is overlaid in large, bold, white capital letters across the center of the image.

WHAT WE HEARD: COASTAL PROTECTION

MARK WAGSTAFF, SMITHGROUP



1

LET'S TALK ABOUT COASTAL PROTECTION

Revetment Examples

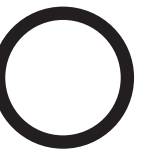


Loyola University Armor Stone Sloped Stone Revetment

"Is there a real work example of the revetment that someone can take a look at? "

"You need photo examples or what "sloped stone revetment" looks like"

- Loyola University has an armor stone revetment in place
- 31st Street Harbor's offshore breakwater is another example of construction with large stone



1

LET'S TALK ABOUT COASTAL PROTECTION Revetment Examples



Sloped Stone Revetment



Stepped Stone Revetment



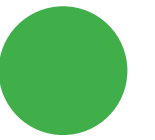
Stepped Concrete Revetment



Offshore Breakwater



Dynamic Revetment



1

LET'S TALK ABOUT COASTAL PROTECTION

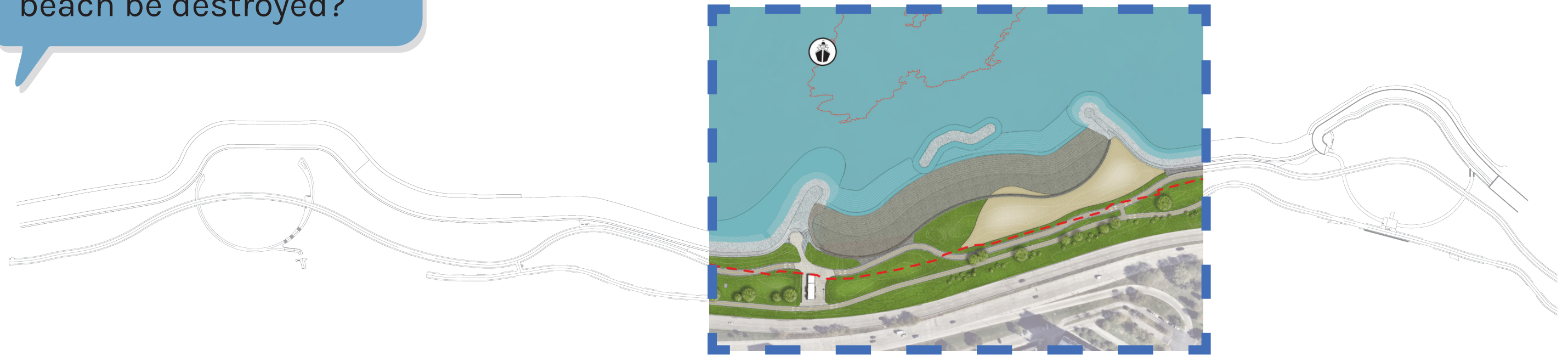
Pebble Beach Dynamic Revetment

"Other examples of dynamic revetments? More details of what dynamic revetments are constructed of?"

"What will become of the natural pebbles and rocks that are currently on the beach. Please collect and reuse them"

"LOW SLOPE shorelines DO! Glad this appears to be a part of it"

"Why must pebble beach be destroyed?"



1

LET'S TALK ABOUT COASTAL PROTECTION

Pebble Beach Dynamic Revetment



Keweenaw Peninsula, Lake Superior

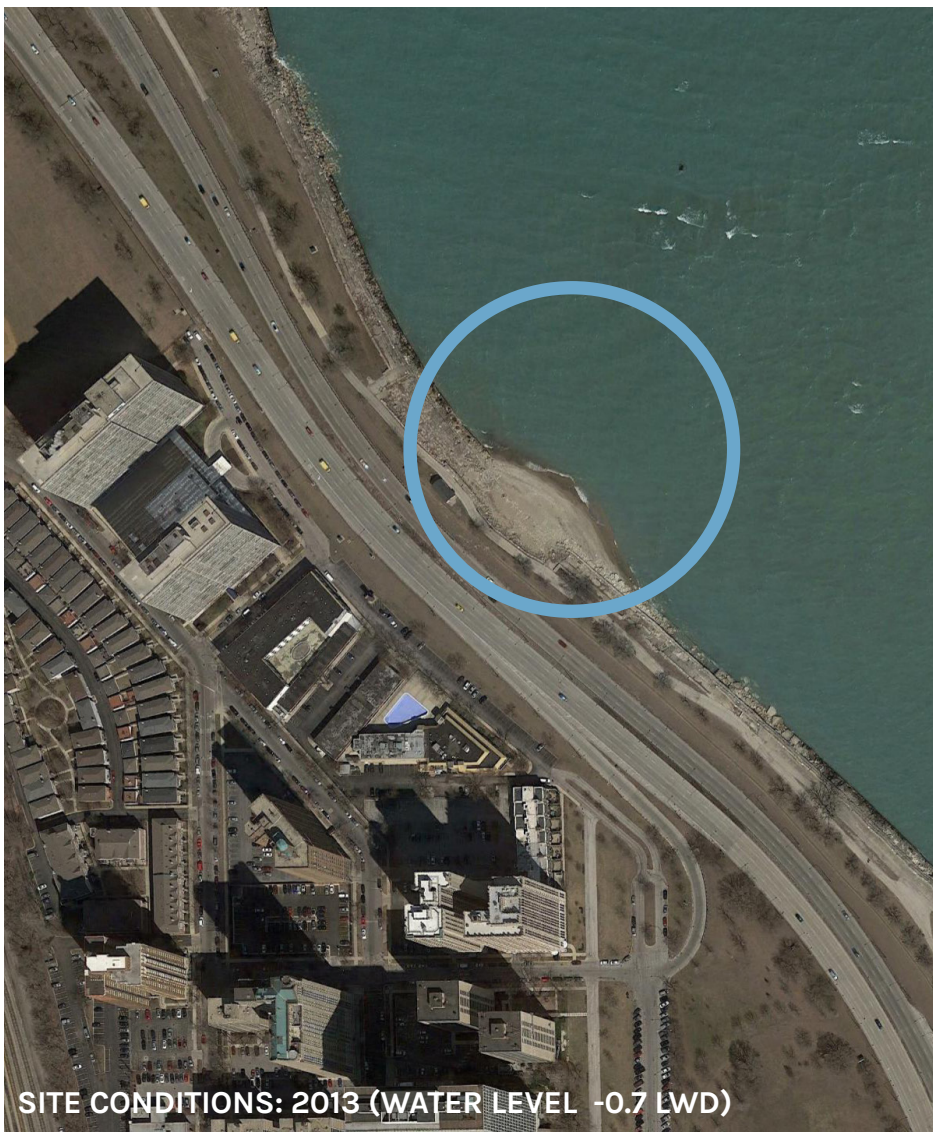
- A dynamic revetment differs from a typical revetment primarily:
 - has a shallower slope
 - uses much smaller material
 - undergoes some re-shaping resulting from waves
- The dynamic revetment replicates a natural cobble beach
- All available existing pebbles will be salvaged and added to the new 1- to 5- inch cobbles. The new structure will be much bigger than the existing pebble area



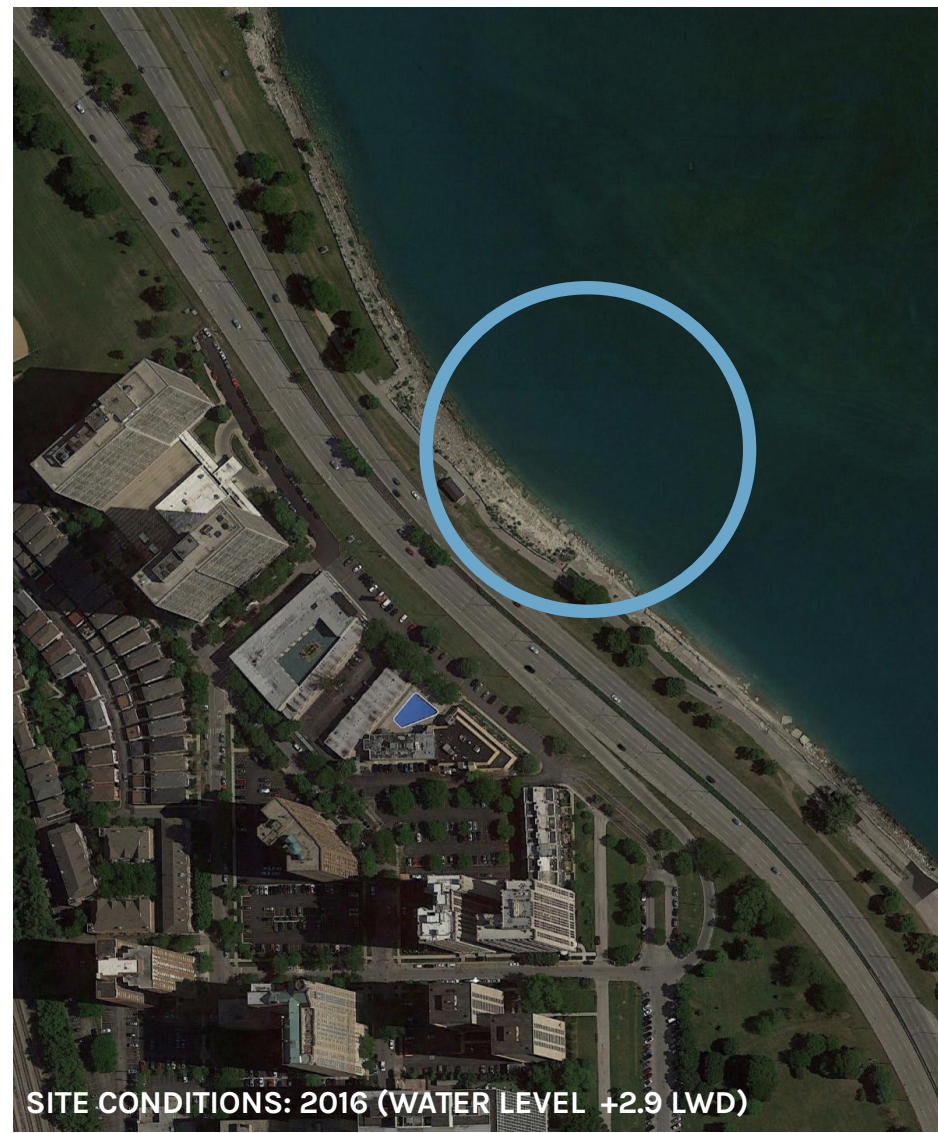
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LET'S TALK ABOUT COASTAL PROTECTION

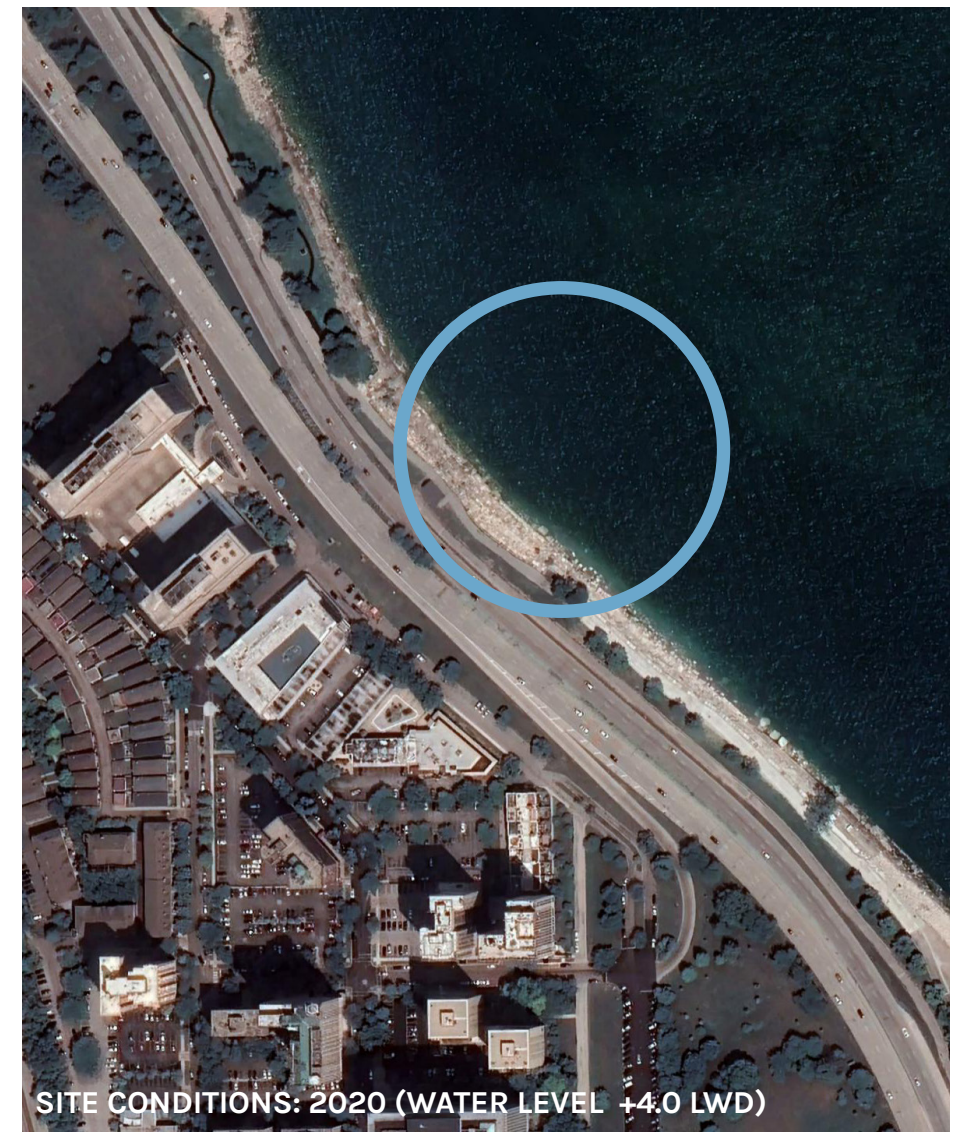
Pebble Beach Dynamic Revetment



SITE CONDITIONS: 2013 (WATER LEVEL -0.7 LWD)



SITE CONDITIONS: 2016 (WATER LEVEL +2.9 LWD)



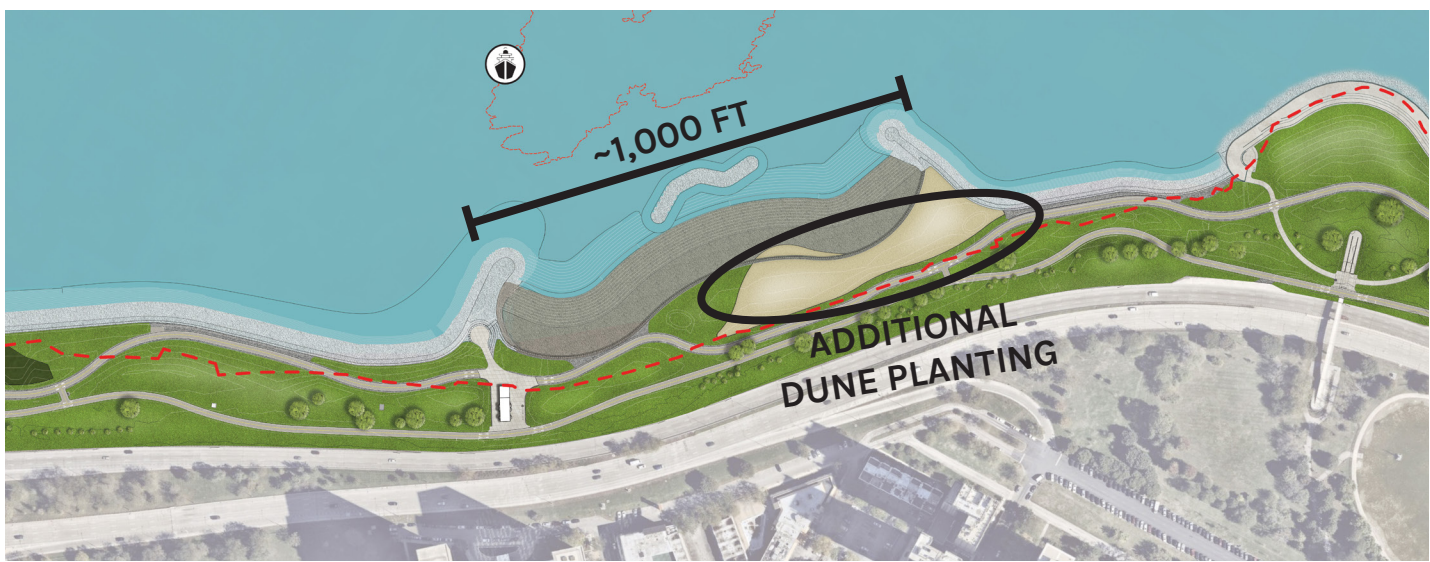
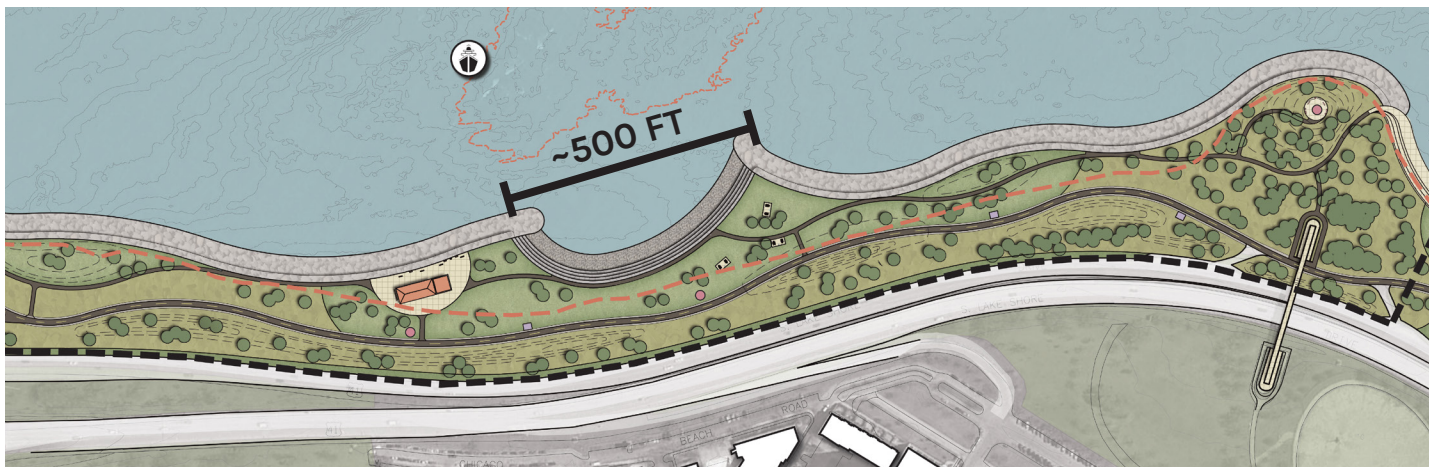
SITE CONDITIONS: 2020 (WATER LEVEL +4.0 LWD)



1

LET'S TALK ABOUT COASTAL PROTECTION

Natural Shoreline

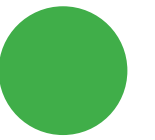


"I really appreciate the rugged nature of the shore and pebble beach...why does the plan look so smooth and manufactured?"

"Why is there NO natural shoreline in the plan?"

"Consider extending the length of the "dynamic" shore north. Why not more breakwaters? Would this allow for more dynamic stone?"

The proposed design is similar to the Framework Plan, with the exception of the **increased size of the dynamic revetment**, and the **addition of the dune planting area**.



1

LET'S TALK ABOUT COASTAL PROTECTION Natural Shoreline



Bender Park, Oak Creek WI

- The graphics utilized in the earlier meeting presentation materials showed an overall concept of the project plan and do not focus on the inherent irregularity of construction with large armor stone and existing salvaged limestone
- The sloped armor stone revetments will have many crevices and interstitial spaces for aquatic organisms to utilize for refuge and foraging



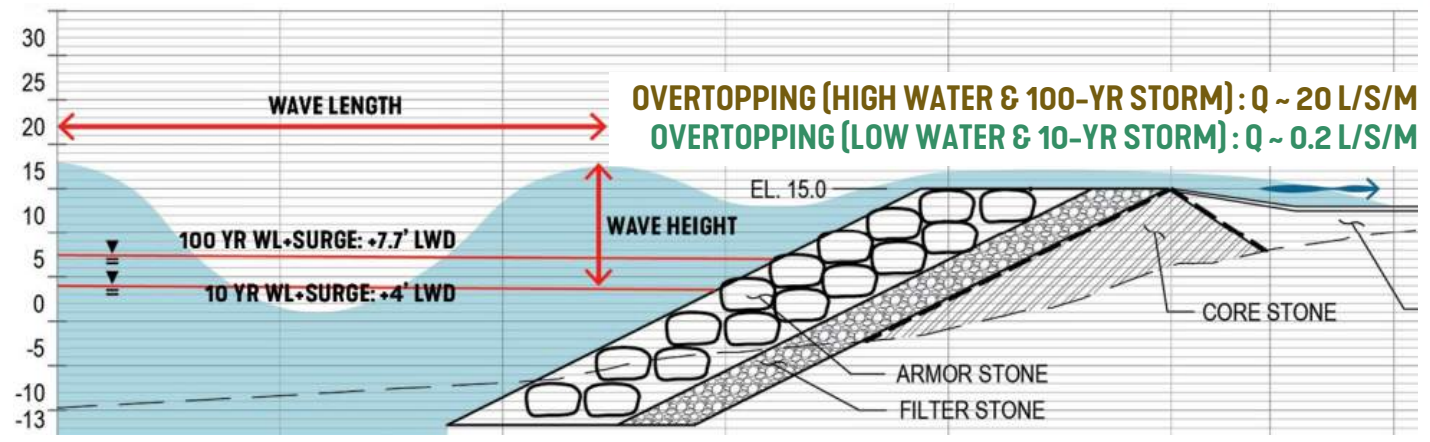
1

LET'S TALK ABOUT COASTAL PROTECTION

Lake Levels



"Why doesn't this plan account for low lake levels?"



- The coastal engineering team has examined a wide range of lake levels from extreme low to extreme high
- Generally, high lake levels govern structure selection, stone sizing, and crest height

1

LET'S TALK ABOUT COASTAL PROTECTION

Stepped Concrete Revetment



Lakefront edge at 51st St terminates without connection to trail

Why not use limestone as it is sustainable and worked for many decades?

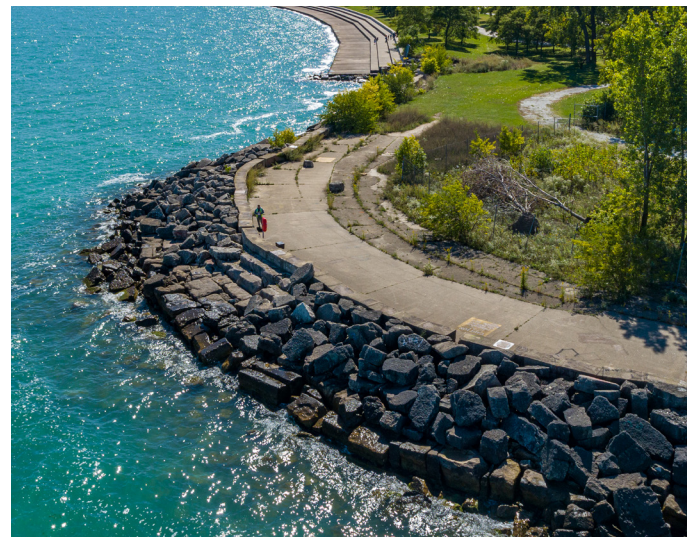
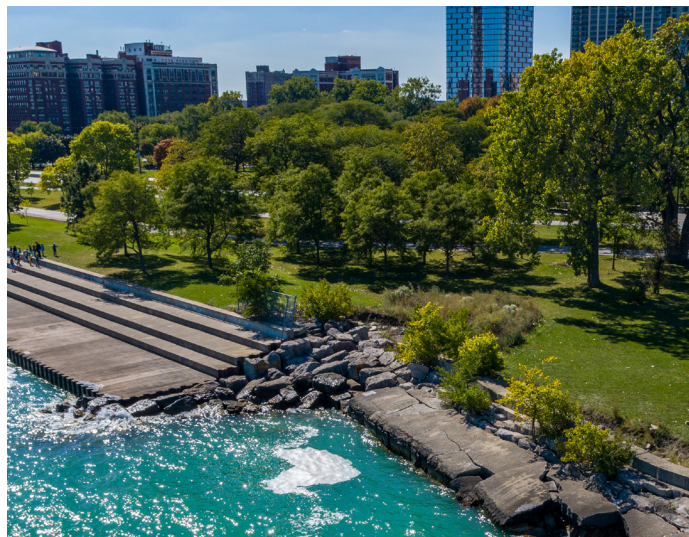
The plans appear to show an abundance of sloped stone that will be a barricade to lake access. Why cant we have stepped stone instead?

"Please NO CONCRETE by the water!"

- Improves existing access to water's edge and is only 15% of the project length
- Illinois Accessibility Code requires a compliant connection to the existing 51st to 54th St Revetment
- Prevent shoreline erosion and loss of park space
- Create equitable access to the lakefront

1

LET'S TALK ABOUT COASTAL PROTECTION Stepped Concrete Revetment



51st St existing concrete installed in 1970 is deteriorated and limits safe pedestrian access to water

- The existing timber crib and limestone structures in this specific project area - which have been substantially repaired and added to several times over their lifespan, have now failed.
- The majority of the proposed shoreline protection for this stretch of lakefront is armor stone revetment (which is constructed from natural stone materials, including limestone) which is a durable solution.

An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a body of water, likely a lake or bay. In the background, a dense city skyline is visible under a hazy sky. The text 'WHAT WE HEARD: SUSTAINABILITY + REUSE' is overlaid in large, white, bold, sans-serif font across the middle of the image.

WHAT WE HEARD: SUSTAINABILITY + REUSE

MARK WAGSTAFF, SMITHGROUP

4

LET'S TALK ABOUT SUSTAINABILITY & REUSE

Stone Carvings



Example of rock carvings along Morgan Shoal

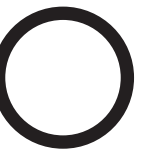
"Is there a plan for reuse of odd-shaped blocks that host some of the best carvings? There are more than 1,000 carvings along Morgan Shoal. At least 200 blocks host carvings of note."

- Limestone blocks that have carvings that are not appropriately sized for use in the stepped revetment can be used elsewhere in the project - for example at nodes where seating is to be provided.
- Design Team to evaluate further opportunities to salvage and reuse other smaller blocks.

An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various walking paths. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

WHAT WE HEARD: VISITOR EXPERIENCE

HEATHER GLEASON, CPD



2

LET'S TALK ABOUT VISITOR EXPERIENCE

Pedestrian Access

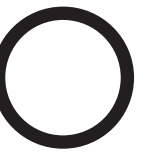
"Will the public be able to (in most weather) walk on top of the sloped stone?"

"What percentage of the Morgan Shoal lake edge will be walkable by people?"

"We would like to be able to walk by the waters edge from 55th to 31st . Continuous path, right at the edge"

- Improves existing access to water's edge
- Illinois Accessibility Code requires a compliant connection to the existing 51st to 54th St Revetment
- Different types of revetments have varying levels of topography, thus are impacted differently by Lake Michigan wave action
- The irregularity and void space in the proposed armor stone revetment is an important part of protecting the shoreline; dissipating the wave energy





2

LET'S TALK ABOUT VISITOR EXPERIENCE

Recreation



Proposed design of the dynamic revetment, presented 2/22/24

"What is the recreation intent for pebble beach?"

The dynamic revetment area is designed to allow park visitors to enjoy the waterfront in a naturalized setting. There is no specific recreational intent.

2

LET'S TALK ABOUT VISITOR EXPERIENCE "Messy" vs "Manicured"



Wilmette Beach dune natural area

"Living in an urban area, we need to retain some roughness, remoteness, and adventure. This plan takes away all of that. We need wilderness"

"We like an organic (messy) look, as natural as possible"

"Messy blocks, scatter some of the huge limestone blocks on the pebble beach. Think organic and not so manicured"

- Balance between traditional parkland and natural areas
- Sand dune with native shoreline plants buffers the dynamic revetment
- Salvaged limestone block locations are under review to create a more organic setting. Once the stones are placed, the Park District will not groom or rearrange them.

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Bike Racks



Comfort Station Plaza

"More bike racks"

"Lots of bike racks - at each road and at the comfort station"

"A bike rack would be nice"

"Bike rack; quadruple quantity"

The proposed plan does include bike racks in the vicinity of **47th Street, 51st Street and the Restrooms**. Additional bike racks can be considered.

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Secluded Spaces



"Preference for cozy & quiet"

"We like the enclosed and secluded feeling of pebble beach"

"Consider a berm BTW. LSD and bike path, even 3ft would help with sounds"

"Keep high visual barrier behind pebble beach/ dynamic revetment - so LSD is not visible from the beach"

- Incorporating greater elevation changes between the dynamic revetment and the backshore to create more quiet zones will be studied

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Silver Spray



Aerial of Lake Michigan, highlighting the shipwreck Silver Spray

"Will the shipwreck be highlighted under this plan (Silver Spray)?"

The proposed plan does not include any changes to the Silver Spray shipwreck. Historical and/or educational signage may be introduced at a later date.

2

LET'S TALK ABOUT VISITOR EXPERIENCE Restrooms



Existing restroom building located below FEMA flood elevation

"Comfort station should be open year-round"

"Please simply fix up and MAINTAIN current comfort station"

"Just preserve existing comfort station"

"Open year round restrooms"

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Restrooms



Proposed restroom design, presented 2/22/24

- Current restroom is deteriorated beyond repair and the area will be lifted up out of the current FEMA flood elevation
- Opening restrooms along the lakefront year-round is not currently feasible
- Existing restroom structures were built as seasonal-use buildings, without insulation, heating, and other amenities required to maintain utilities and safe use throughout the off-season
- Viewed systemically along the entirety of the lakefront, opening restrooms year-round would incur utility, staffing, and operational costs the Park District does not have budgeted

2

LET'S TALK ABOUT VISITOR EXPERIENCE

ADA Access to the Water



Closeup of proposed overlook to Dynamic Revetment, presented 2/22/24

"ADA access to water @ 'dynamic revetment?'"

CPD's Disability Policy Office is exploring accessibility options for equitable access to the dynamic revetment.

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Open Water Swimming



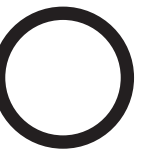
"Open water swimming is a growing sport/activity with health benefits constantly being discovered. Chicago has almost no wild swimming spaces. How will this important sport/outdoor activity be protected?"

- Chicago's lakefront is among our city's most popular destinations and supports various forms of recreation enjoyed by residents and tourists
- Swimming is only allowed in designated areas from Memorial Day weekend to Labor Day from 11 a.m. to 7 p.m. when lifeguards are present
- Other non-sanctioned swim locations are prominently marked with stenciled signage, and visitors are strictly prohibited from entering the water in these areas

An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

WHAT WE HEARD: NATURAL RESOURCES

HEATHER GLEASON, CPD



3

LET'S TALK ABOUT NATURAL RESOURCES

Habitat Protection



A mudpuppy, whose habitat is along the lakefront of Lake Michigan

"What is the anticipated aquatic life destruction with this project overall? At 49th? What is the anticipated avian life loss with the project overall?"

"Have marine biologists reviewed for preservation and aquatic habitat for all nature species?"

- Aquatic biologists provide their professional input as part of NEPA
- Project replaces habitat in-kind
- Underwater breakwater expands habitat for fishes and aquatic organisms
- Nearshore and in-water work will be timed to avoid impacts to mudpuppies

3

LET'S TALK ABOUT NATURAL RESOURCES

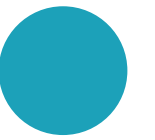
Tree Planting



New tree planted at 47th St

"Timing of tree planting is crucial. Winter planting -> dead trees."

- All plantings and maintenance will follow Park District DCNR standards to ensure healthy natural areas
- Park District does not plant trees during winter or summer when extreme temperatures impact tree health. Plantings occur in fall or spring.



3

LET'S TALK ABOUT NATURAL RESOURCES

Natural Areas vs Lawn

Can the natural meadow areas be bigger?

"I would still like to see more native plant areas. Less lawn area and more trees"

"Why do we need lawn?"

"What is the advantage of all the lawn area?"

"Way too much turf grass, which has zero ecological value. Surely there are native plants for picnic area, etc"

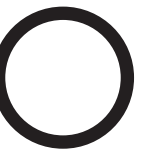
- Balance between traditional parkland and natural areas
- Up to 149 new trees planned
- Chicago Park District will determine exact, final locations of trees when the specimens are available



An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

WHAT WE HEARD: CONSTRUCTION + LOGISTICS

RAY GIDEROF, PBC



LET'S TALK ABOUT CONSTRUCTION LOGISTICS

5

Construction Schedule

"When will the RFP come out to the public?"

"When will we see the complete timeline?"

"What is the timeline to finish the project?"

- Contractor procurement will be managed by the PBC; updates will be provided throughout the process
- Anticipated duration for the construction work is approximately 5 years, upon commencement of the work and approval of all required permits
- PBC will continue to provide construction progress updates before and during construction

5

LET'S TALK ABOUT CONSTRUCTION LOGISTICS

Construction Cost Estimate



"How much does the remaining project cost?"

- The preliminary estimated range of the construction cost is \$110M to \$135M
- This will be reviewed as the design is refined

5

LET'S TALK ABOUT CONSTRUCTION LOGISTICS

Construction Diversity Goals



"Will there be a local hiring agreement?"

"Diversity and inclusion in this project is of great importance."

- The Project will include local community hiring requirements, as well as M/WBE Subcontractor goals.
- The local community hiring requirements and M/WBE Subcontractor goals are being determined.



NEXT STEPS
RAY GIDEROF, PBC

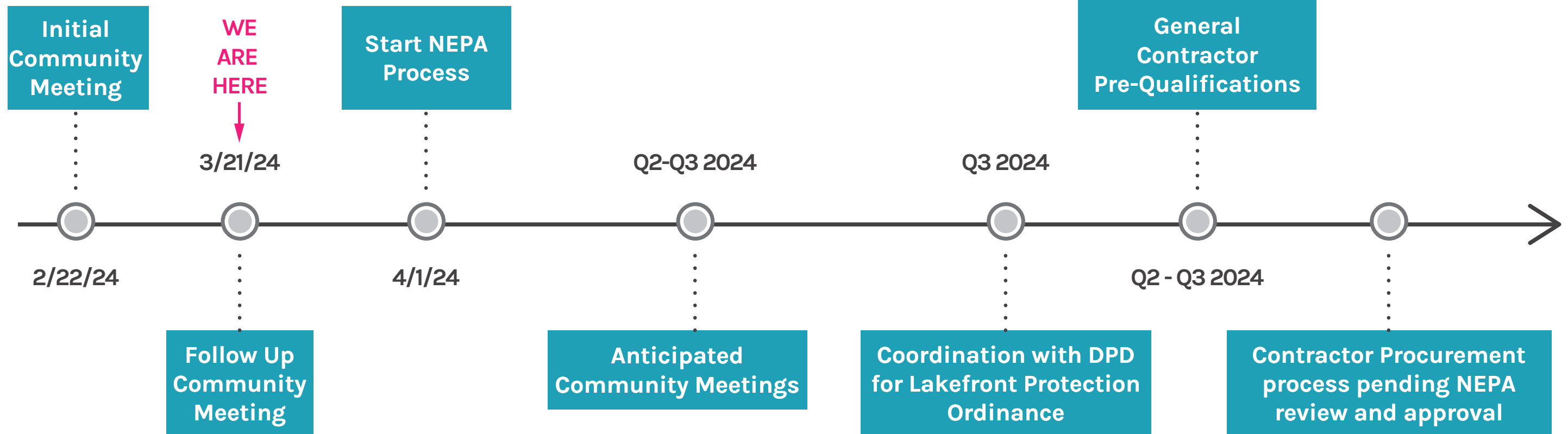
PROJECT SCHEDULE MOVING FORWARD

2024

Community Engagement and Outreach*

2024 - 2025

Start April 1, 2024: NEPA Process and Permitting through SHPO, IDNR



*Community and stakeholder updates will continue throughout the duration of the project.



[Link to PBC Project Page](#)

THANK YOU

We appreciate the active participation and care for the project.

For more information, please contact
PBC@PBCChicago.com or call (312) 744-3090
www.pbcchicago.com/projects/Morgan-shoal-project



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
COMMENT/QUESTION CARDS				

1	Lubis, Milla		milla.lubis@gmail.com	I am curious about how nature and natural materials can be incorporated when building the revetment. Additionally, what is being done to mitigate impact to bird/wildlife habitats?	AOR/EOR Draft
2	Friedl, Kelly	Titanium Design, Resident, Advocates for Morgan Shoal		Please keep thinking about the Pebble Beach area. Adjectives: Spiritual, Secluded, Magical, Unique, Destination, Artistic, Creative, Organic For Mark @ SmithGroup, we have a grad degree landscape architect.	AOR/EOR Draft



CDOT



US Army Corps of Engineers



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC,
CDOT, CPD,
USACE,
AOR/EOR

Name

Organization

Email

Comment

3 Friedl, Kelly

Titanium Design,
Resident, Advocates for
Morgan Shoal

Could you focus a few more weeks (or months) looking into different building materials and designs for the comfort station? The community is seeking something special versus a cinderblock structure.

AOR/EOR Draft



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
4 Friedl, Kelly	Titanium Design, Resident, Advocates for Morgan Shoal		Go to 12th Street beach (hidden behind the planetarium)! It possesses the secluded/sunken/private/intimate feel which I hear the community vocalizing they seek. The lakefront plan included a children's area at the area of the wreck with an area of periscopes and lenses where children could see fish, turtles, lake life	AOR/EOR Draft
5 McCurry, Louise	Hyde Park Kenwood Community Conference	commissioner751@icloud.com	Paul Wiese	AOR/EOR Draft
6 Anonymous			How are you complying with the federal order to reassess large concrete projects as a part of environmental justice?	USACE
7 Clendenning, Joy	Advocates for Morgan Shoal	joyclendenning@gmail.com	Will we lose access to the shoreline? I cannot get across sloped stone revetment - it is inaccessible.	AOR/EOR Draft
8 Clendenning, Joy	Advocates for Morgan Shoal	joyclendenning@gmail.com	How will you make the whole shoreline accessible, with at least some parts accessible for wheelchairs?	AOR/EOR Draft



US Army Corps of Engineers



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
9 Clendenning, Joy	Advocates for Morgan Shoal	joyclendenning@gmail.com	How will you learn about and be creative about the existing wildlife on land + lake and on the lake plus the natural wave action with the shoal which creates pebble beach?	AOR/EOR Draft
10 Clendenning, Joy	Advocates for Morgan Shoal	joyclendenning@gmail.com	Why not keep/re-use/be creative with the pebbles/rocks from 49th - 50th instead of importing a dynamic revetment?	AOR/EOR Draft
11 Clendenning, Joy	Advocates for Morgan Shoal	joyclendenning@gmail.com	The stretch from 45th - 48th has a lot of parkland. Why not make this part of the Burnham wildlife corridor?	AOR/EOR Draft
12 Anonymous			How will you minimize the impact on the existing flora + fauna?	AOR/EOR Draft
13 Anonymous			How will you provide access to walk, sit, fish, etc. beside the water?	
14 Rachlis, Michael	RDP, LLC for the Promontory Park Conservancy	mrachlis@rdaplawnet	In regards to the PBC efforts to get prequalifications, will those prequalifications for bidding packets be made public when issued? If not, why not?	



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MORGAN SHOALS REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
15 Rachlis, Michael	RDP, LLC for the Promontory Park Conservancy	mrachlis@rdaplaw.net	How much has the design work for Morgan Shoals cost to date? Who has paid (in terms of federal; city and state)? The projected cost for the 110-135 million -- who will pay for that (in terms of federal verses city, state breakdown).	USACE
16 Hass, Deb		debra.a.hass@gmail.com	As you add lighting, please consider migratory birds + lawn and pollinators don't do well together. Finally, past negative experiences make me fear a larger beach means you may allow private vendors to use it for events, concerts, etc. Please do not use this stretch to generate revenue. Let us have a quiet, peaceful stretch.	
17 Hass, Deb		debra.a.hass@gmail.com	As someone who bicycles toward the loop, often several times a week for about 8 months. I am dreading the disruption and will appreciate all you can do to create alternate access and provide good signate; reduce my exposure to diesel please.	
18 Hass, Deb		debra.a.hass@gmail.com	Please consider minimizing concrete at comfort station by reducing "plaza" area. Keep it quiet, "healing" area and as natural as possible.	
OPEN MIC				
			LIVE COMMENT/QUESTION	3/21/24



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC,
CDOT, CPD,
USACE,
AOR/EOR

Name	Organization	Email	Comment
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Speaker 1

Thank you, I do agree that you did hear some of what we were saying. I appreciate the pebble reuse and like the beach extension.

Given climate change, looking backwards is not the best move.

Longer rooted plants on shoreline, instead of short.

15% of great lakes iced over, water levels will not be what they were.

How is climate change being considered?

You are engineering with nature, let the community see science behind the plan.

What was the modeling done to determine the wall behind pebble beach?

19

Speaker 2

I am someone who swims at pebble beach. What are you doing with the pebbles? Are you turning them into concrete? Are they man-made pebbles? No concrete.

People will still swim, even if you said no swimming. It is a beach. What about people who bring their dogs there?

We want to experience the shoal, it is a healing area.

People will swim.

20



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC,
CDOT, CPD,
USACE,
AOR/EOR

Name	Organization	Email	Comment
Speaker 3			<p>We will swim. My question is, if you think of the shoreline as our playground, that is how we view it.</p> <p>I know this meeting is not about Promontory point. Stagger one section and then do the other. We do not want both taken away at the same time. If you do a NEPA study, it will take a long time. Can you do NEPA for both at the same time?</p>
21			<p>In 1970 I was the 2nd bidder on the area plant repair, the guy who became my father in law, beat me...</p> <p>Stones that fell into the water are still there.</p> <p>Estimator to fix the shoreline project is too big.</p>
22			



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

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Project No.: 22703

Question and Comment Cards

Agency: PBC, CDOT, CPD, USACE, AOR/EOR

Name Organization Email Comment

Speaker 5

Thank you for your responses so far. My question is among the 25% you are still thinking about. What do you consider minimizing concrete? I know you will say "only around 51st" street, but we know the process of creating concrete is damaging to many communities. People are asking for concrete manufacturer to not be expanded into their neighborhood. Answer number 35 on PBC commission, we are now building concrete, why cant we use limestone or other materials? Another environmental question: it seems lawn ratio can be adjusted. We are not maintaining the lawn. The lawn at 51st street is currently not maintained. It is not only the fact that it is lawn, but you have to use mowers with gas fumes. Why do we use these practices that are harmful for people? Concrete of comfort station? At 51st street, does every level have to be concrete? Right now, it is a stepped revetment, wheelchairs do not use every step. There are multiple steps, that are not wide enough for wheelchairs. Why can't sections of concrete risers that are not accessible be limestone block? 51st bridge is steep. I do not think it would be more accessible. Create accessible semi circle, and limestone rocks.



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC,
CDOT, CPD,
USACE,
AOR/EOR

Name

Organization

Email

Comment

Speaker 6

Thank you for being here and providing forum, helpful to hear what everyone has to say. We want there to be a space for everyone. There is a magnificent opportunity to do something special here, that is why we are all here.

Areas north and south already with lawn and concrete. The pandemic and funding issues have given us an incredible natural experience if we leave this land alone. The urbanized wildlife is stunning, this space does something special in terms of healing and mental health. For people growing up in a city, this feels like an oasis. We have a table with pebbles from the beach and a survey we would love for everyone to take. We enjoy sending post cards, and we would love to send more, they are all from people who use the space. I am excited to work with you and get the best solution for this place.

Can we try to make it more organic and special so that it maintains the spirit of the space. We understand that some things do have to change.



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC, CDOT, CPD, USACE, AOR/EOR

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
25 Speaker 7			<p>We should look closely at that revetment; it is scary to ride my bike along top of it. It is very narrow; it is not wide enough for a bike or wheelchair. There is no ramp, and it has been there a couple of years. Hopefully the design will be better and more thoughtful.</p> <p>Need a different place for a wheelchair ramp, because where it is, there is strong wave action there. Waves batter NE side.</p> <p>Ray said accessibility can be seen as a multi variant type of idea. There are people who like climbing on rocks, there are people who need a smooth access, etc.</p> <p>At 51st it took me 15 min to count 263 limestone blocks along to where there used to be a diving board (under 50 feet span). There are quite a lot of limestone blocks. There are 1100 carvings, many are on same blocks. I would suspect there are more than your count of 300. Limestone is supposed to be kept according to SHIPO of 2020, I have ideas of how you can use it. Pave around new comfort station with limestone blocks. They do not have to be a certain size or dimension if the solution is to toss them. It is a lot cheaper than brining in new ones, when they are already there. There are obviously a couple thousand that are there now. Some are beautiful and some are messed up, but they can be used.</p> <p>People love secluded feeling you get, with limestone right at waters edge. Those limestone blocks do not have to be taken off the beach. You can put them back on the beach, we love this feature.</p>	
26 Speaker 8			<p>Thank you for doing this again. I go to park every Sunday morning to see the beavers. I am glad to see mark is here. Whenever there is a storm, it is the first place you can see it. Years ago, there was a plan for a teaching system for kids, I am 74 and I won't be around a lot more. I want to teach kids the importance of the lake front. I want to teach kids about beavers and the small fish. In 2015, there was a plan to have a teaching station for kids. There was a place for kids to come and see underwater and see the fish and turtles, and birds and plants. If we do not teach our kids, we lose the whole battle. There are politicians who do not see this as important.</p>	



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #2 3/21/2024

Project No.: 22703

Question and Comment Cards

Agency: PBC,
CDOT, CPD,
USACE,
AOR/EOR

Name	Organization	Email	Comment
Speaker 9			I appreciate the preservation of limestone being part of the plan. It is more than I had hoped for when I first heard about the project years ago. I did want to emphasize that the carvings along the shoal are more than nice features on random rocks, they are more than 100 years old legacies that users have left for us. Their expression, identity, artwork, etc. When we plan for the final landscape architecture, they should not just be nice features, but a focus area in the plan and presented with respect. There are lots of people who are not with us, because they started carving in 1930. They are a legacy. They should be more than seating areas or stepped stones. The carvings are very special and unique to Chicago and the world, there is nothing like this anywhere else. You are off to a good start, and it is deeply appreciated.
27			
Speaker 10			I want to say, as someone who runs on lakefront, I do not know if the dune is good. Park district does not maintain what we have on the south side (43rd St. Beach). The sidewalk is in disrepair and the condition is not good. Whatever the plan is, it needs to be self maintaining – dune is not.
28			

MORGAN SHOAL COMMUNITY UPDATE



[Link to PBC Project Page](#)

**PROJECT 22703: CHICAGO SHORELINE PROTECTION PROJECT
45TH STREET TO 51ST STREET (MORGAN SHOAL)
REVTMENT RECONSTRUCTION**

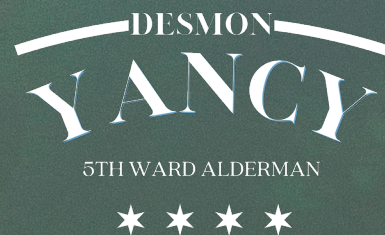
April 25, 2024

5:00 - 7:00 PM

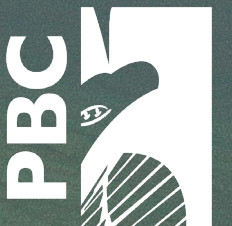
Presentation & Q+A



**LAMONT J. ROBINSON
4TH WARD ALDERMAN**



**US Army Corps
of Engineers**



WELCOME

PRESENTATION AGENDA

1. Introduction

Alderman Lamont J Robinson, 4th Ward

Alderman Desmon Yancy, 5th Ward

Ray Giderof, PBC

2. Why Are We Doing This?

Dan Burke, CDOT

Heather Gleason, CPD

3. Current Project Status

Kerl LaJeune, PBC

4. What We Heard

Ray Giderof, PBC

Mark Wagstaff, SmithGroup

Mauricio Wesson, SmithGroup

Heather Gleason, CPD

5. Next Steps

Ray Giderof, PBC

Questions and Comments

Adjourn

AGENCY STAKEHOLDERS



Public Building Commission of Chicago



Chicago Park District



US Army Corps
of Engineers

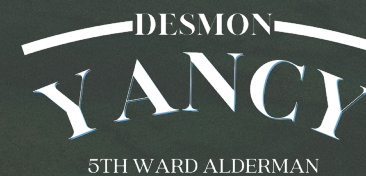
US Army Corps of Engineers



Chicago Department of Transportation



4th Ward



5th Ward



Link to PBC



An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a city skyline with numerous skyscrapers is visible under a hazy sky.

WHY ARE WE DOING THIS?

DAN BURKE, CDOT + HEATHER GLEASON, CPD

CHICAGO SHORELINE PROTECTION PROJECT

- » Primary objective is to protect the Chicago shoreline for all users from flooding and erosion
- » Since 1997, the City and the USACE has reconstructed 9.2 miles of shoreline from Montrose Avenue to 57th Street and the South Water Purification Plant Breakwater
- » Remaining Segments:
 - » 45th to 51st St (Morgan Shoal)
 - » Promontory Point (not part of this scope)



2019-2021 RECORD HIGH LAKE LEVELS AND STORM DAMAGE



Dislodged revetment stones and parkland erosion due to wave action.



Destroyed lakefront path due to wave action.

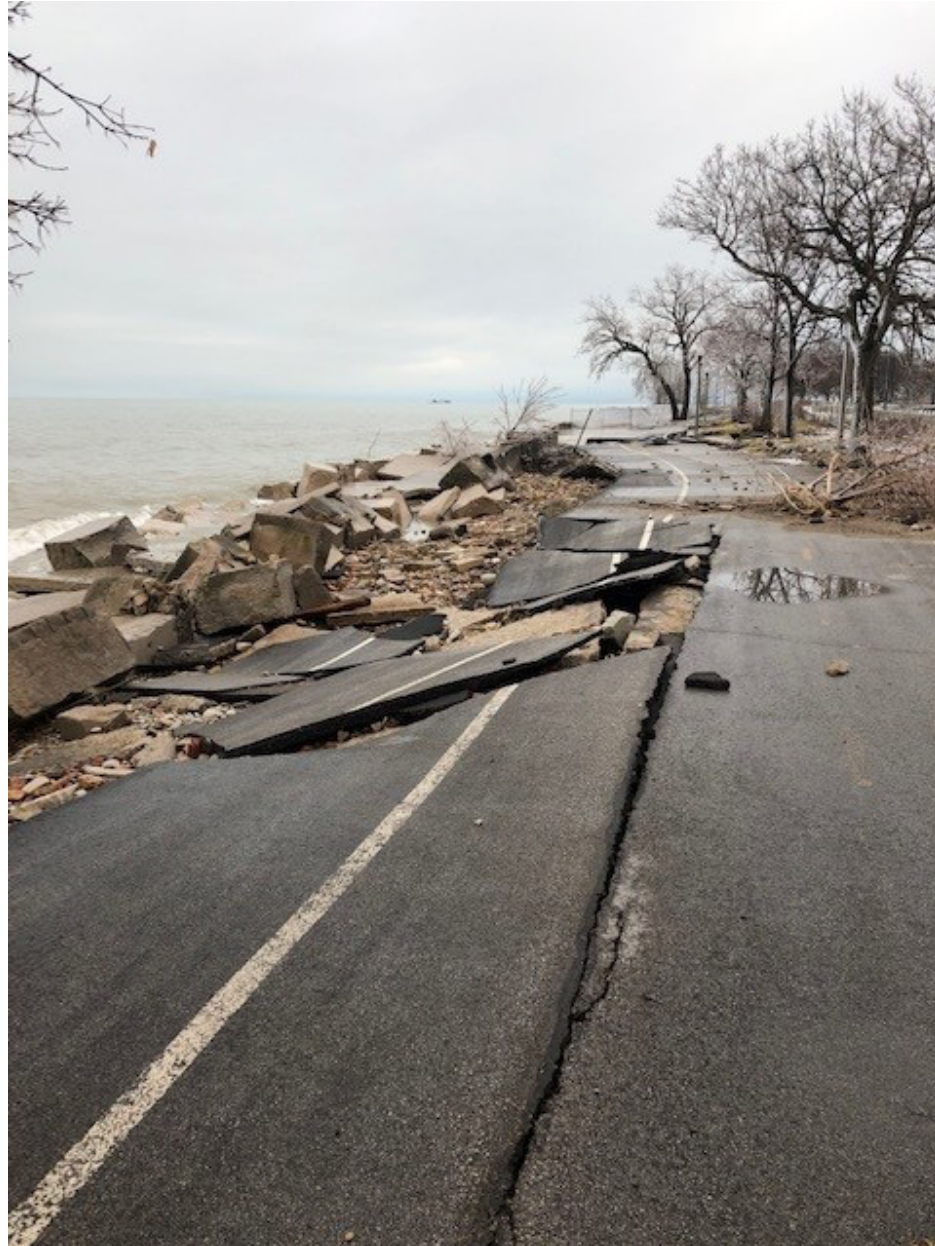


Collapsed concrete slabs and washout areas after winter storm.

OTHER DETERIORATED AND DAMAGED CONDITIONS



OTHER DETERIORATED AND DAMAGED CONDITIONS



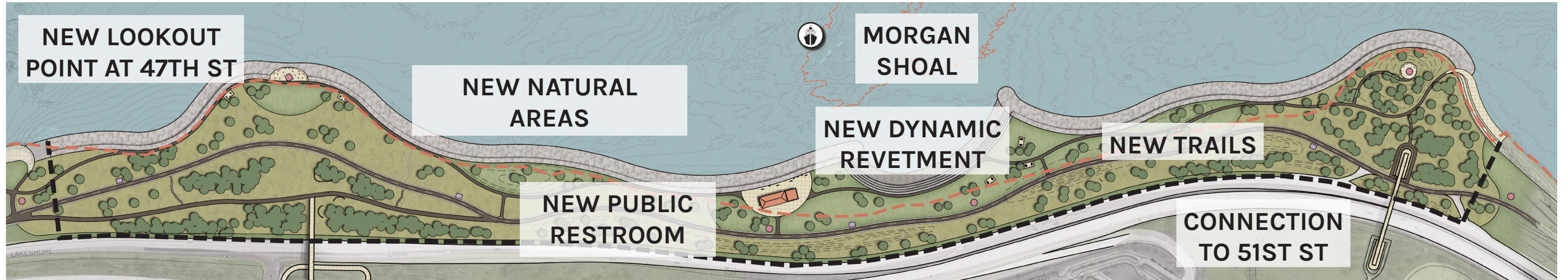
An aerial photograph of a city coastline. On the left, a multi-lane highway runs parallel to a green park area. The park features a baseball field and various trees. To the right of the park is a rocky shoreline meeting a large body of water. In the background, a dense city skyline is visible under a hazy sky.

CURRENT PROJECT STATUS

KERL LAJEUNE, PBC

CURRENT PROJECT STATUS

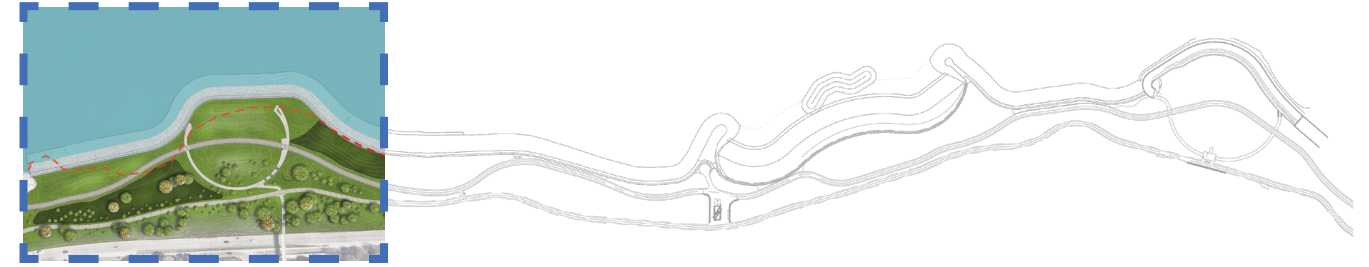
2015 FRAMEWORK PLAN



PRELIMINARY DESIGN

CURRENT PROJECT STATUS

47th STREET

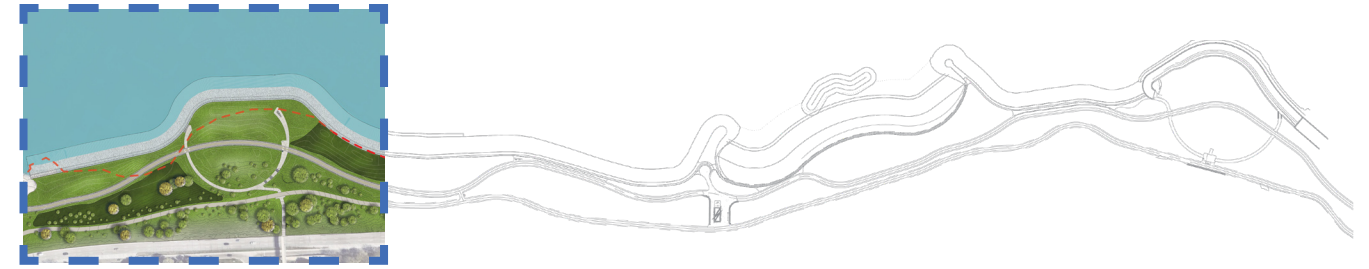


2015 FRAMEWORK PLAN



2024 CURRENT DESIGN

47th STREET EXISTING CONDITIONS

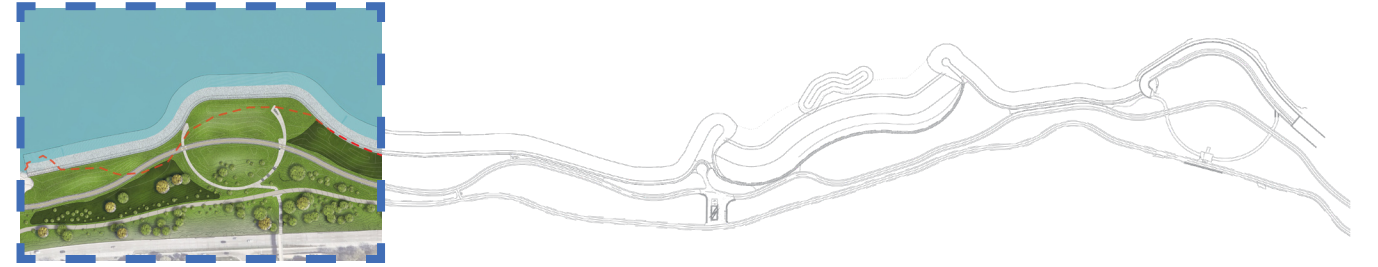


Active erosion and trail undermining prior to 2020 temporary measures.



Deteriorating shoreline separated from pedestrian trail with temporary measures of rip rap and TrapBags.

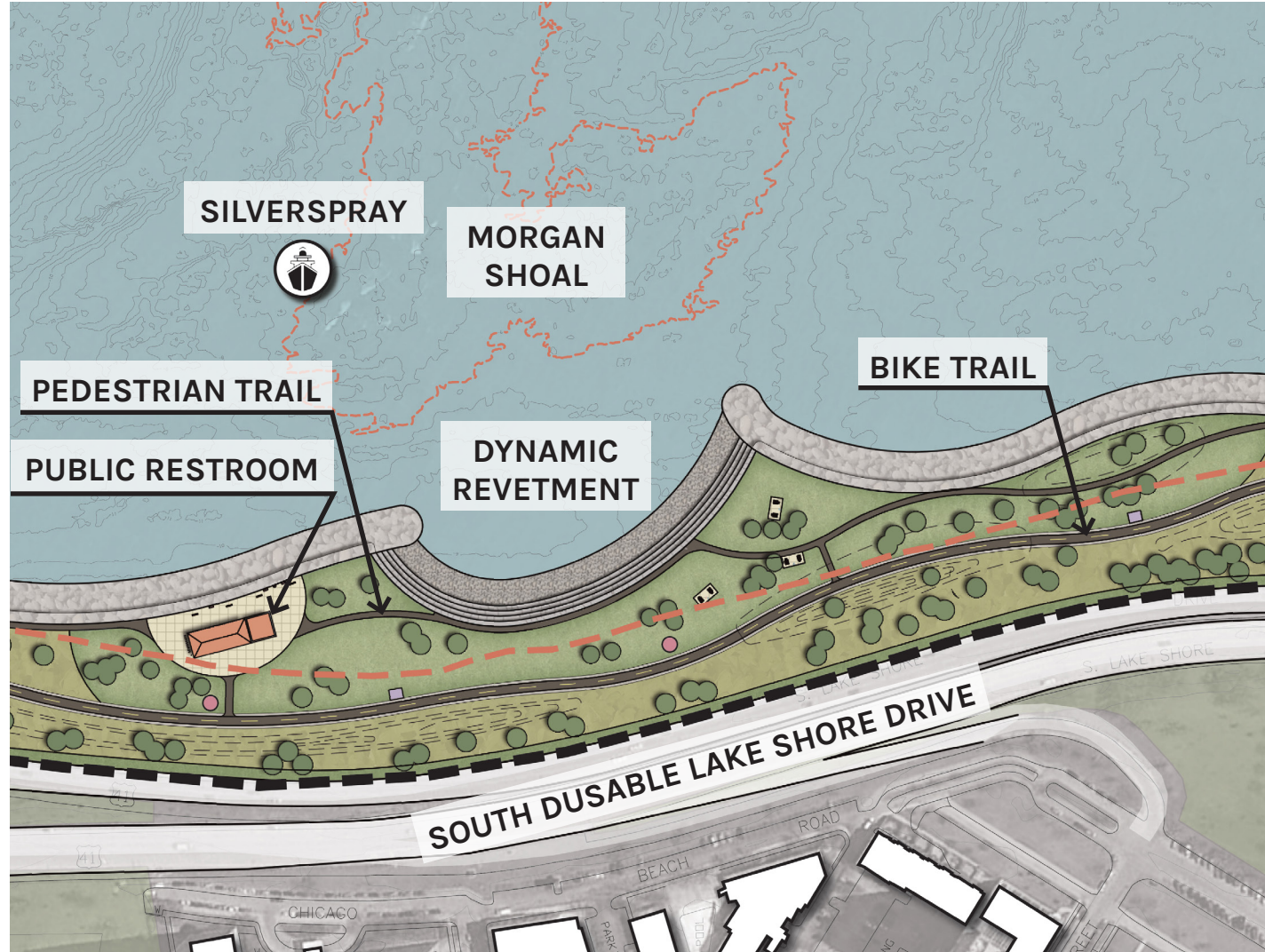
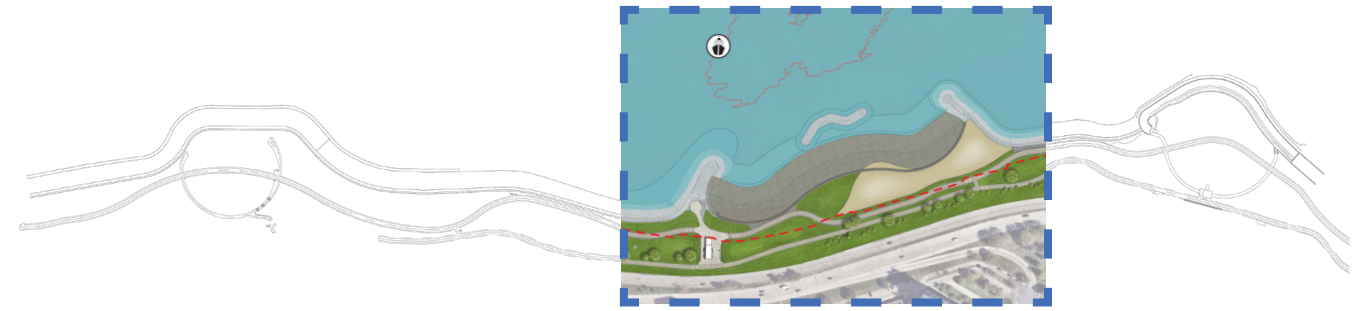
47th STREET (LOOKING SOUTH) PROPOSED DESIGN



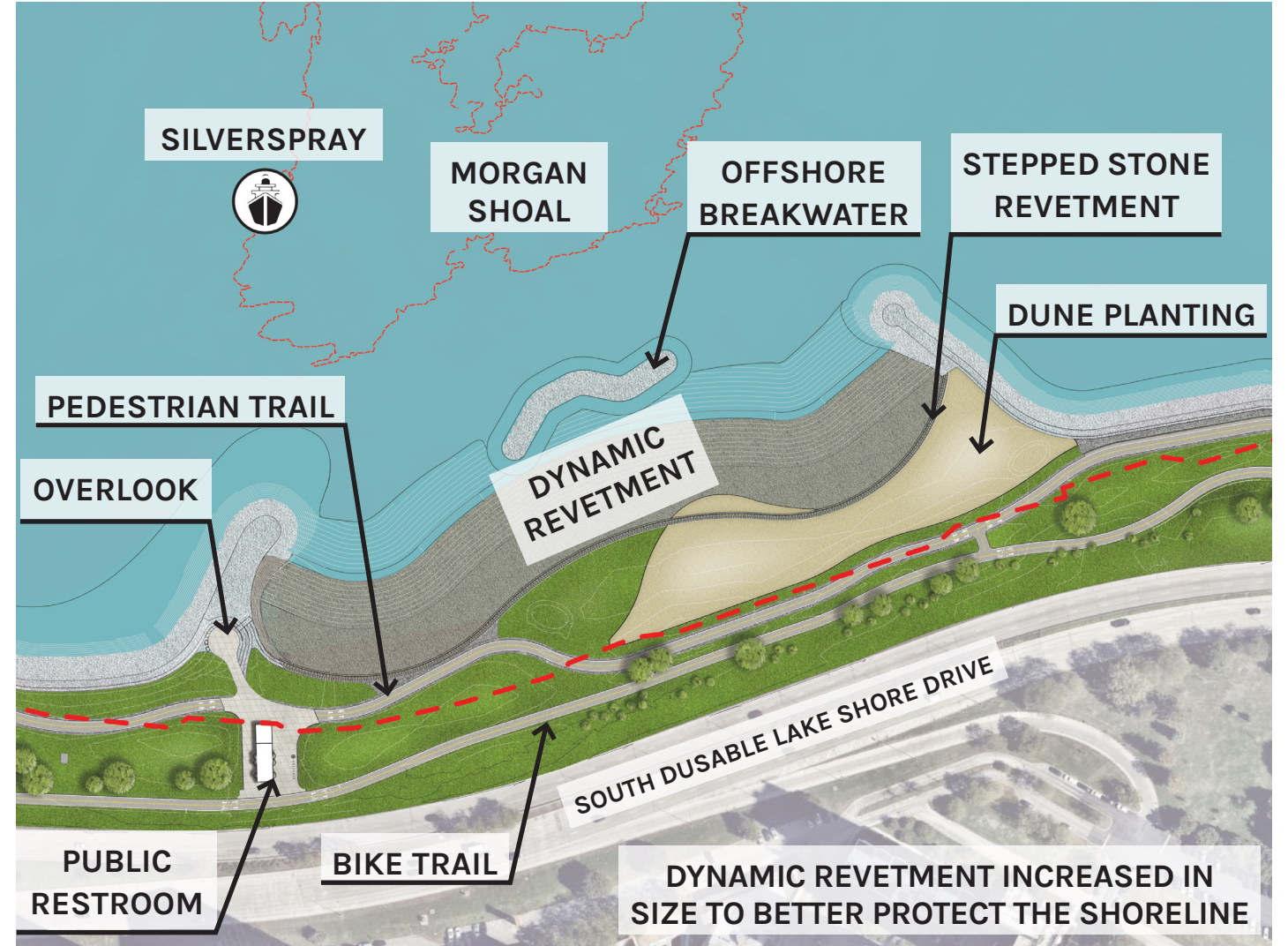
New parkland at the landing of the existing 47th Street pedestrian bridge separates cyclists from pedestrians, expands natural areas and lawn areas along the path, and protects existing trees.

CURRENT PROJECT STATUS

49th STREET

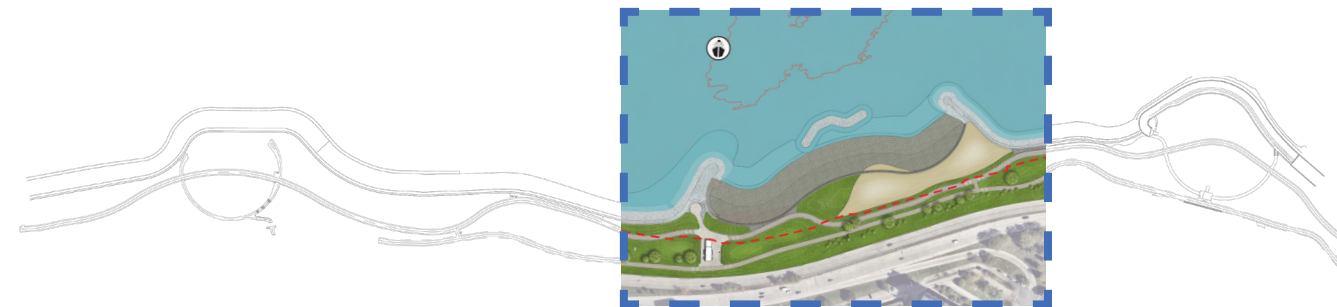


2015 FRAMEWORK PLAN



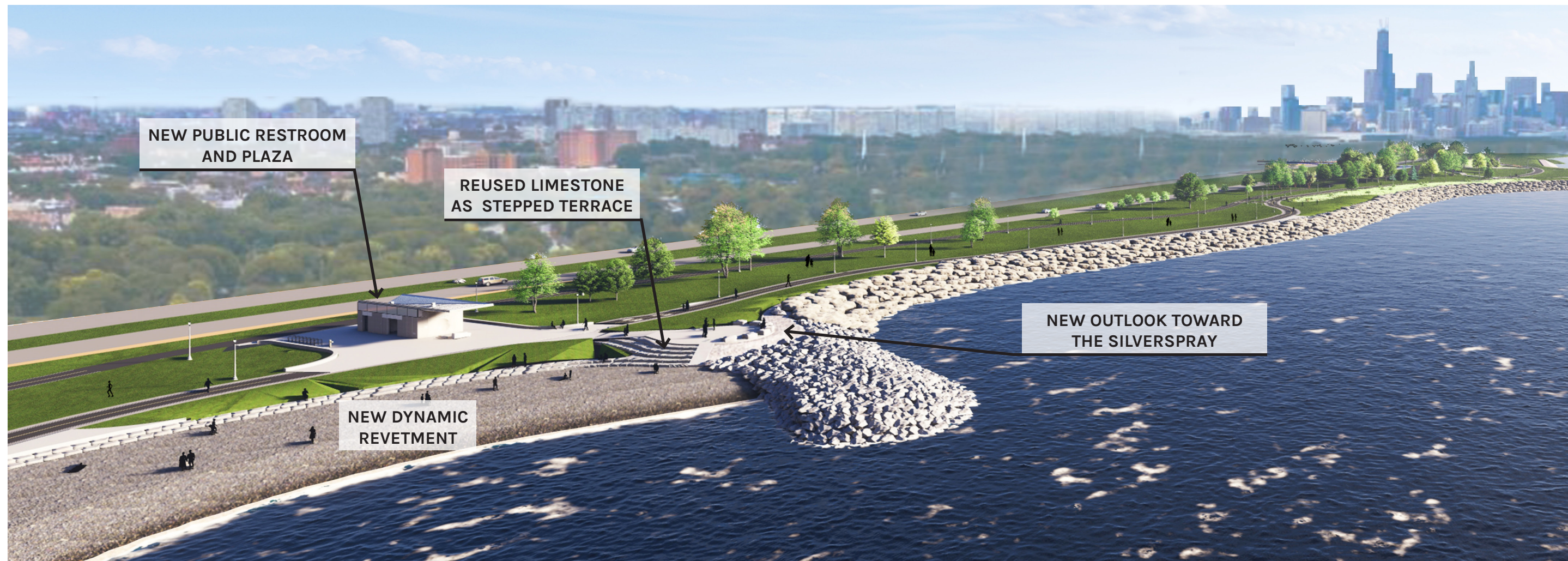
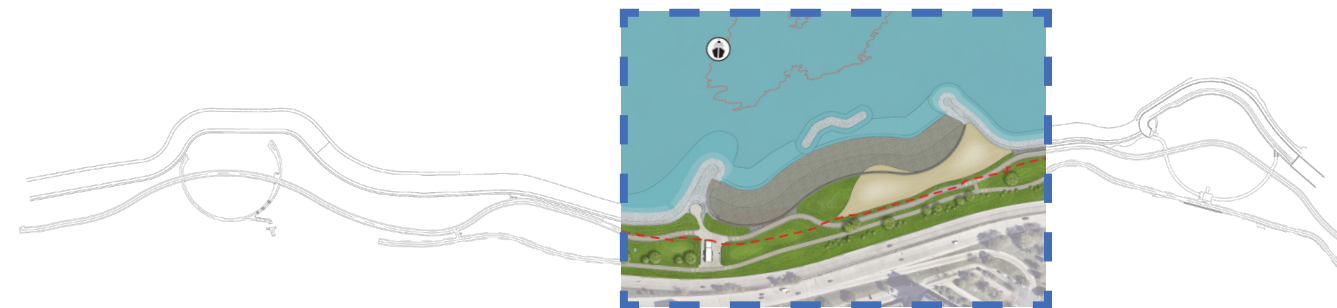
2024 CURRENT DESIGN

49th STREET EXISTING CONDITIONS



Existing edge of lakefront trail crumbling into the water limits areas where park visitors may safely interact with the lake.

49th STREET (LOOKING NORTH) PROPOSED DESIGN



NEW PUBLIC RESTROOM
AND PLAZA

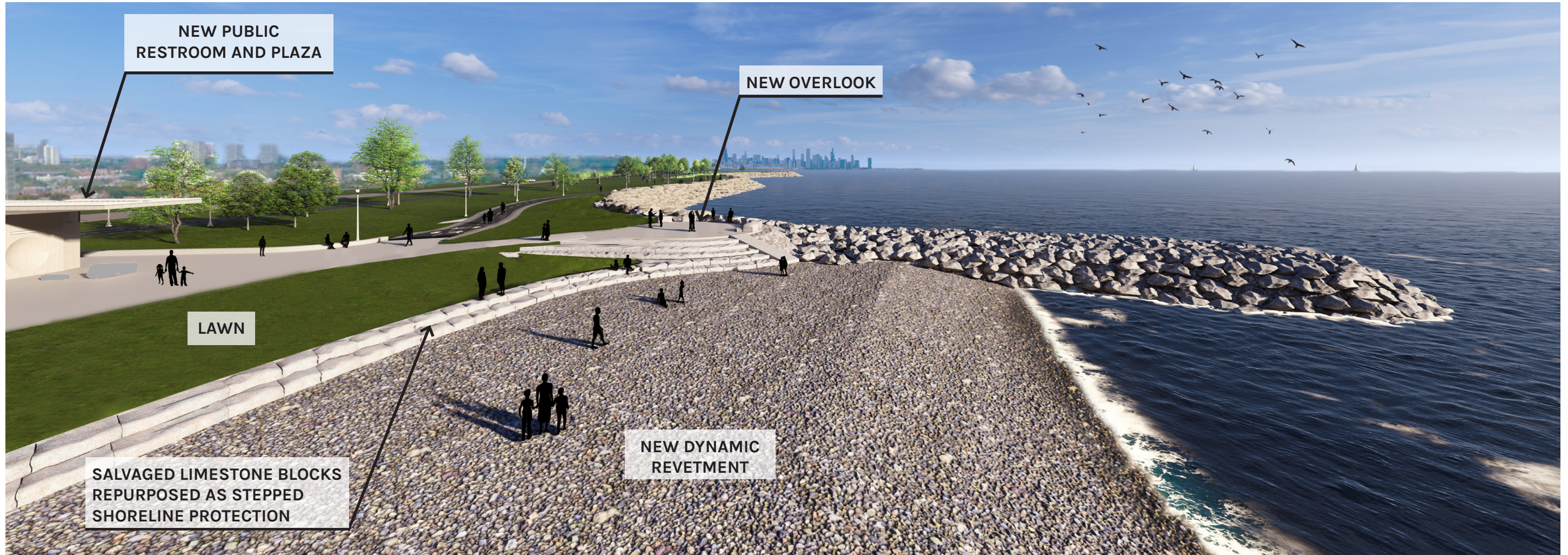
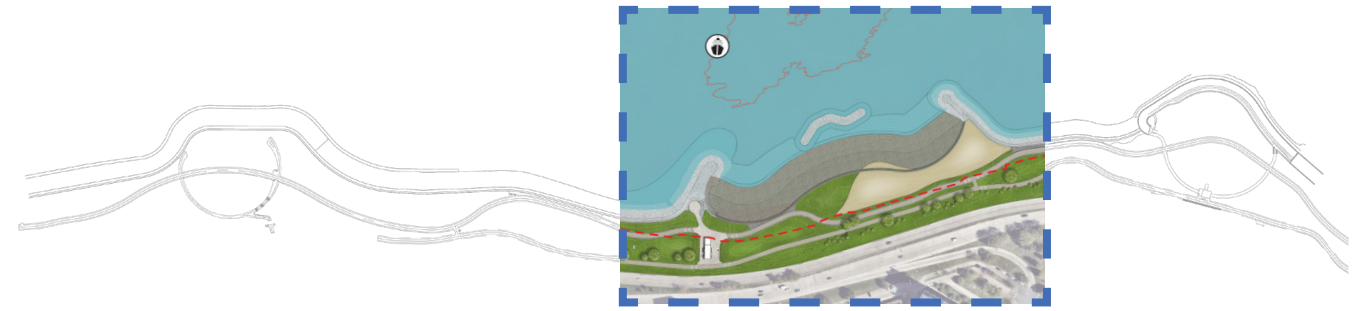
REUSED LIMESTONE
AS STEPPED TERRACE

NEW OUTLOOK TOWARD
THE SILVERSPRAY

NEW DYNAMIC
REVETMENT

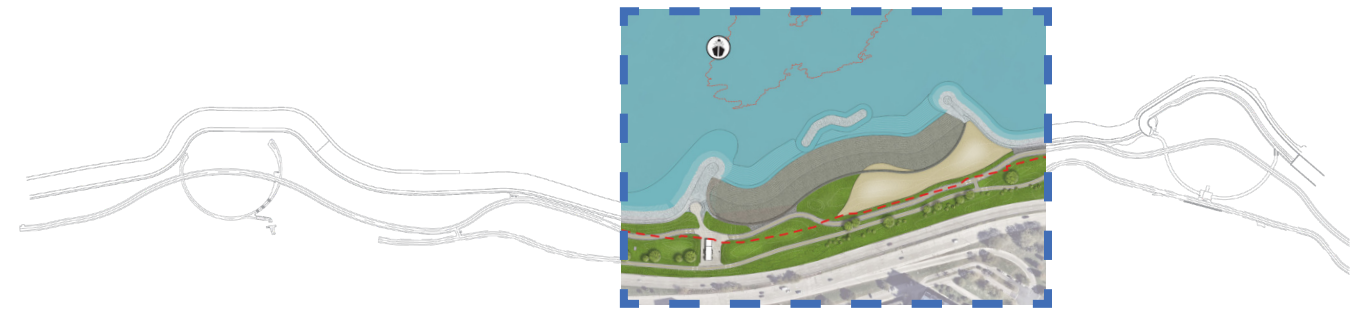
New parkland lifts the public restroom up out of the FEMA floodplain and creates an elevated outlook for views out to the water. The outlook terraces down to the new dynamic revetment, a protected and designed moment that brings park visitors close to the water.

49th STREET (LOOKING NORTH) PROPOSED DESIGN



The new dynamic revetment protects the new parkland at its most vulnerable point and brings park visitors safely to the water's edge

49th STREET PUBLIC RESTROOM



SALVAGED CARVED STONE
REPURPOSED AS SEATING



SALVAGED CARVED STONE
REPURPOSED AS SEATING

The roof overhang shades a protected area for the original carved stone, repurposed into seating



The interior high-privacy toilet partitions are inspired by the sonic patterns reflected in the concrete walls.

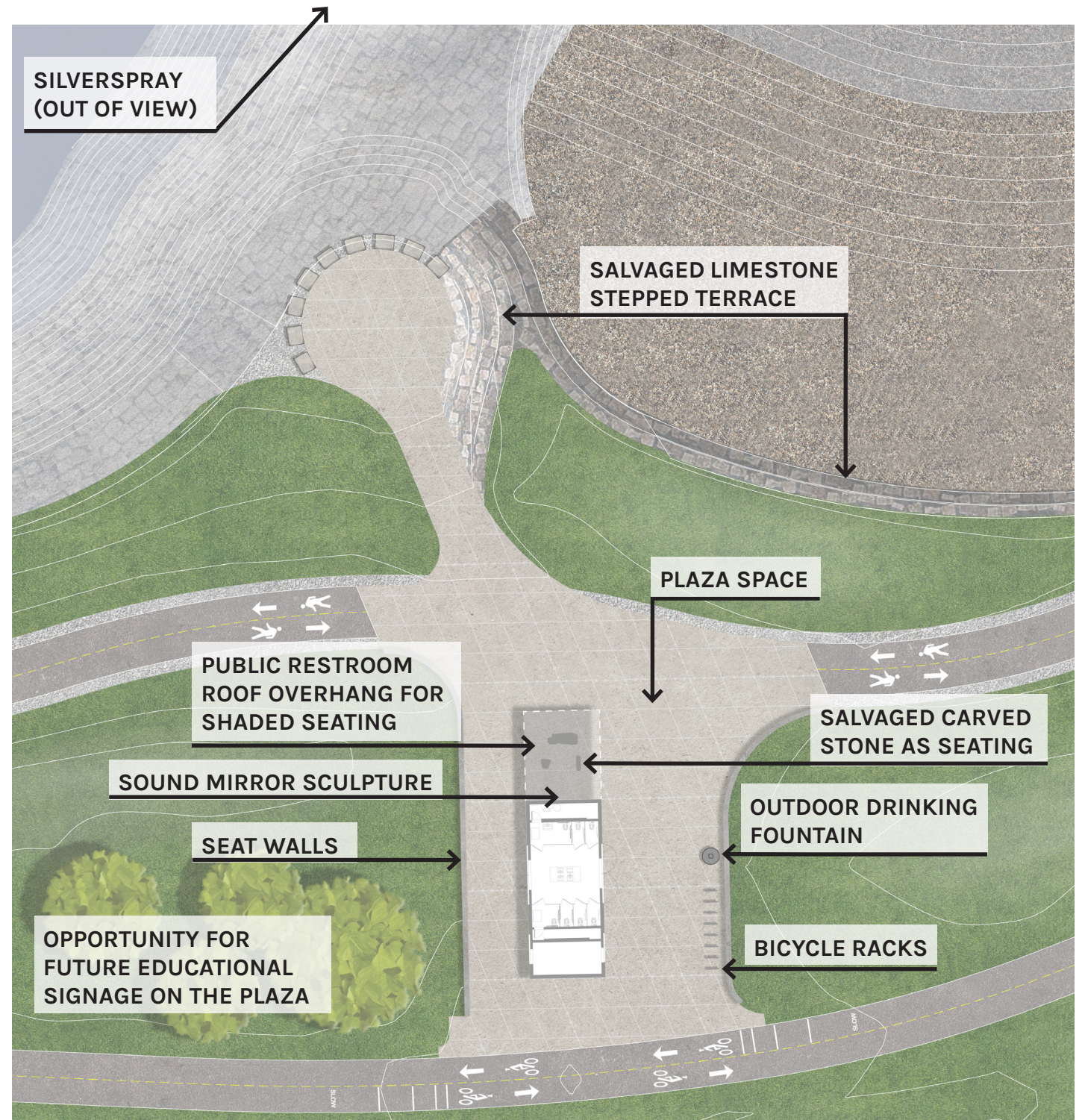
The Public Restroom is a new, iconic civic landmark along the lakefront at Morgan Shoal, inspired by Chicago's historic bridge houses. It will be the Chicago Park District's first lakefront gender neutral restroom. Its walls reflect Lake Michigan, translating sounds to patterns.

PLAZA LAYOUT OVERLOOK TOWARD MORGAN SHOAL AND SILVERSPRAY WRECK



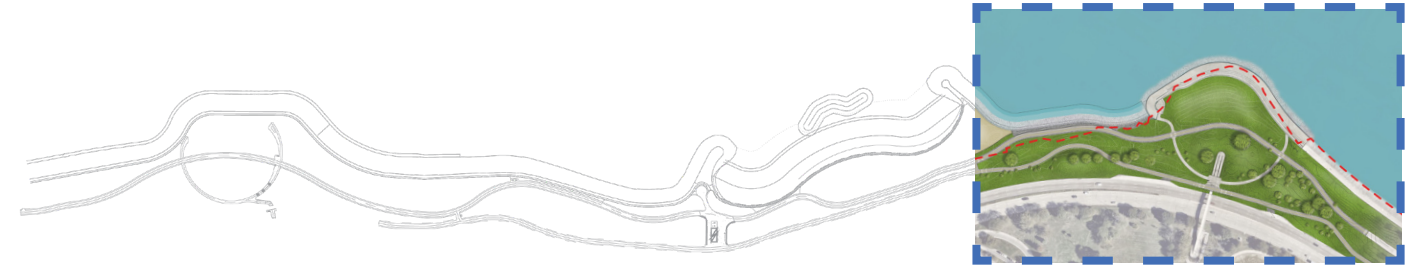
ENGAGING THE SENSES

Taking inspiration from the 2015 Framework Plan, local Chicago sound artist, Mark Holt, recorded the sounds of Lake Michigan at the site of the original public restroom. He translated those sounds into a visual pattern that will be cast into the concrete walls of the new public restroom so that visitors can "see" the sound of Lake Michigan, touch the grooved pattern, and listen to amplified sounds of the Lake through the sound mirror sculpture.



CURRENT PROJECT STATUS

51st STREET

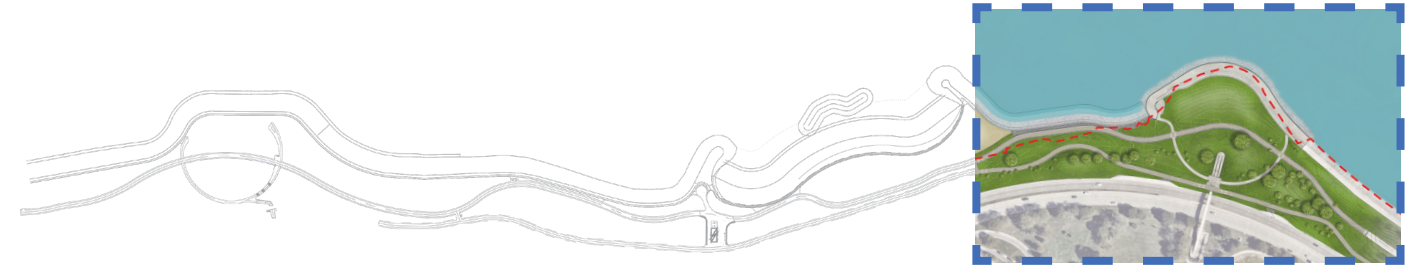


2015 FRAMEWORK PLAN



2024 CURRENT DESIGN

51st STREET EXISTING CONDITIONS

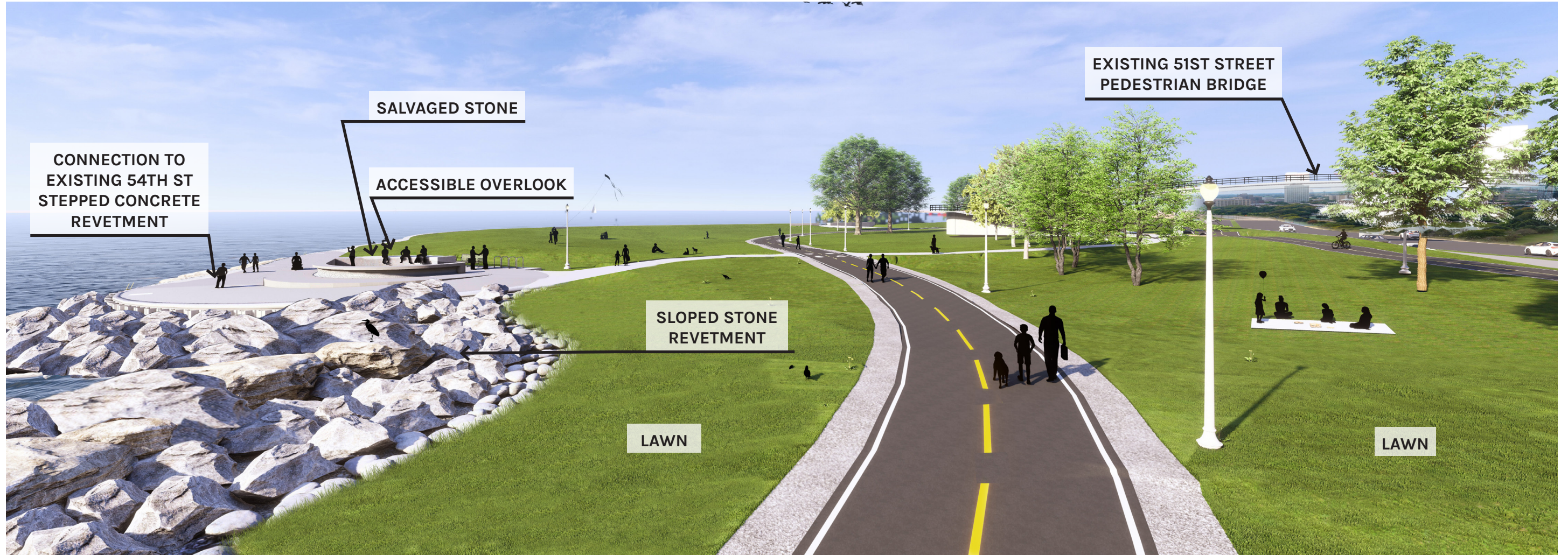
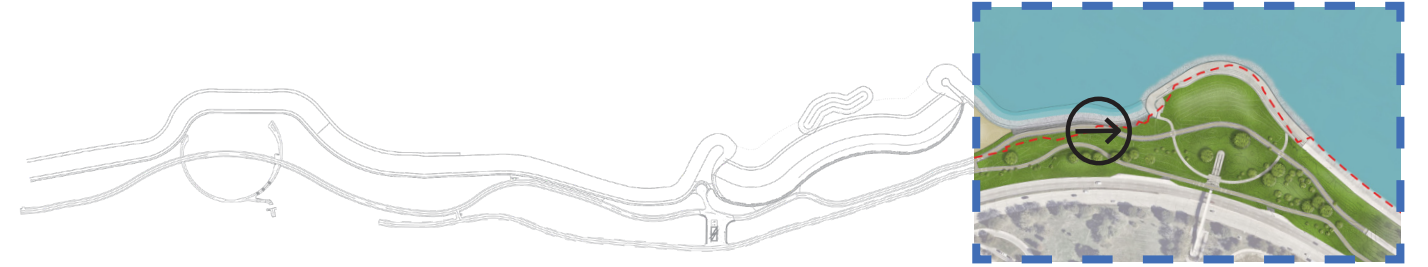


WEEDY VEGETATION IN
FORMER STORAGE AREA

RIP RAP PLACED IN 2021 BY
USACE TO PREVENT RAPID
PARKLAND EROSION

Deteriorated landscape at the landing of the existing 51st Street pedestrian bridge and rip rap for temporary erosion protection.

51st STREET (LOOKING SOUTH) PROPOSED DESIGN - VIEW 4



The accessible overlook to the water connects to the existing concrete revetment south of the project area



WHAT WE HEARD

RAY GIDEROF, PBC

Public Information Meeting 2/22/2024

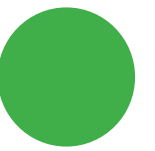


Last Public Information Meeting 3/21/2024





COASTAL PROTECTION
MARK WAGSTAFF + MAURICIO WESSON, SMITHGROUP



1

LET'S TALK ABOUT COASTAL PROTECTION

Revetment Materials



Bender Park, Oak Creek WI

"How can nature and natural materials be incorporated when building the revetment?"

- » The revetment's primary function is storm damage prevention. All materials must be durable and suitable for the exposed coastline conditions.
- » The armor stone revetment and the dynamic revetment are made of natural stone and provide new habitat for aquatic species.
- » Upland habitat is proposed for areas where it will thrive away from direct wave action.



1

LET'S TALK ABOUT COASTAL PROTECTION

Pebble Beach Dynamic Revetment



Keweenaw Peninsula, Lake Superior

"How will you learn about the natural wave action with the shoal which creates pebble beach?"

"Please keep thinking about the Pebble Beach area."

- » The design team has been studying the area using site visits, historical aerial images, computer simulations of wave and current patterns, and a physical model in a wave tank.
- » Further refinements are under consideration.

DYNAMIC REVETMENT CHARACTERISTICS

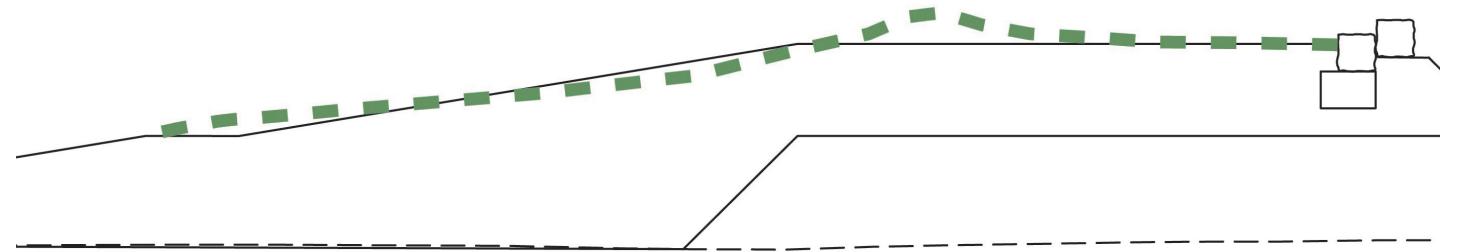
- » A Dynamic Revetment re-shapes itself in response to the water level and wave conditions.
- » Waves breaking on the slope cause the stones to take on an "S" shape profile.
- » A crest is formed by the waves pushing the stones up the slope.



DYNAMIC REVETMENT RESPONSE AND FAILURE DEFINITION

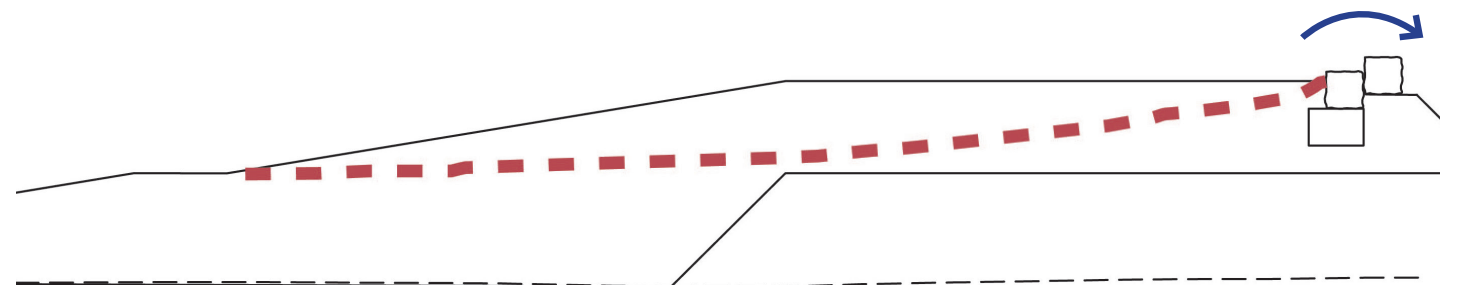
DYNAMIC REVETMENT SAFE PROFILE

- » The Dynamic Revetment reshapes to the different design storm conditions per its typical S shape profile protecting the backshore from overtopping and wave runup. No damage to inland structures is experienced.



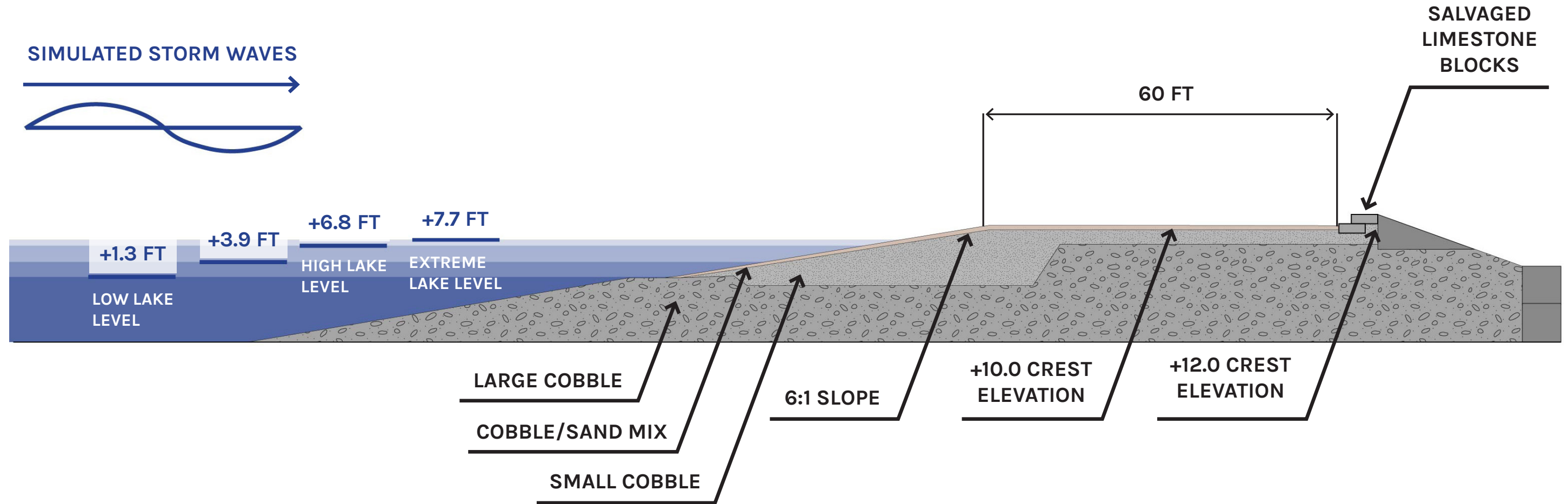
DYNAMIC REVETMENT FAILURE

- » There is not enough material, or the material is not large enough in the profile causing the protected backshore to be exposed to large waves.
- » Excessive overtopping and damage to inland protected structures.



DYNAMIC REVETMENT 1:10 SCALE PHYSICAL MODEL

TYPICAL TEST ARRANGEMENT



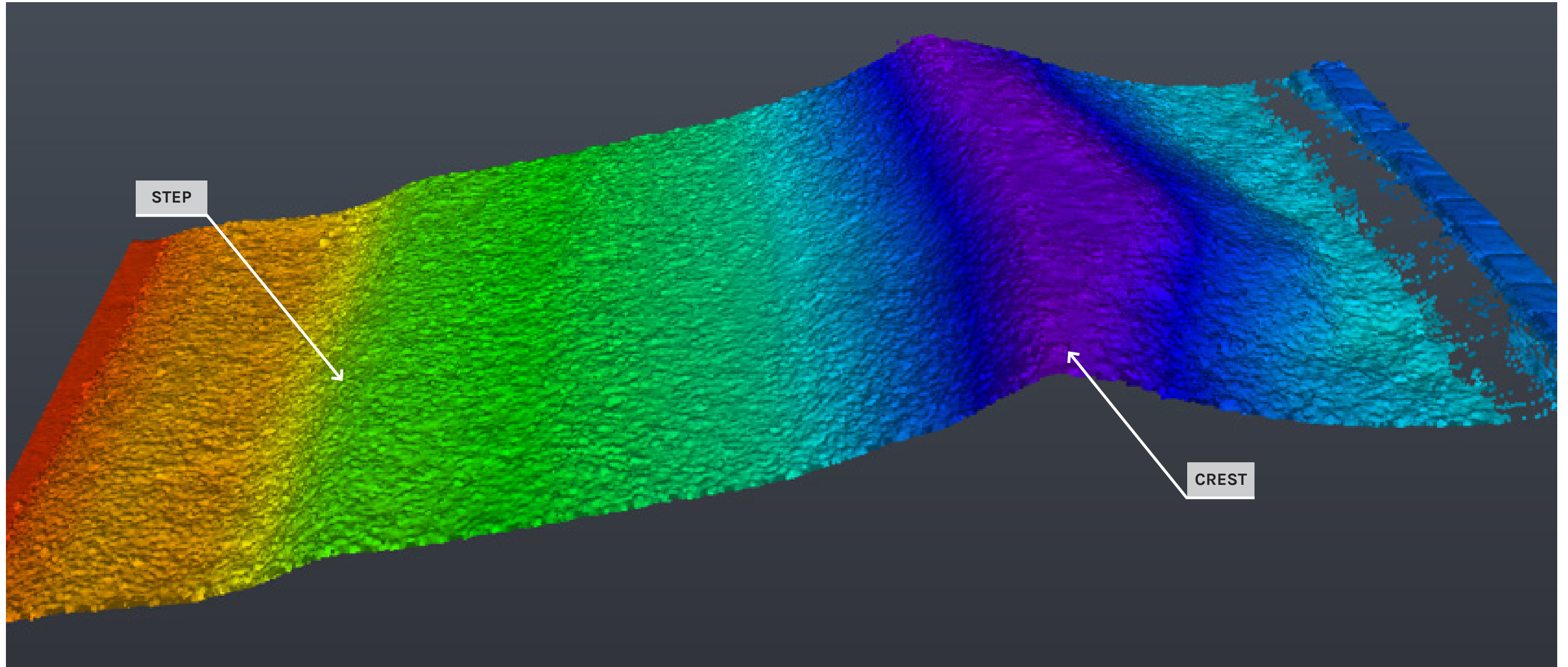
1:10 SCALE PHYSICAL MODEL TEST SET-UP



Offshore breakwater in foreground; dynamic revetment and stepped salvaged stone at rear.

1:10 SCALE PHYSICAL MODEL TEST

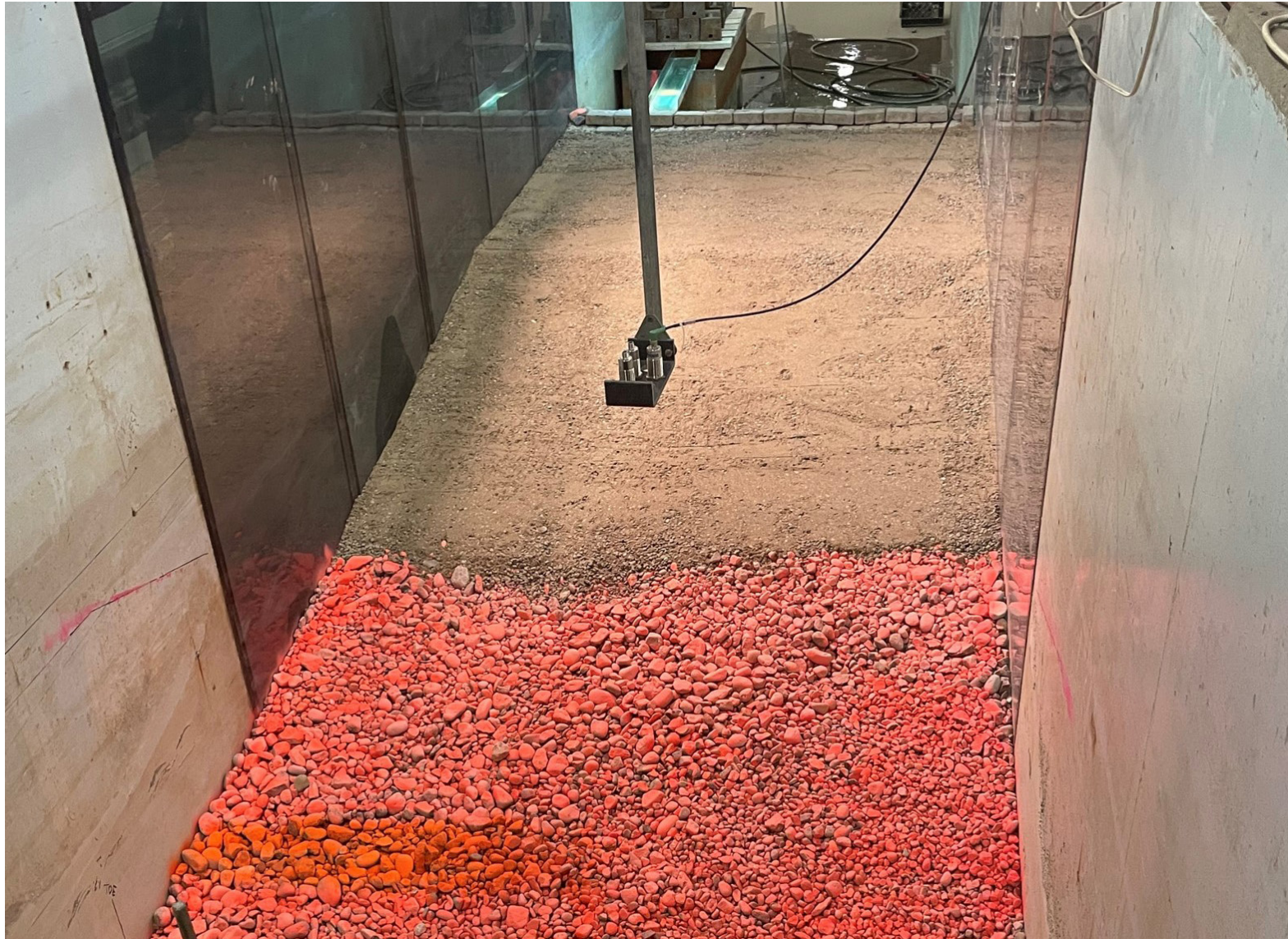
TYPICAL RESPONSE



3D image of dynamic revetment laboratory test section after a simulated storm.

DYNAMIC REVETMENT PHYSICAL MODEL

HIGH WATER LEVEL CONDITION; 10-YEAR STORM EVENT (SIMILAR TO JANUARY 2020)



Model setup before testing. Large cobble painted orange for monitoring.



After testing. Waves have moved and mixed cobble.

DYNAMIC REVETMENT PHYSICAL MODEL

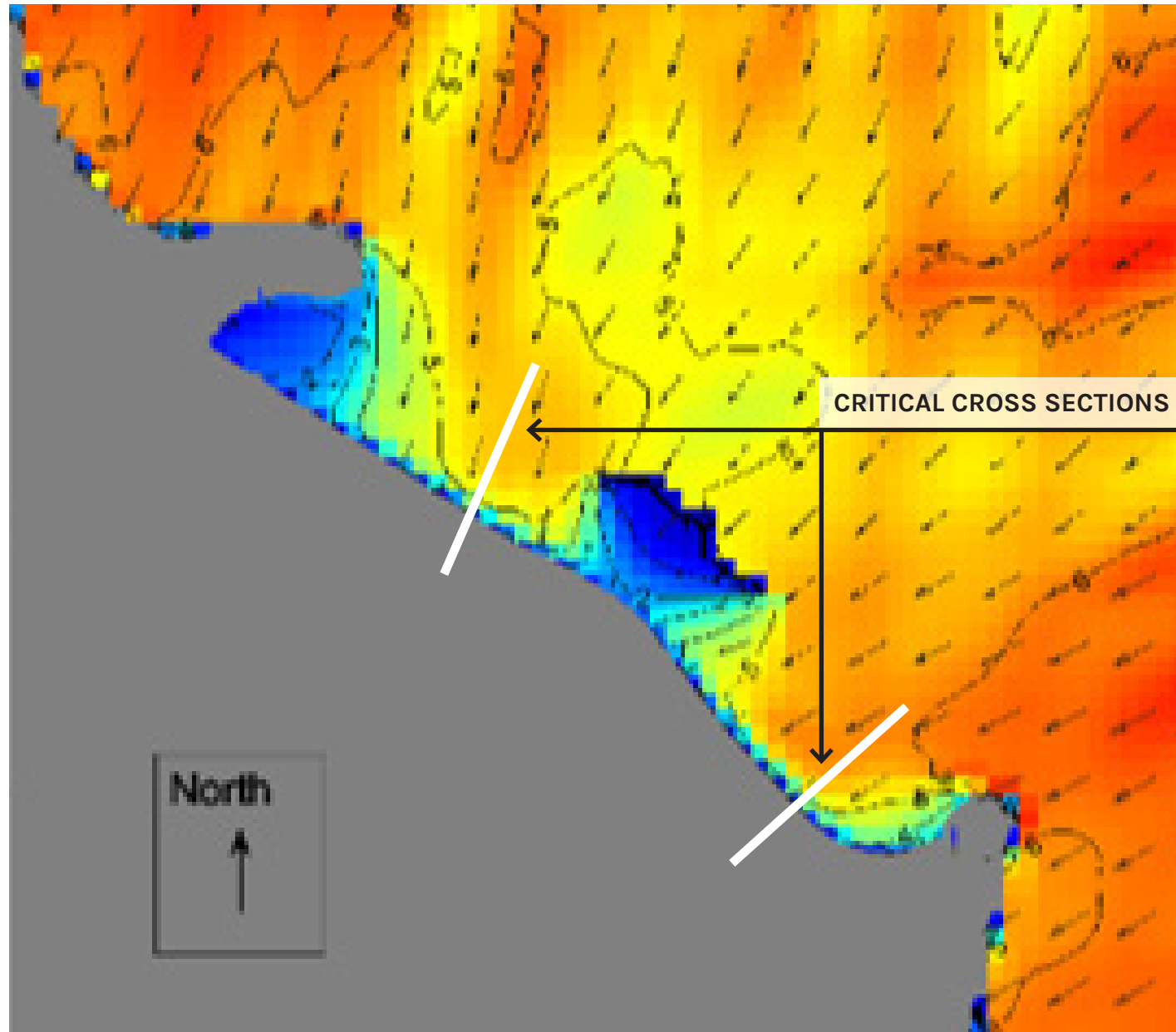
CRITICAL CROSS SECTIONS



- » Tests were carried out at critical cross sections, where the waves are the largest.
- » The image shows the locations of the critical sections.
- » Other locations will have smaller waves and will have less dynamic revetment reshaping.

DYNAMIC REVETMENT PHYSICAL MODEL

CRITICAL CROSS SECTIONS



- » This image is a map of the modeled wave heights close to the dynamic revetment.
- » Dark red and orange areas indicate the locations of the biggest offshore waves.
- » Yellow areas have smaller waves due to Morgan Shoal.
- » The blue areas are the most sheltered portions of the dynamic revetment.

DYNAMIC REVETMENT PHYSICAL MODEL PREDICTING ACTUAL BEHAVIOR FROM MODEL TESTS



Variations in water levels and waves have naturally sorted this cobble beach in Lake Superior. Similar dynamic behavior is expected at Morgan Shoal, and the dynamic revetment will evolve organically.



VISITOR EXPERIENCE

HEATHER GLEASON, CPD

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Public Restroom



Proposed restroom design, presented 2/22/24

"The community is seeking something special versus a cinderblock structure."

"Could you focus a few more weeks (or months) looking into different building materials and designs for the public restroom?"

- » The new public restroom does not use cinderblock. The walls and roof structure are proposed to be cast-in-place concrete.
- » A variety of building materials were explored in the design of the new public restroom. Importantly, the capacity of the Park District maintenance staff was considered so the building would be durable.
- » The benefit of this small amount of concrete is a longer lasting public restroom that will serve lakefront users for decades.
- » Using finished structural materials voids the need for additive sealants and coatings that eventually flake off, need recoating, and bleed into the surrounding environment.

2

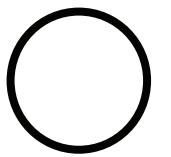
LET'S TALK ABOUT VISITOR EXPERIENCE Plaza



Proposed restroom design

"Please consider minimizing concrete at public restroom by reducing "plaza" area. Keep it quiet, "healing" area and as natural as possible."

- » The plaza area has been designed to provide an area of respite, with adequate space for gathering as well as adequate maintenance access.
- » The roof of the public restroom overhangs to create a shaded seating area over reused limestone blocks on the plaza and a small reprieve from DLSD, using the building itself to visually and audibly shield the seating area from the street.



2

LET'S TALK ABOUT VISITOR EXPERIENCE

Contemplative Spaces



12th Street Beach

" Adjectives: Spiritual, Secluded, Magical, Unique, Destination, Artistic, Creative, Organic."

"Go to 12th Street beach (hidden behind the planetarium)! It possesses the secluded/sunken/private/intimate feel which I hear the community vocalizing they seek."

- » 12th Street Beach also has a dune-inspired natural area at the south end similar to what is being proposed for Morgan Shoal.
- » The design team is investigating ways to enhance the dynamic revetment area with more "intimate" qualities, while preserving the primary coastal protection function.

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Education



Aerial of Lake Michigan

"The lakefront plan included a children's area at the wreck site with available periscopes and lenses allowing children to see fish, turtles, lake life."

- » Design team will investigate telescopes and other education fixtures (if sufficiently durable for the exposed location).
- » Educational signage with a focus on native coastal and near-shore habitat is being considered. Educational signage is a Park District staple, often installed after a capital project is completed.
- » There is also the possibility for a nature play installation, either part of this project or at a later date.

2

LET'S TALK ABOUT VISITOR EXPERIENCE

Pedestrian Access



Closeup of proposed overlook to Dynamic Revetment, presented 2/22/24

"How will you make the whole shoreline accessible, with at least some parts accessible for wheelchairs?"

"How will you provide access to walk, sit, fish, etc. beside the water?"

"Will we lose access to the shoreline? I cannot get across sloped stone revetment - it is inaccessible."

- » The existing shoreline is not "accessible". It is undermined, unstable, and actively deteriorating. The shoreline will still be accessible, with enhanced opportunities along both the dynamic revetment and overlook areas.
- » The entirety of the proposed path system is ADA accessible. The Park District's Disability Office is investigating additional access, for example at the Dynamic Revetment.
- » The project provides new and enhanced ways to engage with the lakefront. Increased parkland will provide opportunities for passive and active recreation adjacent to the water. The Dynamic Revetment will allow park goers to sit or walk along the waters edge, while areas like the stepped revetment will be suited for fishing. Improved pathways will facilitate equitable movement for all users.



NATURAL RESOURCES

HEATHER GLEASON, CPD

3

LET'S TALK ABOUT NATURAL RESOURCES

Tree Preservation

No trees to be cut during bat summer roosting season



Trees to remain and be protected (315)

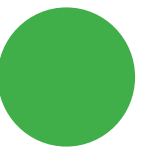


Of the (52) trees to be removed:

- 3 are in good condition
- 7 are in fair condition
- 18 are in poor
- 24 are small, immature



Approximately **149 new trees** with 3" diameter trunks will be planted to replace the trunk diameter of trees removed (sum of 447 inches)



3

LET'S TALK ABOUT NATURAL RESOURCES

Habitat Protection



A mudpuppy, whose habitat is along the lakefront of Lake Michigan

"How will you learn about and be creative about the existing wildlife on land + lake and on the lake?"

"What is being done to mitigate impact to bird/wildlife habitats?"

"How will you minimize the impact on the existing flora + fauna?"

"As you add lighting, please consider migratory birds + lawn and pollinators don't do well."

3

LET'S TALK ABOUT NATURAL RESOURCES

Habitat Protection



A mudpuppy, whose habitat is along the lakefront of Lake Michigan

- » The construction limits avoid Morgan Shoal itself, so there will be no impacts to that unique aquatic habitat
- » Temporary construction impacts to existing wildlife are being reduced by seasonal nearshore and tree-cutting restrictions.
- » Each of the three designated natural areas will be specifically focused on different flora/fauna.
- » Dark Sky guidelines and bird safety best practices were incorporated into the design of the public restroom.

3

LET'S TALK ABOUT NATURAL RESOURCES

Natural Areas



Burnham Wildlife Corridor

"The stretch from 45th - 48th has a lot of parkland. Why not make this part of the Burnham wildlife corridor?"

- » Habitat connectivity to the Burnham Wildlife Corridor was carefully considered when planning for natural areas at Morgan Shoal. The proposed areas of layered native plantings will extend habitat potential and provide additional ecosystem services to the area.
- » Native trees such as oaks are proposed for the new natural areas as they can support more species of butterflies and pollinators compared to the weedier tree species planned for removal.



SUSTAINABILITY & REUSE

MARK WAGSTAFF, SMITHGROUP

4

LET'S TALK ABOUT SUSTAINABILITY & REUSE

Pebble Reuse



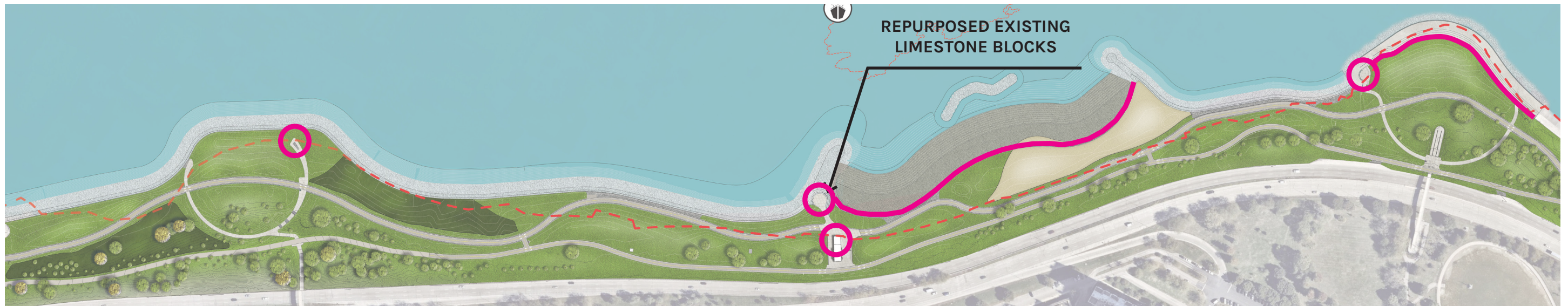
Storm damage resulting from inadequate shoreline protection, January 2020.

"Why not keep/re-use/be creative with the pebbles/rocks from 49th - 50th instead of importing a dynamic revetment?"

» The existing conditions offer inadequate protection from storm conditions. The project will salvage and re-use the existing pebbles incorporated into the new, expanded dynamic revetment.

4

LET'S TALK ABOUT SUSTAINABILITY & REUSE Repurposed Existing Carved Limestone Blocks



Generations of park visitors have left their mark on many of the existing limestone blocks. As part of this project, hundreds of existing blocks will be carefully salvaged and reused as seating or as part of the terrace at the dynamic revetment. The design team is investigating additional reuse opportunities.

4

LET'S TALK ABOUT SUSTAINABILITY & REUSE STONE VS. CONCRETE REVETMENT

COMPARISON BY LENGTH

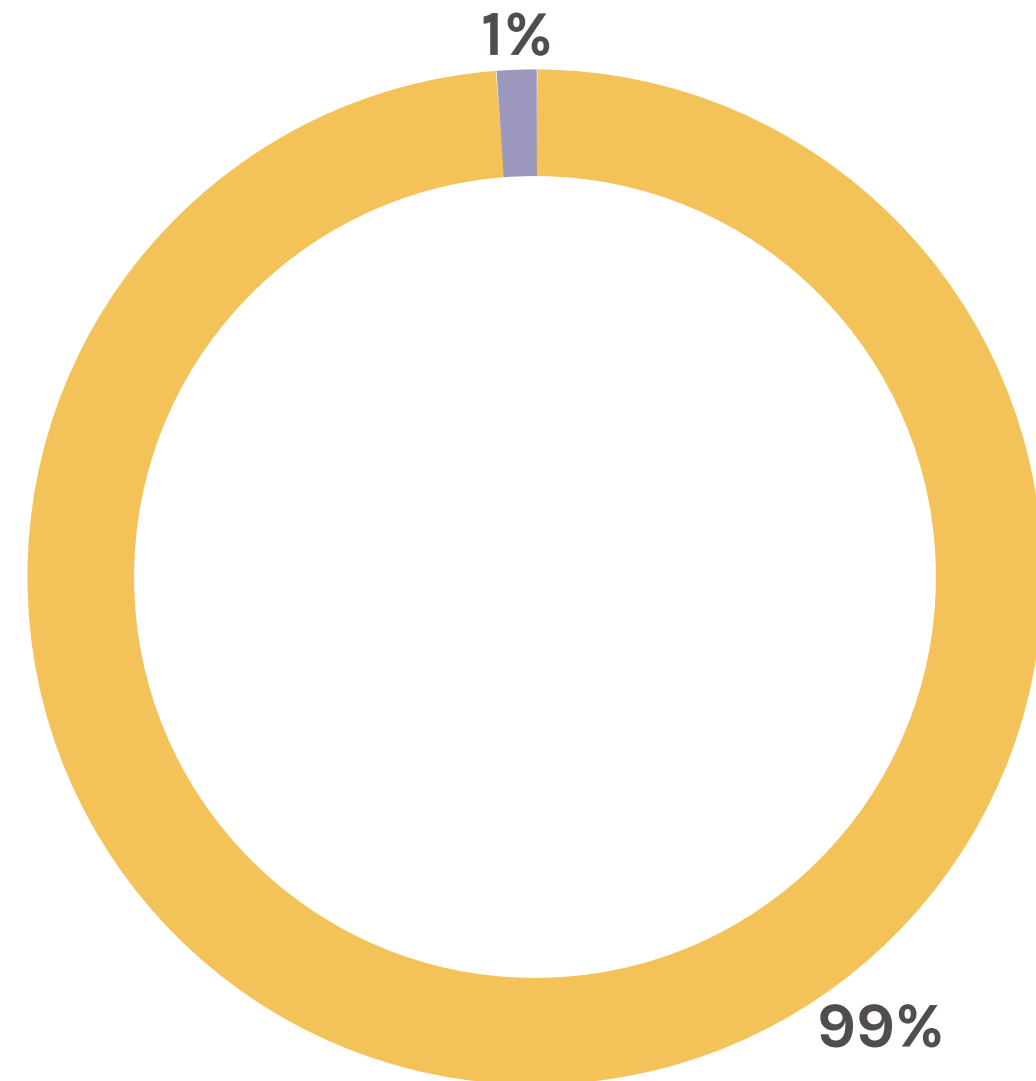


4

LET'S TALK ABOUT SUSTAINABILITY & REUSE STONE VS. CONCRETE REVETMENT

COMPARISON BY VOLUME

- » 250,000 Cubic Yards of **Stone**
- » 2,900 Cubic Yards of **Concrete**



An aerial photograph of a city coastline. In the foreground, a multi-lane highway runs parallel to a green park area. The park has a winding path and a baseball field. To the right is a large body of water. In the background, a city skyline is visible under a hazy sky.

CONSTRUCTION PLANNING AND LOGISTICS

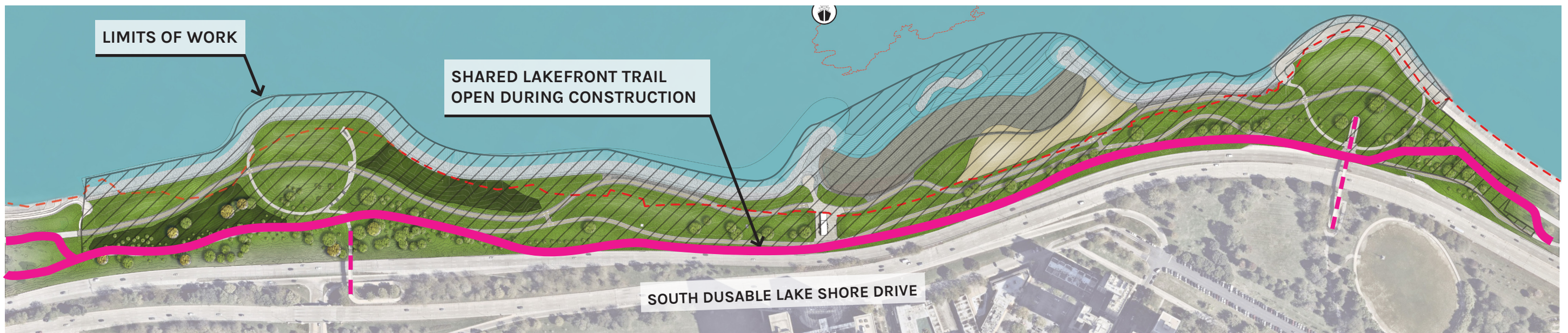
RAY GIDEROF, PBC

5

LET'S TALK ABOUT CONSTRUCTION LOGISTICS Access During Construction

"As someone who bicycles toward the loop, often several times a week for about 8 months. I am dreading the disruption and will appreciate all you can do to create alternate access and provide good signage; reduce my exposure to diesel please."

- » A shared trail east of DLSD will be established to avoid any disruptions to daily use by residents.
- » Prior to Contractor mobilization, a detailed Site Logistics and Usage Plan will be developed. The Plan shall include proposed temporary construction elements and facilities, signage, traffic control and construction flaggers for the duration of the Project. The Plan will be shared with the Community for awareness.



5

LET'S TALK ABOUT CONSTRUCTION LOGISTICS Prequalifications



"In regards to the PBC efforts to get prequalifications, will those prequalifications for bidding packets be made public when issued? If not, why not?"

» Upon completion of the General Contractor pre-qualification process, the information will be available to the public.

5

LET'S TALK ABOUT CONSTRUCTION LOGISTICS

Construction Cost Estimate



Aerial of Morgan Shoal project area

"The projected cost for the 110-135 million -- who will pay for that (in terms of federal verses city, state breakdown)."

- » Regarding the construction cost, according to the Water Resources Development Act of 2022, the federal government is required to pay for 65% of the steel sheet pile and step concrete revetment plan for Morgan Shoal recommended in the 1994 Feasibility Study. The 1994 plan will not be built although it remains the basis for the cost share agreement. The City and USACE will agree on what it would have cost to determine the final cost share, which is expected to still be about 65% Federal – 35% Local.



NEXT STEPS

RAY GIDEROF, PBC

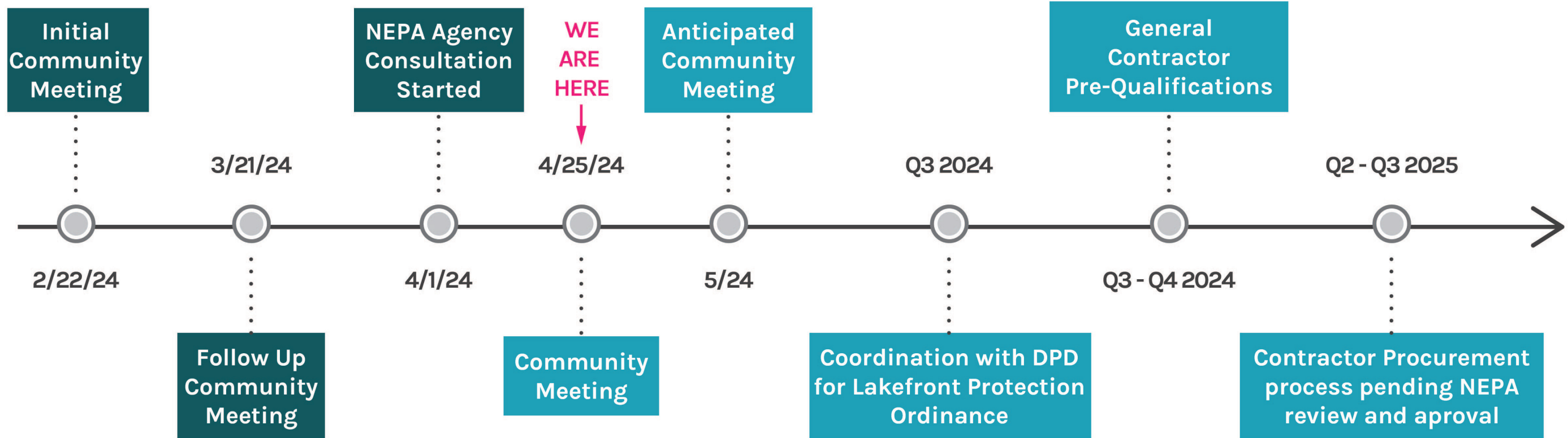
PROJECT SCHEDULE MOVING FORWARD

2024

Community Engagement and Outreach*

2024 - 2025

Start April 1, 2024: NEPA Process and Permitting through SHPO, IDNR



*Community and stakeholder updates will continue throughout the duration of the project.



Link to PBC Project Page

THANK YOU

We appreciate the active participation and care for the project.

For more information, please contact
PBC@PBCChicago.com or call (312) 744-3090
www.pbcchicago.com/projects/Morgan-shoal-project



DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
COMMENT/QUESTION CARDS				
1 Michael Scott		mjscottuic@gmail.com	One of the best things about Pebble beach is that when you are at the shoreline behind the stepped stones you are sheltered from the noise of DuSable Lake Shore Drive. Can the dynamic revetment provide access to the lake and also be protected from the sights and sounds of DLSD? To me the obvious solution is <u>limestone</u> stepped stones with a beach at the bottom.	AOR/EOR, CDOT
2 Michael Scott		mjscottuic@gmail.com	Does the team have any experience with limestone seawalls? I do not understand why the new revetment must be concrete, which seems to be an assumption of all this work. I know that they are still quarrying limestone and I know that there are people who know how to build with limestone.	AOR/EOR, CDOT
3 Deb			[Recorded by LZ] construction impact on the community. Obama Library fumes from vendor trucks; impact on health. Accessibility location and study. Oppositional vs. cooperative connection to all the construction projects. Lawn scale is hard to understand (kite flying?). Concrete plaza gives scale of event rental to the revenue. Uninterrupted views and public art.	PBC, CDOT
4 Betsy Mensah	AMS (Advocates for Morgan Shoal)	bammensah@gmail.com	As SHPO has dictated all limestone blocks need to stay on site. Ways you can use them: 1) Put them on the dynamic revetment right at the water line. 2) use them as a step level closer to the water in front of the sloped armor stone. 3) put a row of limestone in front of the armor stone to increase water access. 4) Let limestone blocks be scattered over the dynamic revetment. 5) Don't put the stepped revetment so far back from the shore. Limestone is great for wave control, as it has stood there for 99 years. 6) keep the eroded limestone currently by the water and place it by the water at the new beach.	AOR/EOR, CDOT



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
5	Betsy Mensah	AMS (Advocates for Morgan Shoal)	bammensah@gmail.com	Why are you so interested in outlooks? The community wants to be by the water. A lower step can be built on the lakeside of every part of revetment. Re-use the limestone, make the shore accessible.	AOR/EOR, CDOT
6	Amanda Englert	Advocates for Morgan Sh	xipamanene@hotmail.com	There is a serious disconnect that I'm beginning to understand arises from prioritization. You appear to be approaching the sapce in terms of ease of management: maintenance truck access, safety sightlines (?), "can't just be out in nature". We are approaching this in terms of <u>usage</u> - joy, recreation, communion with NATURE. Please hear us! let's go for a walk.	AOR/EOR, CDOT, CPD
7	Ward Miller	Preservation Chicago	wmiller@preservationchicago.org	Just hoping to clarify that Promontory Point will be repaired and restored with [not readable] limestone blocks?	USACE/CDOT
8	Anonymous			It's <u>OUR</u> Lakeshore, Listen! Answer people's e-mails! (Yes, it is contentious)	PBC
9	Joyce Stone	Community Member		Many community members are aging. More benches are needed, as many people need to rest. Benches need sturdy arm rests, as some need them to safely stand back up. Benches are also good just for looking. Contractors: Union? Union, yes.	CPD, PBC
10	Joyce Stone	Community Member		The shoal and the boiler from the 1914 shipwreck need to be preserved. Living across the street, I can see that in good weather the shipwreck gets visited by many people all day	AOR/EOR, CDOT
11	Joyce Stone	Community Member		Many people come on bicycles. There is a tremendous shortage of bike racks. People often carry bikes to hidden places, and lock them to themselves. Often they are stolen.	CPD



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
12	DD Klionsky	Save The Point	devoraklionsky@gmail.com	We don't want to look at the lake - we want to continue <u>using</u> it, <u>swimming</u> in it, etc. We really need a construction plan that takes into account community needs and uses. We in this community have said loud and clear that the current plan does not do that.	CPD
13	Jack Spicer	Promontory Point Conservancy	jackspicer@earthlink.net	Why not make the entire mile run a dynamic pebble revetment so the entire water's edge is accessible?	AOR/EOR, CDOT
14	Joy Clendenning	Advocates for Mishigami Shoal	jmcstuff123@gmail.com	Why not keep all of the trees and plants even those considered "weeds" - many of which are large (51st St area) or special (elderberry at 51st area).	AOR/EOR, CDOT, CPD
15	Joy Clendenning	Advocates for Mishigami Shoal	jmcstuff123@gmail.com	Who/how does Latent do community engagement? As a taxpayer I request that Latent Design use some of the funds they have received to run focus groups to incorporate current community input. And come outside to walk the area with us.	PBC, CDOT, USACE



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
16	Joy Clendenning	Advocates for Mishigami Shoal	jmcstuff123@gmail.com	Who/how does SmithGroup do community engagement? As a taxpayer I would like SmithGroup to use some of the many million \$ contract to do focus groups with the current community. And to spend significant time outside at the lakefront with community members.	PBC, CDOT, USACE
17	Joy Clendenning	Advocates for Mishigami Shoal	jmcstuff123@gmail.com	At future meetings can each employee wear a prominent nametag: Name, Organization, Role (USACE, PBC, CDOT, CPD, Latent, Smith, and any others)	PBC
18	Joy Clendenning	Advocates for Mishigami Shoal	jmcstuff123@gmail.com	Please be very exact and clear about using the terms "stepped stone" versus "sloped stone" - I cannot walk on sloped stone - and want you to be very clear about where you are proposing using sloped stone. Please stop saying the sloped stone revetment is consistent with the 2015 plan. The 2015 plan called for stepped stone revetment. And we know from the Promontory Point Conservancy engineering study that a limestone revetment <u>can</u> work.	AOR/EOR
19	Umnia	Chicago Resident / Swimmer	umniakhan@gmail.com	You are NOT listening to us! My t10 year old niece loves this beach because it feels wild to her. Stop santizing spaces just make the existing safer. Thats it. No SmithGroup Update not Remake	CPD
20	huu ngyuen		huuzinha@gmail.com	Where can we see the list of trees that will be planted? Are they native? What about native trees, specifically edible natives like serviceberry and elderberry bushes?	CPD
21	Naomi Kionsky	Lifelong Pebble beach and Point goer	{not legible}	Priority is to touch the water. the revetment must be a resilient material whose texture and size is amenable to walking over with <u>bare feet</u> , or rolling over on small wheels	CPD
22	Betsy Mensah	AMS	bammensah@gmail.com	The original revetment was walkable from 47th to 51st and beyond. Why not design it that way? That is what the Memorandum of Agreement states must be done	AOR/EOR



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
23 Betsy Mensah	AMS	bammensah@gmail.com	Thank you for showing the modeling of the dynamic revetment. Where is the modeling of the "detached breakwater"? I'm skeptical of why it's needed or what it's for. Limestone on shore might accomplish the same ends.	AOR/EOR
24 Jack Spicer	Promontory Point Conservancy	jackspicer@earthlink.net	Every bit of the water's edge that isn't "dynamic revetment" is rip-rap. Rip rap makes the water's edge <u>in</u> accessible. True? Why are you making most of the water's edge <u>in</u> accessible?	AOR/EOR
25 Tchiya Amet		tchiyaamet@gmail.com	You can use other materials for the revetments. You can design the area as a NATURAL HEALING SANCTUARY	CPD
26 Tchiya Amet		tchiyaamet@gmail.com	Instead of prohibiting swimming install signs that say "Swim At Your Own Risk", "City of Chicago is Not Responsible for Loss and Injury" etc. Concrete only lasts 30 years.	CPD
27 Tchiya Amet		tchiyaamet@gmail.com	Are you pouring concrete in the lake and covering with imported sand a fake pebbles?	AOR/EOR, CDOT



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #3 4/25/2024

Project No.: 22703

Question and Comment Cards Project No.:

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
28 Tchiya Amet		tchiyaamet@gmail.com	We are Human Beings and we have the right to swim in natural spaces. No lawns, no sand, no concrete. Dynamic Revetment is PEBBLE BEACH. We the swimmers have no place else to go. We do not want imported sand. If you must pave, you can use hemcrete. You can use trees for the revetment instead of concrete.	CPD
29 Tchiya Amet		tchiyaamet@gmail.com	Why does the sacred site have to look like every other beach? You have the opportunity to do something Natural and Healing. WE ARE the wildlife you are trying to protect. We don't need the junk you have planned. We want a healing space for yoga, meditation, prayer, peace. People can go play at the other beaches.	CPD
30 Bill Swislow		bill@swislow.com	As soon as possible, how many carvings are expected to be preserved in the current plan?	AOR/EOR
31 Roberta Trotter	Resident Lake Park Place	robertatrotter8220@comcast.net	1. How often are the burns performed. 2. What species are affected (trees, birds, other wildlife) 3. What infrastructure is impacted by this revetment.	CPD

An aerial photograph showing a body of water on the left and a rocky shoreline on the right. A concrete revetment structure runs along the shoreline, separating the water from a paved area. The water is a deep green color, and the rocks are light-colored and jagged. The concrete structure is a mix of grey and yellowish-brown.

MORGAN SHOAL COMMUNITY UPDATE

**Morgan Shoal
Revetment Reconstruction
45th Street To 51st Street**

Published 2024

The Purpose of this Document

The purpose of this document is to summarize the project work to date, identify key design components, and provide an overview of main topics that the community has highlighted. We invite your continued engagement with this project to protect the lakefront and public park.

Agency Stakeholders



Public Building Commission of Chicago



Chicago Park District



US Army Corps
of Engineers

US Army Corps of Engineers



Chicago Department of Transportation



4th Ward



5th Ward





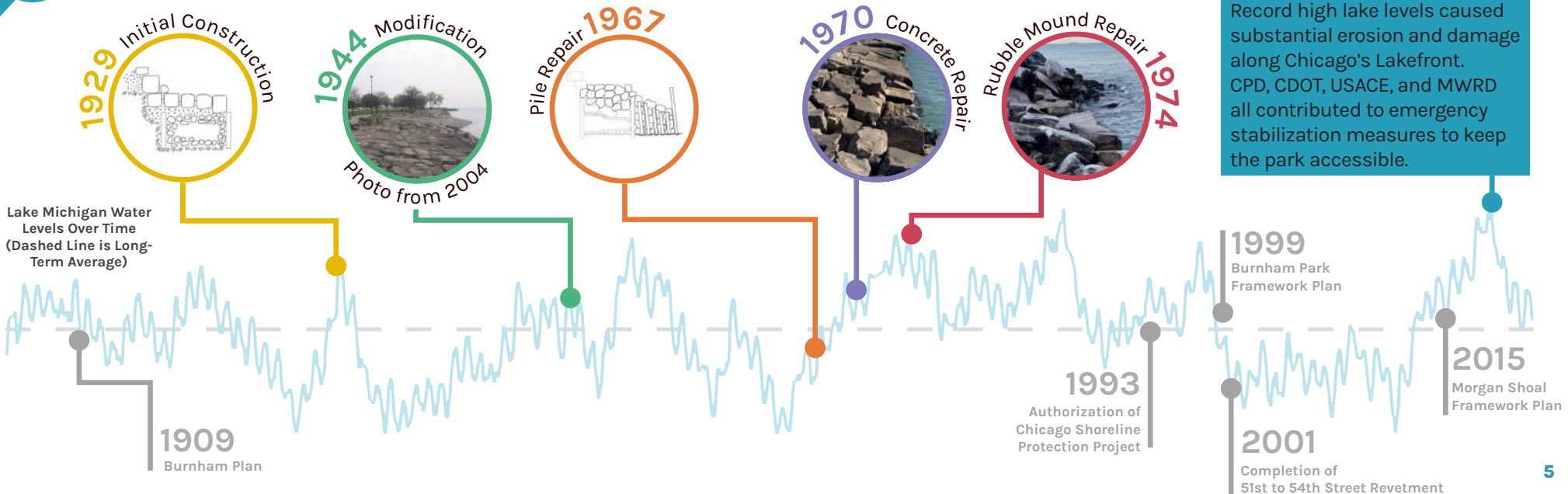
What is Morgan Shoal?

A shoal { SHŌI } is a raised area of exposed bedrock under the surface of the water. At Morgan Shoal, bedrock comes within a few feet of the water's surface. This project, named after the shoal located close to this lakefront segment, has the primary objective of protecting the Chicago shoreline for all users from flooding and erosion.



More info at Board 1

Morgan Shoal Shoreline History



Record high lake levels caused substantial erosion and damage along Chicago's Lakefront. CPD, CDOT, USACE, and MWRD all contributed to emergency stabilization measures to keep the park accessible.

Know Your Shore Protection Systems

Sketches are modified from Chicago Park District archive engineering drawings.

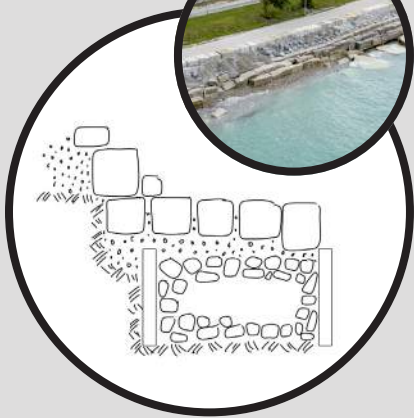
Original Construction

50th Street



Timber Crib and Stepped Stone

- Used for construction of most of Chicago's revetments pre-1940s
- Limestone is a durable material
- Promenade level typically about 12-15 ft wide
- Timber piling is subject to rot and deterioration, especially when lake levels drop
- Surface is walkable unless foundation is undermined, and/or stones are displaced
- Used for 45th Street to 51st Street area repaired, augmented, and rehabilitated several times.



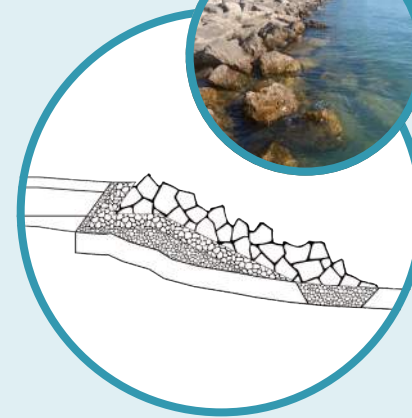
Proposed Construction

Lincoln Park (Irving Park Road - Montrose Avenue)



Armor Stone

- Not commonly used along Chicago lakefront.
- Armor stone size depends on wave exposure.
- Structure width depends on lake bed depth.
- Surface is not walkable.
- Upper levels away from breaking waves can incorporate salvaged stone.
- Feasible regardless of bedrock conditions.

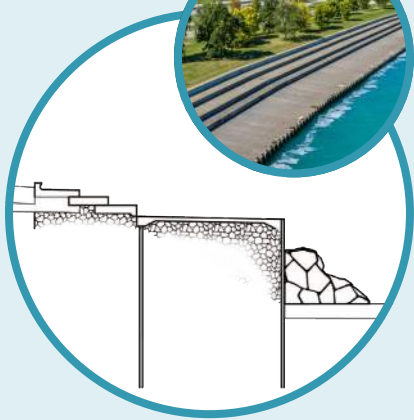


53rd Street



Sheet Pile and Stepped Concrete

- Used for more recent construction in 1950s and 1960s, as well as for most of the recent lakefront rehabilitation.
- Concrete and steel are durable materials.
- Promenade level typically about 25 ft wide.
- Surface is walkable and ADA-compliant.
- Not technically feasible where bedrock is close to the surface.

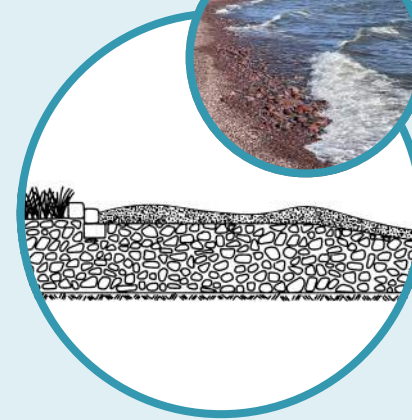


Keweenaw Peninsula, Lake Superior



Dynamic Revetment

- Not a static structure - will be reshaped by waves and currents.
- Much flatter and wider than typical armor stone revetment.
- Surface is uneven, but walkable.
- Feasible only in sheltered and relatively shallow locations.



2024 Recent Engagement

February 22, 2024
Project team presented the in-progress design status of coastal engineering, public restroom, and landscape architecture. The public submitted comment cards with questions and shared fond memories of the area.



March 21, 2024
Project team presented the comments received from the first meeting and identified areas of opportunity to incorporate feedback. Neighbors shared areas of concern and new questions.



April 25, 2024
Design team engineers presented the science behind the coastal protection. New attendees and previous attendees requested additional engagement opportunities.

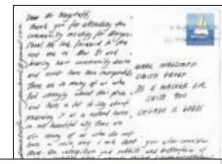


City officials and local advocates met to walk the lake.

June 20, 2024
Open house conclusion to this series of engagement. The project team will take all of the comments received from February to date to make recommendations for next phase of engagement.



Design team and City officials received postcards from community throughout engagement series



Design Changes Inspired by Public Comment

2015 Framework Plan w/ Community Engagement

Identified goals of protecting the shoreline, installing various natural areas, and expanding access to the water.

Initial 2024 Plan

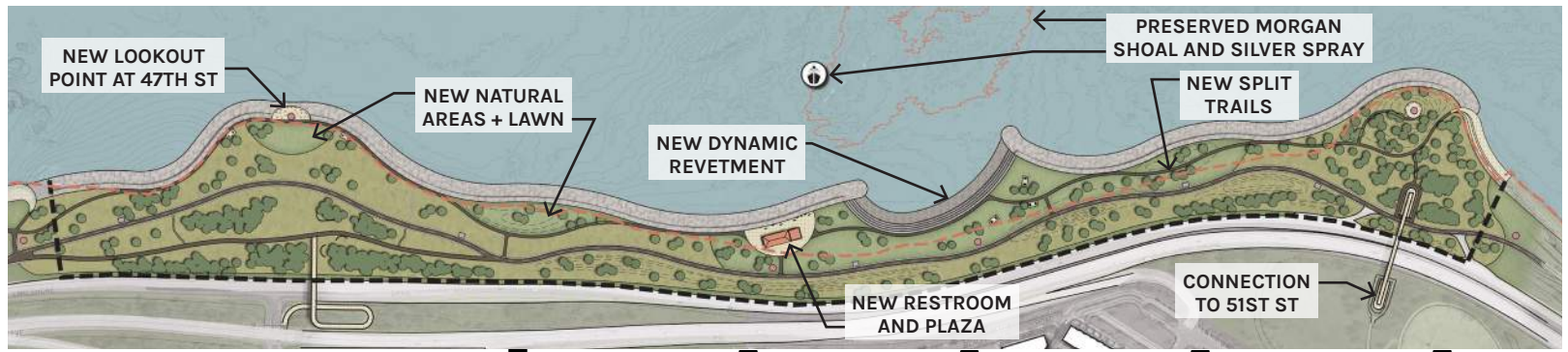
PBC selected a design team to advance the Framework Plan with more detailed analysis and engineering.

Future Design Changes Per 2024 Community Input Project

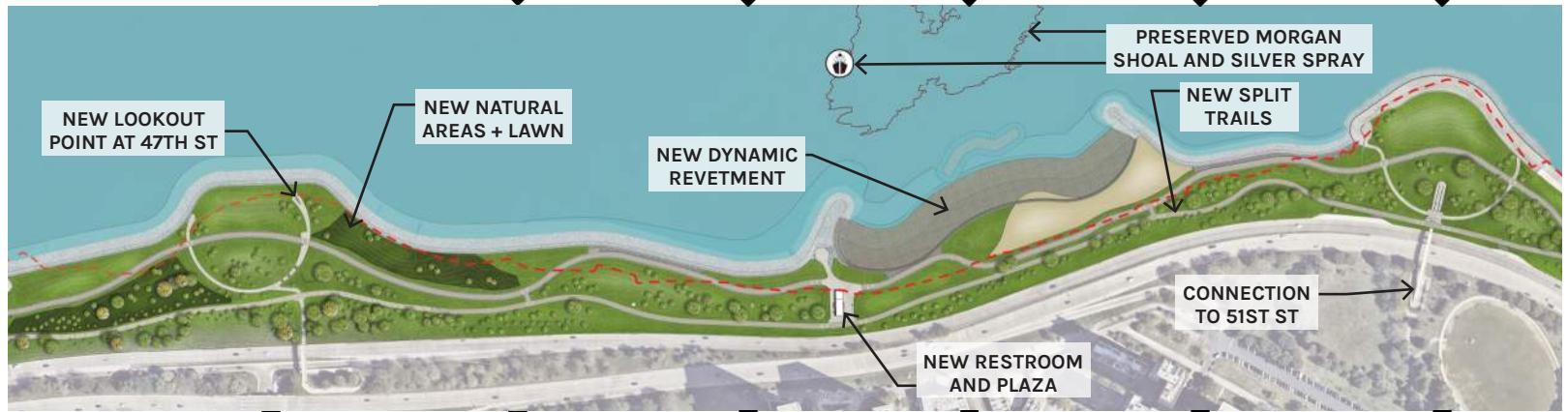
is continuing to evolve based on feedback received during this initial series of engagement, as well as permitting agency comments.

More info at Board 4

Framework Plan 2015



Initial 2024 Plan



Design Changes in Progress



Material Reuse

North End Limestone Blocks



Existing: Very large (10 tons) quarried limestone blocks placed as temporary protection during earlier 43rd to 45th Street Project (2012).

Proposed: Limestone blocks will be salvaged and used to create uniform edge condition along new armor stone revetment adjacent to restored park.

Broken Concrete / Rubble



Existing: Varied sizes and material types, including stone, concrete, and other construction materials.

Proposed: Solid fragments can be used as fill under the proposed new permanent structures to reduce the need for importing new material.

Sand from TrapBags



Existing: Temporary "TrapBags" placed in 2020 to protect parkland from erosion are filled with "bird's eye" sand.

Proposed: Clean sand from the TrapBags can be salvaged and used as fill for the dynamic revetment to reduce the need for importing new material.

Carved Limestone



Existing: Limestone blocks from the original 1920s/30s construction or later additions (e.g. 1940s "Paved Beach") are decorated with carvings and inscriptions from prior lakefront users.

Proposed: Blocks with culturally significant carvings will be repurposed as seating, and also spread through the park.

Pebbles



Existing: Wave-rounded stone and concrete remnants from deteriorated revetments and other eroded parkland.

Proposed: Pebbles will be salvaged and reused within the upper layer of the new dynamic revetment.

Small / Irregular Limestone Pieces



Existing: Remnants of previous revetment structure that have either broken up and/or been dislodged and shaped by the waves.

Proposed: Not suitable to reuse in the stepped revetment at the back of the dynamic revetment, but can be placed on the new, expanded pebble beach as seating.

Large Concrete Blocks



Existing: Temporary concrete blocks, mostly placed in 2020 to provide emergency flood protection so lakefront trail and other amenities could remain open.

Proposed: Preferred usage is buried as a foundation for the salvaged limestone stepped revetment.

Large Limestone Blocks



Existing: Intact limestone blocks from the original 1920s/30s construction.

Proposed: Salvage intact and use to create stepped revetment at back of expanded pebble beach, and along the parkside of the concrete ADA transition structure.

Park Landscaping Materials



North of 47th Street Aerial



Proposed Savanna

- Preserve and augment existing trees with additional native trees such as Bur Oak, and Chinkapin Oak.
- Add understory layer of shrubs such as Chokeberry, Witch Hazel, Sumac and Arrowwood.
- Wide range of perennials and grasses at ground plane. Layered vegetation is a particularly beneficial habitat for migratory birds.

Proposed Prairie



- Area is currently heavily eroded and covered in rubble and concrete debris.
- Predominant plantings will be perennials and grasses such as Milkweed, Wild Indigo, Sunflower, Horse Mint, Compass Plant, Aster, Prairie Dropseed, and Little Bluestem.
- Occasional shrubs and trees such as Dogwood and Bur Oak.



South of 47th Street Aerial



48th Street Aerial



Proposed Arboretum

- Preserve mature trees, augment with new shade trees, and restore parkland with turf grass.
- Use salt-tolerant varieties adjacent to DuSable Lake Shore Drive.



49th Street Aerial



Proposed Dune

- Almost zero existing vegetation at this location.
- Create new dune habitat to replicate original Chicago lakefront ecosystem with predominantly perennials and grasses such as Prairie Onion, Beach Grass, Canada Wild Rye, Porcupine Grass, Wild Strawberry, Blazing Star, June Grass, and Indian Grass.

- Due to narrow land posing planting challenges, preservation of existing mature trees that are currently between bike and pedestrian path will occur.
- Augment this area with new shade trees.
- Use salt-tolerant varieties adjacent to DuSable Lake Shore Drive.

Protected Trees



50th Street Aerial



51st Street Aerial



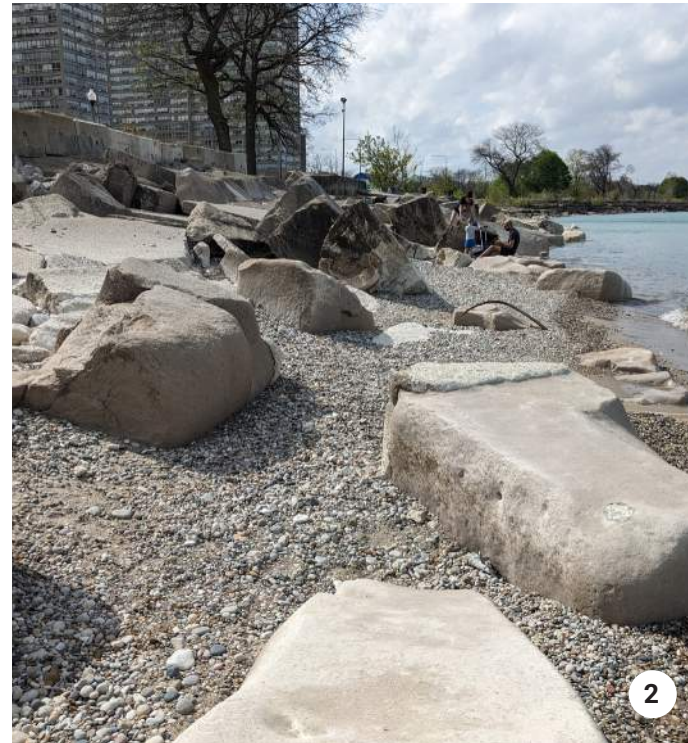
Restoration

- Preserve existing mature trees in the vicinity of the 51st Street Bridge landing.
- Restore the disturbed area with a mix of lawn, trees and native plantings.
- Native oaks planted in this area will support over 534 different species of native butterflies and pollinators.
- Blend with adjacent area to the south to remain.
- Plant low areas with wet-tolerant species.
- Turf lawn will allow for different forms of recreation by the water.

PEBBLE BEACH (DYNAMIC REVTMENT)

DESIGN EVOLUTION

- All existing pebbles will be salvaged and re-used in the new, expanded pebble beach
- Existing limestone blocks will be added to the new pebble beach to create seating areas
- Construction of dynamic revetment will use smooth, rounded pebbles
- History: Natural replenishment over lifetime of ecosystem



1: Conceptual site plan. Offshore breakwater and headlands will stabilize the beach during storms

2: Existing pebble beach ephemerally expands with low waters and recedes during storms

3: Conceptual rendering. No part of the new pebble beach will be paved (except to provide ADA access)

DRAFT CONCEPTUAL RENDERING



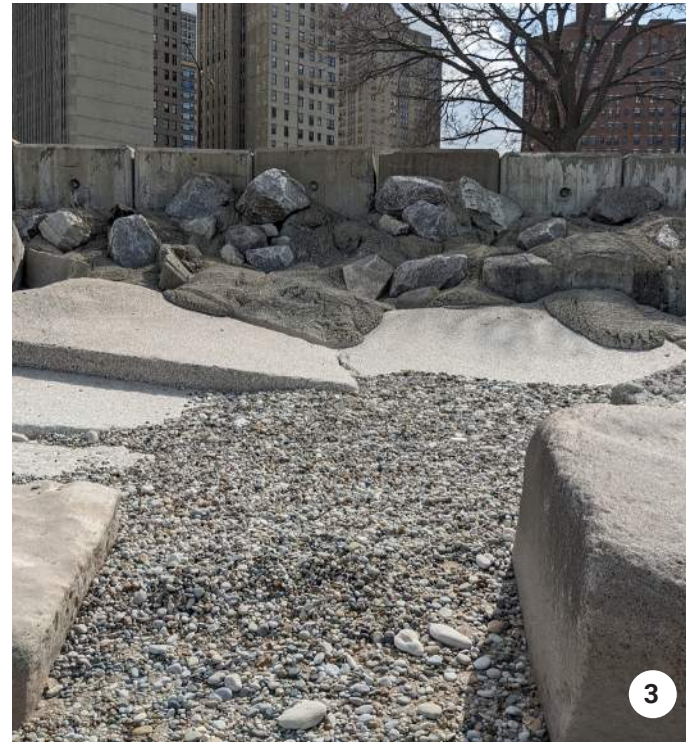
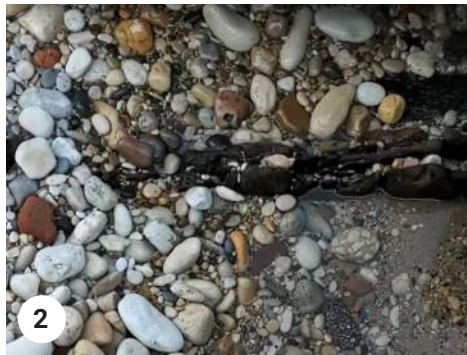
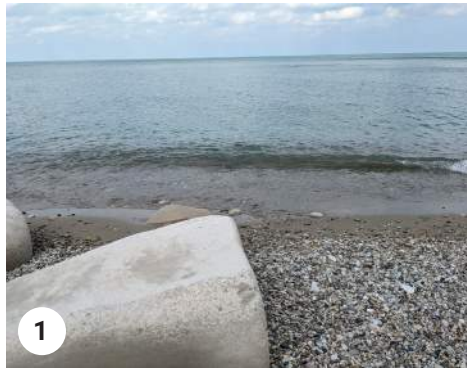
2024 COMMUNITY INPUT

- Save and reuse the existing pebbles
- Places to sit, lay on rocks, touch the water
- A place to be away from the city
- “Not so engineered” natural feel to the new pebble beach

QUIET + SECLUSION AT PEBBLE BEACH

DESIGN EVOLUTION

- Increased highest point to 4 ft before sloping back to water
- Height of salvaged limestone block steps at the back of the pebble beach can be increased to provide additional traffic noise mitigation
- Provide additional physical, visual buffer from DuSable Lake Shore Drive



1: Waves washing up to the pebbles on pebble beach

2: Existing pebbles to be salvaged and reused

3: Pebble beach visually and audibly separated from DLSD. 3 ft elevation difference created from water to sidewalk at pebble beach from temporary repairs

4: Conceptual rendering of arranged relocated limestone blocks

DRAFT CONCEPTUAL RENDERING



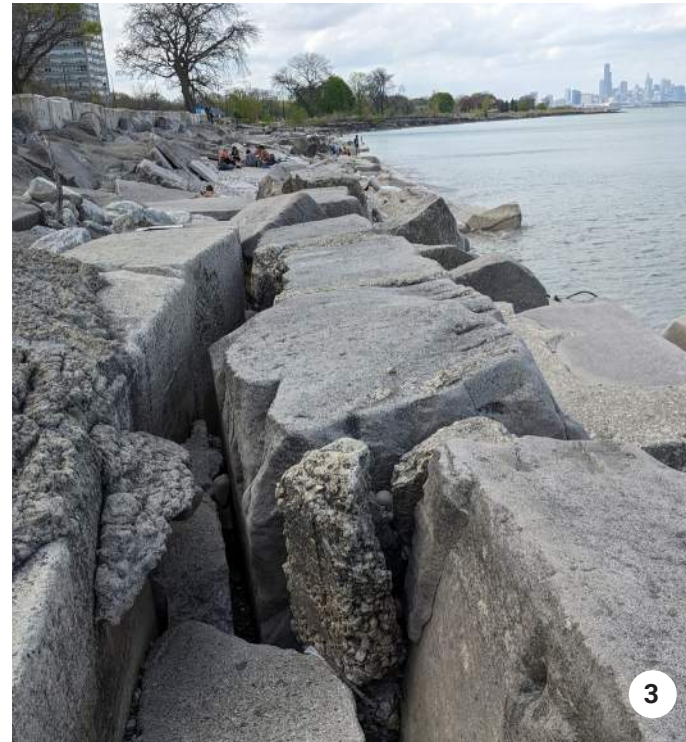
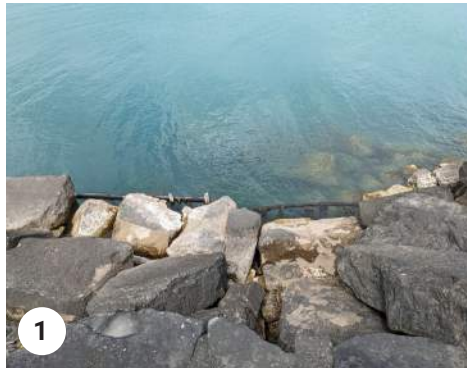
2024 COMMUNITY INPUT

- Healing
- Protected
- Natural
- Cozy
- Quiet
- Salvage + creatively reuse as much found materials from pebble beach as possible, such as pebbles, etc.

POTENTIAL ADA ACCESSIBILITY AT PEBBLE BEACH

DESIGN EVOLUTION

- ADA accessibility is desired from 2024 community meetings
- Accessibility is being studied with Chicago Park District's Disability Office
- Larger size of dynamic revetment / pebble beach increased amount of shoreline and places to bring people to the water's edge



1: Lake Michigan edge at existing timber crib and stepped stone revetment

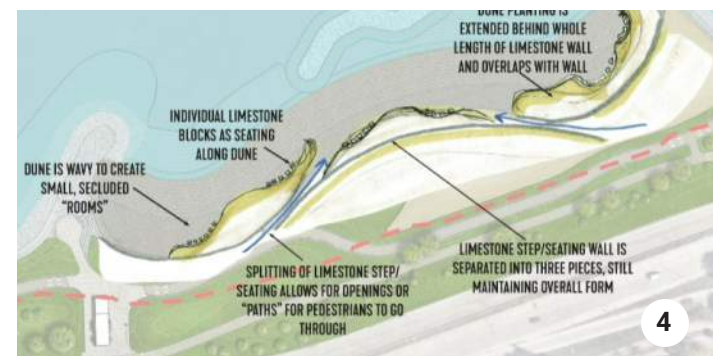
2: Temporary protection currently blocking people from the water's edge

3: Current pebble beach is not ADA accessible

4: Concept sketches exploring ADA accessibility points and more irregular forms in response to community input

2024 COMMUNITY INPUT

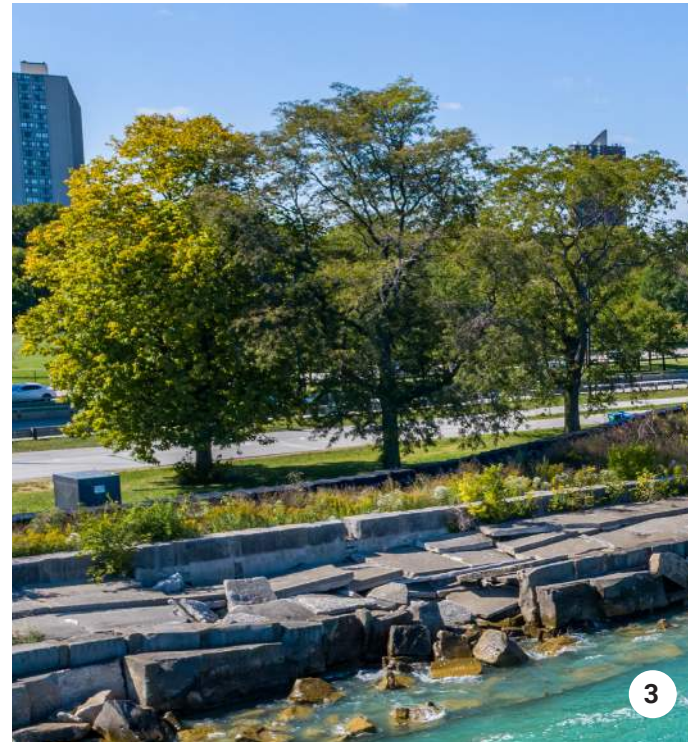
- More secluded places to be right by the water, for everyone



RATIO OF NATIVE PLANTING + LAWN AREAS

DESIGN EVOLUTION

- Three distinct native areas proposed: Dune, Savanna, and Prairie
- Footprint of natural areas will be expanded beyond the currently proposed
- Construction schedule aims to impact animal behaviors and habitats as minimally as possible per CPD and agency requirements
- Roughly +/- 2 acres is minimum for native planting areas, maintained by Chicago Park District



1: Wilmette Beach Dune natural area

2: Jackson Park Prairie natural area

3: Existing mature trees to remain and be protected during construction

4: Burnham Nature Sanctuary Savanna natural area



2024 COMMUNITY INPUT

- More natural areas
- Support natural habitats for pollinators, birds, bats, and other animals

LIMESTONE / ROCK CARVINGS

DESIGN EVOLUTION

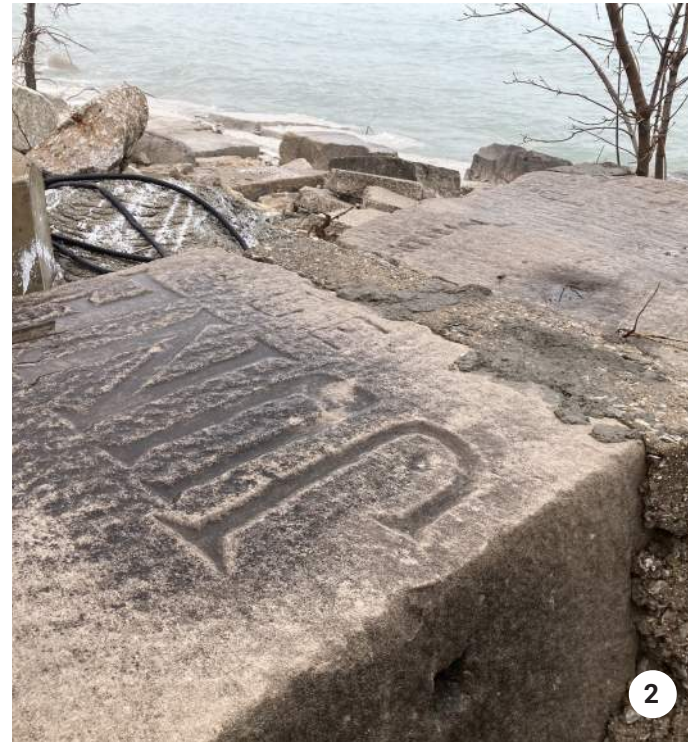
- Existing limestone blocks with culturally significant carvings will be salvaged
- Re-use opportunities include as part of the stepped revetment, as seating, or distributed through the park



1



2



2

1: 48th Street existing stone revetment. In 2022, a survey was conducted to inventory carvings

2: Examples of carvings found on limestone blocks

3: Conceptual rendering of carved limestone blocks protected and put back as part of construction of the new pebble beach

DRAFT CONCEPTUAL RENDERING



3

2024 COMMUNITY INPUT

- Save, celebrate rock carvings as creative monuments to the community legacy left along the lake

POWER OF THE LAKE (WAVE ACTION DAMAGE)

DESIGN EVOLUTION

- Proposed coastal structures consistent w/ 2015 Framework Plan
- The shoal, headlands, and offshore breakwater allow the proposed dynamic revetment / pebble beach to be twice as large as initially proposed in 2015
- Emergency repairs made with expediency for bulk and height and intended to be temporary



1: 2020 storm damage. All coastal protection structures designed to withstand extreme lake levels and very large storm events and to limit overtopping rates to safe levels

2024 COMMUNITY INPUT

- Celebrate the lake and work with nature
- Repairs not aesthetically pleasing



PROTECTING THE SHOAL AND THE SILVER SPRAY

DESIGN EVOLUTION

- No part of Morgan Shoal or the Silver Spray will be impacted by the project
- No fill will be placed on the outcropping rock of Morgan Shoal
- Morgan Shoal and the wreck of the Silver Spray are off limits to the Contractor during construction to protect the natural and cultural resources



1: Construction schedules are limited to protect mudpuppies, a kind of freshwater salamanders living in this area

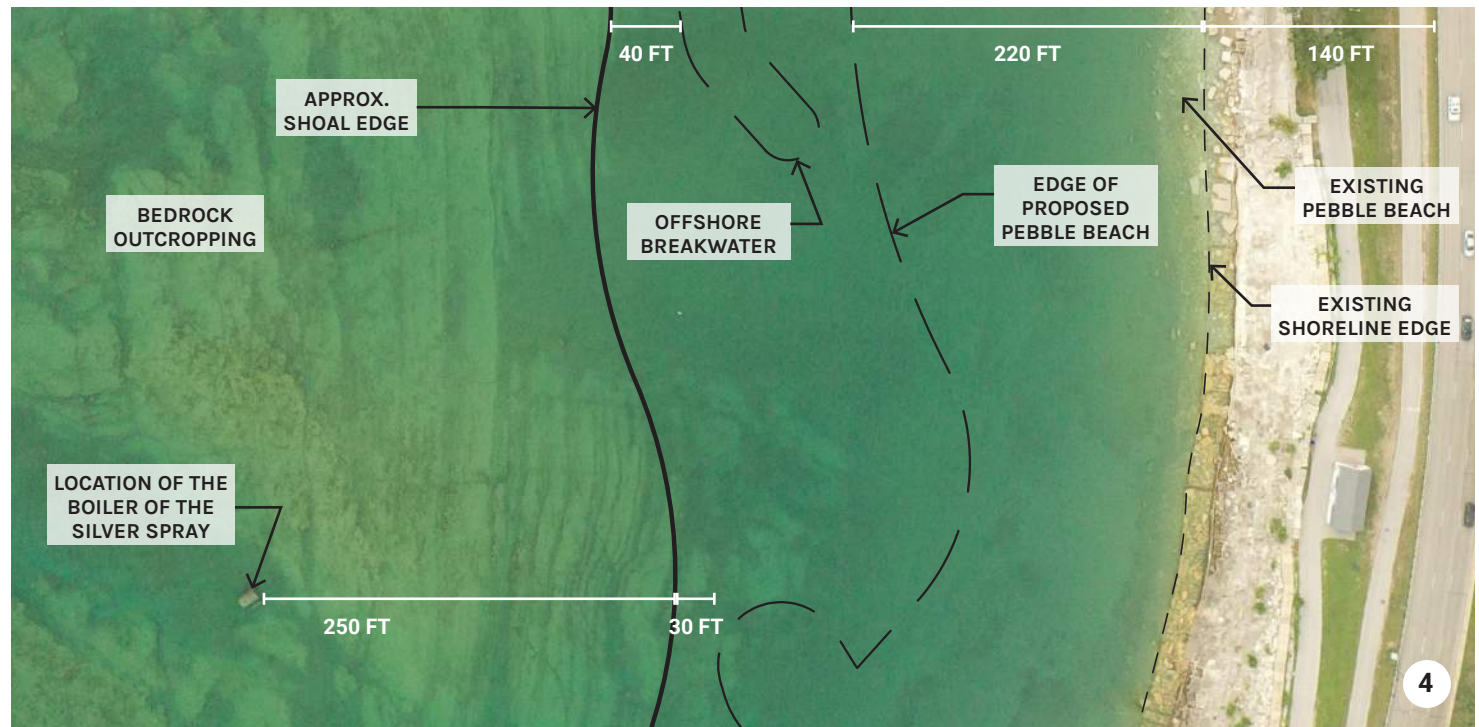
2: Existing 49th Street shoreline

3: When low water and weather conditions are right, the Silver Spray shipwreck is visible from land

4: Aerial of shoal and shipwreck off the existing coast

2024 COMMUNITY INPUT

- Protect Morgan Shoal and the Silver Spray
- Community has long history and old memories of the shoal and shipwreck



SITE FURNITURE (RECYCLING OPPORTUNITIES)

DESIGN EVOLUTION

- As well as recycled stone, standard benches with arm rests will also be provided
- New drinking fountains are included as part of the project
- Bike racks at multiple locations will be added to the park as part of the project



1



2



3

1: Outdated drinking fountain will be replaced with a new, accessible one

2: Conceptual rendering of carved rocks used as seating under the public restroom

3: Conceptual renderings of carved stone and limestone blocks repurposed into seating w/ standard benches

DRAFT CONCEPTUAL RENDERING @ LOOKOUT



3

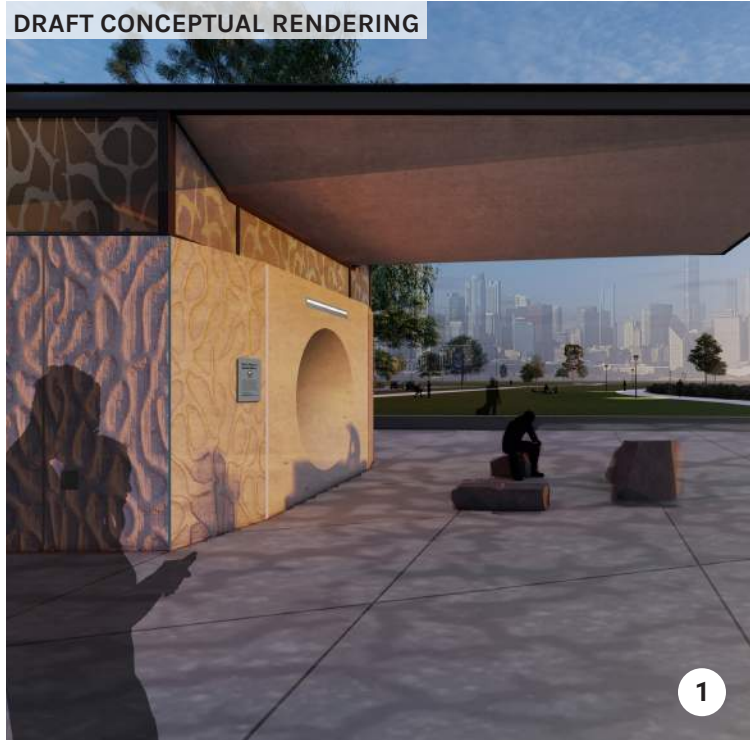
COMMUNITY INPUT

- Places to sit, lounge, lay, read, by the water, beneath trees, by natural areas
- Inclusion of traditional seating with arm rests
- More bike racks

PUBLIC RESTROOM

DESIGN EVOLUTION

- Proposed public restroom is smaller than proposed during the 2015 Framework Plan and is located further away from the lake edge
- The public restroom will be a seasonal, gender-neutral facility
- Artistic interventions integrated with public restroom building



1: Rendering of sound mirror. People standing in front of the sound mirror will be able to hear sounds of the water, wind, and birds from further away

2: Rendering of 800 SF building cast with pattern of lake sounds. Pattern extends into fritted windows for birds

3: Rendering of gender-neutral restroom w/ high privacy stalls



COMMUNITY INPUT

- Accessible restroom facilities
- Better maintenance and upkeep
- Clear sightlines
- Art component



Anticipated Construction Schedule

- Contractor Procurement: Q3 2025
- Construction Duration: Approximately 3 to 4 years

How to Follow Along for Project Updates

Public Building Commission (PBC)

As a public entity, all of PBC's procurement information and board meetings are available for public viewing.

- Follow their website for project updates: www.pbcchicago.com
- Subscribe to PBC alert
- Communications Director Bryant Payne may be reached via email at PBC@PBCChicago.com or PBC's general phone number 312-744-3090

U.S. Army Corps of Engineers (USACE)

There are multiple permit processes for a complicated coastal project like this. The National Environmental Policy Act (NEPA) permitting process requires the project be made available for public comment.

- Subscribe to USACE's newsletter for their announcement
- Follow their website to comment on the project

Chicago Park District (CPD)

The land this study pertains to is managed by CPD.

- Follow their website for project updates
- Submit comments on their website



Link to PBC Alerts

THANK YOU

We appreciate your active input and care
for Chicago's lakefront and parks.

For more information, please email
PBC@PBCChicago.com
or call (312) 744-3090



Link to PBC
Project Page



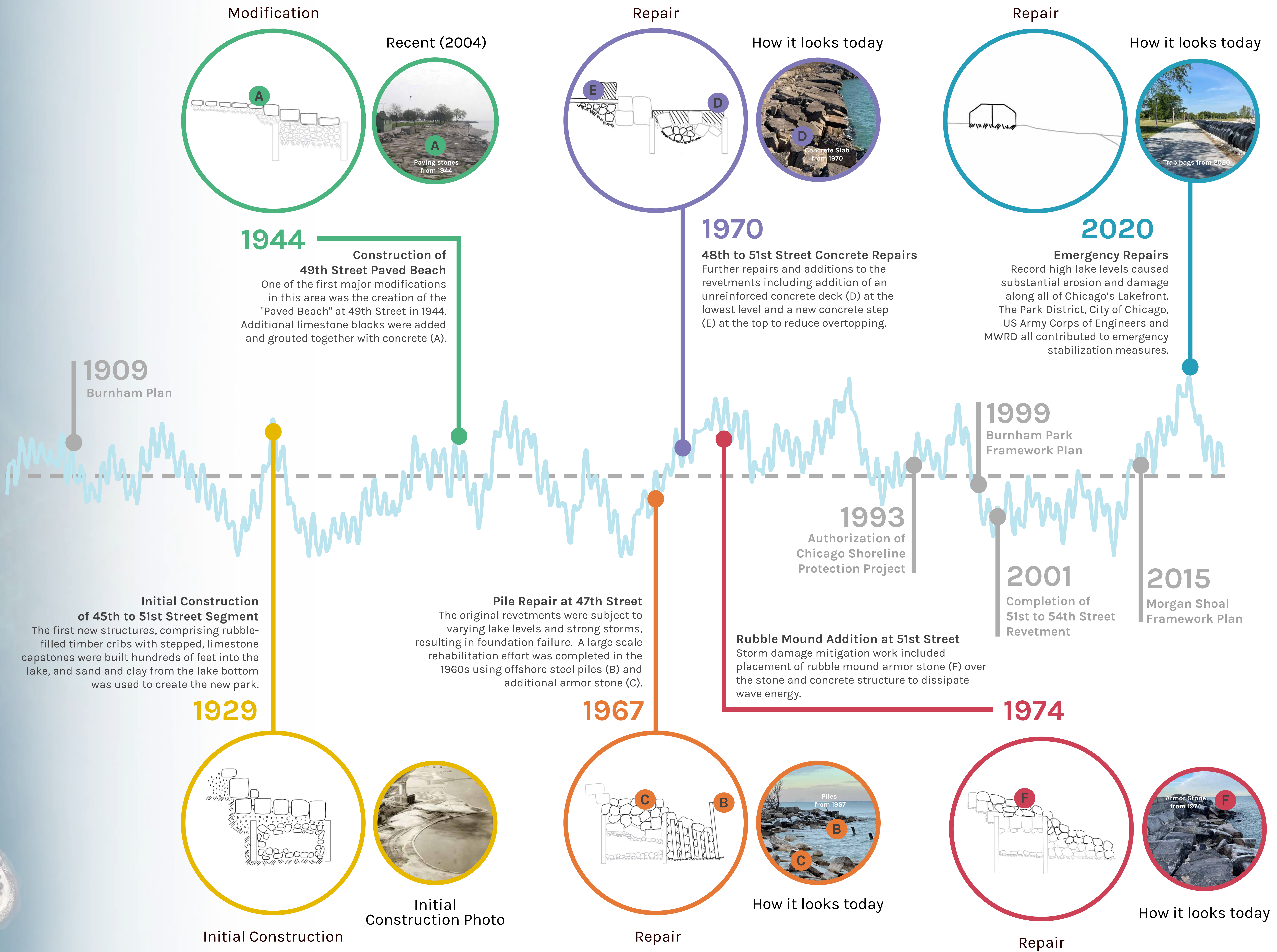
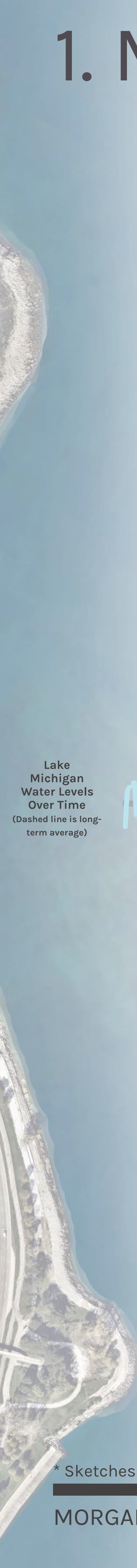
US Army Corps
of Engineers



LAMONT J. ROBINSON
4TH WARD ALDERMAN



1. MORGAN SHOAL SHORELINE HISTORY

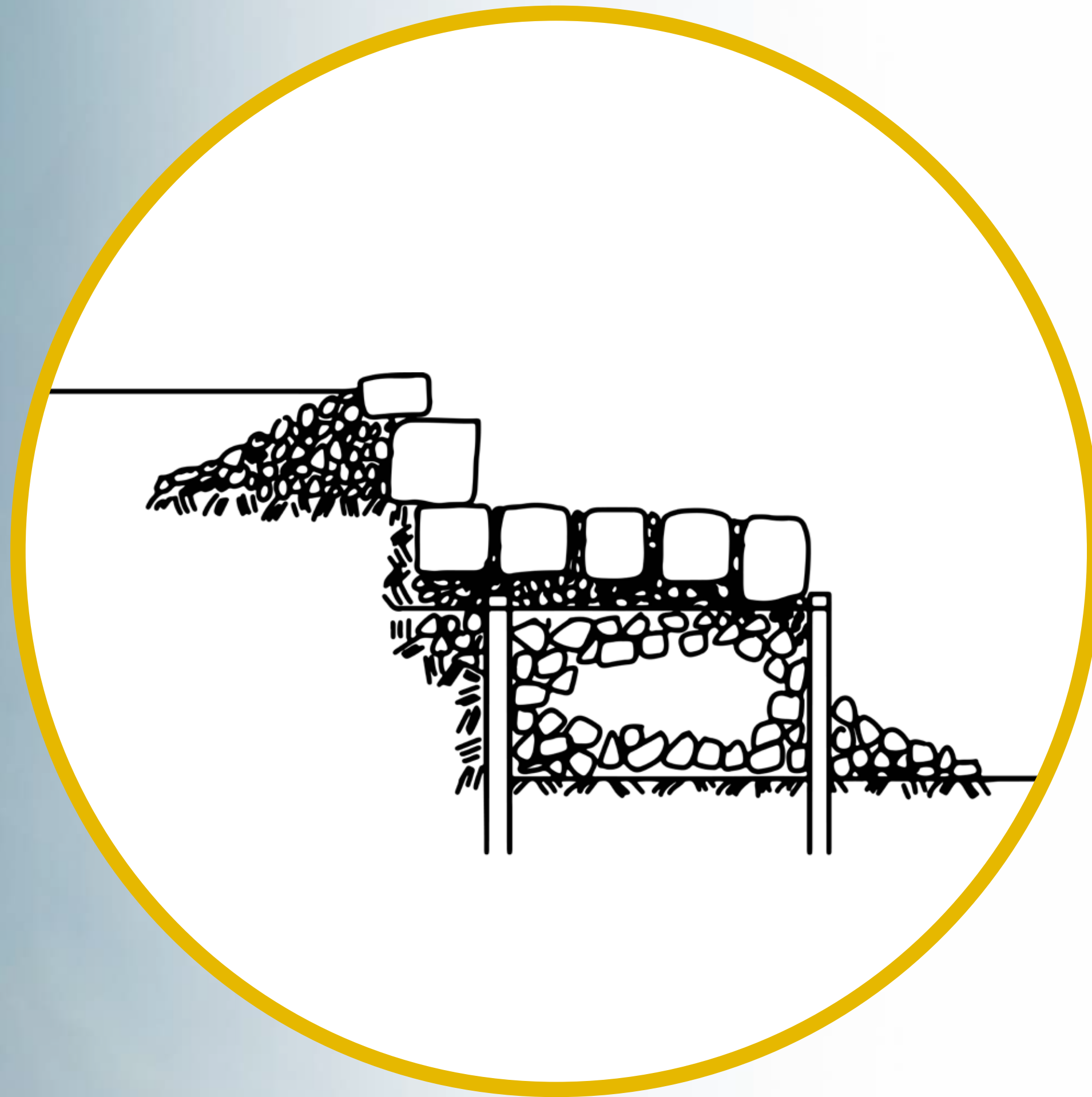


* Sketches are modified from Chicago Park District archive engineering drawings.

2. EXAMPLE SHORE PROTECTION SYSTEMS

Original Construction

Timber Crib and Stepped Stone

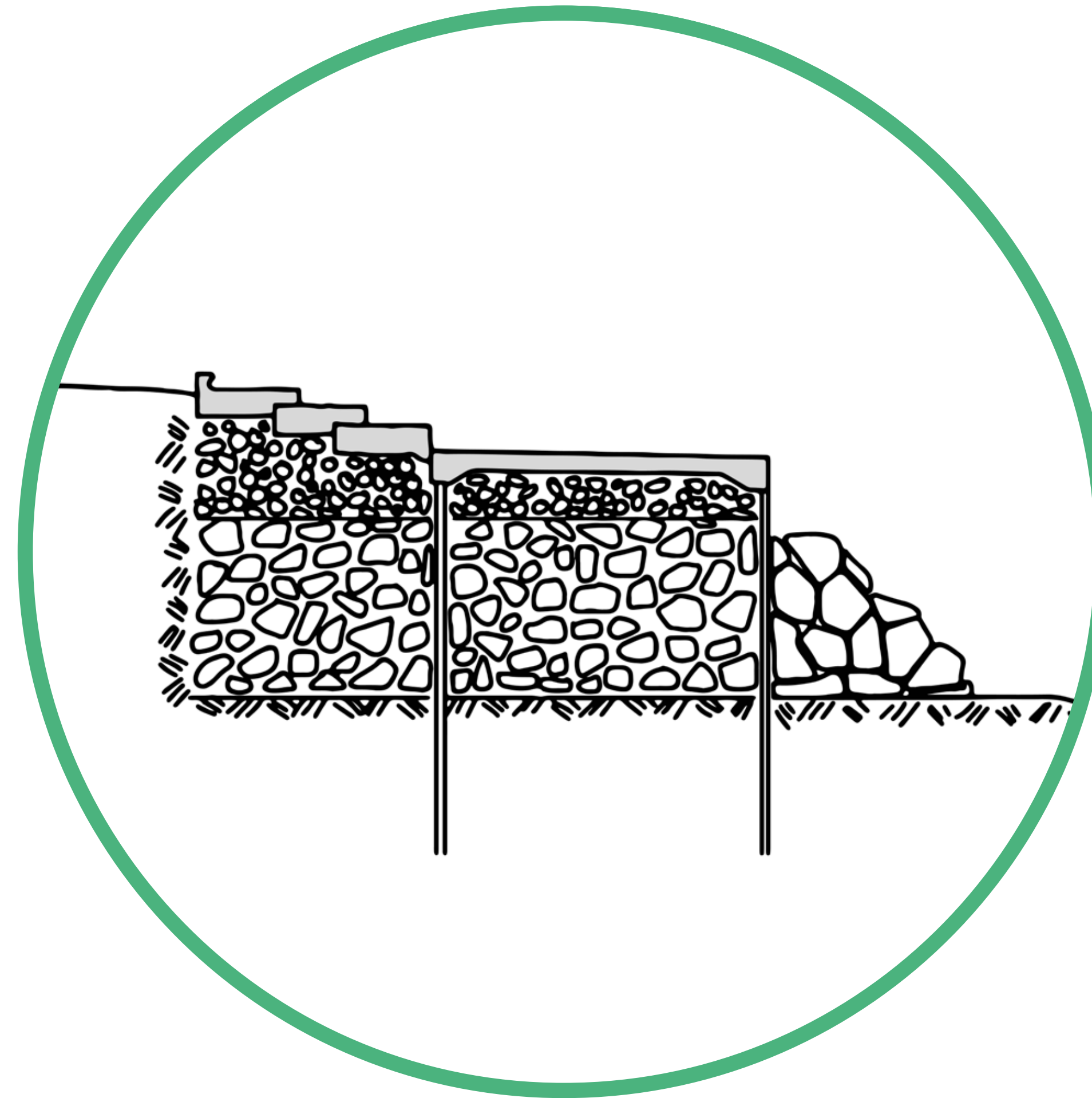


50th Street

- Used for original (pre-1940s) construction of most of Chicago's revetments.
- Limestone is a durable material.
- Promenade level typically about 12 to 15 feet wide.
- Timber piling is subject to rot and deterioration, especially when lake levels drop.
- Surface is walkable unless foundation is undermined, and/or stones are displaced.
- Used for 45th Street to 51st Street area repaired, augmented, and rehabilitated several times.

Proposed Construction

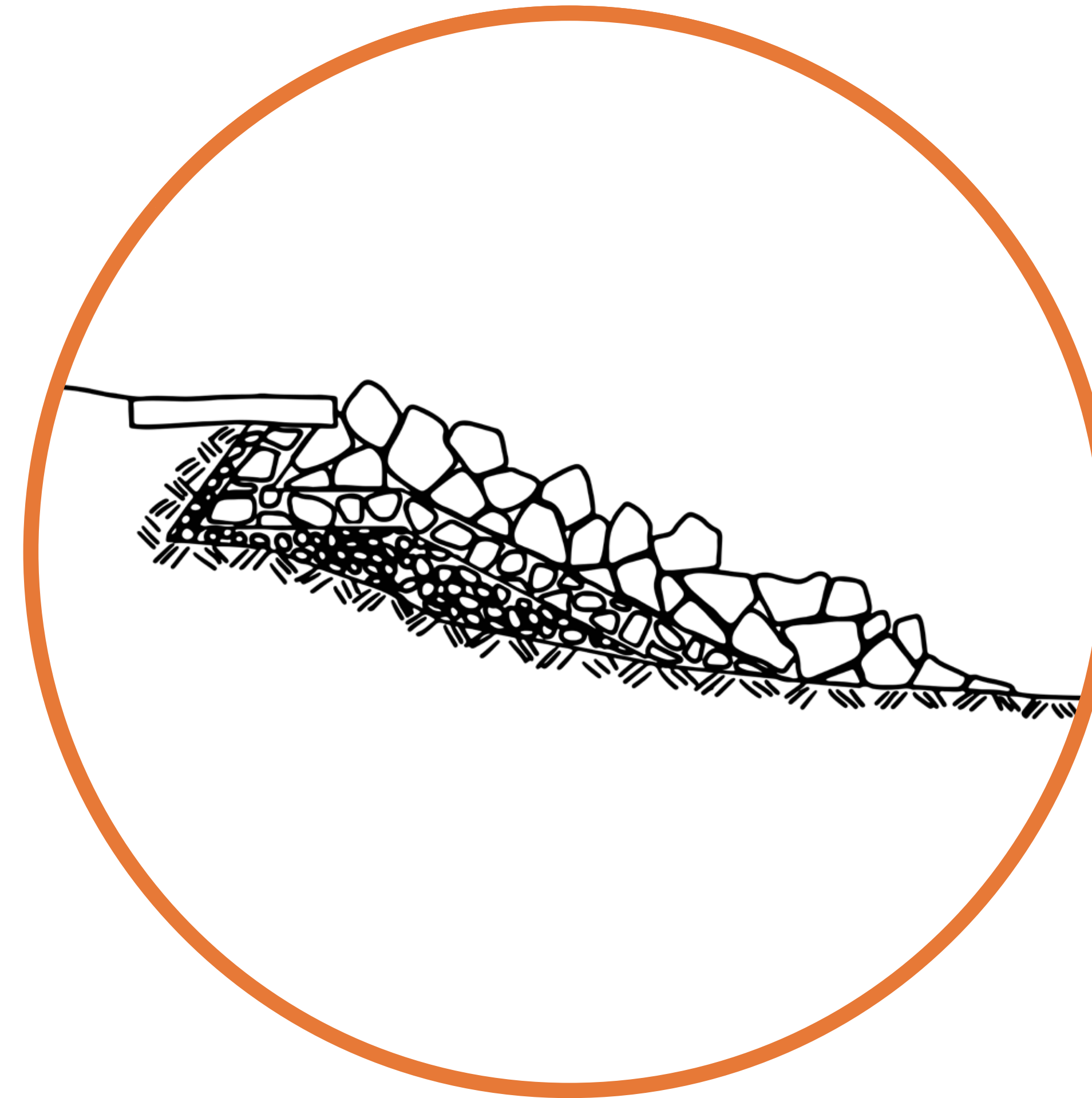
Sheet Pile and Stepped Concrete



53rd Street

- Used for more recent construction in 1950s and 1960s, as well as for most of the recent lakefront rehabilitation.
- Concrete and steel are durable materials.
- Promenade level typically about 25 feet wide.
- Surface is walkable and ADA-compliant.
- Not technically feasible where bedrock is close to the surface.

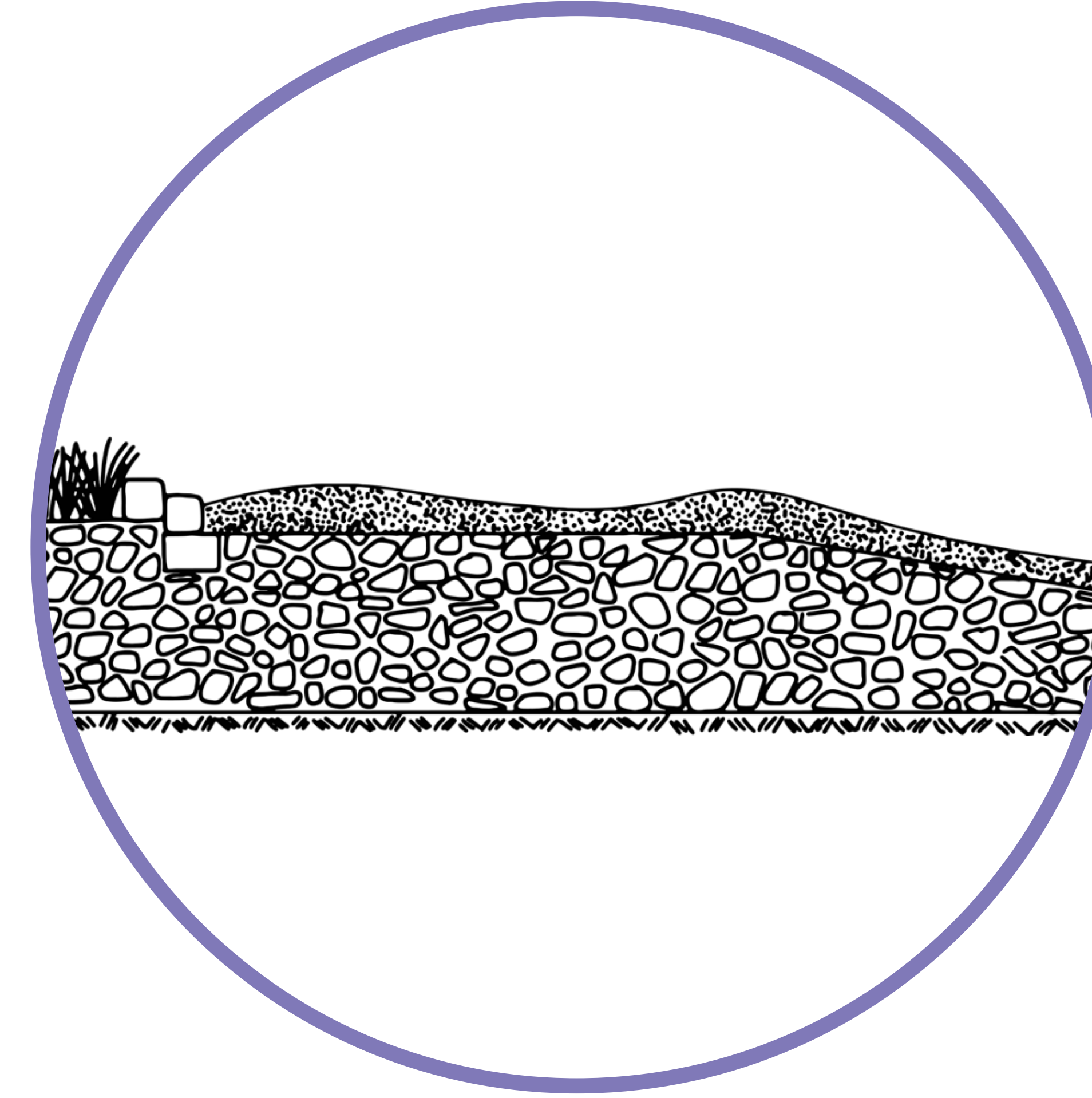
Armor Stone



Lincoln Park (Irving Park Road - Montrose Avenue)

- Not as commonly used along Chicago lakefront.
- Armor stone size depends on wave exposure.
- Structure width depends on lakebed depth.
- Surface is not walkable.
- Upper levels away from breaking waves can incorporate salvaged stone.
- Feasible regardless of bedrock conditions.

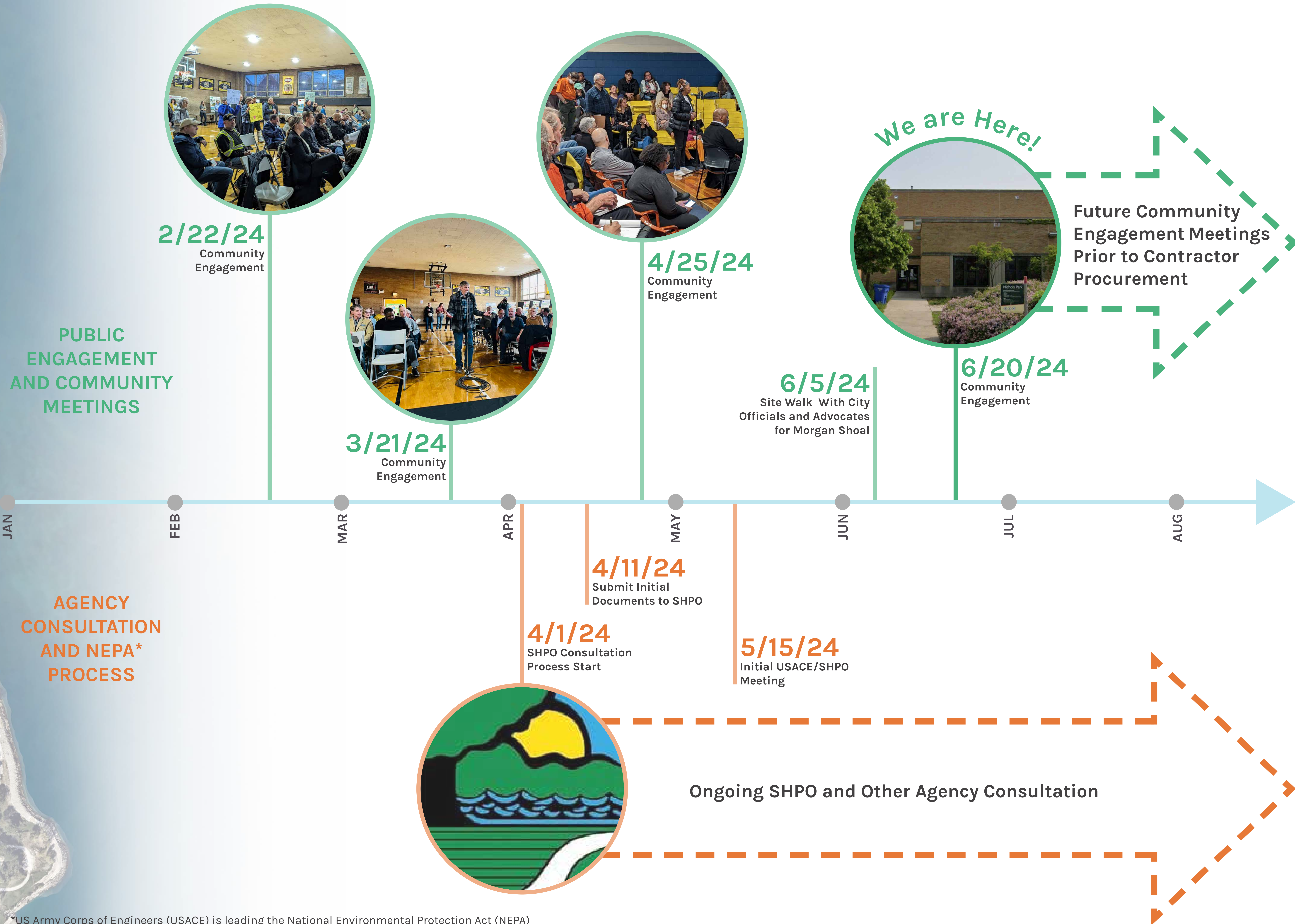
Dynamic Revetment



Keweenaw Peninsula, Lake Superior

- Not a static structure - will be re-shaped by waves and currents.
- Much flatter and wider than typical armor stone revetment.
- Surface is uneven, but walkable.
- Feasible only in sheltered and relatively shallow locations.

3. 2024 PUBLIC ENGAGEMENT AND CONSULTATION



*US Army Corps of Engineers (USACE) is leading the National Environmental Protection Act (NEPA) review. Illinois State Historic Preservation Office (SHPO) is one of the consultation agencies.

4. DESIGN CHANGES INSPIRED BY PUBLIC COMMENTS



1 EXPAND PROPOSED NATURAL AREAS AT 47TH STREET



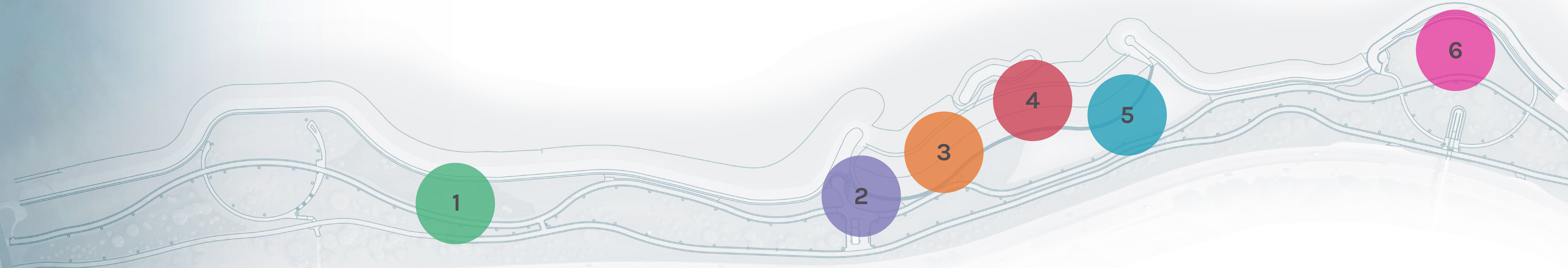
USE ONLY ROUNDED STONE AT PEBBLE BEACH **3**



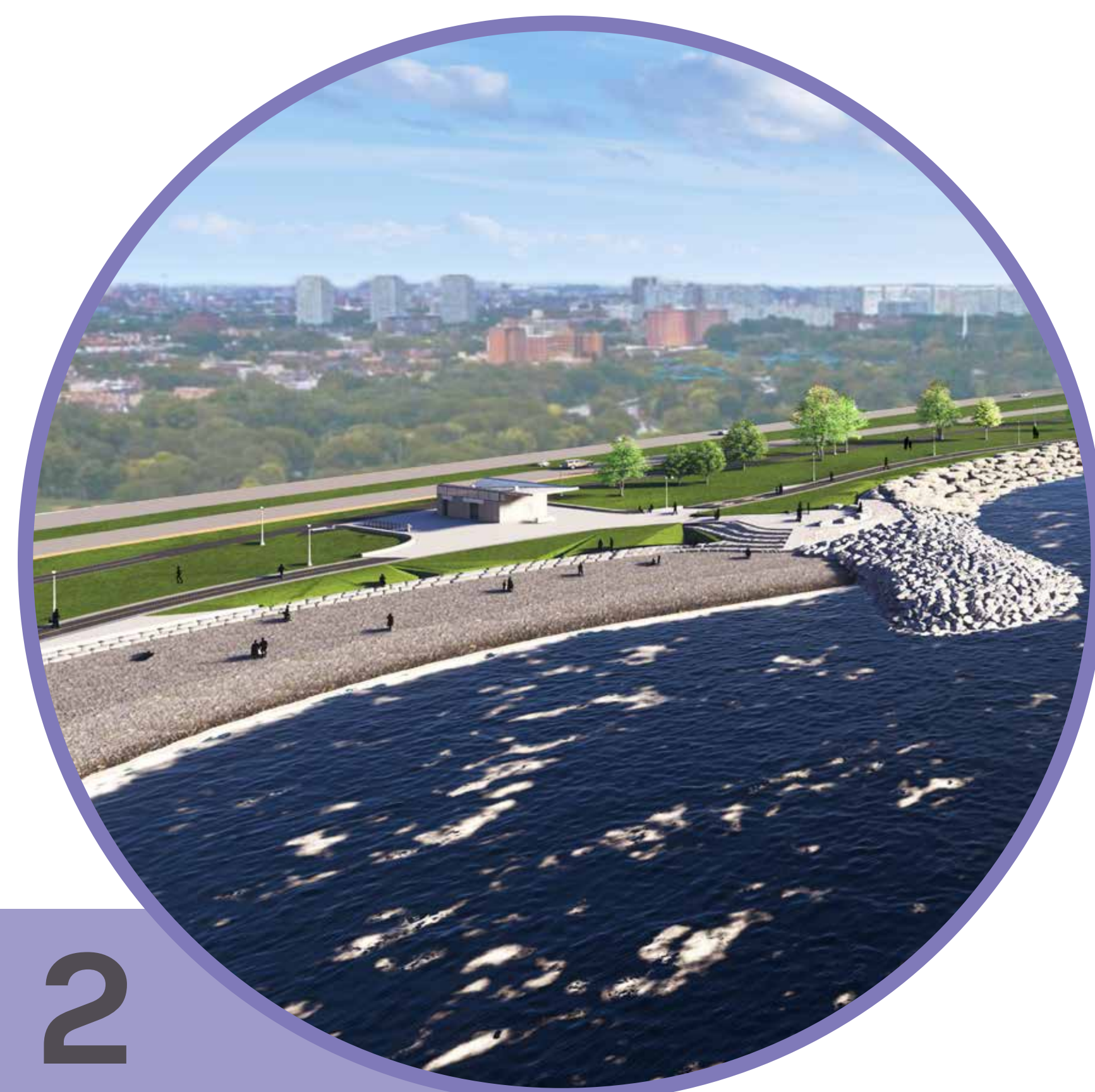
4 ADD SALVAGED LIMESTONE BLOCKS AT PEBBLE BEACH



INCLUDE NATURAL AREAS AT 51ST STREET **6**



ADDITION OF BENCHES AND MORE BICYCLE RACKS



ADD ADA ACCESS TO PEBBLE BEACH **2**



5 INCREASE HEIGHT OF STEPPED REVETMENT AT PEBBLE BEACH



SALVAGE AND PRESERVE MORE CARVED LIMESTONE

5. MATERIAL REUSE



North End Limestone Blocks

Existing: Very large (10 tons) quarried limestone blocks placed as temporary protection during earlier 43rd to 45th Street Project (2012).

Proposed: Limestone blocks will be salvaged and used to create uniform edge condition along new armor stone revetment adjacent to restored park.



Broken Concrete/Rubble

Existing: Varied sizes and material types, including stone, concrete, and other construction materials.

Proposed: Solid fragments can be used as fill under the proposed new permanent structures to reduce the need for importing new material.



Sand From Trapbags:

Existing: Temporary "TrapBags" placed in 2020 to protect parkland from erosion are filled with "bird's eye" sand.

Proposed: Clean sand from the TrapBags can be salvaged and used as fill or to add to the dynamic revetment to reduce the need for importing new material.



Carved Limestone:

Existing: Limestone blocks from the original 1920s/30s construction or later additions (e.g. 1940s "Paved Beach") are decorated with carvings and inscriptions from prior lakefront users.

Proposed: Blocks with culturally significant carvings will be re-purposed as seating, and also spread through the park.



Pebbles:

Existing: Wave-rounded stone and concrete remnants from deteriorated revetments and other eroded parkland.

Proposed: Pebbles will be salvaged and reused within the upper layer of the new dynamic revetment.



Small/Irregular Limestone Pieces:

Existing: Remnants of previous revetment structure that have either broken up and/or been dislodged and shaped by the waves.

Proposed: Not suitable to reuse in the stepped revetment at the back of the dynamic revetment, but can be placed on the new, expanded pebble beach as seating.



Large Concrete Blocks

Existing: Temporary concrete blocks, mostly placed in 2020 to provide emergency flood protection so lakefront trail and other amenities could remain open.

Proposed: Preferred usage is buried as a foundation for the salvaged limestone stepped revetment.



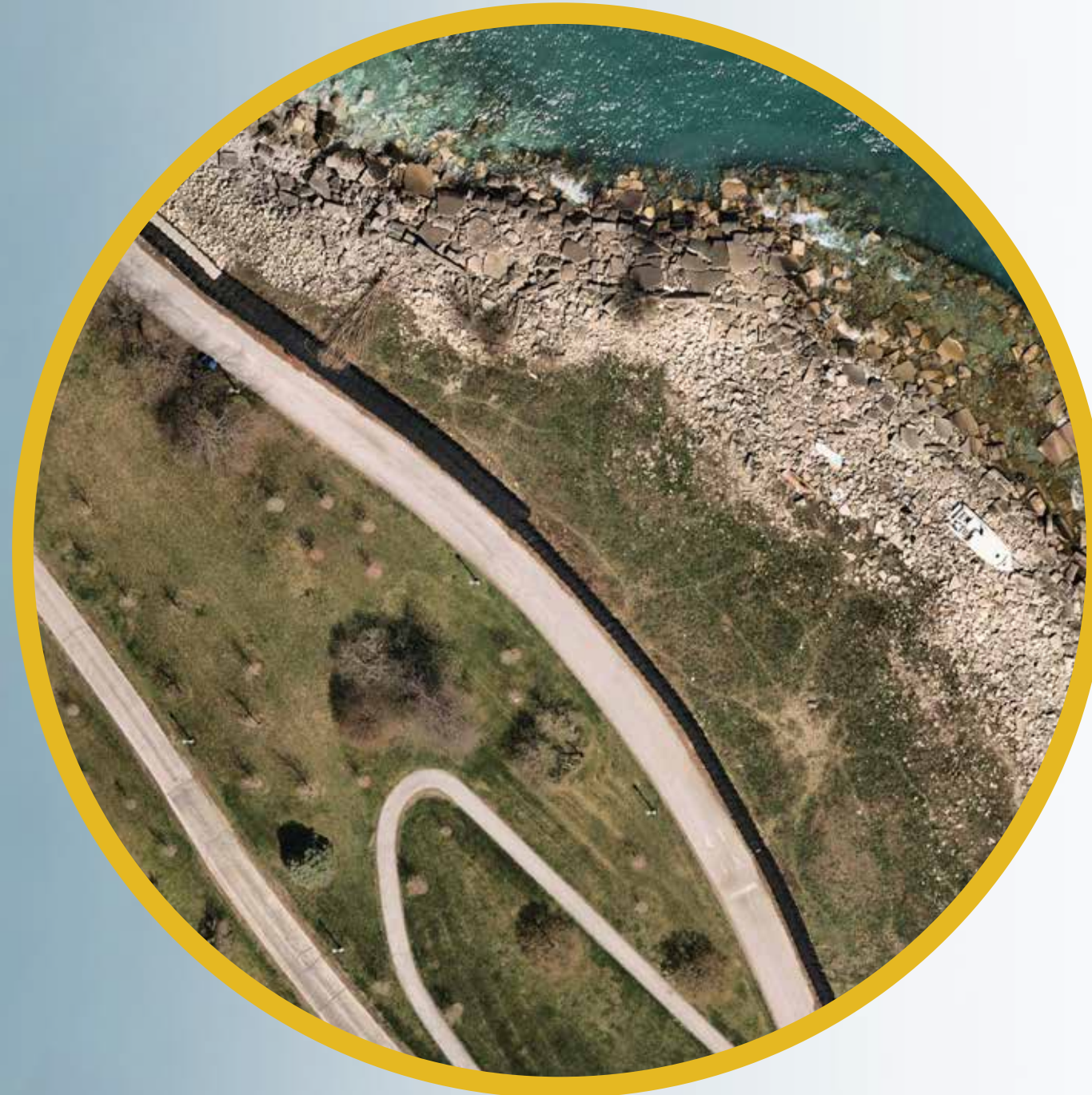
Large Limestone Blocks

Existing: Intact limestone blocks from the original 1920s/30s construction.

Proposed: Salvage intact and use to create stepped revetment at back of expanded pebble beach, and along the park side of the concrete ADA transition structure.

6. PARK LANDSCAPING MATERIALS

Existing



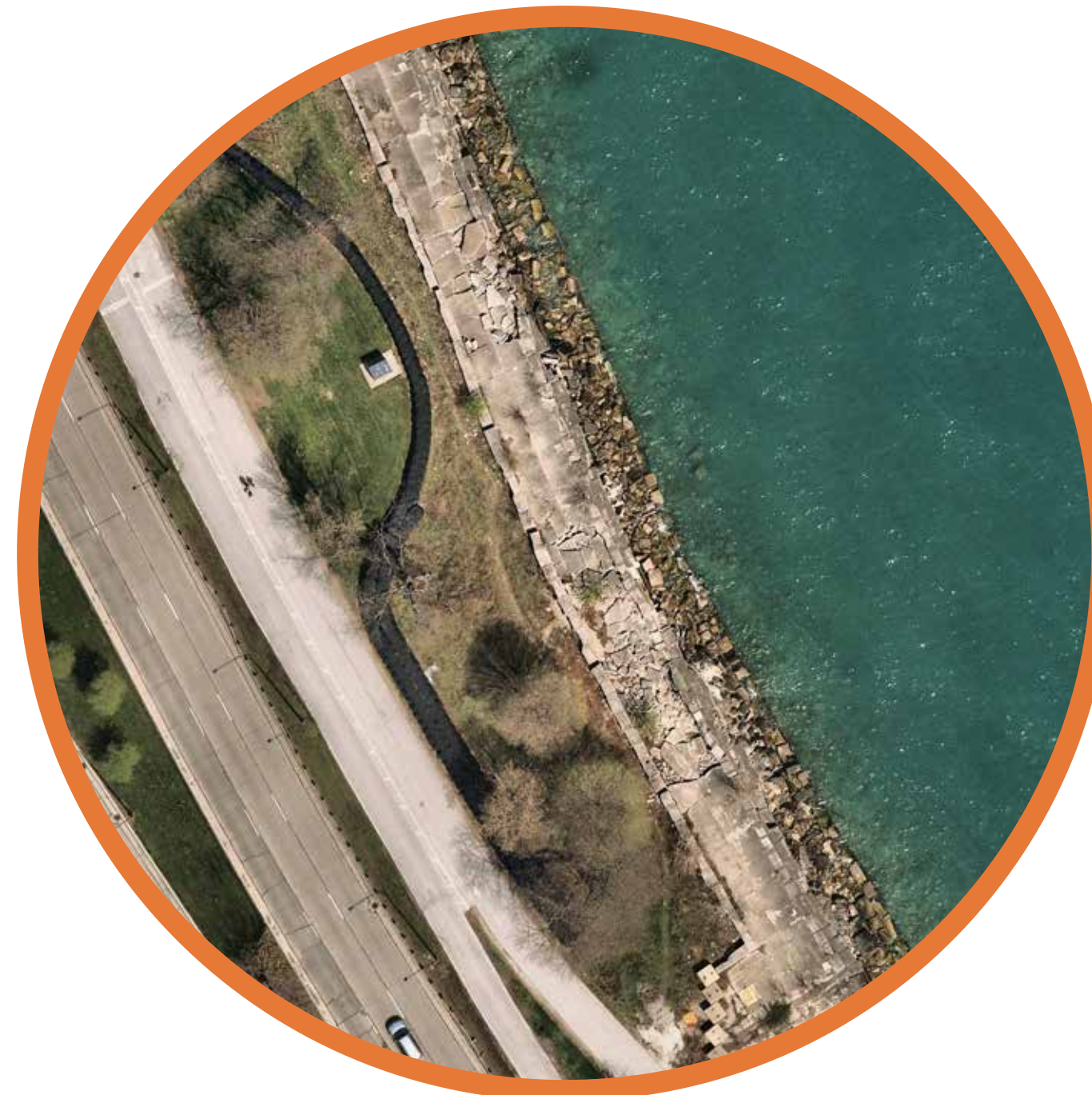
Proposed



1 North of 47th Street

Savanna: Preserve and augment existing trees with additional native trees such as Bur Oak, and Chinkapin Oak. Add understory layer of shrubs such as Chokeberry, Witch Hazel, Sumac and Arrowwood. Wide range of perennials and grasses at ground plane. Layered vegetation is a particularly beneficial habitat for migratory birds.

Existing



Proposed



3 48th Street

"Arboretum Landscape": Preserve mature trees, augment with new shade trees, and restore parkland with turf grass. Use salt-tolerant varieties adjacent to DuSable Lake Shore Drive.

Existing

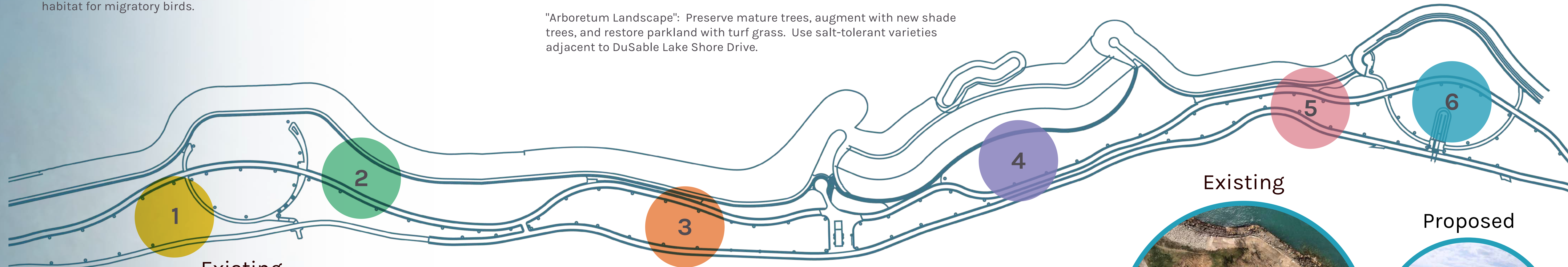


Proposed



5 50th Street

Due to narrow land posing planting challenges, preservation of existing mature trees that are currently between bike and pedestrian path will occur. Augment this area with new shade trees. Use salt-tolerant varieties adjacent to DuSable Lake Shore Drive.



Existing



Proposed



2 South of 47th Street

Prairie: Area is currently heavily eroded and covered in rubble / concrete debris. Predominant plantings will be perennials and grasses such as Milkweed, Wild Indigo, Sunflower, Horse Mint, Compass Plant, Aster, Prairie Dropseed, and Little Bluestem. Occasional shrubs and trees such as Dogwood and Bur Oak.

Existing



Proposed



4 49th Street

Dune: Almost zero existing vegetation at this location. Create new dune habitat to replicate original Chicago lakefront ecosystem with predominantly American Beach Grass with other perennials and grasses such as Prairie Onion, Canada Wild Rye, Porcupine Grass, Wild Strawberry, Blazing Star, and June Grass.

Existing



Proposed



6 51st Street

Preserve existing mature trees in the vicinity of the 51st Street Bridge landing. Restore the disturbed area with a mix of lawn, trees and native plantings. Native oaks planted in this area will support over 534 different species of native butterflies and pollinators. Blend with adjacent area to the south to remain. Plant low areas with wet-tolerant species. Turf lawn will allow for different forms of recreation by the water.



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #4

6/20/2024

Project No.:

22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
COMMENT/QUESTION CARDS				
1	Breslau, Jordy	jsbreslau1@gmail.com	<p>I love the revetment behind the beach. Love the bathrooms.</p> <ul style="list-style-type: none"> - Would love more limestone - Would be cool to prioritize prairie grasses and integrate public art, I.E. Franconia Sculpture Park. 	
2	Scott, Kara	Resident karatiemann@yahoo.com	<ul style="list-style-type: none"> - Include/Prioritize Limestone instead of Armor Stone. People hangout all along the lakefront. - Keep height for Revetment to lower noise. - Nervous on expanding shoreline. - Treat new inputs so ready for microbial action. 	
3	Andelson, Maya	maya.andelson@gmail.com	The image renderings of Pebble Beach strike me as very exposed and a bit barren. It seems to lose the coziness and seclusion of the current beach. Part of what makes the beach cozy is the ability for people to find little nooks out of sight among large limestone blocks. The renderings also show a very deep stone/pebble beach. The stones are special, but what makes them so is how close they are to the water. It seems more important to keep plenty of access to water at Pebble Beach than to make a broad, expansive, exposed, flat Pebble Beach. Keep the limestone wall behind the beach high, and provide not just limestone blocks to sit on (near and in the water) but also to hide among.	
4	Cotton, Michael	7488cottonmichael@yahoo.com	I feel swimming would be fine with life guards! 100%	
5	Eltuyycle		Keep as much stepped limestone, not armor stone. Goal: Being able to sit on edge with feet in water, and walk 51st - 43rd along the waters edge. Keep Pebble Beach simple.	
6	Sobrero, Raul	Resident r_rjs@yahoo.com	<p>I welcome the project, investing on the lake front is long needed.</p> <ul style="list-style-type: none"> - Can the "Shoal" in the Lake be incorporated into your proposal perhaps as a natural protection from the Lake erosion. Thank you. 	



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Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
7	Anonymous			The whole and entire point is water access. With walkable (flat, not diagonal to prevent walking) limestone as water access point.	
8	P, Leah	(Age 11)		Don't destroy the Pebble Beach!! Keep it the way it is!	
9	Mensah, Betsy			When you save the original limestone for use in the new design, you incorporate history.	
10	Hammoud, Debra	Promontory Point Conservancy		Use the limestone blocks for the revetment, not concrete and rubblemound.	
11	Hammoud, Debra	Promontory Point Conservancy		People use their access to the water the full length of the Shoal now. This plan, esp. the extensive rubblemound limits greatly access to the water.	
12	Anonymous			I care about the preservation of the lakefront as a place for swimming, hanging out, taking in nature. I love having access to Lake Michigan and want to continue to enjoy the spaces along its shore. It seems like people are working to make this our reality - a future with an accessible lakefront.	
13	Gerschick, Tom		tomgerschick@yahoo.com	Today's open house was pure B.S. What are you afraid of? Communal public comment? We see your need to control. This has been a scam from the beginning.	
14	Roitman, Ben		bmr5888@PSL.edu	I like the direction the project is taking and the openness to feedback and input is cool to see.	
15	Lathrop, Anita		annabelle_echo@yahoo.com	<ul style="list-style-type: none"> - Restore the Life Guard Station. - Restore the Concrete Platform - Remove concrete blocks that block access to the Beach! - Bike lock up Racks! - Keep natural rocks in place! 	
16			johnrobbins@gmail.com	If reconstruction of the shore goes through would you please consider designing with an aesthetic similar to the natural pattern the boulders are strewn in.	
17			johnrobbins@gmail.com	The city has renovated bridges and many other things. Ivy is growing over signs on Lake Shore Drive, like at 39th street.	



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Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
18	Friedl, Kelly	Community and Design	FriedlKelly@yahoo.com	They want an Artistic, Unique, Funky, landscape that is a destination. Shoot for A design award. Then it's a "Win-Win" Situation.	
				<ul style="list-style-type: none"> - Get Creative - Use Elevations/Grasses - Very little lawn - Organic landscapes - A circulat wishing well - Pretend like you are back in grad school - This crowd and community likes artistic and funky 	
19	Friedl, Kelly	Community and Design	FriedlKelly@yahoo.com	- keep up the good work SmithGroup	
20	Bradford, Kerry		kerryeileenbradford@gmail.com	Add more ADA lake access	
				I use the Pebble Beach weekly with my 11 and 14 year old. We want it kept aesthetically the same, while cleaned up and made more safe and more accessible. LSD is fine, we have lawns north and south.	
21	Papczun, Kristy Ulric	Resident	Kristypapczun@gmail.com		
22	McCurry, Lousse	Jackson Park Conservanc	commissioner751@icloud.com	Request the below water youth education and viewing area be added back to the plan.	
				Anything that can be done to maximize the preservation of mature trees should be done. 3" samplings won't provide replacement tree canopy for 2 or 3 generations - if they survive. What is the survival rate for samplings for the Park District on the North and South, South East, and West Sides?	
23	Lipinski, Marc		mlipinski@donnellyharns.com	What funds have been allocated for the proposed projects and what are projected earnings from commercial activities planned? And has the community expressed a desire for the reconstruction projects proposed?	
24	Robbins, Jean M.	Individual	iroquois5@icloud.com		
				Smile in your face all the time they wanna take your place/space - backstabbers. You value our feedback but you don't hear us or the desires of the community. We are just a box to check off of your list.	
25	Tchiya				



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #4 6/20/2024

Project No.: 22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
26	Bradford, Ruby		superruby@sbcglobal.net	Since I miss the first 2 meetings about Morgan Shoal Beach, I was raise in Bronzeville next W.P Highschool but things changed.	
27	Hammoud, Debra	Promontory Point Conservancy		Our visit to limestone quarries in and near Bloomington, IN last week resulted in thousands of breakwater blocks available. For in-kind replacement at \$40 /ton.	
28	Loyre	Neighbor/Lake Lover		Path between beach and bathroom.	
29	Anonymous			Make the breakwaters attractive. Have breaks in them for beach/water access. - Path with railing	
30	Hammoud, Debra	Promontory Point Conservancy	dhammoud4761@gmail.com	- Reuse limestone blocks for revetment from 45th to dynamic revetment and at 51st Point. - Eliminate all rubble mound so there is access to water for length of shoal.	
BOARD 1: MORGAN SHOAL SHORELINE HISTORY					
Memories of Pebble Beach and Chicago Lakefront				Favorite Chicago Lakefront memory	
1	V-A, Laura		lvossalen@yahoo.com	Resting on a rock slab at Pebble beach with my daughter on hot summer day w/ the cold water washing over me	
2	Anonymous			I don't have one favorite memory. A long history of storms + pebble hunting + wildlife walks + observing families enjoying the the space + so much more	
3	Wheeler, Vance		wheelmanvp@gmail.com	Swimming from the point when I first arrived on July 3 and my first impression of the lakefront was this amazing community space	
4	Anonymous			Ride my bike along the bike path	
5	Anonymous			swimming out to the Shoal for the first time!	
6	Anonymous			Climbing the rocks with kids and teaching them how to swim at pebble beach	
7	Anonymous			Swimming with my mother	
8	Anonymous			many, the comfort of knowing the lakefront is available for swimming and the water is safe Protect the Shoal - the proposed landfill is too wide! 220' is too wide! Protect the shoal 300 million years!	
9	Tchiya				



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

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22703

Question and Comment Cards

Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
10 Anonymous			Intimate gatherings with friends, viewing the water. We gather for full moons, sunrises, birthdays, special occasions. We seek areas of the Lakefront that are intimate and "non-manicured."	
11 Anonymous			Watching 4th of July fireworks from the point.	
12 Papczun, Patrick		ppapczun@gmail.com	I swim at the Pebble Beach throughout summer and fall with my children (ages 14 and 11). It is a wonderful natural playground with crystal clear water, and that needs to be preserved. The landfill idea will destroy its beauty.	
13 Anonymous			Watching the slabs of ice when the lake is frozen over in the winter season. Hanging out for hours with friends at Pebble Beach.	
14 Leah	Age 11		Taking the paddle board out to the ship wreck with my friend. It was so fun to jump off the paddle board and flip it.	
15 Anonymous			My favorite memory is sunbathing and swimming by the limestone at 48th -50th streets, bringing my child his friends to play and swim there. My question is why are you closing this for 5 years?	
16 Anonymous			1970 - The lake literally was high enough + alewives came up. My one year old loved the waves and the "flying" alewives.	
17 Bradford, Ruby		superruby@sbcglobal.net	I'm only to memories on rubble mound beach, since the repair. At morgan shoal reissue Sitting on limestone rocks on a summer afternoon - best to restore limestone blocks with steel...	
18 Anonymous				
BOARD 2: EXAMPLE SHORE PROTECTION SYSTEMS				
Questions and/or Comments About Differing Revetment Types				
1 Anonymous			1. Why do you plan to get rid of the limestone which seems to have outlasted any other material? 2. Why can't we repair the under lying damage and just put the limestone back to form the revetment between 48th and 50th? 3. Why does this take 5 years? I use the pebble beach a lot and may die before this project ends	



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MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

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Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
2	Bradford, Ruby			I use to go beach on 53rd since my feet are messed up. Also during constructions, on sheet pile stepped concrete make sure stay safe.	
3	V-A, Laura		vossallen@yahoo.com	No concrete (or as little as possible) We have enough concrete and it doesn't hold up well. Too industrial and univiting	
4	Anonymous			Please consider accessible stepped limestone revetmnet - 45th -> 48.5th, 50.5 -> 52nd And behind a narrow strip of pebbles 48.5 - 50.5	
5	Lugo, Lionel		leonardolee@ameritech.net	This project is very interesting and provides solutions to enhance the lakefront for many years to come. The various revetment types and combination of revetment used to address the different types of wave action is very ingenious. The reuse of existing material reflects a commitment to the conservation of resources and the proposed uses should help cpnserve the ecological resources too. Living in chicago for 20+ years this type of project will create a lakefront which I would be happy to bring my family to visit and enjoy!	
6	Anonymous			Prefer original steel underpinnings - Do not use concrete steps - don't last well environmentally offensive to product install	
7	Anonymous			We currently have a working dynamic revetment of pebbles and rocks. Wave action broken by the shoal + now limestone blocks in the water. Please let's talk more about the "shoreline protection" plan for about 48.5 - 50.5 street	
8	Adams, Catherine			Please prioritize ADA access, and maximizing water access for swimmers as well as places to recline near and away from the water.	
9	Anonymous			Thouroughly reuse existing limestone blocks in front of the concrete revetment, creating the steps back into the lake. Wading? Keep the water in the lake accessible to touch and swim	



US Army Corps of Engineers



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Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
10			jdmpereira@yahoo.com	The stepped concrete is the least desirable = stepility a) cuts off ability to get in the water (and get out if someone falls in) b) creates more waves for boaters (sail and kayak) c) doesn't create habitat for fish. If you want to create ADA access, consider doing it just to the south of the mini point @ 51st/ Leave the north side area beautiful for putting in a kayak and swimming (we know it isn't an actual swimming area)	
11	Anonymous			Why not go back to the original construction - timber crib and stepped stone (like promonotory point) That's the best solution and the 100 - year solution!	
12	Anonymous			Why does every plan pretend like people aren't gonna go in the water no matter what?	
13	Anonymous			Please build in places so we don't lose access to the pebble beach during 5 years of construction!	
14	Anonymous			make sure "armor stone" or the rip rap has sections that could be easier to walk on. At least what isn't normally covered by water. Angular rip rap -> broken legs and unfriendly	
15	Rosenberg, Susan		susanrosenberg@ameritech.net	there are many beaches and rec areas along the lakefront that all need attention for their communities. This area is different and unique (and fill will destroy the shoal bathrooms and programs should be minimal)	
16	Anonymous			Spending money on new bathhouse is a waste. This is a very difficult area to get out to if you are disabled or elderly. It is a half mile away from 47th st parking lot 25% of people over 55 have difficulty walking 1/4 mile. That \$ should be spent building parks in undeserved communities	
17	Anonymous			We do not want a false man made beach. All of your plans will destroy the healing nature of this area. What about trees? If youre breadwater wall of rods is not held together w/ concrete, thin not going to maintain, then you obviously just care about getting paid	
18	Anonymous			I would like a 3-step limestone revetment backing pebble-beach. I would strongly support sourcing new limestone from Indiana to have sufficient stone!	



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	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
19				From page 28-29, how is the "approximate shoal edge" determined? Aerially, from the photo, it appears that the shoal extends much further towards the beach. Even so, there are - at points - only 30-40 ft between the "approximate shoal edge" and construction. Why so close?	
	BOARD 3: 2024 PUBLIC ENGAGEMENT AND CONSULTATION				
	Feedback on Communication Methods and Preferred Outreach Mechanisms				
1	Anonymous			I will miss jumping into the water at point #6. The north side is lovely for swimming. I would love if the north side at #6 could stay accessible for swimming. ADA accessibility to the south.	
2	Hass, Deb		debra.a.hass@gmail.com	Please minimize techno-music lights in comfort station - maximize natural light as much as possible. Please consider how to revise existing comfort station. I have concerns about...(?)...voting. At one meeting; it will be used to justify decisions already made - Community wasn't informed about this also - false choices - really are natural areas and limestone mutually exclusive? We need maximum native/natural landscaping , mimimal landscaped lawn; maximum accessible stepped limestone revetment that connects from concrete at 51st all the way along to north.	
3	Leah	Age 11		I think you should mix in the flat stones with the rounded pebbles in the water. I don't want you to make a new Pebble Beach, but if you have to, do this.	
4	Anonymous			The yard signs were best. I am around, active, and go to this area 3x/week. I only learned of this session from a lawn sign on site AND word of mouth.	
5	Tobin, Isaac		isaac@isaactobin.com	Posters about proposed changes + public meetings should be placed at Pebble Beach.	
6	Anonymous			The sticker placement sets up false for the public. If you decide what's on the ballot, do people have a genuine choice?	
7	Anonymous			Please don't do the prioritizing star exercises - these are false choices.	



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DRAFT

MORGAN SHOAL REVETMENT RECONSTRUCTION PROJECT

Community Public Meeting #4

6/20/2024

Project No.:

22703

Question and Comment Cards

	Name	Organization	Email	Comment	Agency: PBC, CDOT, CPD, USACE, AOR/EOR
8	Anonymous			Much more is needed. Come on City of Chicago - your design teams will do what you ask. Let them interact more and get really creative. Include community folks at every chance.	
9	Anonymous			If the community knew much more about foremat of meetings in advance + what to expect there woul db e more trust + things would flow better + there woul db e more dialogue.	
10	Anonymous			Three MS FB group invite from Friends of Morgan Shoal	
11	Anonymous			Open house AT the beach so we can show what we mean. Today it was hard to explain what we thought.	
12	Anonymous			Limestone revetments are the answer!	
13	Anonymous			I think that this a solid format for Community engagement, but I feel that there would be more effectiveness if people/stakeholders could do some more when responding to feedback.	
14	Anonymous			I do not see any feedback from other stakeholders. i.e. Friends of the Park	
15	Anonymous			To be clear - Advocates for Morgan Shoal was not allowed to invite more people on the walk - we need lots + lots of users and potential users to get access to site visits or focus groups. Maybe send teams for example Park District Natural Areas Staff out _ walk etc. Many more + more detailed site visits.	
16	Anonymous			I did not see any feedback from Native Americans regarding this process. I did not see anything on display from the group/stakeholders.	
17	Anonymous			Get circle keepers to run some groups with designers, engineers, + decision makers and community members to rebuild trust and have real dialogue.	
18	Anonymous			A LOT more community members are needed and at different times + places. BEFORE finalizing a plan + doing contractor procurement.	
19	Anonymous			The client needs to listen to the design team about community engagement. They are willing to talk + listen + dialogue + explain + see possibility.	



US Army Corps of Engineers



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20	Anonymous			How well was this publicized? What medias were used i.e. Public Radio, PBS, Neighborhood Newspapers?	
21	Rosenberg, Susan		susanrosenberg@ameritech.net	#4 (add salvaged limestone) - this proposed random scattering of limestone blocks seems like a meaningless use of the limestone as opposed to retaining its use as structural.	
22	Anonymous			There seems to have been a lot of engagement - now its...	
23	Anonymous			Meeting without public comment are bullshit.	
24	Gerschick, Tom		tomgerschick@yahoo.com	When and how are you going to respond to the 11 page document that friends of morgan shoal sent you? Your lack of engagement speaks volumes about your lack of valuing the public/tax payer input.	
25	Anonymous			Really listen to + need comments by MS users. Re. communications - I learned of this from Ald. Yancy	
26	Anonymous			We would like SmithGroup + Latent and any other groups (USACE< CDOT< CPD) who are spending lots of time working on plans to spend time intently meeting with community to go over plans in an open curious way with sense of possibility. Focus groups, site visits, etc. There are many experts who can guide true community engagement.	
27	Anonymous			Public meetings need Public Comment. How can the public hold the government accountable without design changes?	

Dear Ms. Gleason,
 Thank you for speaking with us at the second public meeting for the Shoal. We appreciated the change in tone and that some changes had also been made to the plan. I noticed that you began several statements with the awareness that your answer wasn't going to be what people want to hear. I recognize that this process must make you feel that way a lot, and that it must be hard to sit across from a sea of people who might appear to be in opposition. I want to thank you for being there and hearing us, and want to reiterate that we look forward to working together for the kind of solution Chicago

HEATHER GLEASON
 CHICAGO PARK DISTRICT
 4830 S WESTERN AVE
 CHICAGO IL
 60609



S SUBURBAN IL 604
 28 MAY 2024 PM 4 L



SAVE
 PEBBLE
 BEACH!
 Susanne

Heather Gleason
 Chicago Park District
 Dir. Div planning and development
 4830 S. Western Ave.
 Chicago, IL 60609

<https://morganshoalpebblebeach.weebly.com>
 xipamaneni@hotmail.com

09-404630
<https://morganshoalpebblebeach.weebly.com>

What's wrong with
 doing nothing?
 Just let the
 Pebble Beach at
 43rd to 51st naturally
 change - even if
 that means loosing it.

S SUBURBAN IL 604
 28 MAY 2024 PM 5 L



Heather Gleason
 Chicago Park District
 Dir. Div planning and development
 4830 S. Western Ave.
 Chicago, IL 60609

My husband and I are long term Hyde Park residents now live across from Pebble Beach @ 5000 East End we request the following for the planned renovations:
 1) Access that supports people w/ disabilities, and aging feet / knees balance
 2) Dogs - 50% of our building has dogs - there are no dog beaches on the south side
 3) Fishing - My husband loved to fish behind MS11 Jackson Park and that is now all closed off.
 Sharon A. Dobha 5000 S. East End 21A
 @morganshoalrocks #morganshoalrocks #advocatesformorganshoal@gmail.com

Heather Gleason
 Chicago Park District
 Dir. Div planning and development
 4830 S. Western Ave.
 Chicago, IL 60609

<https://morganshoalpebblebeach.weebly.com>

MR. SANTAGATA -
 AS A RESIDENT OF HYDE PARK AND A FREQUENT USER OF PEBBLE BEACH AT MORGAN SHOAL, I WRITE TO SHARE MY CONCERNS ABOUT THE CURRENT PLANS, SPECIFICALLY, IT HAS BEEN 10+ YEARS SINCE PUBLIC INPUT HAS BEEN SOUGHT - HOW MUCH HAS CHANGED SINCE THEN! UNDER THE BLOEN ADMINISTRATION, GREATER EMPHASIS HAS BEEN APPLIED TO MAKING AREAS MORE NATURAL, NOT LESS. I APPRAVE THE PARK DISTRICT USING SO MANY NATIVE PLANTS IN ITS AREA - SO WHY CREATE SUCH AN ARTIFICIAL WATERFRONT? WITH ALL THE KNOWLEDGE, SCIENCE, AND EXPERIENCE, A CONCRETE WATERFRONT IS THE ONLY WAY TO PREVENT EROSION? I HAVE MUCH MORE CONFIDENCE APPARENTLY THAN THE PLANNERS THAT A MORE NATURAL WATERFRONT

THE FRONT SIDE SHOLD LOOK LIKE THE LATEST TRENDS



Matt Santagata
 Chicago Park District
 4830 S. Western Ave.
 Chicago, IL 60609

Dear Heather,
 Thank you for taking the time to go for a walk with us! I really enjoyed walking along beside you and learning more about what brought you to this work rather than from opposite sides of the room. I hope we can continue with that dynamic - which feels so much more productive, to me. It was fascinating to see some of the projects you've most proudly delighted to read about the creative reuse of the new CPD headquarters and a fabulous nature area for kids @ Jack's Park. I would love to continue to work with you on this plan. Start for
<https://morganshoalpebblebeach.weebly.com>

Heather Gleason
 Chicago Park District
 Dir. Div planning and development
 4830 S. Western Ave.
 Chicago, IL 60609

Dear Mr. Santagata,
 I took this photo from one of my favorite places, from a giant rock nestled between the lakeshore and Morgan Shoal. The sublime red-breasted mergansers have all now flown north, as I fly east - in a plane headed to Philly. From up here the city and her beautiful lake are resplendent, and it's impossible not to think in terms of grand vision and extraordinary scale. In my bird-eye view, it is clear that this area is a place of plenty of grid and ordered spaces. Please, the community call for a more natural, spirited
<https://morganshoalpebblebeach.weebly.com>

PHILADELPHIA PA 190
 10 MAY 2024 PM 10 L



MATT SANTAGATA

LAKESHORE

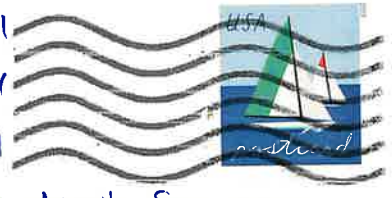
CHICAGO

4830 S

CHICAGO

Am

12. April. 2024 - the first gorgeous day
S SUBURBAN IL 60604



It's impossible to explain what this stretch of lakefront means to the residents of the neighborhoods it borders.

Matt Santagata
CPD
4830 S. Western
Chicago, IL
60609

It has held our hopes + our grief + our sorrow. It has saved our weary minds (and bodies!) before, during, + after the pandemic. To consider dismantling it is to send so many peoples' refuge... in to the hands of a committee meeting. Thanks for considering.
- Ariana Stredley, resident

5/30/24
S SUBURBAN IL 604
16 APR 2024 PM 8 L



Dear Ms. Gleason,

Morgan Shoal is a beautiful natural space in the city. Please save it in its current state for all.

Heather Gleason
Chicago Park District
Dir. Div planning
4830 S. Western
Chicago, IL 60609

Sincerely,
Aileen Schloerb
Hyde Park Resident

<https://morganshoalpebblebeach.w>

Advocates for Morgan Shoal @gmail.com



Tom Gerschick
-- 5201 S. Cornell Ave; Unit 17B
Chicago, IL 60615-4203
be the change you want to see



HEATHER, I WRITE AS SOMEONE WHO USES THE SHOAL DAILY AND TO EXPRESS MY DEEP DISAPPOINTMENT THAT THE PLAN FOR THE SHOAL HAS NOT CHANGED DESPITE SIGNIFICANT, CONTEMPORARY FEEDBACK FROM ITS MOST ACTIVE AND INVESTED USERS - THE ONLY CHANGE IN THE PLAN IS THE EXTENSION OF THE REVEGETATION - WE LEARNED AT THE LAST MEETING FROM THE STRUCTURE ENGINEER THAT IT WAS DONE TO MAKE IT EFFECTIVE, NOT BECAUSE THE PUBLIC REQUESTED IT.

Heather Gleason
Chicago Park District
Dir. Div planning and development
4830 S. Western Ave.
Chicago, IL 60609

THE PUBLIC MEETINGS SEEM LIKE A MERE FORMALITY AND AN INCONVENIENCE RATHER THAN AN OPPORTUNITY TO SHAPE A SPACE THAT MANY OF US USE DAILY AND HOLD DEAR. AND NOW WE AWAIT THE FOURTH AND FINAL MEETING TO REVIEW A PLAN THAT HAS IGNORED US. I TRUST THAT YOU UNDERSTAND BASED ON THIS WHY WE ARE CYNICAL OF YOUR AND THE TEAM'S EFFORTS - YOU WERE ALWAYS GOING TO DO WHAT YOU WANTED TO DO. DISAPPOINTEDLY, GERSCHICK

Please use our valuable resources on other outdoor projects that neighbors are asking for. I love pebble beach as it we like it like that.

S SUBURBAN IL 604
11 JUN 2024 PM 3 L



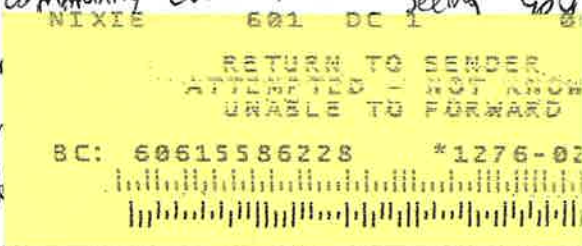
Heather Gleason
Chicago Park District
Dir. Div planning and development
4830 S. Western Ave.
Chicago, IL 60609

Return Address:
Matthew King
5496 S Hyde Park Blvd #
Apt 503
Chicago, IL 60615
mking92956@gmail.com

Heather Gleason
Chicago Park District
Dir. Div planning and development
4830 S. Western Ave.
Chicago, IL 60609

Hello Heather,
It was great to meet you at the Morgan Shoal Project community event. Thank you for our lab

accessible, everyone to I'm looking seem you



E Raumann
5550 S. Dearborn
Chicago 60637



Dear Mr. Santagata:

Matt Santagata
Chicago Park District
4830 S. Western Ave.
Chicago, IL 60609

Please save Pebble Beach for our residents in Chicago. We need to keep spaces available that are green rather than grey.
@morganshoalrocks #morganshoalrocks #savepebblebeach

Dear Matt Santagata,
My name is Andres and I am a resident in Chicago. I am writing you to persuade you to listen to Chicago residents and support a plan for Morgan Shoal that protects the lakeshore, especially the natural wildlife, as well as provides easy accessible entry to the lake. Thank you!
Sincerely, Andres Gow

Advocates for Morgan Shoal @gmail.com

@morganshoalrocks #morganshoalrocks #

Heather Gleason
Chicago Park District
Dir. Div planning and development
4830 S. Western Ave.
Chicago, IL 60609



Dear Heather,
I write to you once again with
my head in the clouds - this
time literally on a gorgeous
chicago afternoon flight to
philly. I'm seeing the city
as I imagine a bird or
a butterfly might, scanning
the shore for home and
safe haven. I understand
that you are coming at this from a manage-
ment perspective, and I think the
flying citizens fall under that purview
believe there is a way for all of us
we want, and what we need. From
clear - in the great scheme of things, what
is so small, yet so deeply impactful.
<https://morganshoalpebblebeach.w>

Heather Gleason
Chicago Park Dis
Dir. Div planning a
4830 S. Western A
Chicago, IL 60609

PEBBLE BEACH
EVENT MARCH
CLEANUP
KENNEDY SATUR
DAY

Dear Mr. Santagata,
Please listen to
your Chicago community
and keep Pebble Beach
natural. It is a
special place that we
care deeply about.

Brigitte Raumann
5749 S Kenwood Ave.
Chicago, IL 60637

Matt Santagata
Chicago Park District
4830 S. Western Ave.
Chicago, IL 60609



advocatesformorganshoal@gmail.com

Julia Regalado
2120 N. CABOT STREAM IL 6061
Chicago, IL 60647

Heather Gleason
Chicago Park Dist
Dir. Div planning an
4830 S. Western Av
Chicago, IL 60609

60609-404630



Dear Matt,
The development of Morgan Shoal
should be in collaboration with
and consideration of community.
we invite you to walk with
us on the shore to further
understand why this space
is so special. we want
to protect natural areas like you!

Advocates for Morgan
Shoal@gmail.com
60609-404630



Matt Santagata
Chicago Park District
4830 S. Western Ave.
Chicago, IL 60609



Hi Heather,
I am writing as a
resident of Hyde Park.
Both the point and
pebble beach are
staples of my wellbeing.
I get so much pride
and calm from existing
in these spaces. I don't
want to watch these
spaces degrade, but I don't
want them to be what makes them
so special for the
community either.
<https://morganshoalpebblebeach.w>

Heather Gleason
Chicago Park Dist
Dir. Div planning
4830 S. Western
Chicago, IL 60609

Dear Ms. Escareno,
I took this photo in what
I call 'the wilds' - a gorgeous
naturalized, archaeologically
and historically rich netherland
of Morgan Shoal. I am
one of many artists, adventurers,
and treasure-hunters who deeply
love this space, and that it exists
in such beautiful proximity to an
extraordinary city, a resplendent lake
me - as a Hyde Parker, my home. I have
of children here for free-form play, out-
for a secret peek of Chicago backyard, and
struggling friend. please help us preserve this
<https://morganshoalpebblebeach.w>

Rosa
Superi
Chicag
4830 S
Chicag