

Netsch Lecture



Friends of the Parks Netsch Lecture: Visions and Future Directions of the Last Four Miles

Lecturer- Paul Boyd and Thom Greene

Host- Maria Villalobos Hernandez: Professor from IIT



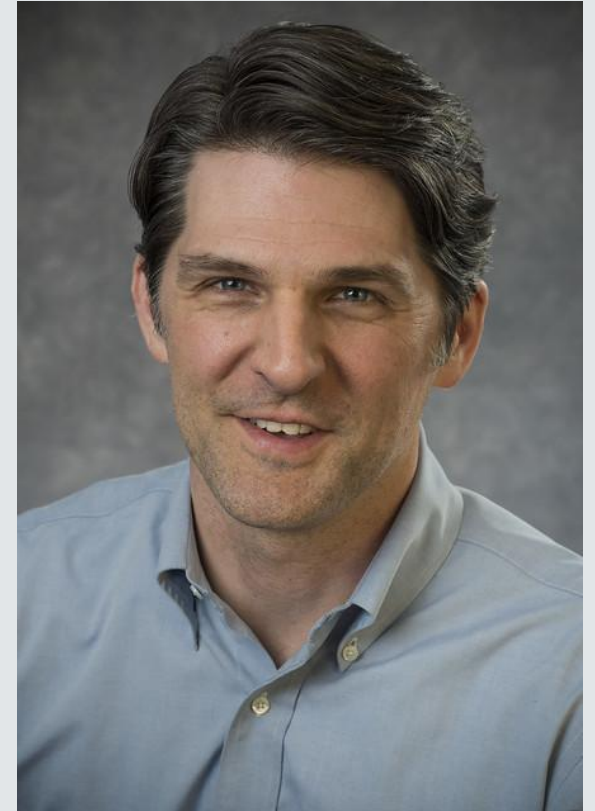
Panelists



Kimberly Fair: Policy Assistant
for the Illinois Environmental
Council



Iyana Simba: City Programs
Director at the Illinois
Environmental Council



Joel Brammeier: CEO and
President of Alliance for the
Great Lakes

Welcome!

- Plans for the Lecture:
 - Welcome
 - Introduce our MC
 - Introduce our first speakers
 - Lecture
 - History and context
 - Walk through of the plan drawings
 - What is happening today
 - Questions/ Discussion
 - Closing





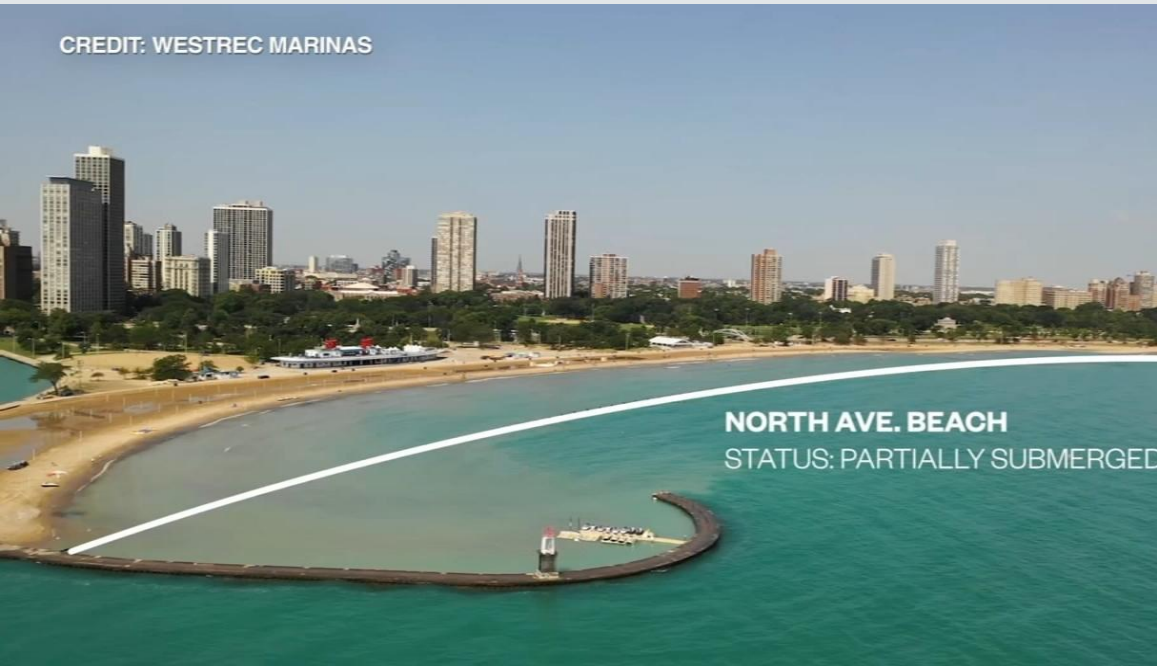
Maria Villalobos Hernandez

Villalobos is an Assistant Professor at IIT, Chicago. She holds a Master's in Design Studies from Harvard Graduate School of Design, and a Ph.D. in Landscape Architecture from the École Nationale Supérieure de Paysage-Versailles. In 2017, she won first prize in the Venezuelan Architecture Biennale, and it was the first time a woman received this award. Villalobos serves on the Lincoln Yards Advisory Council, the Committee on Design for the Department of City Planning in Chicago, and as a core member of Dark Matter University. Villalobos is the recipient of the Council of Educators in Landscape Architecture 2022 Excellence in Design Studio Teaching Award.



History and Context

- History and Context:
 - a). Why is now the time?
 - i. Context Daniel Burnham's Vision
 - ii. Erosion, climate change, and storms





History and Context: Daniel Burnham's Vision







LOOP

Grant Park

Northerly Island

North Ave Beach

Lincoln Park

Montrose Beach

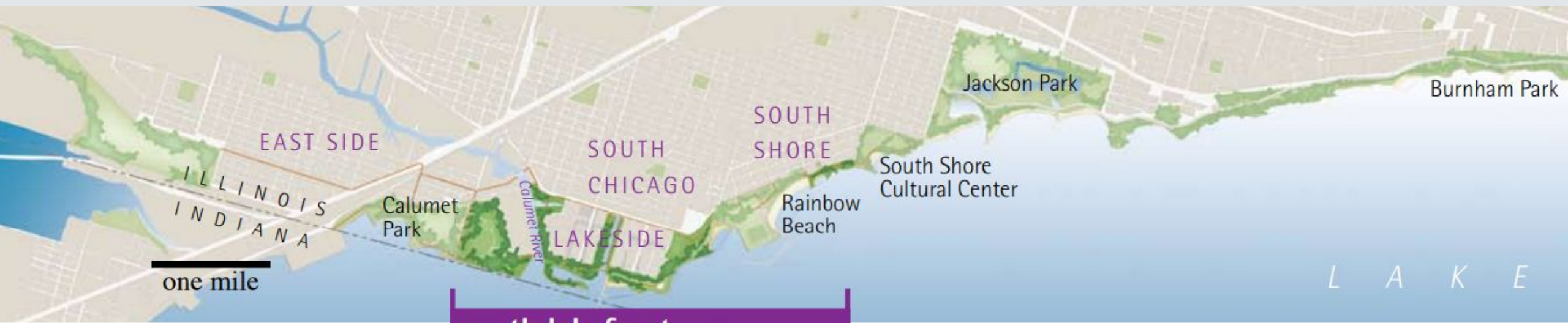
EDGEWATER

ROGERS PARK

M I C H I G A N

north lakefront

*about 100 acres of new parks & beaches
continuous lakefront trail*



EAST SIDE

ILLINOIS
INDIANA

one mile

Calumet Park

SOUTH CHICAGO

LAKESIDE

SOUTH SHORE

Rainbow Beach

Jackson Park

South Shore Cultural Center

Burnham Park

L A K E

south lakefront

*about 400 acres of new parks & beaches
continuous lakefront trail*

How the Vision was Created

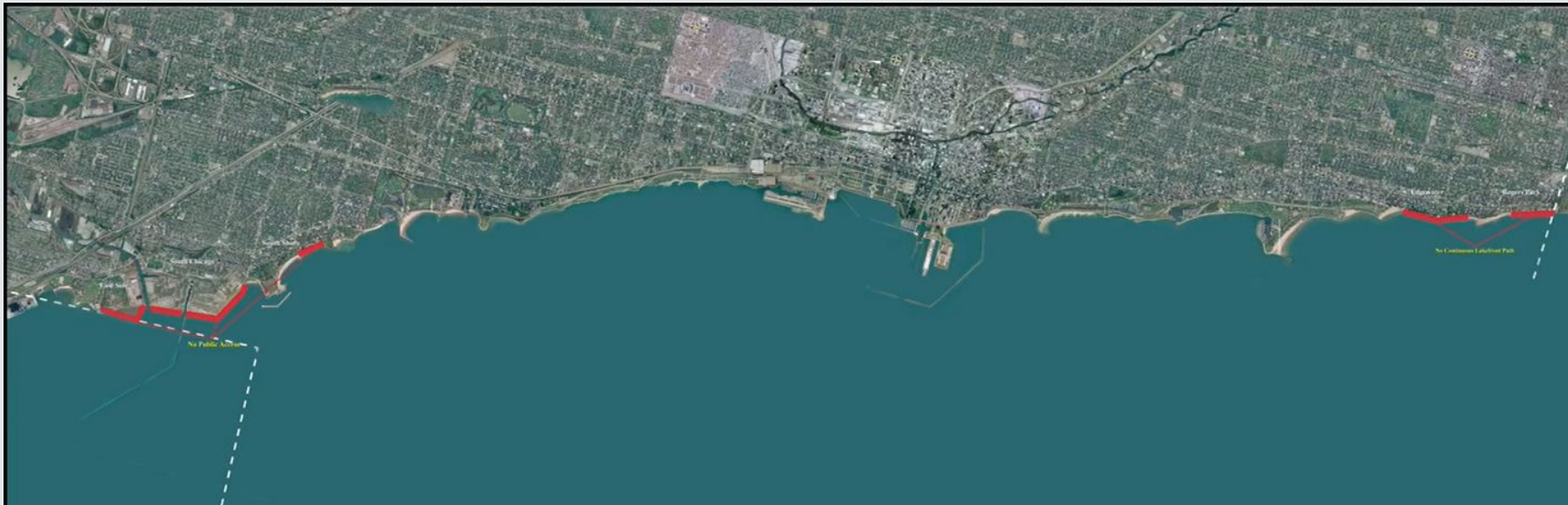
Community-based planning effort

Public meetings between 2006-2009



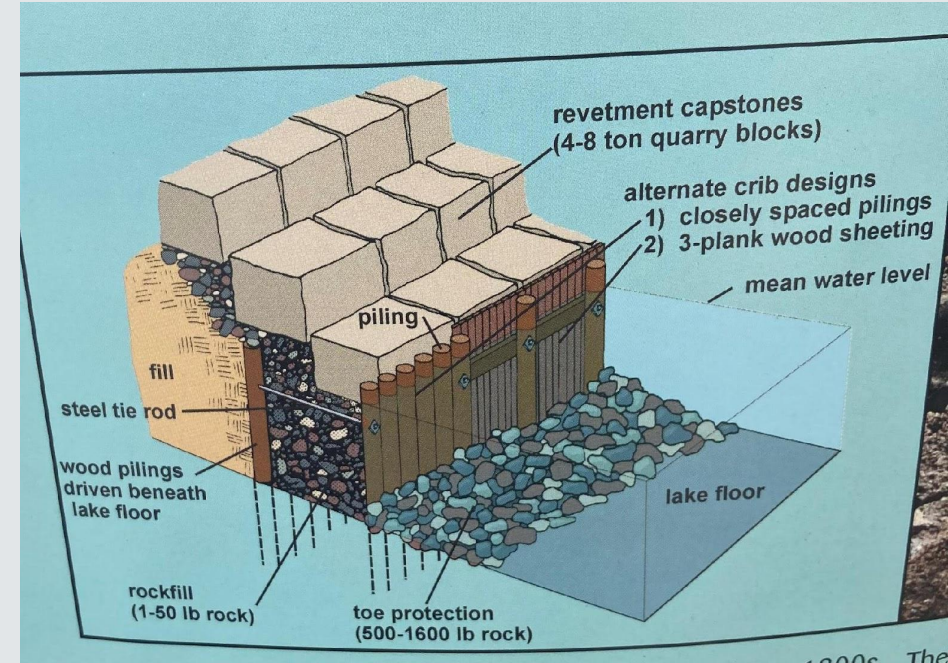
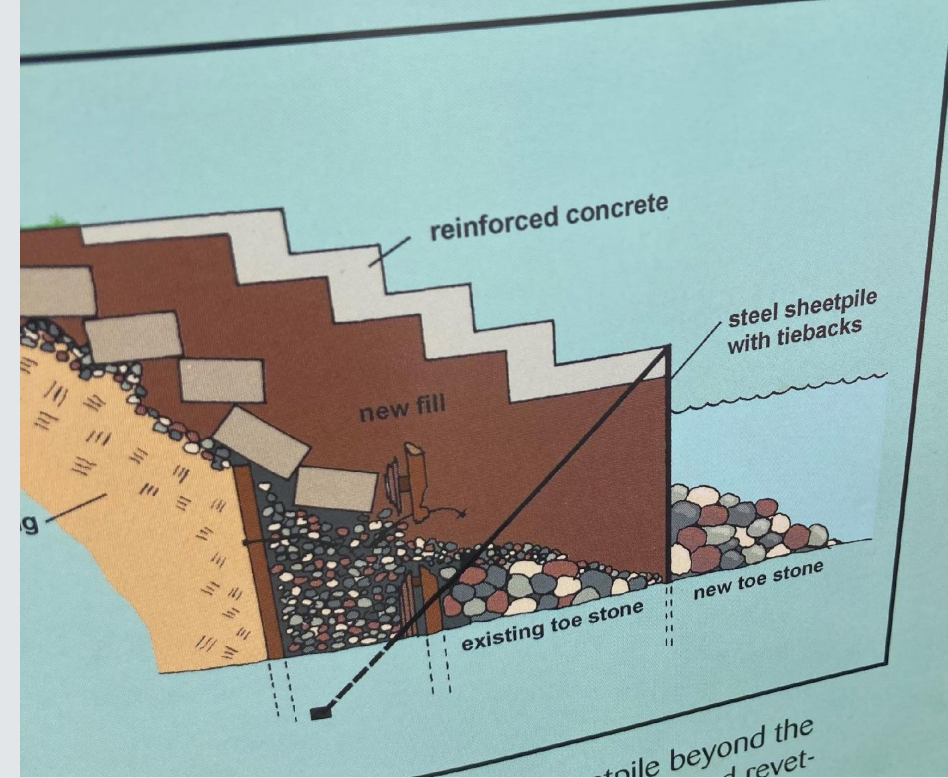
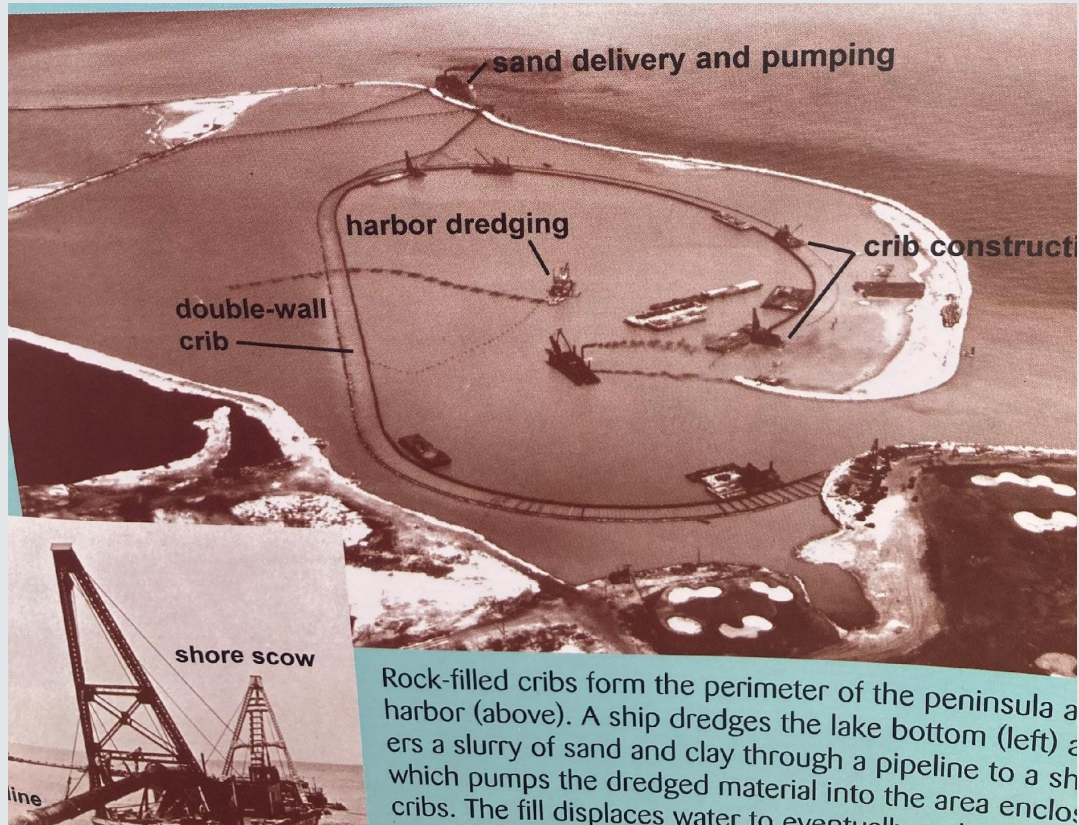
What it means for Chicago

- Single water-front path to connect the city and for people to enjoy



What it means for Chicago

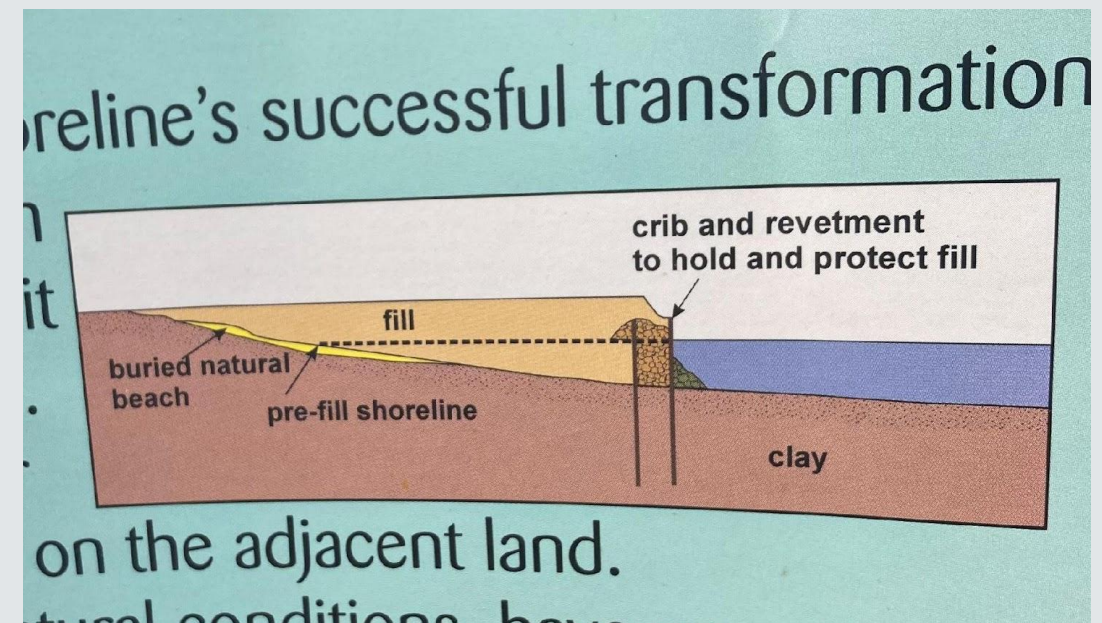
- Shoreline protection



Shoreline Protection



Berger Park



What is means for Chicago: Sand Movement

near the center of the peninsula. A small-boat harbor (Montrose Harbor) was formed by leavi

Sources of fill for Chicago lakeshore

Most of the clean fill is sand that came from the Indiana lakeshore. Although some sand was collected on land by mining the Indiana dunes, a much greater volume was collected with specially designed ships that dredged the lake bottom across the Indiana Shoals offshore from East Chicago, Indiana.



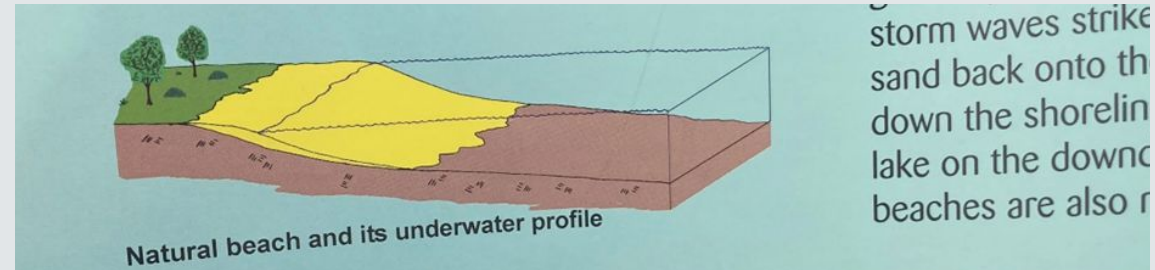
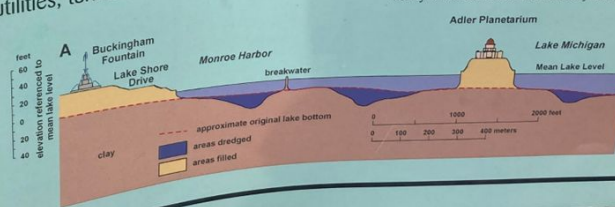
The shoals, an extensive sand reservoir in water less than 30 feet deep, were readily accessible to the drag buckets of dredge ships. The sand was placed in large bins called hoppers, transported to Chicago, then pumped into the area behind the cribs.

Other sources of fill included debris from construction, demolition, utilities, tunnels, and roads produced clay,

Excavation for foundations, sand, and stone. Offshore dredging of the lake bottom furnished fill for some land near Monroe Harbor, Northerly Island, and part of Burnham Park.

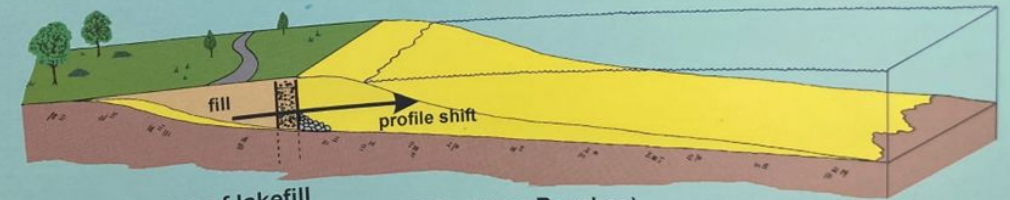


Cross section A-A' shows examples of lake-bottom depressions formed by dredging for clay fill in the vicinity of Monroe Harbor and Northerly Island.

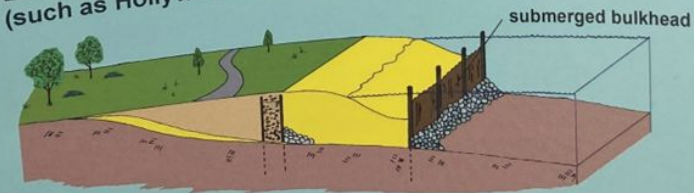


Natural beach and its underwater profile

storm waves strike sand back onto the down the shoreline lake on the down beaches are also r



Beach at edge of lakefill (such as Hollywood-Ardmore and Montrose Beaches)



Perched beach (such as North Avenue-Fullerton Beach)

"Shaping the Chicago Lakeshore" is the second in the poster series, *Geology of the Chicago Lakeshore*, produced by the Illinois State Geological Survey (ISGS) for geoscience education and public display. ISGS reviewers who contributed to this poster are Robert A. Bauer, Jonathan H. Goodwin, D. Bradley Ketterling, and Janis D. Treworgy.

Author: Michael J. Chrzastowski
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Editor: Ellen M. Wolf

The Illinois State Geological Survey (ISGS) studies to assist in the protection and management. For more information on the ISGS Coa or visit our web site at www.isgs.uiuc.edu.



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Department of Natural Resources, Illinois State Geological Survey

What is means for Chicago

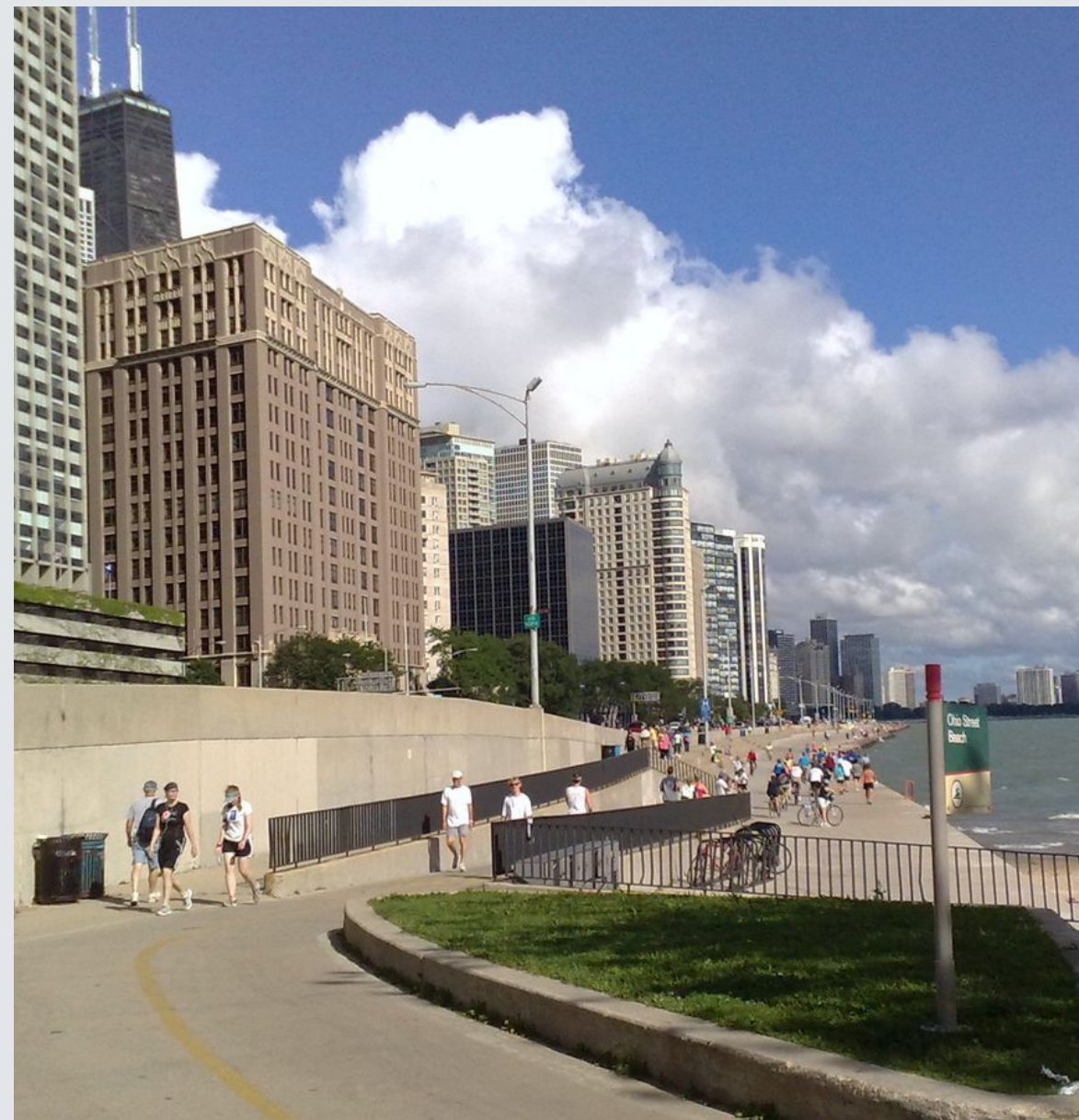
- New aquatic and wildlife habitat
- Improvements for lake ecosystems



Lake Sturgeon

What is means for Chicago

- Economic improvement



What is means for Chicago

- Respond to future through planning



Key Principles and Concepts



PUBLIC ACCESS ALONG LAKE
MICHIGAN FROM EVANSTON
TO INDIANA



MORE PARKLAND AND
BEACHES



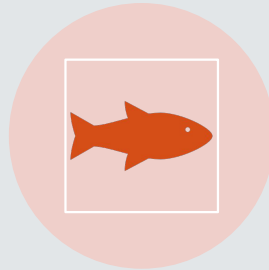
COMMUNITY-BASED
PLANNING EFFORT



COMPLETION OF A
CONTINUOUS LAKEFRONT
PATH



GREEN WAY CORRIDORS TO
THE LAKE



CREATION OF HABITAT AND
IMPROVEMENT OF LAKE
MICHIGAN COASTAL
ECOSYSTEM



PRESERVATION OF CULTURAL
HISTORY



ATTENTION TO PREVIOUS AND
CURRENT OPEN-SPACE AND
GREENWAY PLANNING
EFFORTS



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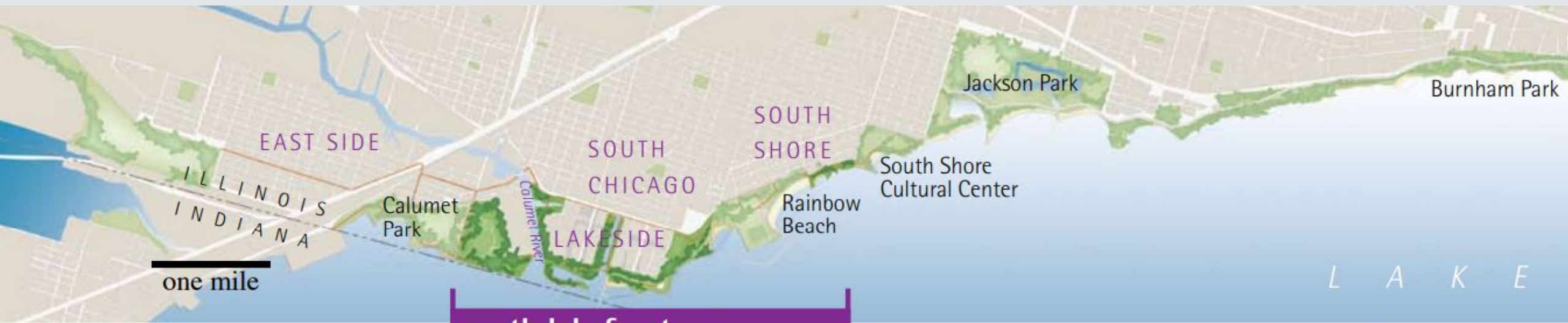
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Calumet River

LAKESIDE

Rainbow Beach

South Shore Cultural Center

one mile

L A K E

south lakefront

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Walking Through Plans

- South
- 95th to Calumet
- Calumet to 79th
- 75-71 St
Option 1
Option 2



95th to Calumet



Calumet to 79th



75-71 St Option 1



75-71 St Option 2



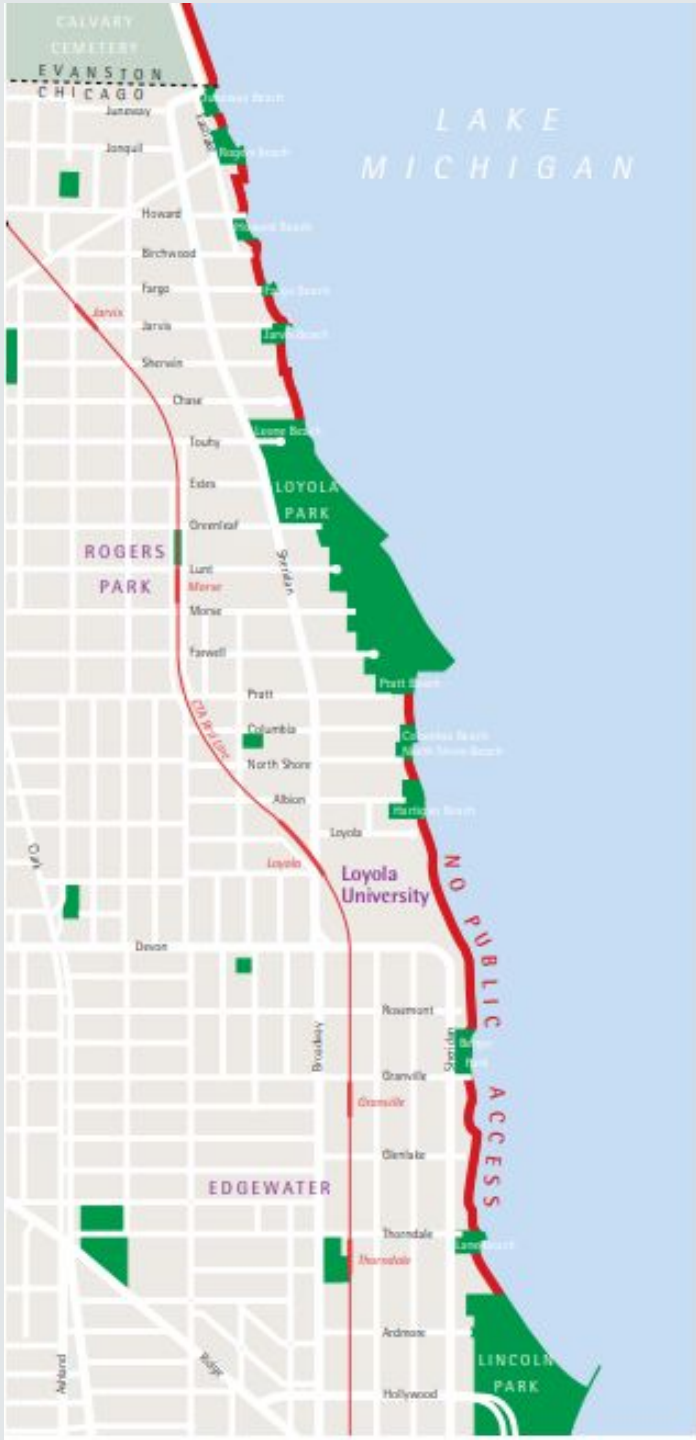


South Shore Concept at Calumet Park



Walking Through Plans

- North
- Ardmore to Farwell
 - Option 1
 - Option 2
- Touhy to Chicago-Evanston Border
 - Option 1
 - Option 2



Ardmore to Farwell



Buerkitz Studio Studio and Topographics

Walkers and bicyclists can continue on the lakefront path all the way to Evanston, without unsafe and confusing detours onto crowded neighborhood streets in Edgewater and Rogers Park.

Heavily used Berger Park in Edgewater is expanded with additional parkland and a new beach, within easy reach of families and children attending park programs.

Additional parkland to the east of Loyola University provides new public places for recreation or to just gaze out over the lake in quiet contemplation.

Option 2: Lane Beach to Berger Park in Edgewater



An alternate Edgewater proposal creates two peninsulas enclosing a new lagoon, with a bridge for the lakefront path.

Touhy to Chicago-Evanston Border



Chicago-Evanston Border: Option 2

An alternate Rogers Park plan results in slightly more parkland. Submerged breakwaters also permit larger beaches.





Estimated Costs

- Completion of the last four miles: \$350-\$450 million in 2009
- Millennium Park was \$475million in 2004

What is Happening Today Updates:

South Shore

US Steel/South Works

CDF

Edgewater

Rogers Park

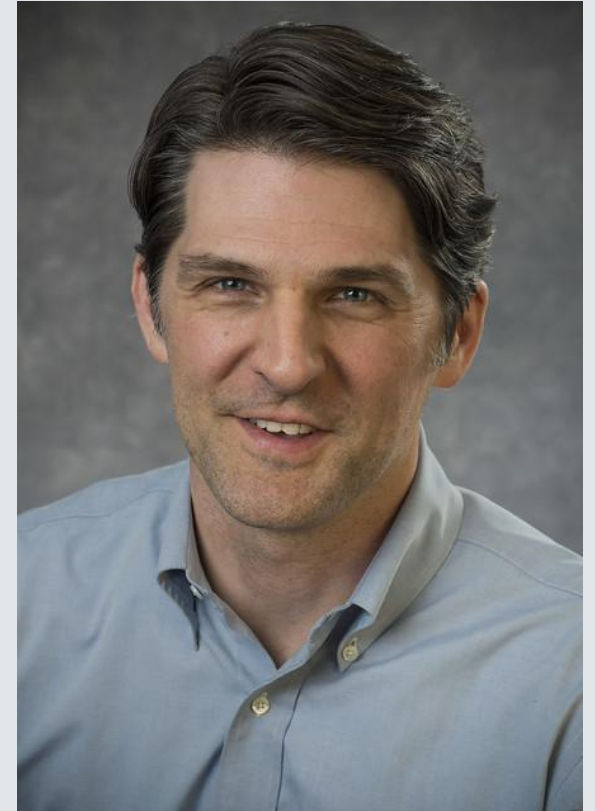
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Questions and Discussions

Friends of the Parks Summer of 2022 Netsch Lecture Series- Re:Design

- FOTP is excited to announce this summer's theme of Re:Design for our Netsch Lecture series
- The topics are:
 - Natural River's Edge presentation
 - IIT students presenting revisions of the CDF as a park
 - De-pave
 - Live Tour of Rock Drawings along the lake



If you'd like to continue the conversation or talk more with our policy team, please contact us!

- Rachel Birkhahn-Rommelfanger (Director of Policy and Advocacy) :

Email: rachelbr@fotp.org

- Julie Malnak (Policy and Communications Associate):

Email: malnakj@fotp.org

- FOTP Phone number: (312) 857-2757



Announcements

- 20th Anniversary Celebration of the South Shore Nature Sanctuary on June 25th from 1-4pm
- At this time, if anyone else has any announcements, please feel free to share