

EXHIBIT 2

SECTION I
AMENDMENT REPORT
BROWARD COUNTY LAND USE PLAN
PROPOSED AMENDMENT PCNRM 19-2

**(NATURAL RESOURCE MAP SERIES - EASTERN BROWARD COUNTY: BEACHES AND SHORES,
INCLUDING ESTUARINE SYSTEMS, RIVERS, BAYS, LAKES, HARBORS
AND DREDGE SPOIL DISPOSAL SITES)**

RECOMMENDATIONS/ACTIONS

DATE

- I. Planning Council Staff Transmittal Recommendation September 17, 2019

It is recommended that the proposed amendment to the Natural Resource Map Series – Beaches and Shores, Including Estuarine Systems, Rivers, Bays, Lakes, Harbors, Dredge Spoil Disposal Sites and Primary Drainage Map be approved.

As there are no outstanding concerns or issues, Planning Council staff does not recommend a second Planning Council public hearing be required consistent with Article 1.2 (A) of the *Administrative Rules Document: BrowardNext*.

- II. Planning Council Transmittal Recommendation September 26, 2019

Approval per Planning Council staff transmittal recommendation, including not requiring a second Planning Council public hearing. (Vote of the board; Unanimous: 15-0; Blackwelder, Blattner, Breslau, Brunson, Castillo, Gomez, Graham, Hardin, Parness, Railey, Rich, Rosenof, Ryan, Williams and DiGiorgio)

- III. County Commission Transmittal Recommendation November 5, 2019

Approval per Planning Council transmittal recommendation.

- IV. Summary of State of Florida Review Agency Comments December 6, 2019

The State of Florida Review Agencies issued no comments or objections regarding the proposed amendment.

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INTRODUCTORY INFORMATION

On May 23, 2019, the Broward County Planning Council initiated an update of the BrowardNext – Broward County Land Use Plan (BCLUP) Natural Resource Map Series. The first map to be updated per this initiative is the “Beaches and Shores, Including Estuarine Systems, Rivers, Bays, Lakes, Harbors and Dredge Spoil Disposal Sites” (Beaches and Shores) map. Each element of this map is a requirement of Chapter 163.3177, Florida Statutes.

The proposed update to the Beaches and Shores map includes depicting the primary drainage system, as well as revising the waterbodies, estuarine system and dredge spoil disposal sites to reflect the most current data. Attachment 1 depicts the current Beaches and Shores map, which was previously updated and adopted by the Broward County Commission on September 14, 2010, to include “The Wedge” annexation. Attachment 2 depicts the current Primary Drainage System map, as adopted in 1977. Attachment 3 depicts the proposed Beaches and Shores map.

Planning Council staff distributed the proposed amendment via email to all municipal mayors, managers and planners on August 15, 2019. No comments have been received as of this writing.

SECTION III
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PLANNING ANALYSIS

The amendment includes revised dredge spoil disposal sites consistent with the relocated Port Everglades Inlet Site and the new Port Everglades Ocean Dredge Material Disposal Site (ODMDS). The map maintains the five (5) Florida Inland Navigation District sites. Dredge spoil disposal sites are required to be mapped pursuant to Chapter 163.3178, Florida Statutes, which states that “each port and each local government in the coastal area which has spoil disposal responsibilities shall provide for or identify disposal sites for dredged materials in the future land use and port elements of the local comprehensive plan as needed to assure proper long-term management of material dredged from navigation channels, sufficient long-range disposal capacity, environmental sensitivity and compatibility and reasonable cost and transportation.”

In addition, the updated map will reflect the County’s primary drainage system, which is operated and maintained by the South Florida Water Management District (SFWMD) and is the regional water management system which functions to protect residents and businesses from floods and droughts. This primary system of canals and natural waterways connects to community drainage districts in order to effectively manage floodwaters during heavy rain events. In 2018, the SFWMD updated the Arc Hydro Enhanced Database (AHED) to provide a geographically comprehensive database of hydrographic and hydrologic features, which includes the AHED Canals and Streams. The system depicted on the proposed map is consistent with this database. See Attachment 3.

The primary drainage system is an essential tool when calculating density. The BrowardNext – Broward County Land Use Plan Residential Permitted Uses section defines density calculations as follows:

[...]

Density Calculation

[...]

Calculations of acreage covered by different land use categories on the Future Broward County Land Use Plan Map (Series) will necessarily be approximate, due to the scale of the map. Where edges of land use categories are close to property lines, streets, transmission lines or other existing lines, edges should be construed to follow those lines. A lake or canal should be construed as having been assigned the same land use category as that assigned to adjacent unsubmerged land. The Intracoastal Waterway, North and South Lakes in Hollywood, Sylvan Lake, Lake Santa Barbara, New River, Middle River, and the rivers and canals of the primary drainage system as identified within this plan shall not, however, be construed as having credit toward residential density.

PLANNING ANALYSIS (continued)

Currently, the Broward County Planning Council staff utilizes an excerpt from the 1977 Broward County Land Use Plan, Figure 26, Primary Drainage System, Source: South Florida Water Management District, to determine whether a river or canal is part of the primary drainage system. See Attachment 2. A recent inquiry brought to Planning Council staff's attention that the SFWMD has updated its data, including "The Wedge" and western extent of the urban area and no longer identifies a particular waterway as a primary drainage system.

Further, the County's estuarine system has been updated and enhanced to reflect current definitions and terminology consistent with State and County criteria. The proposed estuarine system will include all "semi-enclosed, naturally existing coastal water bodies in which saltwater is naturally diluted by freshwater and which has an open connection with oceanic waters." The estuarine system is located east of the County's seven (7) salinity control structures, which are now depicted on the map. See Attachment 3.

Planning Council staff finds that the proposed amendment is generally consistent with the policies of the Broward County Land Use Plan and recommends approval of the updated Beaches and Shores map.

SECTION IV
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ATTACHMENTS

1. Current Broward County Beaches and Shores, Including Estuarine Systems, Rivers, Bays, Lakes, Harbors and Dredge Spoil Disposal Sites Map
2. Current Primary Drainage System Map
3. Proposed Broward County Beaches and Shores, Including Estuarine Systems, Rivers, Bays, Lakes, Harbors, Dredge Spoil Disposal Sites and Primary Drainage Map

(The attached maps are for illustrative purposes and to conserve resources. Digital copies of the maps are available online as part of the Planning Council's agenda materials.)

BROWARD COUNTY LAND USE PLAN

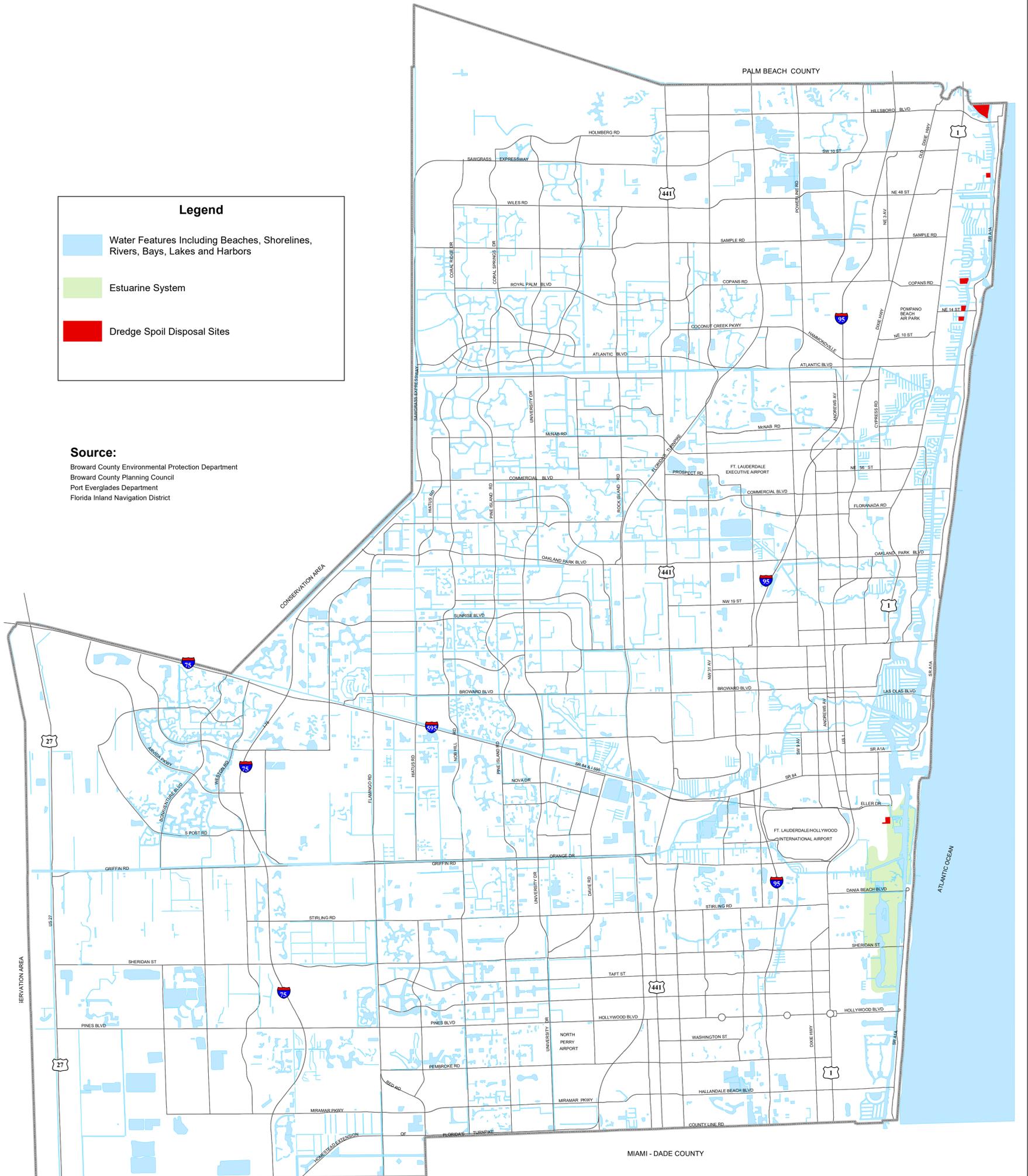
Natural Resource Map Series- Eastern Broward County:
Beaches and Shores, Including Estuarine Systems, Rivers,
Bays, Lakes, Harbors and Dredge Spoil Disposal Sites

Legend

-  Water Features Including Beaches, Shorelines, Rivers, Bays, Lakes and Harbors
-  Estuarine System
-  Dredge Spoil Disposal Sites

Source:

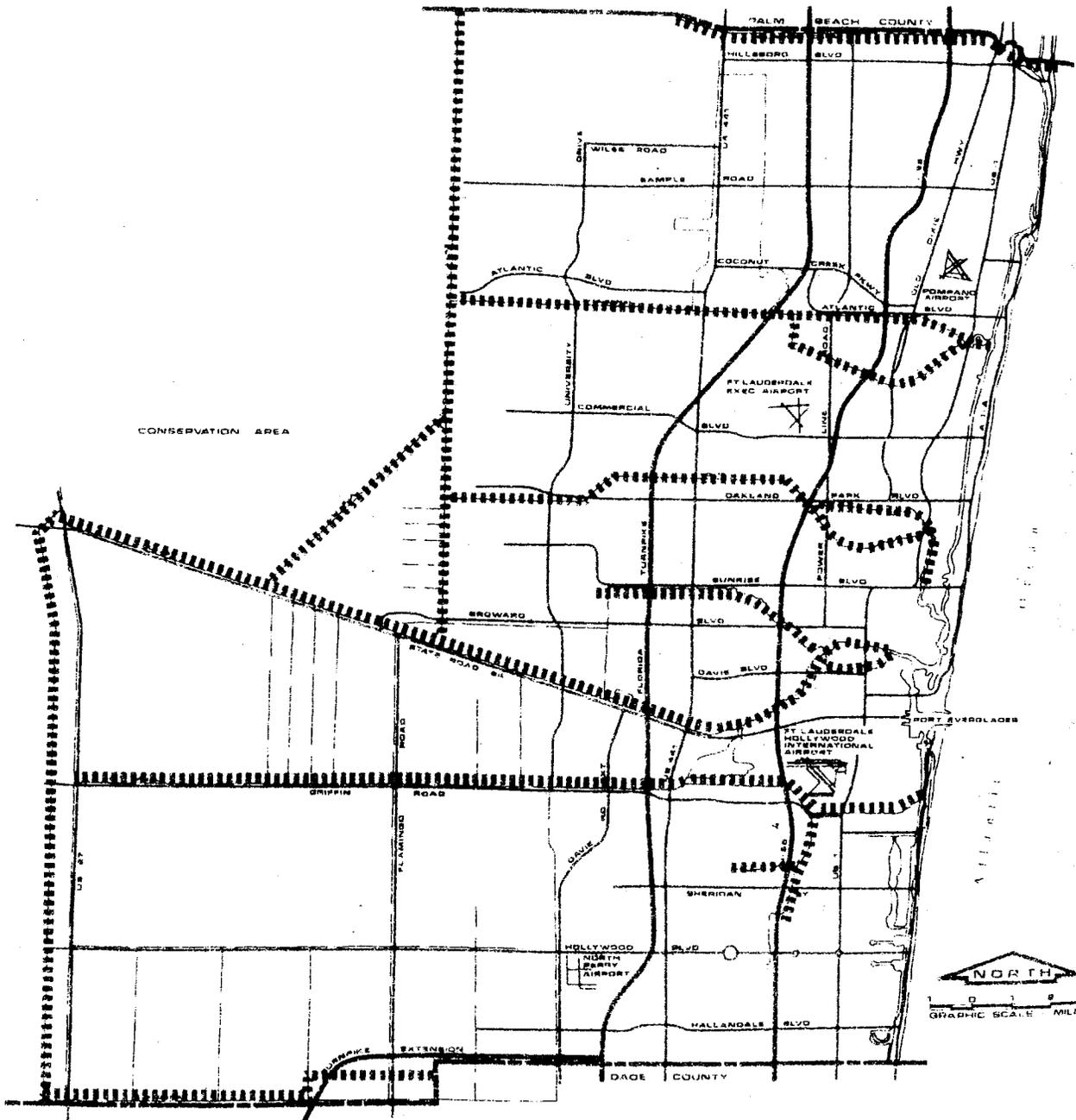
Broward County Environmental Protection Department
Broward County Planning Council
Port Everglades Department
Florida Inland Navigation District



NOT TO SCALE

This is a generalized map. This map should not be used to determine parcel boundaries or limits of depicted items. Please contact the Broward County Planning Council office regarding questions pertaining to parcel boundaries or limits.

ATTACHMENT 2 PRIMARY DRAINAGE SYSTEM



SOURCE : SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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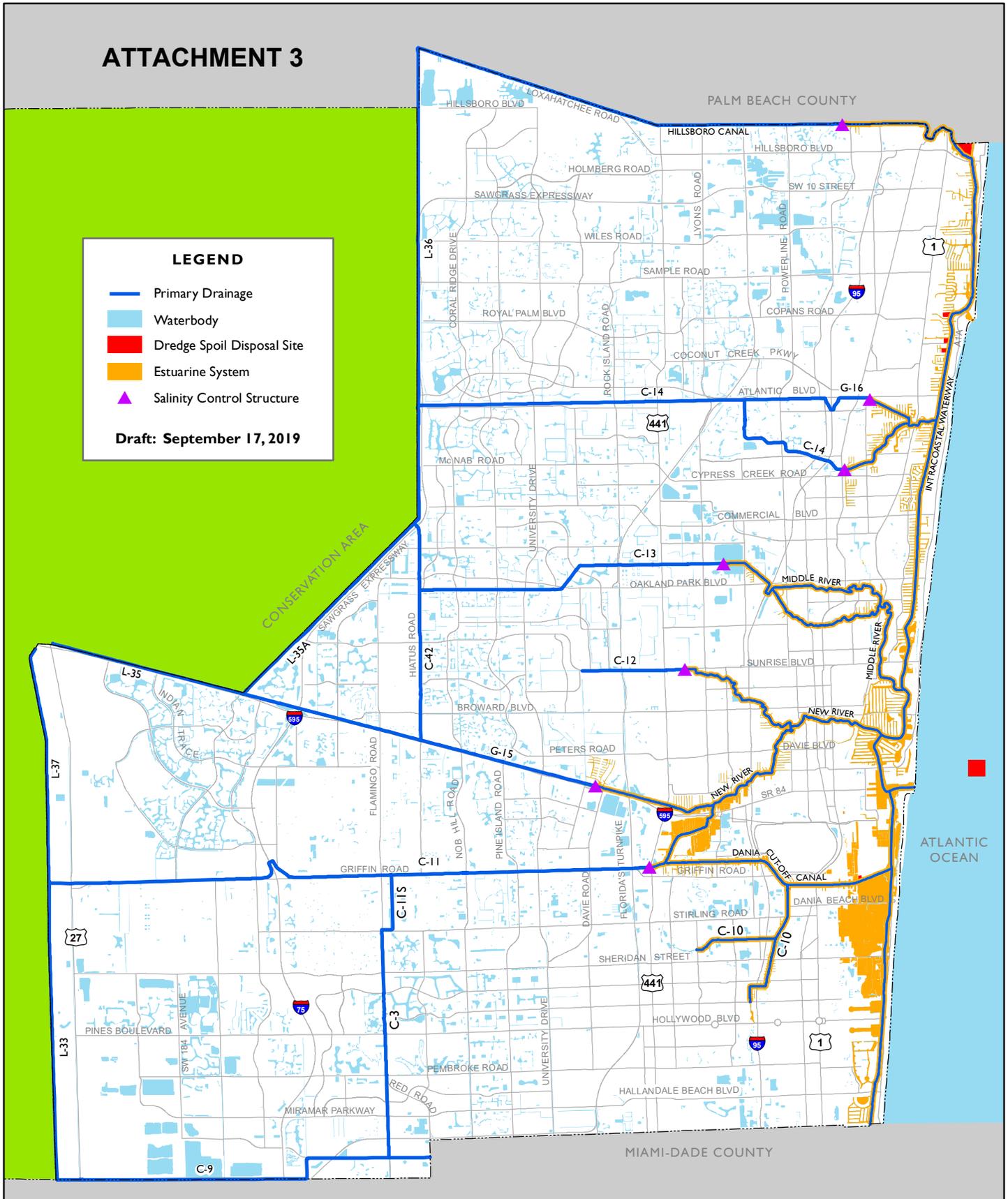
BROWARD COUNTY LAND USE PLAN NATURAL RESOURCE MAP SERIES

ATTACHMENT 3

LEGEND

-  Primary Drainage
-  Waterbody
-  Dredge Spoil Disposal Site
-  Estuarine System
-  Salinity Control Structure

Draft: September 17, 2019



SOURCES

Broward County Environmental Protection and Growth Management Department, South Florida Water Management District, Port Everglades and Florida Inland Navigation District

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