POSSIBILITIES

Re-imagining Cleveland’s Lakefront Dialogue Series

Presented by Green Ribbon Coalition
in association with FreshWater
Re-Imagining Burke Lakefront Airport

AN EXPLORATION OF ALTERNATIVE LAND USES

PRESENTATION FOR THE GREEN RIBBON COALITION
JULY 2019
Site Facts

• 450 Acres
• 3.1 Miles of Shoreline
• Airport Owned and Operated by the City of Cleveland
•Opened in 1947
• Serves primarily small aircraft, corporate jets, air taxis, flight school, & helicopters
• 34,407 flight operations (2017); down from 90,000 (1990s average)
Why Is Waterfront Land Use Important?

- Health
- Commerce
- Entertainment
- Water Quality
- Real Estate Value
- Jobs
Why is waterfront land use important?

It Directly Affects...

QUALITY OF LIFE
Improving Quality of Life?
A History of Dredging
Historic Shoreline Changes

1877

1850s Railroad Built on Lake Erie Shoreline

1877 Entire Site Covered By Water

Image Source: Library of Congress
Historic Shoreline Changes

1931  Cleveland Municipal Stadium Opens

1932
Historic Shoreline Changes

1936

1936     First Segment of Shoreway Opens
1936-1937  Great Lakes Exposition


Image Credit: Donald Cole
Historic Shoreline Changes

1945

Image Source: Cleveland Public Library
Historic Shoreline Changes

1940  Maine Ave Bridge Opens Shoreway Extended West to Edgewater Park

1947  Burke Airport Opens

Image Credit: J.H. Doyle
Historic Shoreline Changes

1974

1960s-1970s

Airport Expansion

Image Credit: Michael A. Fuerst
Historic Shoreline Changes

1877

1932 1936 1945 1959 1974

2000

1988  Voinovich Park Opens

2000s- Dredge CDFs

2010s  Expanded on North and East Sides of Airport

Image Credit: Google Earth
Historic Shoreline Changes

- 1877
- 1932
- 1936
- 1945
- 1959
- 1974
- 2000
- 2018

2000s - Dredge Sites
2010s - Filled In

Image Credit: Google Earth
A History of Dredging
<table>
<thead>
<tr>
<th>Location</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burke Lakefront Airport</td>
<td>450 Acres</td>
</tr>
<tr>
<td>Cedar Point</td>
<td>364 Acres</td>
</tr>
<tr>
<td>Edgewater Park</td>
<td>147 Acres</td>
</tr>
<tr>
<td>Big Met Golf Course</td>
<td>150 Acres</td>
</tr>
<tr>
<td>Crocker Park</td>
<td>106 Acres</td>
</tr>
</tbody>
</table>
Existing Combined Sewer Overflows (CSOs)
Existing Poor Waterfront Access
...So What if The Airport Wasn’t There?
Concept

Existing

Separation
City and Waterfront

Proposed

Integration
City and Waterfront
Design Goals & Objectives

• **Improve Connectivity** to the waterfront

• **Encourage Development** within walking range of downtown and transit

• **Create Productive Green Space** that:
  • Improves Public Waterfront Access
  • Provides Opportunities for Recreation
  • Disposes of Dredge
  • Cleans Water
  • Creates Wildlife Habitat
Proposed Land Use Plan
Proposed Site Organization

- Transit Oriented Development
  - Productive Green Space
Proposed Transit-Oriented Development
Proposed Shoreway Boulevard
Proposed Complete Street Connections
Proposed Waterfront Trail Network
Proposed Dredge Mounds

Sequence of Dredge Mound Construction

0 Years 5 Years 10 Years 15 Years 20 Years
Proposed Bird’s Eye View
Proposed Public Park & Beach
Proposed Adventure Park & Overlook Mound
Proposed Boardwalks & Habitat Restoration
Proposed Land Use Plan
Key Take-Aways

1. Every Great Project Begins with a Vision.

2. The Burke Airport Site Has Tremendous Potential To:
   - Improve Quality of Life
   - Promote Economic Development
   - Protect The Environment.

3. This vision was an academic exercise. Public and stakeholder engagement and discourse is critical to any future land use planning.
One Final Thought...

Vertical Takeoff Aircraft May Be The Future of Aviation.

Could The Airport Footprint Shrink In The Future?
End of Presentation

Thank You!