



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2023/2024
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor

Federal ID Number (FEID)

Primary Contact Name Title

Mailing Address Line 1

Mailing Address Line 2

City Zip Code Telephone Number

Email Address

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 Date



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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).

With the federal storm repair constructed in 2020, the 6th Periodic Beach Renourishment originally planned for winter 2021-2022 was postponed. The proposed activities include post construction monitoring and project performance will continue to be monitored to determine timing for the next nourishment event.



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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.

The City requests confirmation that the requested FY23/24 monitoring funds are included in the most recent agreement.
3 Yr post-con monitoring survey & report - Total Estimated Cost: \$74,300 Federal: \$0 State: \$37,150 Local: \$37,150

The City is requesting the following for FY23/24
3 Yr Sea Turtle Monitoring
3 Yr Beach Tilling

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.

Map elements must include:

1. **Project boundary:** DEP reference monuments and shoreline designated as critically eroded
2. **Eligibility:** Indicate lengths of eligible shoreline based on criteria outlined in Chapter 62B-36.007, F.A.C.
 - a. **Beach access locations:** indicate primary or secondary access, and include the shoreline length, number and location of auto parking spaces, mass transit stops, bike parking spaces, and public restroom facilities within 1/4 mile walking distance of each access
 - b. **Public lodging establishments:** include the length fronting the project shoreline, and include the length of street-side frontage for lodging within 1/4 mile walking distance of a secondary beach access location
3. **Recreational benefits:** Comprehensive list of current land use designations of properties fronting the project shoreline
4. **Value of upland property:** Include one-quarter mile buffer and provide a comprehensive list of the values of properties (data from year 2021) that are enclosed or intersected by the buffer. The 2021 property value tax roll data and ArcGIS shapefiles can be obtained from the Department of Revenue website: https://floridarevenue.com/property/Pages/DataPortal_RequestAssessmentRollGISData.aspx. See Guidance Document for more information.

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

15,312 feet



- **Location/Access Name:** Use the official name of the park or road that is associated with the public access.
- **DEP Reference Monument:** Use the DEP monument that is closest to the main public access location.
- **Type of Access:** Indicate Primary or Secondary beach access in accordance with the definitions in Chapter 62B-36, F.A.C.
- **Width of Access/Frontage:** The length of the legal boundary (in feet) of the public access or lodging along the beach project shoreline. For public lodging establishments that do not front the beach, indicate the street-side length of the legal property boundary (in feet) that is used as the main access to the establishment.
- **Number of Eligible Units:** A unit is defined as one automobile parking space, one rental unit in a public lodging establishment, one mass transit stop, or four bicycle parking spots.
- **Additional Width from Eligible Units:** Total distance (feet) added to the Width of Access/Frontage. If there are multiple types of eligibility units used for this calculation, show the calculation separately for each.
- **Total Eligible Shoreline:** Sum of the Width of Access/Frontage and Additional Width from Eligible Units columns. Eligible shorelines cannot overlap.
- **Website Link for DBPR License:** Provide the link to the Department of Business and Professional Regulation (DBPR) website for proof of licensure for any public lodging establishments used for eligibility or the Recreational Benefits ranking criteria.

[illegible]



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- 7. Schedule and Budget:** Provide as a separate attachment, if needed. Clearly indicate project phase: Feasibility (F), Design (D), Construction (C), Monitoring (M), or USACE Multiphase (USACE). Include the year of post-construction monitoring in the description.
- **Cost Reimbursement:** Specify eligible costs incurred during the three years prior to the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed (this includes fiscal years 20/21, 21/22, and 22/23). Eligible costs will be added to the current funding request.
 - **Current and Future Costs:** Specify eligible costs for the current application's fiscal year that are not in a current DEP agreement and have not been reimbursed as well as the estimated costs for the next 4 years. Note: If Construction costs are requested in the current fiscal year, then the Year 1 Post-Construction Monitoring costs will be added to the current funding request.

Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
20/21						
20/21						
20/21						
21/22						
21/22						
21/22						
22/23						
22/23						
22/23						
23/24	Monitoring	3-year Sea Turtle Monitoring	0	55,700	55,700	111,400
23/24						
23/24	Monitoring	3-year Beach Tilling	0	3,600	3,600	7,200
24/25						
24/25						
24/25						



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
25/26	Monitoring	5-year Post-Con Monitoring Survey & Report	0	27,500	27,500	55,000
25/26						
25/26						
26/27						
26/27						
26/27						
27/28	Monitoring	7-year post-con monitoring survey & report	0	28,325	28,325	56,650
27/28	Design	Preliminary Engineering & Permitting	0	175,000	175,000	350,000
27/28						

8. Tourism-related impacts: Criteria is calculated by the Department using 2021 data. For reference, tax data can be obtained from the Department of Revenue website: [https://floridarevenue.com/taxes/pages/colls from 7 2003.aspx](https://floridarevenue.com/taxes/pages/colls_from_7_2003.aspx). See Guidance Document for more information.

☐ Current funding request includes construction and year one post-construction monitoring

☐ Project is managed by two or more counties

Additional comments Since only monitoring funds are requested, only items 1-7 are included with this application.

9. Federal involvement: The documentation to verify authorization, federal cost share percentage, and status of funding award must be provided with the application materials for the award of points.

Is the project Federally authorized by the USACE?

☐

Authorization Year:

Expiration Year:

Does this project have a signed USACE Chief's report or Civil Works Congressional authorization for the requested phase?

☐

USACE federal cost share percentage for this project (excluding FCCE):



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Select all that apply for the requested project phase(s) and include documentation with application materials.

- ☐ Executed USACE project agreement
- ☐ Included in USACE work plan
- ☐ Approved FEMA Project Worksheet
- ☐ Included in Congressional Appropriations Act
- ☐ Other documentation:

10. Storm damage reduction benefits: Criteria is calculated by the Department.

What is the volume (cy) of advanced nourishment lost since the last sand placement event of a beach restoration or nourishment project as measured above the Mean High Water contour? Data should be consistent with the annual post-construction monitoring reports.

For restoration projects, what is the historical erosion rate?

11. Cost effectiveness: Criteria is calculated by the Department. A project design analysis and supporting documentation must be provided with the application materials for the award of points. See Guidance Document for more information.

What is the proposed sand placement volume (cy)?

What is the nourishment interval (years)?

Select all that apply for the current project funding request:

- ☐ Enhanced longevity: Propose structural or design components that could extend the beach nourishment interval
- ☐ Dune addition: Incorporate new or enhanced dune structures or new or existing dune restoration and revegetation projects
- ☐ Innovative technology: Propose innovative technologies designed to reduce project costs
- ☐ Regionalization: Two or more local sponsors manage projects together or projects propose regional sediment management strategies to conserve sand resources or reduce project costs

Additional comments
for storm damage
reduction benefits and
cost effectiveness



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12. Previous state commitment

Has the Department previously reviewed, approved, and cost-shared on a feasibility or design phase for this project? ☐

Has the current proposed project phase(s) received a partial state appropriation within 3 years of phase completion? ☐

Additional comments

13. Accessible beach area: Criteria is calculated by the Department. Provide additional information for consideration.

Describe the landward and seaward edge of the accessible beach width

Provide the project boundaries (R-monuments)

Provide citations of reference sources

14. Recreational benefits: Provide the percentage of linear footage within the project boundaries which is zoned recreational or open space; for commercial use; or to allow for public lodging establishment, or the equivalent. Provide additional documentation and DBPR website link in a separate attachment, if needed.

15. Mitigation of inlet effects: Criteria is calculated by the Department.

Additional comments

16. Successive unfunded requests

Is the current proposed project phase(s) a successive, unfunded request? If so, how many years of successive request(s) is the current application?

Does the successive request add the construction phase?



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17. Environmental habitat enhancement: Criteria is calculated by the Department. See Guidance Document for more information.

Is the project within a designated critical habitat area for threatened or endangered species that is subject to extensive shoreline armoring?

Is the project within a non-designated area where extensive shoreline armoring threatens the habitat of threatened or endangered species?

If yes to either of the above, does the project exceed best management practices to incorporate turtle-friendly designs and management strategies to protect resources or benefit critical habitat preservation?

Provide an explanation and supporting documentation for the strategies which exceed best management practices

18. Readiness to construct

Does the project have an active state permit?

Does the project have an active federal permit?

Permit number

Permit number

Authorization date

Authorization date

Expiration date

Expiration date

Have all necessary easements been acquired for the upcoming or proposed construction phase?

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 October 5, 2022.

Is an Erosion Control Line established along the project length?

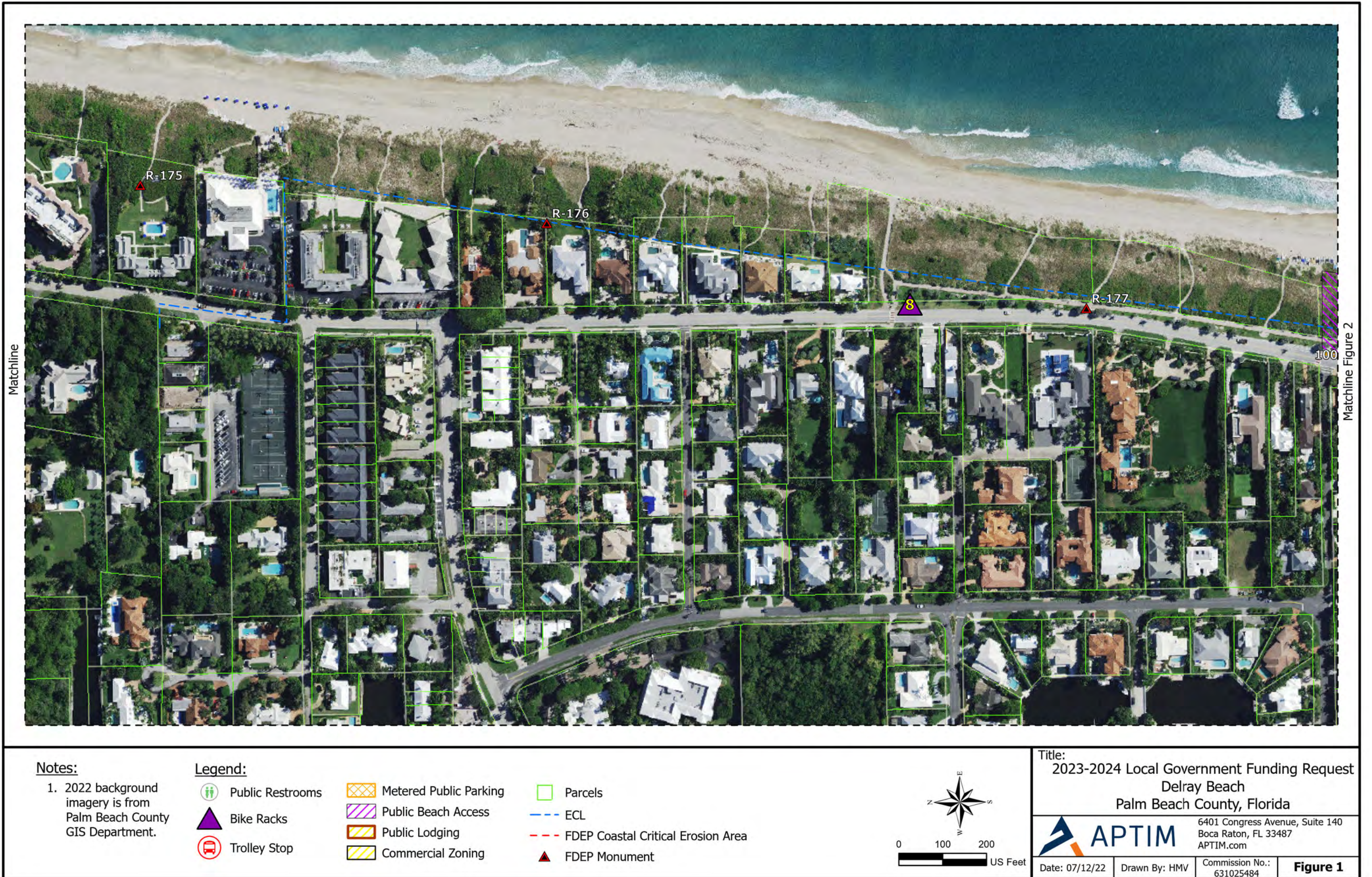
Additional comments for readiness to construct



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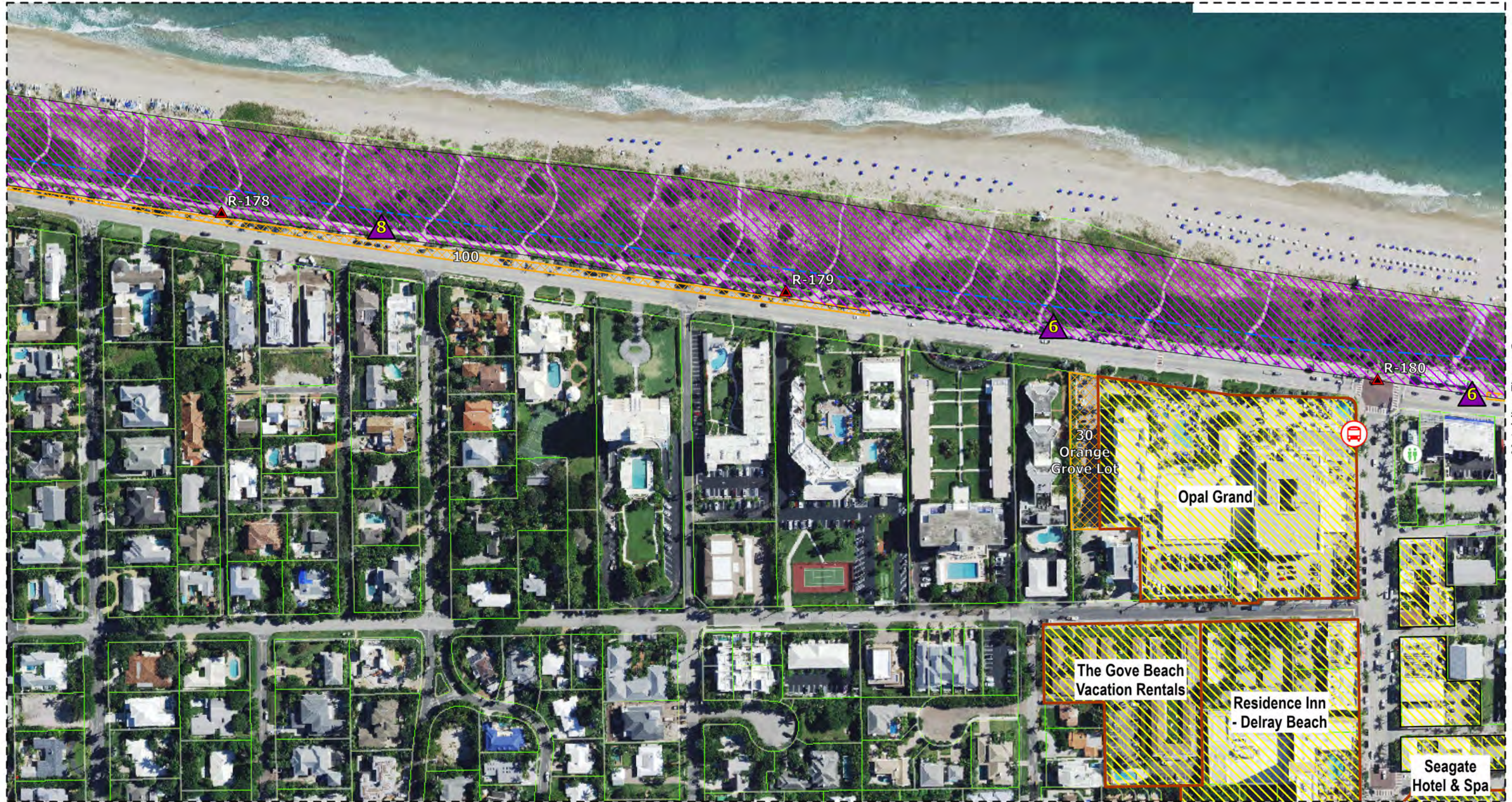
Provide additional information and comments below or attach supporting documents.

8-18 it is not completed as only monitoring funds are being requested.
Please contact us if additional information is needed to complete this request.



Matchline Figure 1

Matchline Figure 3

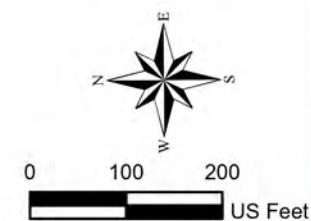


Notes:

1. 2022 background imagery is from Palm Beach County GIS Department.

Legend:

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



Title:
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Delray Beach
Palm Beach County, Florida

APTIM
6401 Congress Avenue, Suite 140
Boca Raton, FL 33487
APTIM.com

Date: 07/12/22 Drawn By: HMV Commission No.: 631025484 **Figure 2**

Matchline Figure 2

Matchline Figure 4

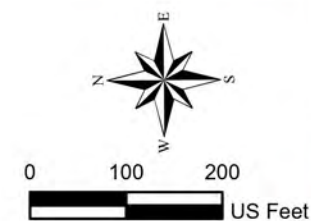


Notes:

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Legend:

- | | | |
|------------------|------------------------|------------------------------------|
| Public Restrooms | Metered Public Parking | Parcels |
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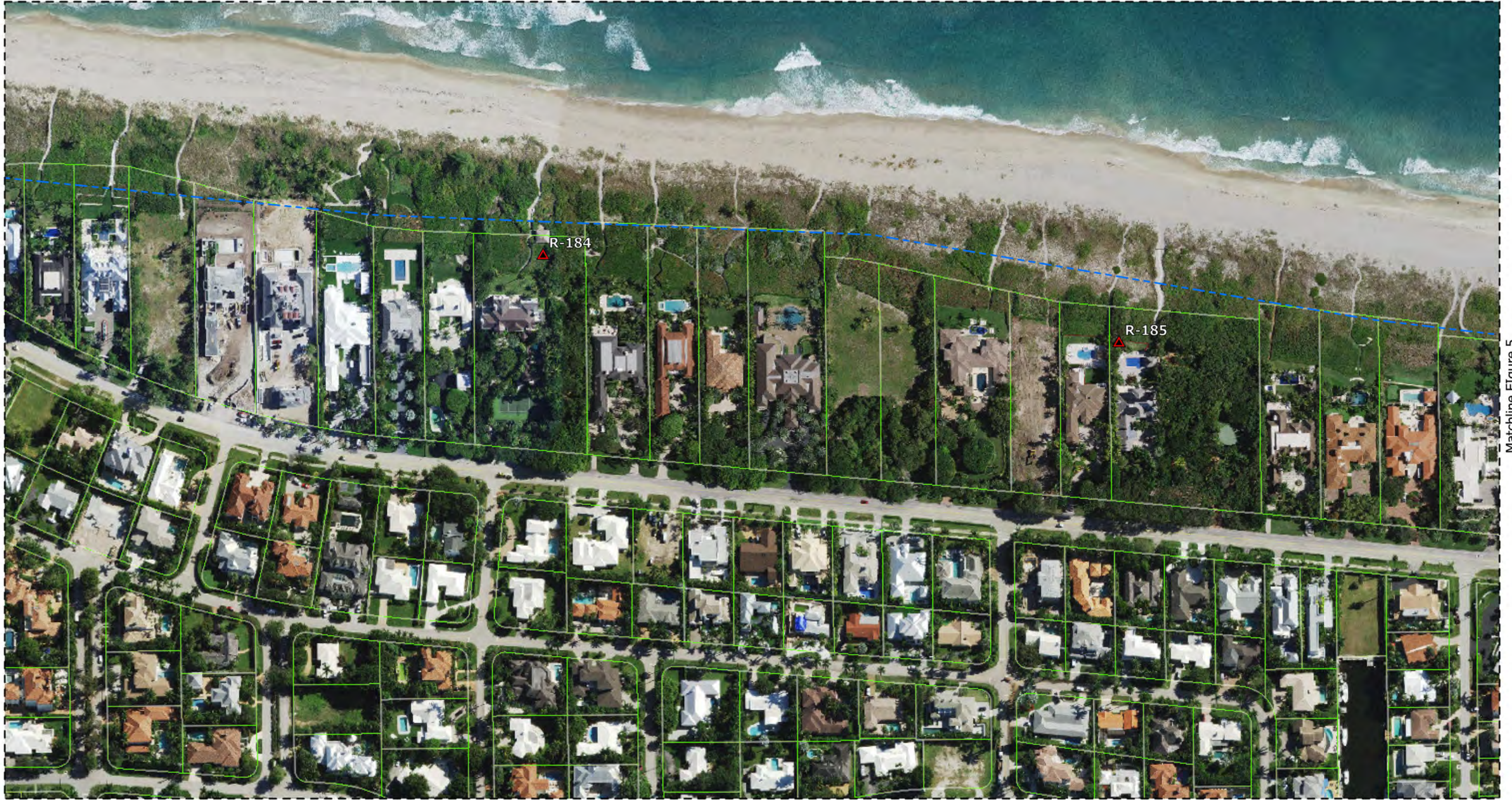


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APTIM 6401 Congress Avenue, Suite 140
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Date: 07/12/22 Drawn By: HMV Commission No.: 631025484 **Figure 3**

Matchline Figure 3



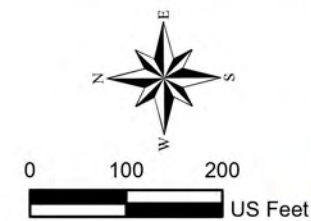
Matchline Figure 5

Notes:

- 2022 background imagery is from Palm Beach County GIS Department.

Legend:

- | | | |
|------------------|------------------------|------------------------------------|
| Public Restrooms | Metered Public Parking | Parcels |
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| | Commercial Zoning | FDEP Monument |



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Date: 07/12/22

Drawn By: HMV

Commission No.:
631025484

Figure 4

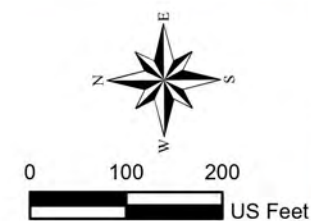


Notes:

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Legend:

- | | | |
|------------------|------------------------|------------------------------------|
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Date: 07/12/22 Drawn By: HMV Commission No.: 631025484 **Figure 5**

RESOLUTION NO. 96-22

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:

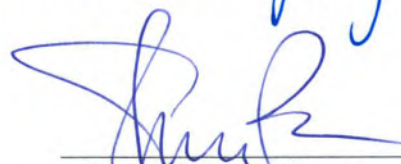
Section 1. The foregoing recitals are hereby affirmed and ratified.

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.

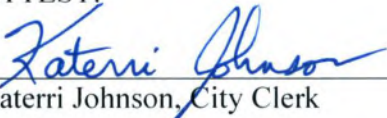
Section 4. This resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED in regular session on the 12th day of July, 2022



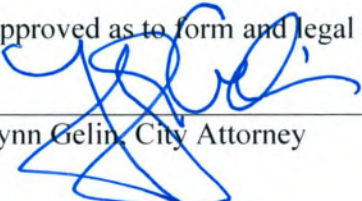
Shelly Petrolia, Mayor

ATTEST:



Katerri Johnson, City Clerk

Approved as to form and legal sufficiency:



Lynn Gelin, City Attorney