

MIAMI-DADE COUNTY WATERFRONT MASTER PLAN

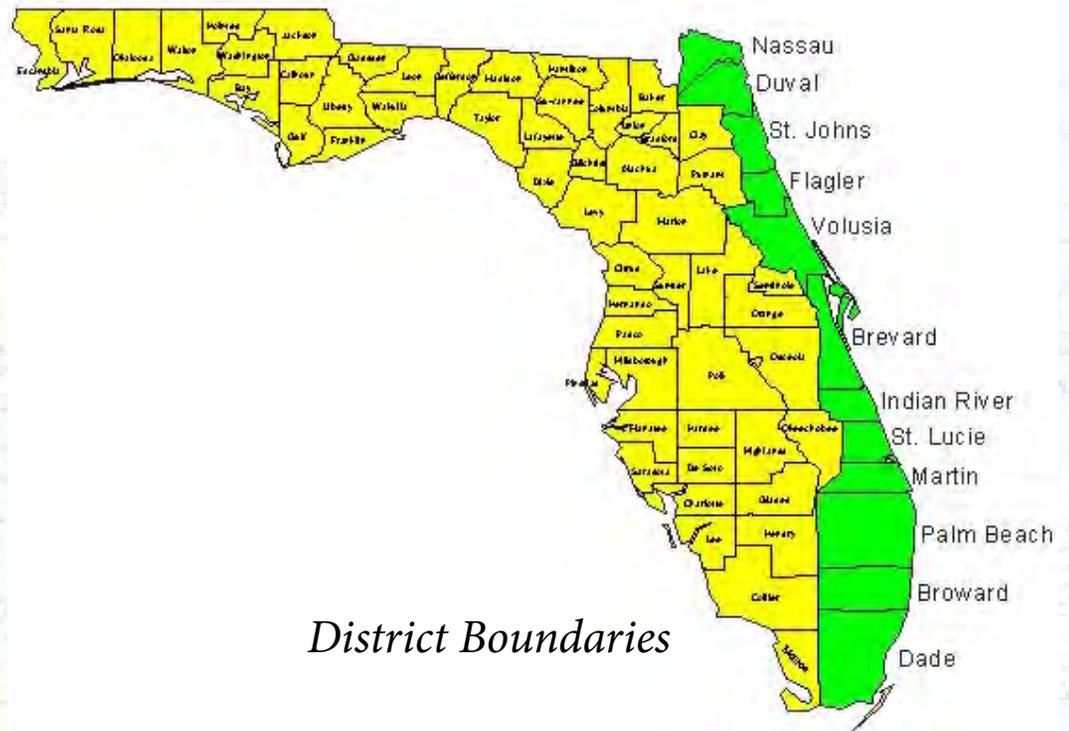


Miami-Dade County Waterfront Presentation - Monday, July 29, 2013

WHO ARE WE?

FLORIDA INLAND NAVIGATION DISTRICT (FIND):
Local Sponsor of the Atlantic Intracoastal Waterway in Florida

- 12 commissioners appointed by governor
- 1 commissioner from each Atlantic coastal county
- 6 staff based in Jupiter
- Annual budget of approximately \$80 million, \$20 million generated from annual ad valorem taxes



WHAT DO WE DO?

- Manage the intracoastal waterway from Miami to FL-GA line
 - Required creation of a dredged material management plan
 - Acquisition of land for dredged material in management areas
- Provide grants to local governments for waterfront: improvement projects
 - Crandon Marina
 - Haulover Marina
 - Pelican Marina & Pelican Island





Crandon Park Marina



Haulover Marina



Pelican Marina



Pelican Island



NEW INITIATIVE - WATERFRONT PLANNING

- Pilot project in Palm Beach County
 - Public access
 - Water transportation and links to existing upland transit
 - Creating a system of marina “villages” and other key waterfront destinations
 - Environmental restoration
 - Increasing and enhancing nature-based recreational and eco-tourism opportunities
 - Promoting economic activity



MARITIME MASTER PLAN - MMP

- Assist local governments with preparing and implementing a comprehensive Maritime Management Plan
- \$100,00 cost share from FIND
- The plan shall be utilized by the eligible government to promote and maximize public benefit and enjoyment of eligible waterways, while identifying and prioritizing the waterway access needs of the community.
- The plan shall be utilized as a tool to provide a minimum 5-year planning analysis and forecast for the maritime needs of the community.



REQUIRED COMPONENTS OF MMP

1. Public boat ramp and ramp parking inventory and analysis.
 2. Public mooring and docking facility analysis
 3. Commercial and working waterfront identification and needs analysis.
 4. The identification, location, condition and analysis of existing and potential navigation channels.
 5. An inventory and assessment of accessible public shorelines.
 6. Public Waterway transportation needs.
 7. Environmental conditions that affect boat facility siting, a current resource inventory survey, and restoration opportunities.
 8. Economic conditions affecting the boating community and boating facilities.
 9. Acknowledgment and coordination with existing data and information, including an emphasis on the Intracoastal Waterway.
- The applicant should utilize the plan to assist in prioritizing waterway improvement projects.



WATERFRONT PLANNING IN MIAMI-DADE COUNTY

- Public access - not continuous, not optimized
- Water transportation - none
- Environmental restoration



PUBLIC ACCESS - PROBLEMS

- Dead ends
- Lack of green space
- Lack of activities
- More residential uses along waterfront; becomes less accessible to users
- Unclean
- Pollution



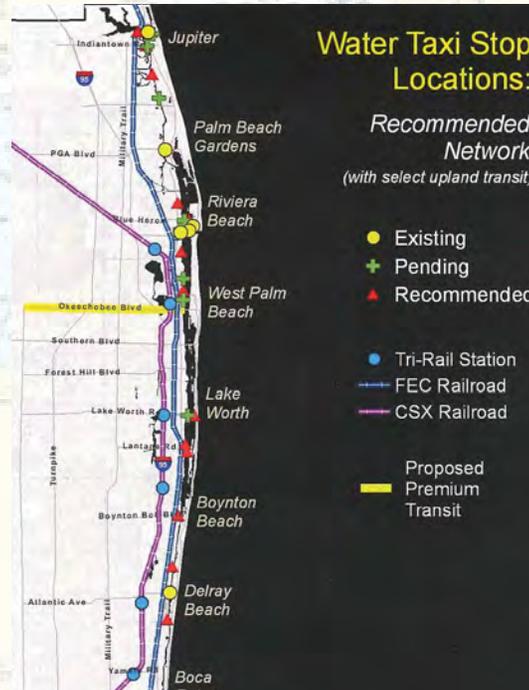
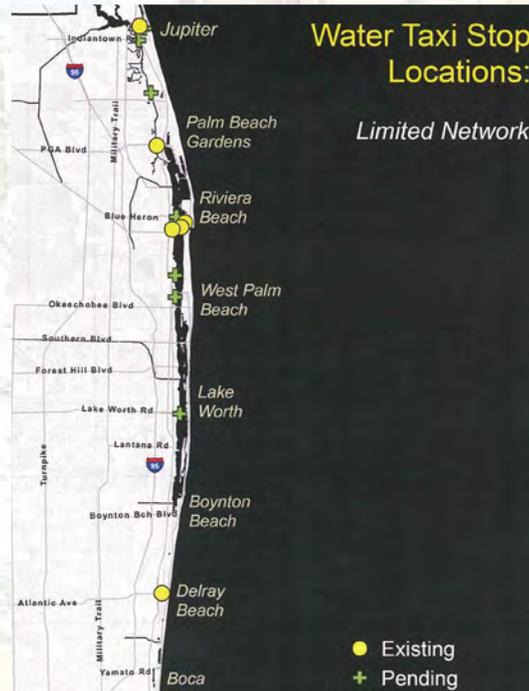
PUBLIC ACCESS - SOLUTIONS

- Public parks
- Promenades
- Riverwalks and fishing piers
- Causeways and recreational islands
- Fishing and snorkeling locations
- Boat ramps and canoe/kayak launches
- Public marinas
- Commercial uses located along the waterfront such as restaurants and hotels

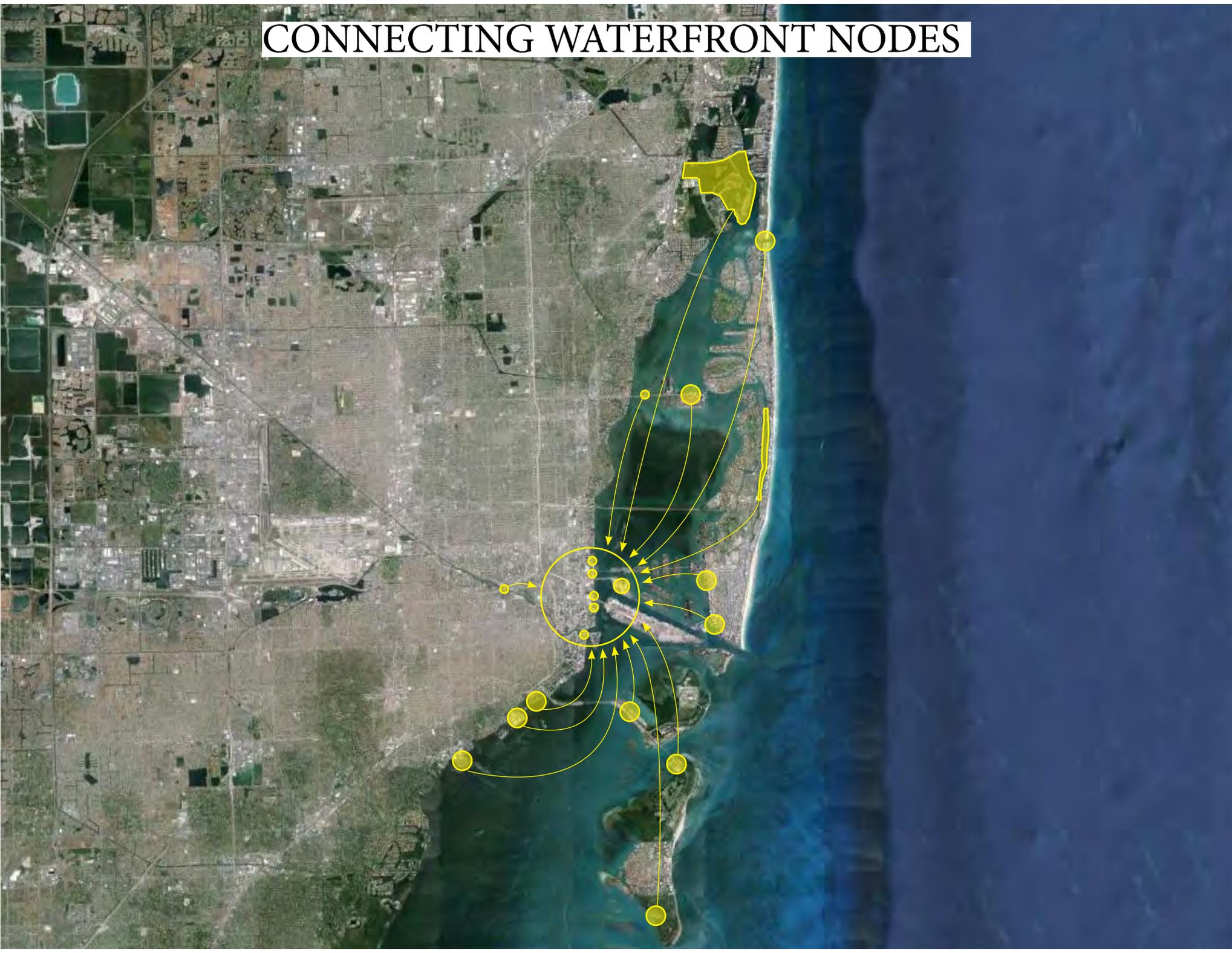


WATER TRANSPORTATION

- Water-taxis
- Motorcrat to private kayaks
- Development of water-dependent destinations
- Expansion of vessel service amenities
- Further development of marine-related industries
- Transportation corridor system preservation



CONNECTING WATERFRONT NODES



MARITIME MANAGEMENT PLAN - HISTORY

- In 2012, County approved a resolution to use BBETF money to match FIND grant.

- DERM determined Plan was not proper use of BBETF money.

- Back to the drawing board...

RESOLUTION AUTHORIZING SUBMISSION OF A GRANT APPLICATION FOR \$100,000 TO THE FLORIDA INLAND NAVIGATION DISTRICT TO USE THESE AND OTHER BOATING IMPROVEMENT FUNDS TO COMPLETE A COUNTYWIDE RECREATIONAL WATERFRONT ACCESS IMPROVEMENT PLAN; AND AUTHORIZING DISBURSEMENT OF \$100,000 IN MATCHING FUNDS FROM THE BISCAYNE BAY ENVIRONMENTAL ENHANCEMENT TRUST FUND FOR ENVIRONMENTAL ENHANCEMENT PROJECTS TO OFFSET DAMAGE FROM HUMAN USES TO THE BAY OR ITS SHORE IN ACCORDANCE WITH CHAPTER 24-40(3) AND 24-40(6) OF THE CODE OF MIAMI-DADE COUNTY

Memorandum



Date: [Redacted]
To: Honorable Chairman Joe A. Martinez and Members, Board of County Commissioners
From: Carlos A. Gimenez, Mayor
Subject: Resolution Authorizing Submission of a Grant Application for a Countywide Recreational Waterfront Access Improvement Plan and Authorizing the Disbursement of \$100,000 from the Biscayne Bay Environmental Enhancement Trust Fund Allocation for Related Environmental Enhancement Actions

Recommendation
It is recommended that the Board of County Commissioners (Board) approve the attached resolution authorizing the submission of a \$100,000 grant application to the Florida Inland Navigation District (FIND) for a countywide Recreational Waterfront Access Improvement Plan and authorizing a disbursement of \$100,000 in matching funding from the Biscayne Bay Environmental Enhancement Trust Fund (BBETF) for related environmental enhancement activities.

Scope
The Recreational Waterfront Access Improvement Plan is a project of countywide significance, and will generally focus on bayfront locations within Commission Districts 4, 5, 7, and 8.

Fiscal Impact/Funding Source
The project will have no fiscal impact to the County since there is no immediate creation of operation or maintenance cost requirements. Funding sources for the \$275,000 planning project are expected to include \$100,000 from a State FIND grant, County matching funds of \$100,000 from a BBETF disbursement (index code TFDE400010, Subobject 22430, with an available balance (minus other pending disbursements) of \$617,000 as of October 31, 2011) and \$75,000 of Florida Boating Improvement Funds (FBIF) (index code PRE3893514 with an available balance of \$75,000). Approval of matching funds from the BBETF will support environmental improvements such as signage, boater education, and seagrass restoration at places such as Black Point Park and other similar marinas.

Track Record/Monitor
Kevin Asher, Special Projects Manager for the Miami-Dade County Parks, Recreation and Open Spaces Department (PROS), will manage the planning project. The Department of Permitting, Environment and Regulatory Affairs (PERA) will manage related environmental enhancement activities.

Background
PROS, along with other municipal and State agencies, manages extensive areas of Biscayne Bay waterfront land and submerged areas for recreational access. Increasing demand by residents and tourists for recreational access to waterfront land and nearshore boating opportunities, coupled with decreasing supply of boating facilities throughout Biscayne Bay, place extraordinary pressure on the use of upland and submerged areas.

Honorable Chairman Joe A. Martinez
And Members, Board of County Commissioners
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Recent studies and plans completed by State and county agencies have identified the need for improving public recreational areas and access to environmental and waterfront areas along Biscayne Bay while maintaining and enhancing water quality and natural fish and wildlife habitats. Related work has identified compliance issues with vessel speed zones and safety regulations at recreational waterfronts, particularly in areas such as Black Point Park, and vessel traffic and groundings have caused damage to shallow seagrasses that provides habitat for fish and wildlife, and in some cases caused injuries to boaters.

PROS seeks to establish a comprehensive countywide approach to expanding public recreational waterfront access opportunities by recommending capital, policy and administrative improvements to publicly and privately owned waterfronts and waterways, and measures to protect the sensitive environment of these areas.

FIND has proposed grant funding of \$100,000 for a countywide waterfront improvement plan for recreational waterfront and waterway areas, contingent upon a county match of \$100,000. Pursuant to Chapter 24-40(3) and 24-40(6) of the Code of Miami-Dade County, funds accrued in the BBETF may be used for environmental enhancement and restoration of Biscayne Bay and its shore but may not be used for studies. Working together with PERA, staff has identified environmental enhancement activities such as improved signage, boater education, and seagrass restoration at Black Point Park or similar areas that are impacted. These complementary activities may be funded by the BBETF, and along with already received FBIF funds, may be used to match the grant from FIND.

The resulting plan for primarily Biscayne Bay locations will improve municipal and county recreational waterfront access for boaters and non-boaters as well as improve the aquatic areas and regulatory enforcement necessary for its support. This plan will allow for input from the various municipalities and community groups having an interest in improving recreational access to public waters. Given its complexity and public input from affected interests, it is projected to take 10 months to complete.

I have received and considered the attached recommendation (Attachment A) from the Interim Director of PERA.

Lisa M. Martinez
Senior Advisor



MARITIME MANAGEMENT PLAN - HISTORY

- In 2012/2013, small group came together - myself, Gary Milano, Greg Bush
- Assembling information and reaching out to stakeholders (Miami, Miami Beach, County PROS)
- Developing framework for broad “Miami Waterfront Planning Coalition”



MARITIME MANAGEMENT PLAN - MOVING FORWARD

- Need the County to serve as a hub of information and planning resource
- Need County to staff and coordinate charrette meetings with assistance from the Coalition
- Need to develop Steering Committee to establish process and timing
- Work with Municipalities as stakeholders



MARITIME MANAGEMENT PLAN FOR MIAMI- DADE COUNTY

- Public Access – enhance publicly owned shorelines, promote public use of certain private shorelines in suitable areas, link them together
- Water Transportation - promote true multi-modal transportation by establishing network with links to activity nodes and upland transit (MDT, trolley systems, Port of Miami)
- Environmental Restoration – Health of Biscayne Bay, Seagrass restoration, elimination of point source stormwater discharges, coastal restoration projects (i.e. Virginia Key)
- Identification of funds for waterfront projects – FIND, County GOB, Municipal sources
- Link State and National Parks – Oleta, Cape Florida, Barnacle; north gateway for BNP
- Study Economic Impacts



A nautical chart of the Miami waterfront area, showing Biscayne Bay, Miami Beach, and various waterways. Overlaid on the chart are several yellow and orange colored shapes representing proposed waterfront plans, including piers, docks, and structures. A legend box is visible on the right side of the chart.

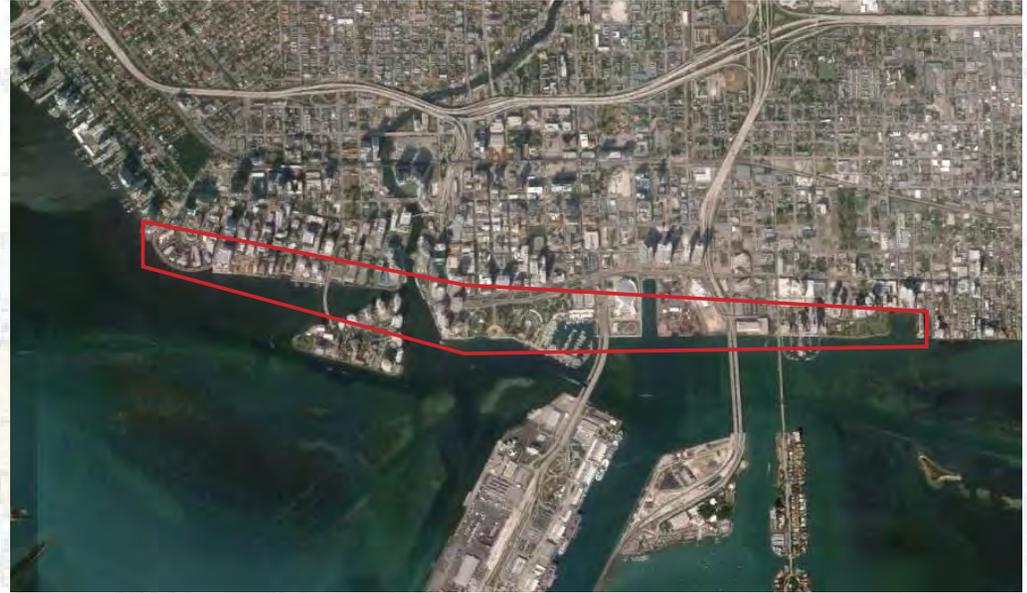
PROPOSED WATERFRONT PLANS IN MIAMI



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MIAMI BAYWALK

- Starts at NE 21st Street in Omni
- Ends at SE 15th Road in Brickell
- Approximately 5 miles
- Mostly complete but existing barriers are difficult to remove
- Multiple funding sources available
- Multiple jurisdictions control permitting and development
- 2 studies complete - University of Miami Baywalk and City of Miami Baywalk Pedestrian Mobility study
- Goal: tourist staying in downtown can walk/jog the entirety of the Baywalk without getting lost confused/scared



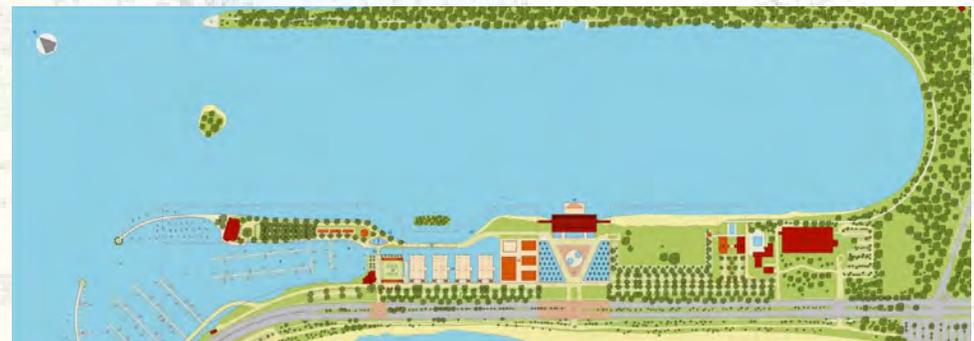
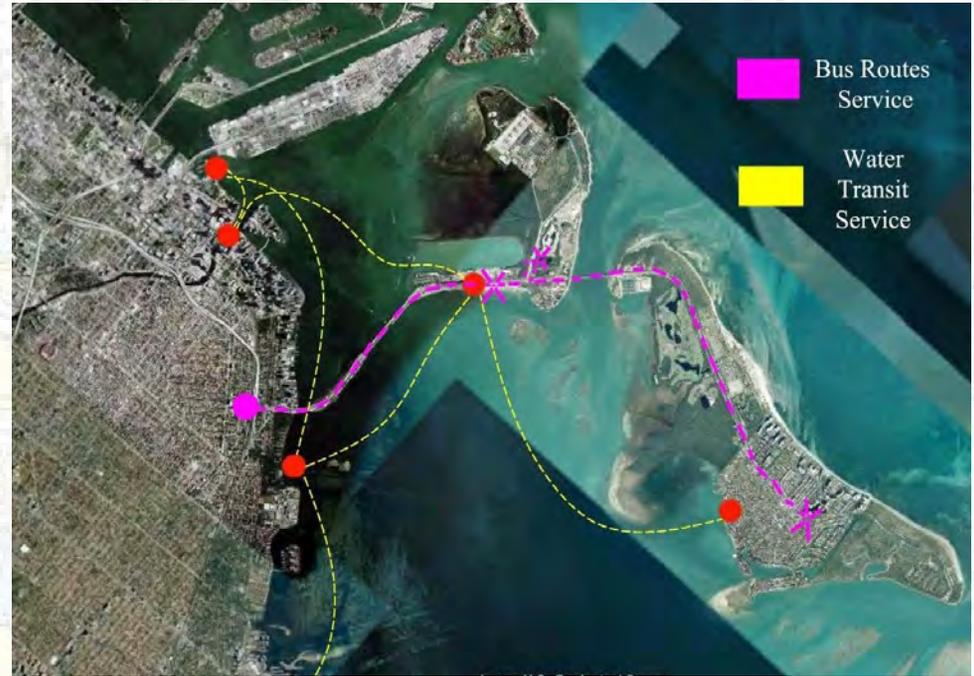
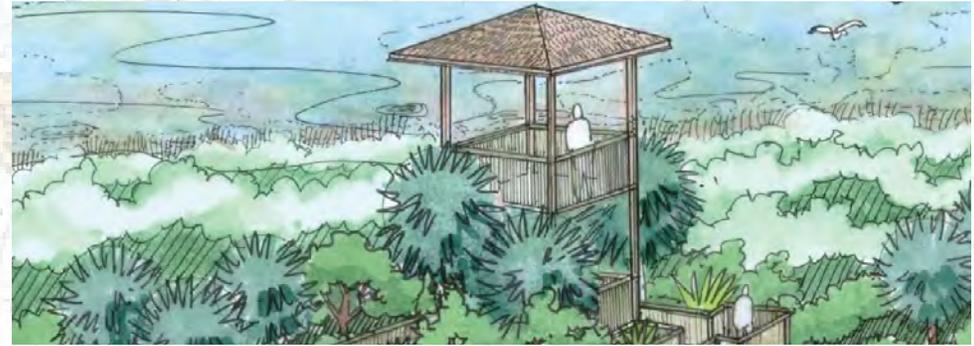
COCONUT GROVE WATERFRONT PLAN

- Enhance physical connections
- Strengthen center Grove
- Capitalize on views to the water
- Green the waterfront
- Extend baywalk promenade
- Create walkable, livable community that promotes human interaction
- Design walking and bike trails that link the built and natural environment
- Re-establish habitat zones by use native and non-invasive plant species
- Establish a natural systems framework that preserves open space, habitat, buffers, and corridors to minimize ecosystem impacts



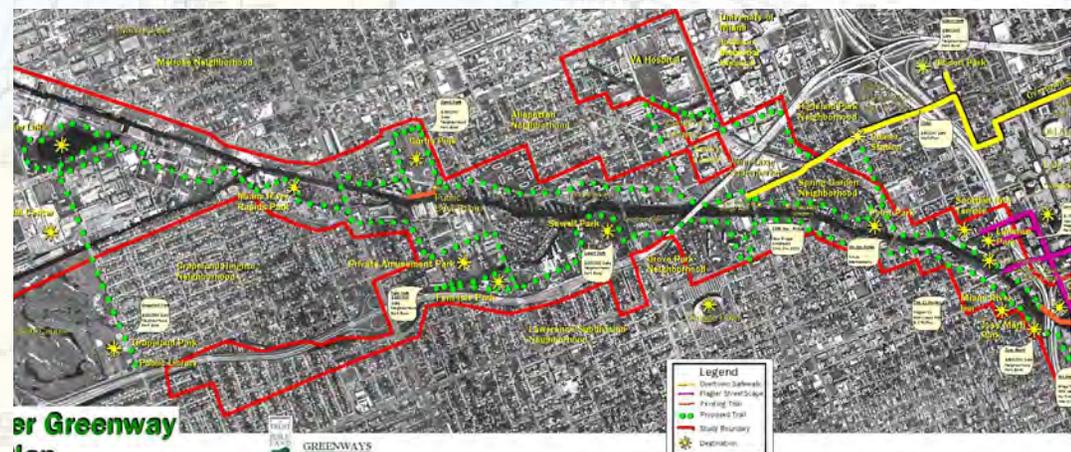
VIRGINIA KEY WATERFRONT PLAN

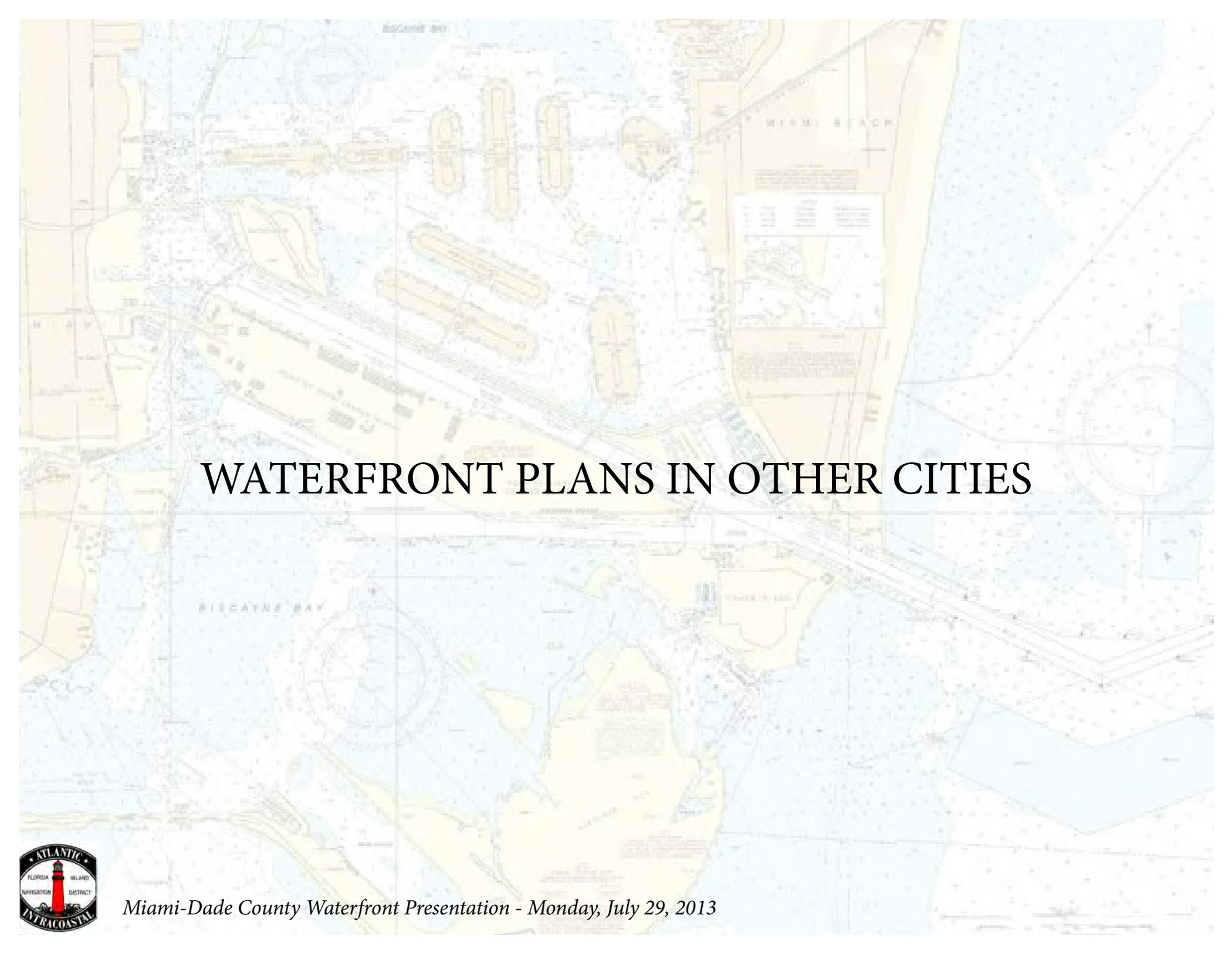
- An accessible place of recreation, heritage, and natural conservation
- Complete public access to waterfront
- Sustainable principles: healthy activity, low carbon footprint
- Expand eating and public facilities, and recreational activities
- Integrate thematic linkages: heritage, recreation, environmental education, and conservation of natural resources
- Enhancement of nature
- Water taxi transportation



MIAMI RIVER GREENWAY

- Provides specific recommendations and implementation strategies that will hasten physical improvements throughout the river corridor
- More accessibility to residents and visitors
- Enhance marine industrial shipping activity
- Improve land values
- Create new recreational amenities
- Enhance and protect natural and cultural heritage for future generations to enjoy
- Study area consists of the easternmost 5.5 miles of the Miami River





WATERFRONT PLANS IN OTHER CITIES



VISION 2020: NEW YORK CITY COMPREHENSIVE WATERFRONT PLAN

GOALS:

- Expand public access
- Enliven the waterfront
- Support the working waterfront
- Improve water quality
- Restore the natural waterfront
- Enhance the Blue Network
- Improve government oversight
- Increase climate resilience

VISION 2020
NEW YORK CITY COMPREHENSIVE WATERFRONT PLAN



THE CITY OF NEW YORK
MAYOR MICHAEL R. BLOOMBERG

DEPARTMENT OF CITY PLANNING
AMANDA M. BURDEN, FAICP, COMMISSIONER

MARCH 2011
www.nyc.gov/waterfront

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TORONTO WATERFRONT PLAN

GOALS:

- Rethinking, reimagining, and redefining what the waterfront can be
- Number one priority: reconnecting people with the waterfront
- Emphasize parks and public spaces
- Environmentally and economically sustainable design
- Transform the waterfront into a public destination with vibrant public and cultural spaces capable of providing a variety of experiences and amenities
- Highly local environment featuring dynamic, sustainable, mixed-use neighbourhoods with strong connections to adjacent communities
- Draw a new generation of employment
- Live, work, and play



SEATTLE WATERFRONT PLAN

GOALS:

- Creation of a promenade
- Retail and commercial development
- Bay and boating activities
- Large-scale open spaces
- Small-scale activity destinations
- Open-up new public space
- Increase access to the water
- Places to enjoy views
- Vibrant public and cultural spaces
- New urban street that will accommodate all modes of travel
- Provide an important connection in the City's transportation system

