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MAILING ADDRESS
2300 VIRGINIA AVENUE
FORT PIERCE, FL 34982

PHONE
(772) 462-6766

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(772) 462-1428

WEBSITE
WWW.STLUCIECO.GOV

July 23, 2024

Via Electronic Mail

Eric Massa, Program Manager
Florida Department of Environmental Protection (FDEP)
Office of Resilience and Coast Protection
2600 Blair Stone Road, MS #3601
Tallahassee, FL 32399

**Subject: FY-25/26 Beach Management Funding Assistance
Local Government Funding Requests (LGFR)
St. Lucie County Erosion District (St. Lucie County)**

Dear Eric,

Attached please find St. Lucie County Erosion District's FY-25/26 LGFR application. Please note that the application has been submitted with the required attachments. Application has also been uploaded to the FDEP's ftp site.

<https://ftpportal.dep.state.fl.us/public/folder/sozk0fhr-UulPs9G1ztsRw/LGFR%20FY2526>

Should you have any further questions please contact me at (772) 462-1269 or by email at Revordjo@stlucieco.org.

Sincerely,


Joshua Revord
Director – Port, Inlet & Beaches

Jr/jb
encls – 2025/26 Fort Pierce Beach Shore Protection Project LGFR Application

cc: Douglas Cioffero, Finance Department Grants and Contract Accountant
Brandon Felder, Management & Budget Department Analyst
Brenda Olsen, Sr. Grants, Budget & Contracts Coordinator
James A Beams, Sr. Project Manager
Courtney Calderone, Government Relations Division Director



Beach Management Funding Assistance Program
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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

N/A

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

Joshua Revord

Date

7-23-2024



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PART III: EVALUATION CRITERIA

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

Ft. Pierce Shore Protection Project

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

The Ft. Pierce Shore Protection project is a federally authorized project and consists of the restoration and maintenance of 2.3 miles of Atlantic shoreline in Ft. Pierce, St. Lucie County (R-34 through R-46). Initial restoration of the project area began in 1971 with the construction (718,000 cubic yards) of a 1.3-mile segment of beach (R-34 through R-41) immediately south of the Ft. Pierce Inlet. Prior to the expiration of the federal project life (1985), a second restoration (346,000 cy) was completed in 1981. Later, Congress reauthorized (WRDA, 1996) the project life to the year 2020. Subsequently, WRDA 2018 provided for a six (6) year project life extension through November 2026. Since 1999, Sixteen (16) shoreline nourishments were undertaken that included placement of approximately 6.0 million c.y. of beach compatible material onto the down-drift beach (Fort Pierce Beach). Twelve (12) of these events (5.63 million c.y.) included sand from an offshore shoal, one (1) event with sand (164,000 cy) from inlet maintenance dredging, two (2) emergency truck haul event with sand (62,700 c.y. & 81,000 c.y.) from an upland sand source, and one (1) event with beach quality sand (74,326 cy) dredged from the Atlantic Intracoastal Waterway (2017 F.I.N.D. Project). St. Lucie County currently anticipates the next federal nourishments in winter 2024/spring 2025, consistent with the USACE nourishment interval of nourishment every other year.



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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.

New Funding Requests:

Monitoring: Annual post-construction physical and biological monitoring (2026 event, including tilling) that is required by permit(s).

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 2023) that are enclosed or intersected by the buffer. The 2023 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).

7,045 Linear 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 22/23, 23/24, and 24/25). 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
22/23	N/A					
22/23						
22/23						
23/24	N/A					
23/24						
23/24						
24/25	N/A					
24/25						
24/25						
25/26	Monitoring	2026/27 Physical/Biological Monitoring/Tilling	\$0	\$150,000.00	\$150,000.00	\$300,000.00
25/26						
25/26						
26/27	Monitoring	2027/28 Physical/Biological Monitoring/Tilling	\$0	\$175,000.00	\$175,000.00	\$350,000.00
26/27	Design	Design & Permitting Structures/Section 111 (LRR)	\$0	\$80,000.00	\$80,000.00	\$160,000.00
26/27	USACE Multi-Phase	2026/27 Federal Beach Nourishment	\$10,844,000.00	\$1,550,737.00	\$1,550,737.00	\$13,945,474.00



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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
27/28	Construction	Construction Admin. and USACE Design Assistance	\$0	\$60,000.00	\$60,000.00	\$120,000.00
27/28	Monitoring	2028/29 Physical/Biological Monitoring/Tilling	\$0	\$175,000.00	\$175,000.00	\$350,000.00
27/28						
28/29	Monitoring	2029/30 Physical/Biological Monitoring/Tilling	\$0	\$175,000.00	\$175,000.00	\$350,000.00
28/29	Construction	T-Groin Structures	\$7,288,000.00	\$4,356,000.00	\$4,356,000.00	\$16,000,000.00
28/29	USACE Multi-Phase	2028/29 Federal Beach Nourishment	\$10,886,400.00	\$1,556,800.00	\$1,556,800.00	\$14,000,000.00
29/30	Monitoring	2030/31 Physical/Biological Monitoring/Tilling	\$0	\$175,000.00	\$175,000.00	\$350,000.00
29/30						
29/30						

8. Tourism-related impacts: Criteria is calculated by the Department using 2023 data. For reference, tax data can be obtained from the Department of Revenue website: <https://floridarevenue.com/DataPortal/Pages/TaxResearch.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

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 September 23, 2024.

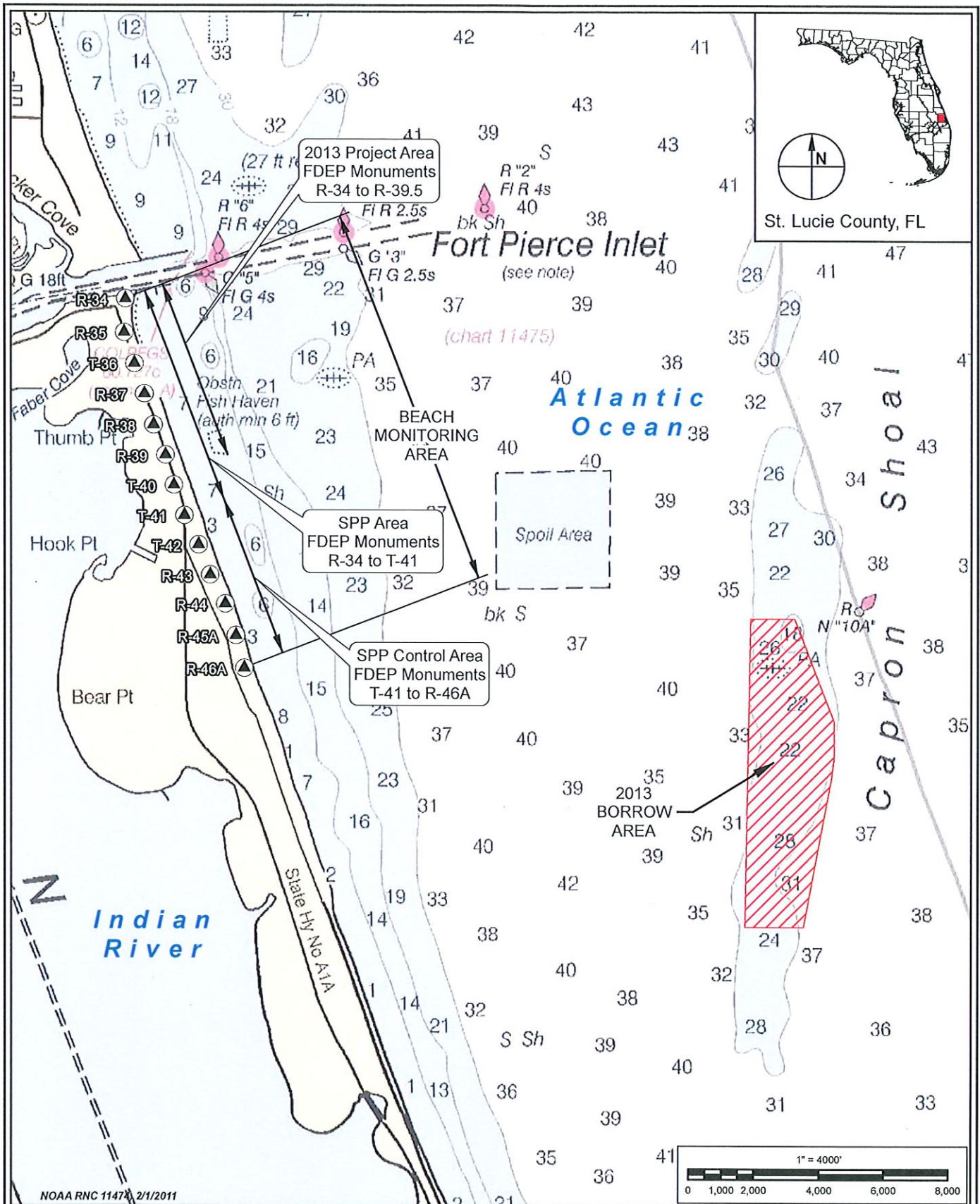
Is an Erosion Control Line established along the project length?

Additional comments for readiness to construct



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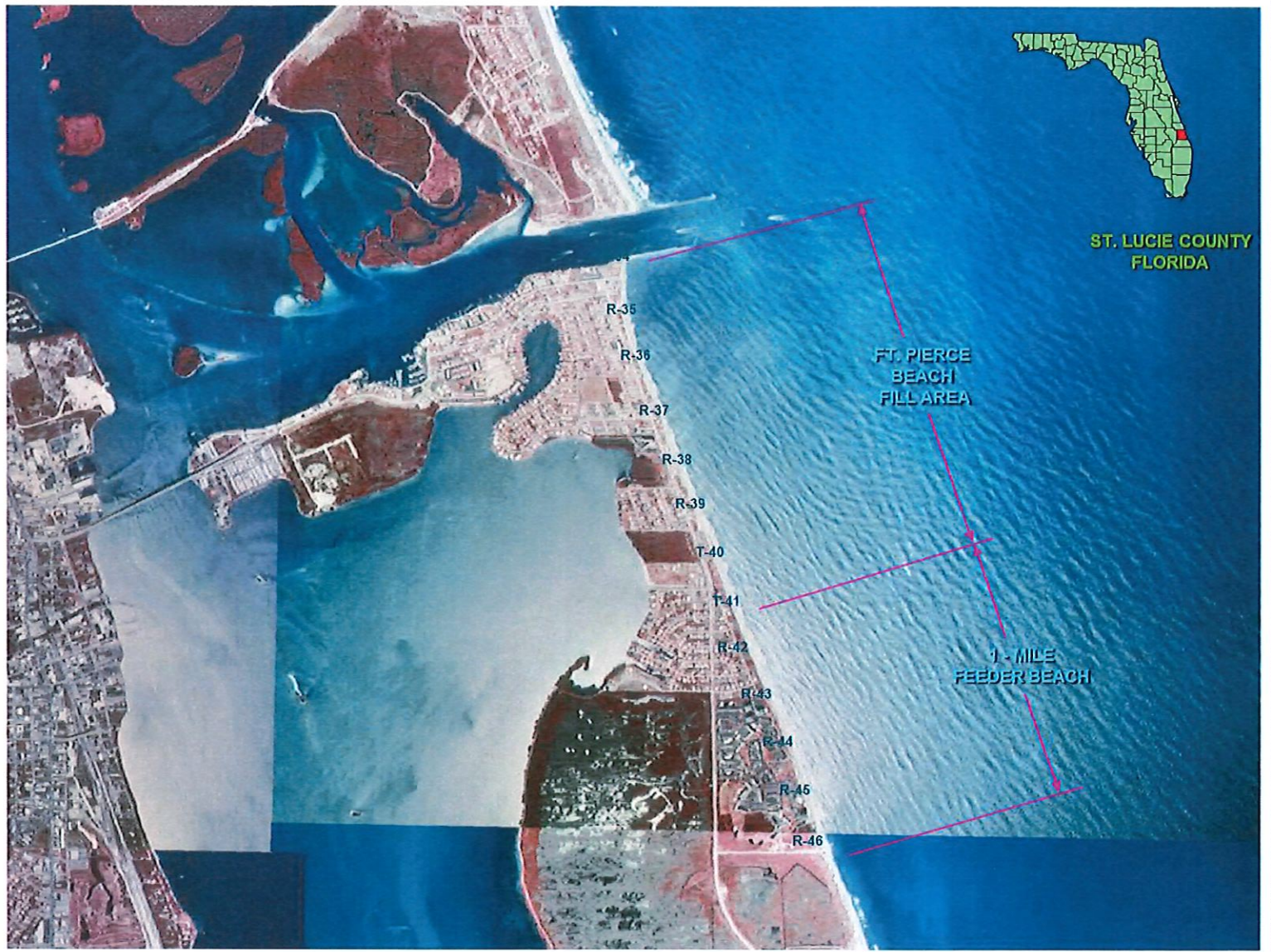
Provide additional information and comments below or attach supporting documents.



Taylor Engineering Inc.
 10151 Deerwood Park Blvd.
 Bldg. 300, Suite 300
 Jacksonville, FL 32256
 CERTIFICATE OF AUTHORIZATION # 4815

Figure 1.1
Location Map
Ft. Pierce Shore Protection Project
2013 Post-Construction Monitoring Report

PROJECT	C2013-027
DRAWN BY	PL
SHEET	
DATE	AUGUST 2013





Beach Access Points Ft. Pierce Beach

Legend

- ▲ Range Monuments
- Public Beach Access

Ft. Pierce Zoning

- GENERAL COMMERCIAL
- GENERAL RECREATIONAL OPEN SPACE
- HUTCHINSON ISLAND RESIDENTIAL DISTRICT
- HUTCHINSON ISLAND MEDIUM DENSITY RESIDENTIAL
- PLANNED UNIT REDEVELOPMENT
- SINGLE FAMILY INTERMEDIATE DENSITY
- SINGLE FAMILY LOW DENSITY
- SINGLE FAMILY MODERATE DENSITY
- TOURIST COMMERCIAL

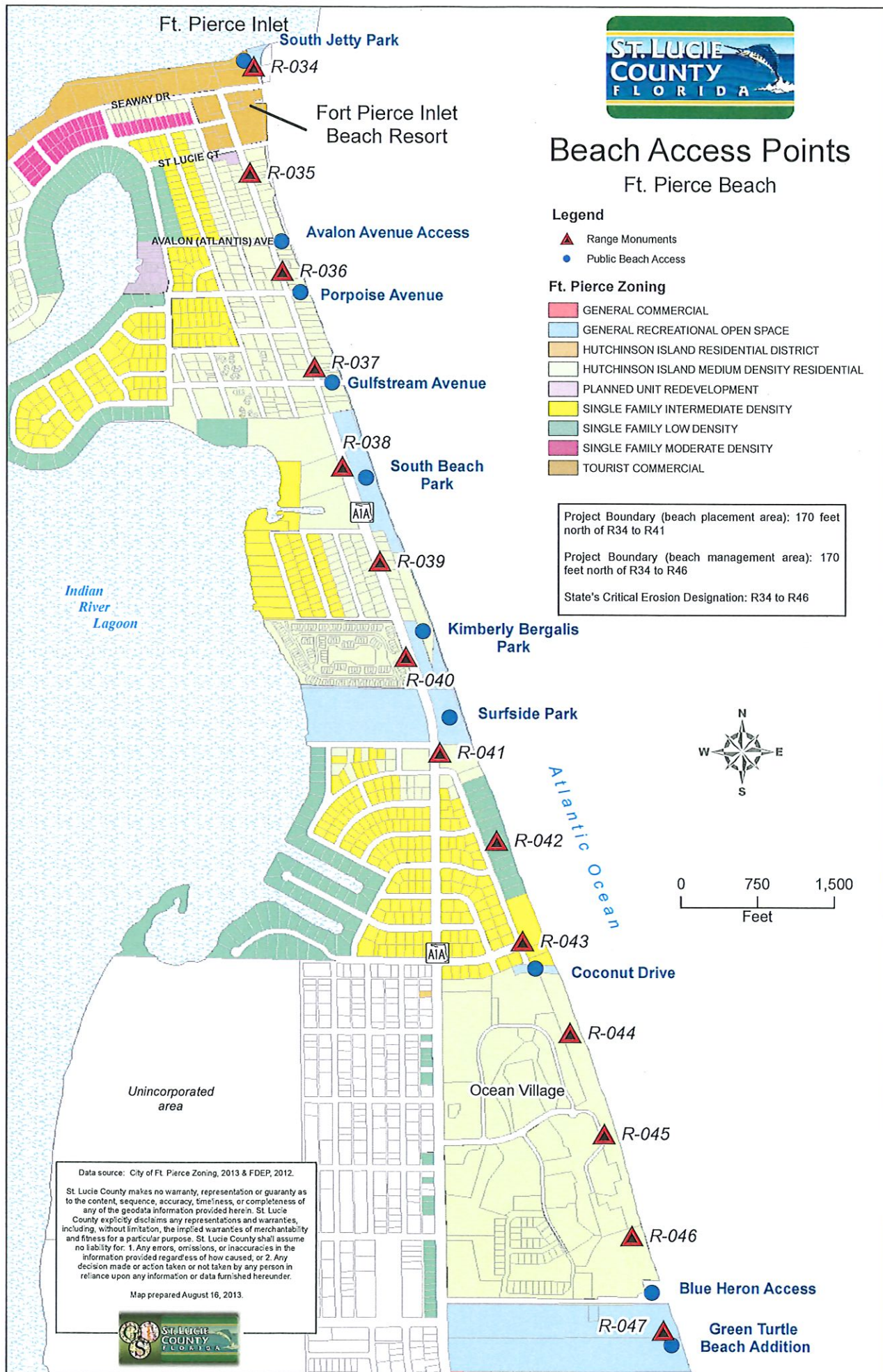
Project Boundary (beach placement area): 170 feet north of R34 to R41

Project Boundary (beach management area): 170 feet north of R34 to R46

State's Critical Erosion Designation: R34 to R46



0 750 1,500
Feet



Data source: City of Ft. Pierce Zoning, 2013 & FDEP, 2012.

St. Lucie County makes no warranty, representation or guaranty as to the content, sequence, accuracy, timeliness, or completeness of any of the geodata information provided herein. St. Lucie County explicitly disclaims any representations and warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose. St. Lucie County shall assume no liability for: 1. Any errors, omissions, or inaccuracies in the information provided regardless of how caused, or 2. Any decision made or action taken or not taken by any person in reliance upon any information or data furnished hereunder.

Map prepared August 16, 2013.





Ft. Pierce Inlet and Adjacent Beaches

**ATTACHMENT B
FUNDING ELIGIBILITY
FT. PIERCE SHORE PROTECTION PROJECT**

Project Boundary: Approximately 170 feet north of R34 to R41.

Approximate Shoreline Length: 7045 FEET

Public Access

Location/Name	R- Mon	Type of Access	Width of Access/ Frontage	Total parking spaces/units	Additional width from eligibility Units	Total Eligible shoreline (ft)
South Jetty Park	R34	Primary	454	100	2,640	3,094
South Beach Park/ Kimberly Bergalis Park/Surfside Park	R38 –R41	Primary	3,050	100	901	3,951
TOTAL						7,045

Total eligible shoreline length: 7,045 FEET

Total project shoreline length: 7,045 FEET

Percent eligible for State funding: 100 PERCENT

State Cost Share: 50 PERCENT