



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2022/2023
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor **City of Delray Beach**

Federal ID Number (FEID) **59-6000308**

Primary Contact Name **Cynthia Buisson, P.E** Title **Assistant Director of Public Works**

Mailing Address Line 1 **434 South Swinton Ave**

Mailing Address Line 2

City **Delray Beach** Zip Code **33444** Telephone Number **561-243-7196**

Email Address FuentesC@mydelraybeach.com

Additional Contact Information

PART II: CERTIFICATION

I hereby certify that all information provided with this application is true and complete to the best of my knowledge.

Signature of Local Sponsor



Electronic or scanned signatures accepted.

Printed Name

Cynthia Buisson, P.E.

Date

7/27/21



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PART III: EVALUATION CRITERIA

1. Project Name: (as listed in the Strategic Beach Management Plan)

Delray Beach Shore Protection Project (Delray Beach Nourishment)

2. Project Description: Include county, location with reference to DEP range monuments, brief project history, and description of proposed activities.

The Delray Beach Nourishment project includes 2.7 miles of shoreline from R-175+300 to R-188A in Palm Beach County, FL. The federal project was initially constructed in 1973, with renourishments in 1978, 1984, 1992, 2002, 2005 (post-storm), 2013, 2014 (post-storm), and 2020 (post-storm).

Based on the results of on going physical monitoring, the 6th Periodic Beach Renourishment originally planned for winter 2021-2022 is postponed. The proposed activities include post-construction monitoring and project performance will continue to be monitored to determine timing for the next nourishment event.

3. Use of Requested Program Funds: Provide a brief description of tasks to be completed in each requested phase (Feasibility, Design, Construction, Monitoring, or USACE Multiphase). Indicate which tasks are cost reimbursement from previous fiscal years.

Post-construction monitoring funds are requested.

4. Map: Provide as an attachment. The map(s) of the project area must be formatted at a minimum of 1" = 200' scale and include a compass rose and legend.

The required maps are included with this application.

Only monitoring funds are requested. Per the FDEP the Value of Upland Property analysis is not required.

5. Project length: Total restored project length (in feet) of the critically eroded area (as listed in the Strategic Beach Management Plan).

Page 34 of the FDEP Strategic Beach Management Plan – Southeast Atlantic Coast Region has identified the Delray Beach Shore Protection Project from R-175 to R-188A which equates to 2.9 miles (15,312 feet) of critically eroded beach.



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6. Eligibility: Required for all beach projects pursuant to Chapter 62B-36.007, F.A.C. Provide as a separate attachment, if needed.

Location/Name	R-Monument	Type of Access	Width of Access/Frontage (feet)	Total Public Units or Parking Spaces	Additional Width from Eligibility Unit (feet)	Eligible Shoreline (feet)	Website Link for DBPR License
Municipal Beach – Beach Drive south to Casuarina Rd.	R-177 to R-182	Primary	5,502	542	28,618 (5,047 no overlap)	10,549	N/A
Atlantic Dunes Park – 1605 S. Ocean Park	R-187	Primary	505	119	6,283 (3,135 no overlap)	3,640	N/A

7. Schedule and Budget:

Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share (56.33%)	State Cost Share	Local Cost Share
2022/2023	Monitoring	2 Yr Sea Turtle monitoring	\$108,000	\$0	\$54,100	\$54,100
	Monitoring	2 Yr Beach Tilling	\$6,800	\$0	\$3,400	\$3,400
2023/2024	Monitoring	2 yr post-con monitoring survey & report	\$74,200	\$0	\$37,100	\$37,100
	Monitoring	3 Yr Sea Turtle Monitoring	\$111,400	\$0	\$55,700	\$55,700
	Monitoring	3 Yr Beach Tilling	\$7,200	\$0	\$3,600	\$3,600
2024/2025	Monitoring	3 yr post-con monitoring survey & report	\$76,400	\$0	\$38,200	\$38,200
2025/2026						
2026/2027	Monitoring	5 yr post-con monitoring survey & report	\$81,200	\$0	\$40,600	\$40,600

Items 8-17 are not required as only monitoring funds are required for FY 22/23.

18. Readiness to Construct: Has the necessary local funding been secured for the proposed project? If so, provide a copy of the draft Resolution. The signed Resolution is due by September 21, 2021.

The project resolution is submitted with this application.

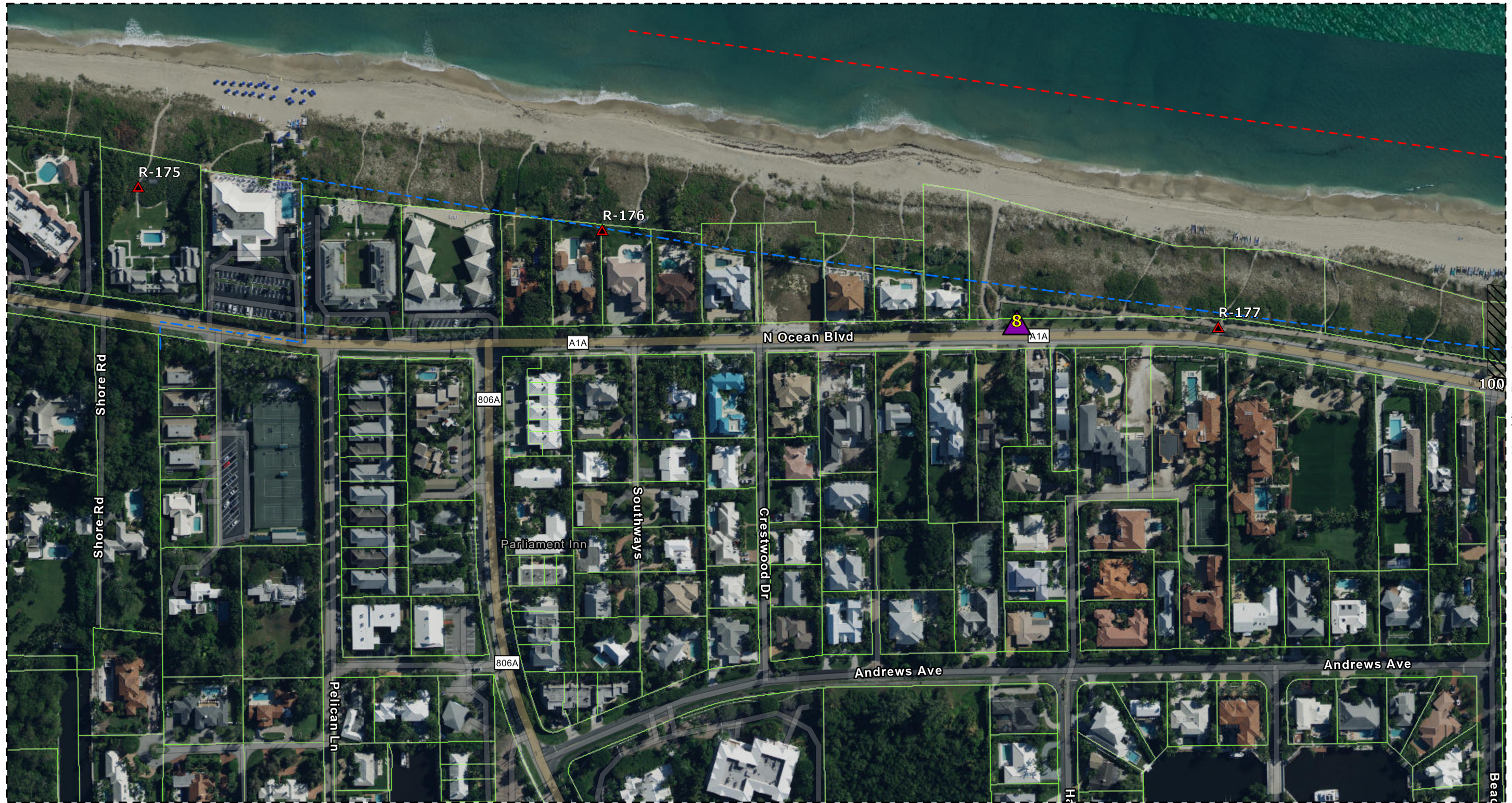


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**Delray Beach Shore Protection Project (Delray Beach Nourishment)
Project Maps**

Matchline

Matchline Figure 2

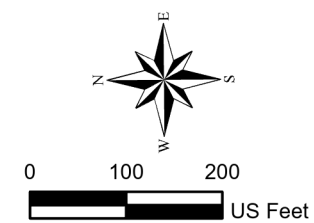


Notes:

1. Background is ERSI's Imagery basemap, from Maxar, dated September 28, 2020.

Legend:

- | | | |
|------------------|------------------------|---|
| Public Restrooms | Metered Public Parking | Parcels |
| Bike Racks | Public Beach | ECL |
| Trolley Stop | Public Lodging | FDEP Coastal Critical Erosion Area (2021) |
| | Commercial Zoning | FDEP Monument |



Title:

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Delray Beach
Palm Beach County, Florida



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Date: 07/12/21

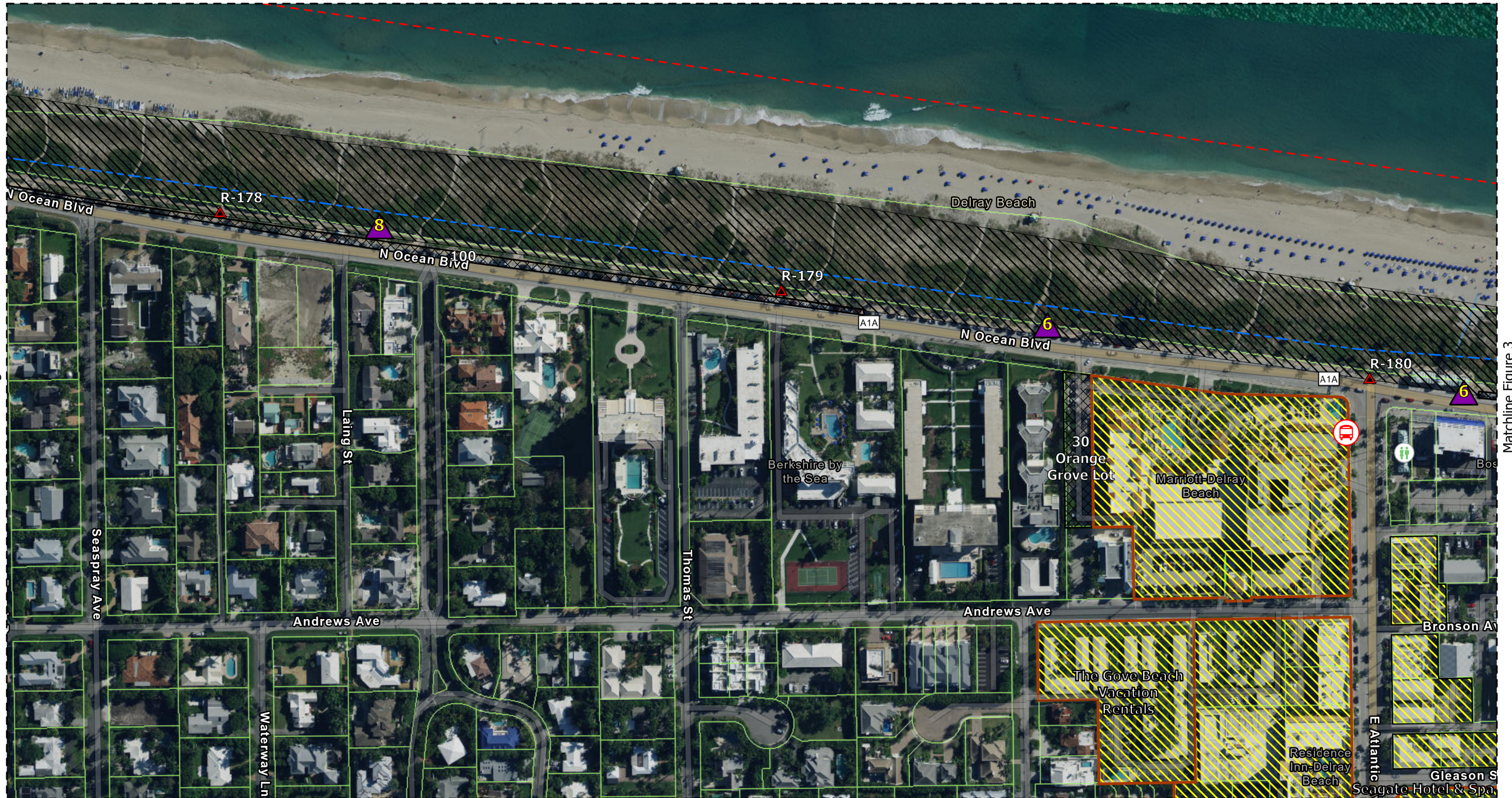
Drawn By: HMV

Commission No.:
631020089

Figure 1

Matchline Figure 1

Matchline Figure 3



Notes:

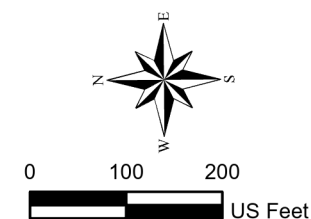
1. Background is ERSI's Imagery basemap, from Maxar, dated September 28, 2020.

Legend:

-  Public Restrooms
-  Bike Racks
-  Trolley Stop

-  Metered Public Parking
-  Public Beach
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-  Commercial Zoning

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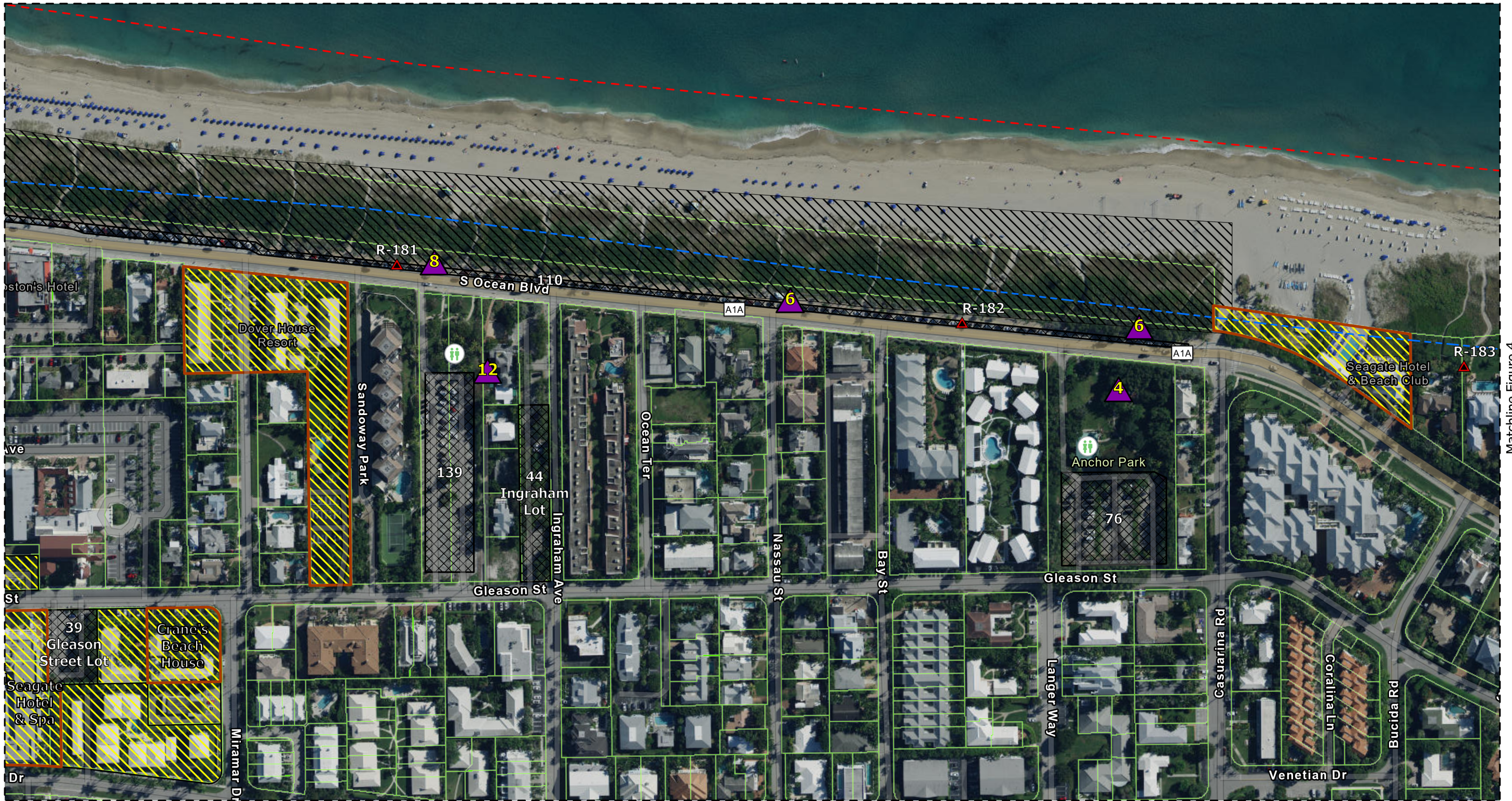
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Figure 2

Matchline Figure 2

Matchline Figure 4



Notes:

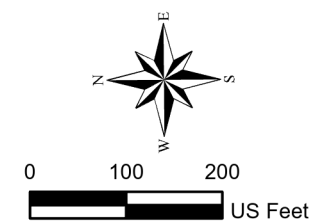
1. Background is ERSI's Imagery basemap, from Maxar, dated September 28, 2020.

Legend:

- Public Restrooms
- Bike Racks
- Trolley Stop

- Metered Public Parking
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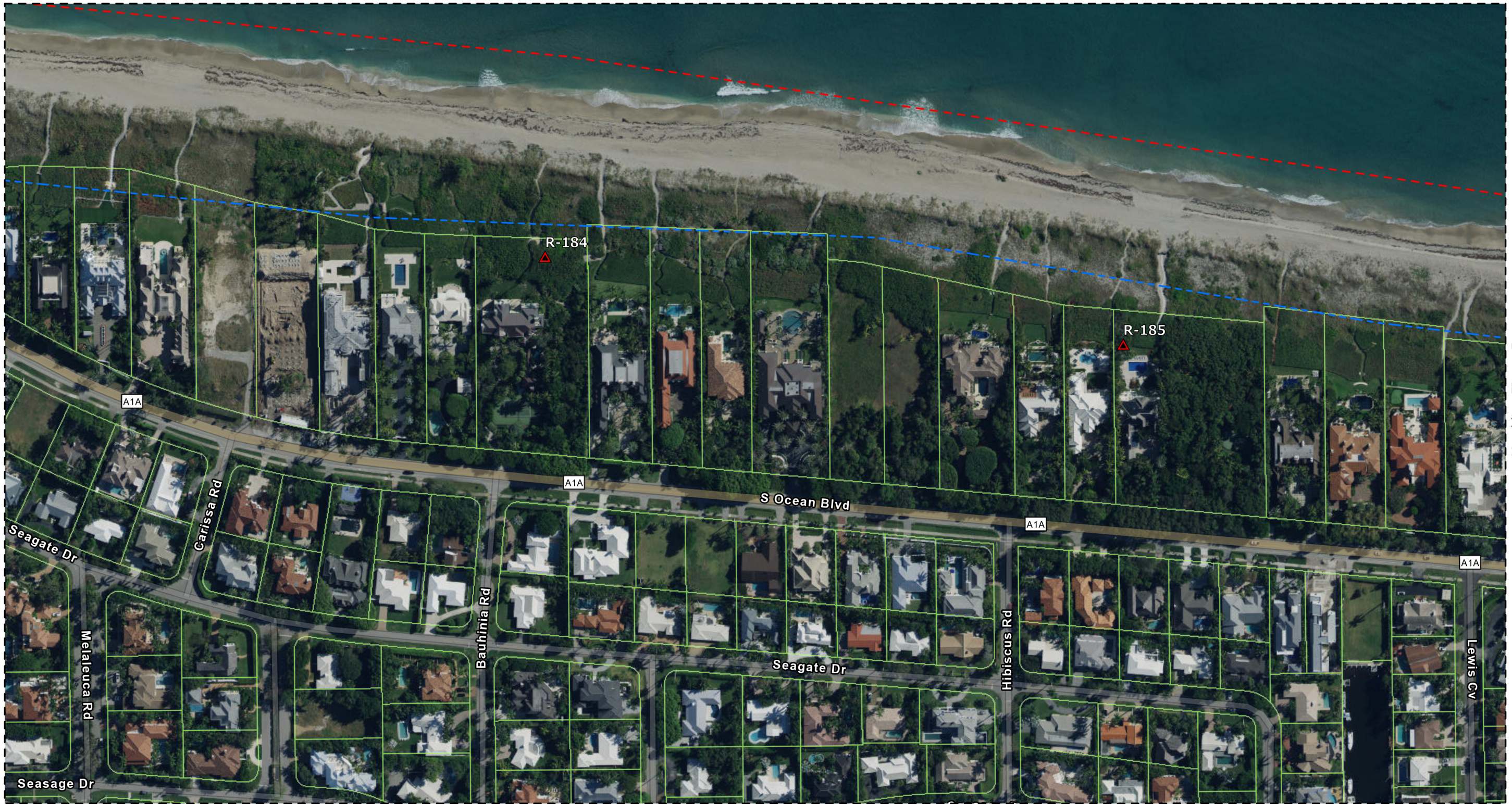
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Figure 3

Matchline Figure 3

Matchline Figure 5

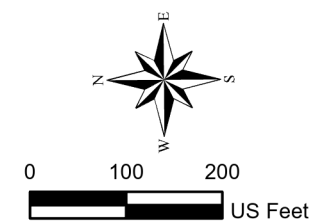


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Legend:

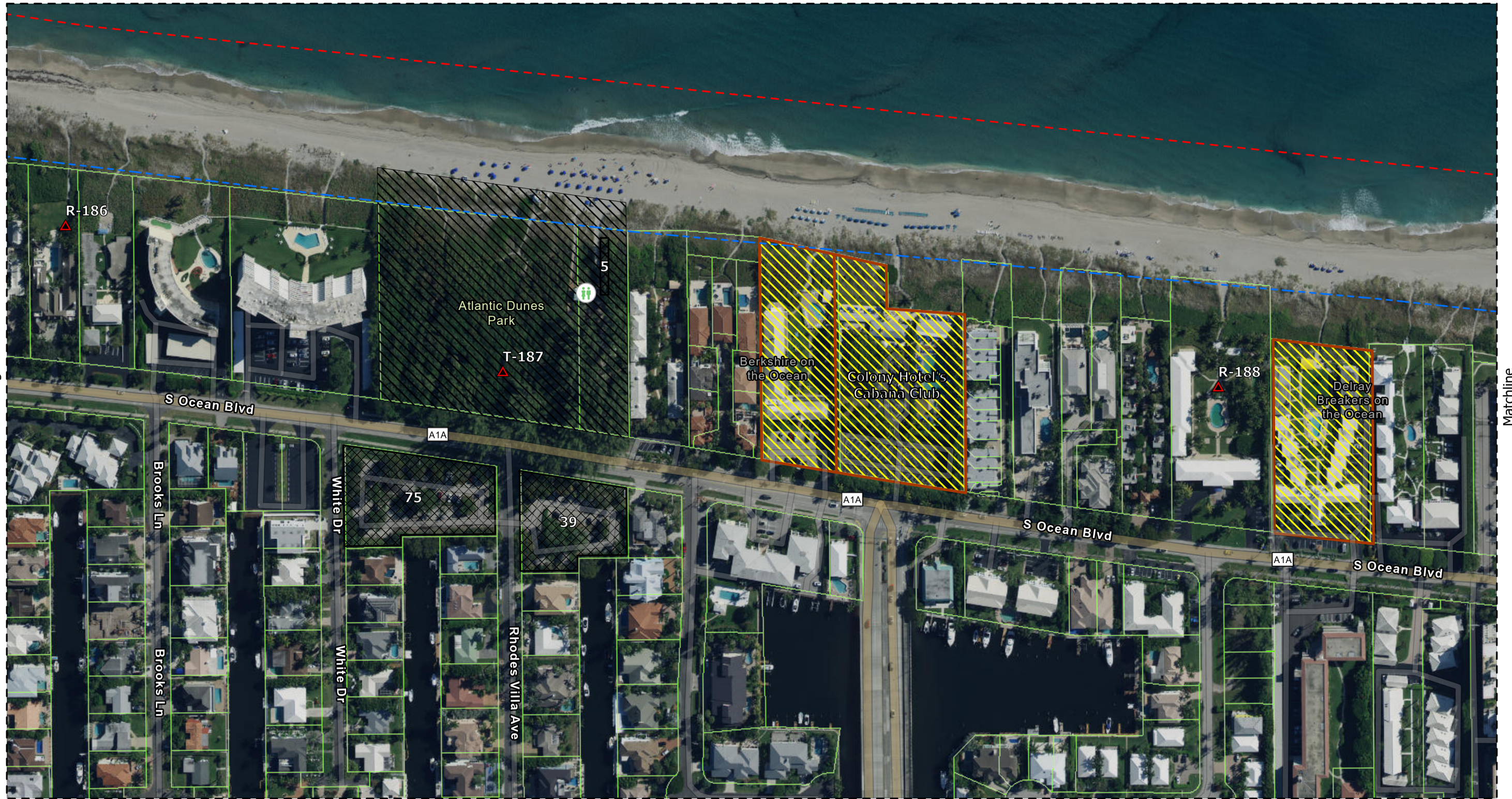
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Date: 07/12/21 Drawn By: HMV Commission No.: 631020089 **Figure 4**



Notes:

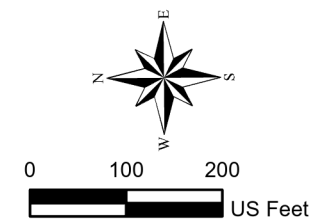
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Figure 5



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**Delray Beach Shore Protection Project (Delray Beach Nourishment)
Funding Resolution**

RESOLUTION NO. 106-21

A RESOLUTION OF THE CITY OF DELRAY BEACH PROVIDING ITS SUPPORT FOR THE BEACH AND COASTAL MANAGEMENT PROGRAMS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBJECT TO THE CITY'S REGULATORY AUTHORITY AND CODE OF ORDINANCES; ADVISING THE STATE THAT THE CITY WILL HAVE THE ABILITY TO PROVIDE THE LOCAL FUNDING SHARE NECESSARY TO IMPLEMENT THE STATE BEACH AND COASTAL MANAGEMENT PROGRAMS IN WHICH THE CITY ELECTS TO PARTICIPATE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Delray Beach (City) desires to support the beach and coastal management programs of the Florida Department of Environmental Protection (FDEP), subject to the City's regulatory authority and the Code of Ordinances; and

WHEREAS, the City desires to advise the State that the City will have the ability to provide the local funding share necessary to implement the state beach and coastal management programs in which the City elects to participate; and

WHEREAS, the City adopts, on a yearly basis, the Capital Improvement Program, which appropriates the funds necessary for the continued maintenance and construction of the beach nourishment projects; and

WHEREAS, the City wishes to forward the City's intent of long-term maintenance and funding of its beach and Coastal Management Programs to the State; and

WHEREAS, the City Commission deems approval of this Resolution to be in the best interest of the health, safety, and welfare of the residents and citizens of the City of Delray Beach and the public at large.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DELRAY BEACH, FLORIDA, AS FOLLOWS:

Section 1. The foregoing recitals are hereby affirmed and ratified.

Section 2. The City of Delray Beach hereby supports the beach and coastal management programs of the FDEP, subject to the City's regulatory authority and the Code of Ordinances.

Section 3. The City of Delray Beach hereby provides its support for the City's renourishment project and affirms its ability to provide the necessary local match necessary to implement any FDEP beach and coastal management program in which the City elects to participate.

Section 4. This resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED in regular session on the 6th day of July, 2021.

ATTEST:

Katerri Johnson
Katerri Johnson, City Clerk

Shelly Petrolia
Shelly Petrolia, Mayor

Approved as to form and legal sufficiency:

Lynn Gein
Lynn Gein, City Attorney