

RESOLUTION NO. 2020- 453

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, APPROVING THE TERMS AND AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO SUBMIT A BUDGET PLAN TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF COASTAL RESILIENCE AND COASTAL PROTECTION, AS REQUIRED TO SUPPORT A LOCAL GOVERNMENT FUNDING REQUEST TO SUPPORT THE SOUTH PONTE VEDRA AND VILANO BEACH COASTAL STORM RISK MANAGEMENT PROJECT.

WHEREAS, St. Johns County is currently working with the U.S. Army Corps of Engineers (USACE) and the Florida Department of Environmental Protection (FDEP) on a multi-year federal beach restoration in the South Ponte Vedra and Vilano Beaches Coastal Storm Risk Management Project (the "Project"); and,

WHEREAS, St. Johns County will provide local cost share funding from an established MSTU for the project area and Category V Tourist Development Tax Budget in the Fiscal Year 2021 budget; and,

WHEREAS, St. Johns County will continue to serve as the local sponsor; and,

WHEREAS, the FDEP has begun a new grant cycle and St. Johns County has submitted an annual Local Government Funding Request (LGFR) to the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection for the State share of costs associated with post-construction monitoring for the Project; and,

WHEREAS, the LGFR application requires a Resolution from the County to affirm the Long Range Budget Plan for the Project; and,

WHEREAS, the FDEP requires an annual contract for its local share, contingent upon annual appropriations by the legislature.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AS FOLLOWS:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as findings of fact.

Section 2. A suggested Budget Plan for funding the State's portion of the Project shall be filed with the Florida Department of Environmental Protection, Office of Coastal Resilience and Coastal Protection (the "Department").

Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed Budget Plan to the Department substantially in the form attached and to execute any necessary agreements concerning the beach projects with the Department, upon a finding of legal sufficiency by the Office of the County Attorney.

Section 4. The County Administrator's, or designee's, submission of any budget plan is subject to, and contingent upon, an annual budget appropriation by the Board of County

Commissioners.

Section 5. To the extent that there are typographical and/or administrative errors and/or omissions that do not change the tone, tenor, or content of this Resolution, then this Resolution may be revised without subsequent approval of the Board of County Commissioners.


PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, State of Florida, this 17th day of November 2020

**BOARD OF COUNTY COMMISSIONERS OF ST.
JOHNS COUNTY, FLORIDA**

By: 

Henry Dean, Vice Chairman

ATTEST: Brandon J. Patty
Clerk of the Circuit Court & Comptroller

By: 
Deputy Clerk

RENDITION DATE 11/19/20





Beach Management Funding Assistance Program
FY 2021/22 Local Government Funding Request
Beach Projects Application

PART I: GENERAL INFORMATION

Local Sponsor

Local Sponsor Federal ID Number (FEID)

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 Digitally signed by Damon Douglas
Date: 2020.09.30 17:16:11 -04'00'

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)

South Ponte Vedra and Vilano Beach Coastal Storm Risk Management Project, St. Johns County R-102.5 through R-117.5

2. Project Description: Include county, location with reference to FDEP range monuments, brief project history, and description of proposed activities. (Note: The box will expand as needed. To expand for printing purposes, click anywhere outside the box when complete.)

The USACE has hired a construction firm for the beach and dune nourishment within Vilano Beach and South Ponte Vedra Beach. The contractor has mobilized and plans to begin construction early October 2020 weather permitting. The design includes construction of a 60-ft equilibrated berm extension from the +8.0 ft 1988 North Atlantic Vertical Datum (NAVD88) contour between the reference monuments R103.5 and R116.5 along 2.6 miles of shoreline. The project template will include a dune feature that reflects the average 2015 dune position. Tapers will extend 1,000 ft from the northern and southern ends of the berm extension, connecting the extension to the existing shoreline. The addition of tapers results in sand placement from R102.5 to R117.5 along three miles of shoreline. A hydraulic dredge will be used to fill the template with sand from the St. Augustine Inlet system. The current request seeks State funding to conduct year 1 monitoring of the project area.



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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, and/or Monitoring). Indicate which tasks are cost reimbursement, if the work has already been completed.

Funds requested for FY2021/2022 will support year 1 monitoring. Monitoring for summer 2021 will include physical monitoring (i.e., collection and analysis of beach and borrow area surveys) and biological monitoring (turtle nest monitoring, beach tilling, compaction monitoring, and scarp removal) required by FDEP permit 0377120-001-JC.

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

Map elements must include:

- Compass rose with North arrow, scale, and legend.
- Project boundary, including the length of critically eroded shoreline
- FDEP range monuments
- Beach access: indicate primary or secondary access, and include the access width, number and location of parking spaces, bus stops, bike racks, and public restroom facilities
- Public lodging establishments: include the width fronting the project shoreline (for recreational benefits ranking points and eligibility determination), and include the length of street-side frontage within one-quarter mile walking distance of a secondary public access point (for eligibility determination)
- Comprehensive list of current land use designations of properties along the project shoreline (for recreational benefits ranking points)
- Include one-quarter mile buffer and provide a comprehensive list of the values of properties that are enclosed or intersected by the buffer (for value of upland property ranking points)

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

Total project length in critical erosion area = 15,670 ft (R-102.5 through R-117.5)



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Year	Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
20/21		n/a				
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
20/21						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
21/22	Monitoring	Year 1 Monitoring*	\$250,000	\$36,250	\$73,921	\$139,839
21/22		*USACE will only cost share on physical monitoring				
21/22						
21/22						
21/22						
21/22						
21/22						
21/22						
21/22						
21/22						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
22/23	Monitoring	Year 2 Monitoring*	\$250,000	\$36,250	\$73,921	\$139,839
22/23		*USACE will only cost share on physical monitoring				



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24/25						
24/25						
24/25						
24/25						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
25/26	Monitoring	Year 5 Monitoring - physical	\$250,000	\$36,250	\$73,921	\$139,839
25/26		*USACE will only cost share on physical monitoring				
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
25/26						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
26/27						
26/27						
26/27						
26/27						
26/27						
26/27						
26/27						
26/27						
26/27						
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26/27						
26/27						



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Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
27/28	Monitoring	Year 7 Monitoring				
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
27/28						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
28/29						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
29/30	Monitoring	Year 9 Monitoring				
29/30						



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29/30						
29/30						
29/30						
29/30						
29/30						
29/30						
29/30						
29/30						
29/30						
29/30						
Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						
30/31						

8. Tourism-related impacts: Criteria is calculated by the Department. 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).

- Current funding request includes construction and year one post-construction monitoring
- Project is managed by two or more counties

Additional comments



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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? Yes

Authorization Year: 2018 Expiration Year: 2070

Does this project have a signed USACE Chief's report for authorization of the requested phase? Yes

USACE federal cost share percentage for this project (excluding FCCE): 29

Select all that apply for the requested project phase(s):

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

Other documentation: The USACE has committed to cost sharing the physical monitoring work with carryover, extended duration construction funds. The USACE will not cost share on biological monitoring.

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. n/a

For restoration projects, what is the historical erosion rate? Department to calculate

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.

What is the proposed sand placement volume (cy)? 1.3 M CY

What is the nourishment interval (years)? 12 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



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Additional comments
for storm damage
reduction benefits and
cost effectiveness

[Empty text box for storm damage reduction comments]

12. Previous state commitment

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

Has the current proposed project phase(s) received a partial appropriation within 3 years of phase completion? No

Additional comments

[Empty text box for previous state commitment comments]

13. Accessible beach area: Criteria is calculated by the Department. Provide data to be considered for the calculation.

Describe the landward and seaward edge of the accessible beach width

Landward edge is the ECL and the seaward edge is the construction fill MHWL

Provide the project boundaries (R-monuments)

R-102.5 through R-117.5

Provide citations of reference sources

USACE Plans and ECL file (ECL shapefile will be shared separate from application). Approximate added beach area in this R102.5 to R117.5 segment = 42 acres.

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.

Commercial: 200 ft = 1.28%
Recreational: 2,097 ft = 13.38%
Public Lodging: 537 ft = 3.43%
Total Commercial and Recreational: 2,834 ft = 18.09%

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

Additional comments

The project mitigates the effects of the federal St. Augustine Inlet.



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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?

17. Environmental habitat enhancement: Criteria is calculated by the Department.

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

Constructed beach nourishment incorporates new dune feature. A lighting ordinance for sea turtle protection covers the project area; nighttime lighting surveys are annually conducted to support enforcement

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 November 20, 2020.

Is an Erosion Control Line established along the project length?

Additional comments

An MSTU for the project area was created in Mar 2019. The County intends to use a combination of MSTU and Tourism Development Tax revenues to fund the project.

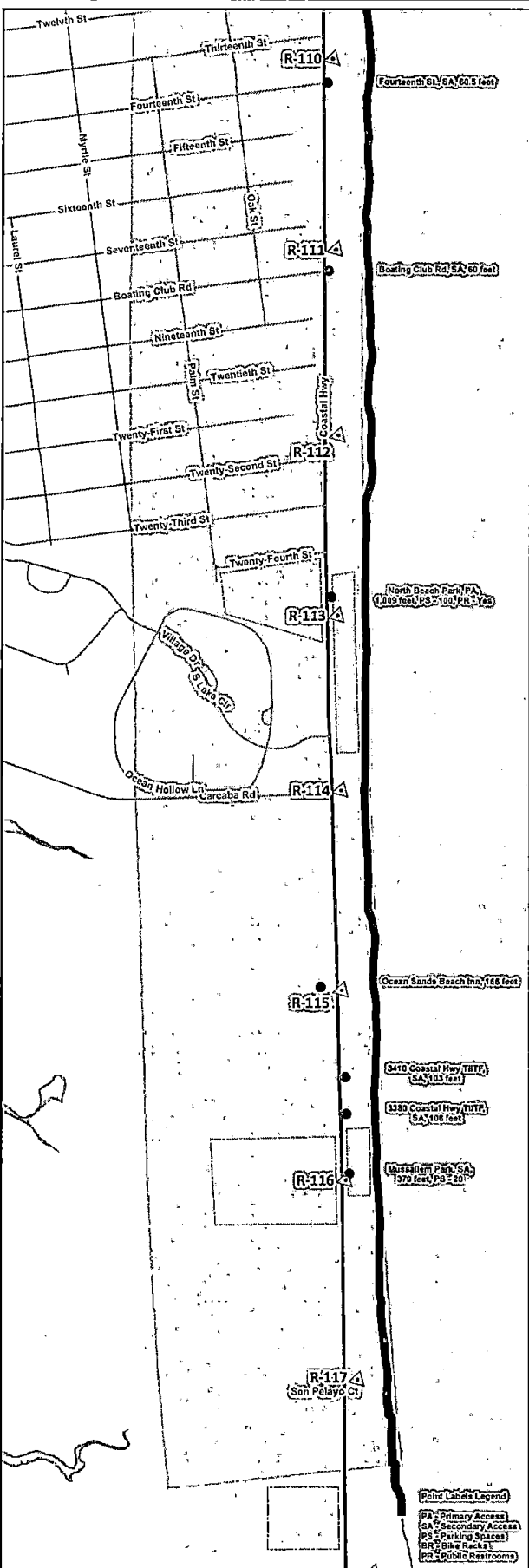
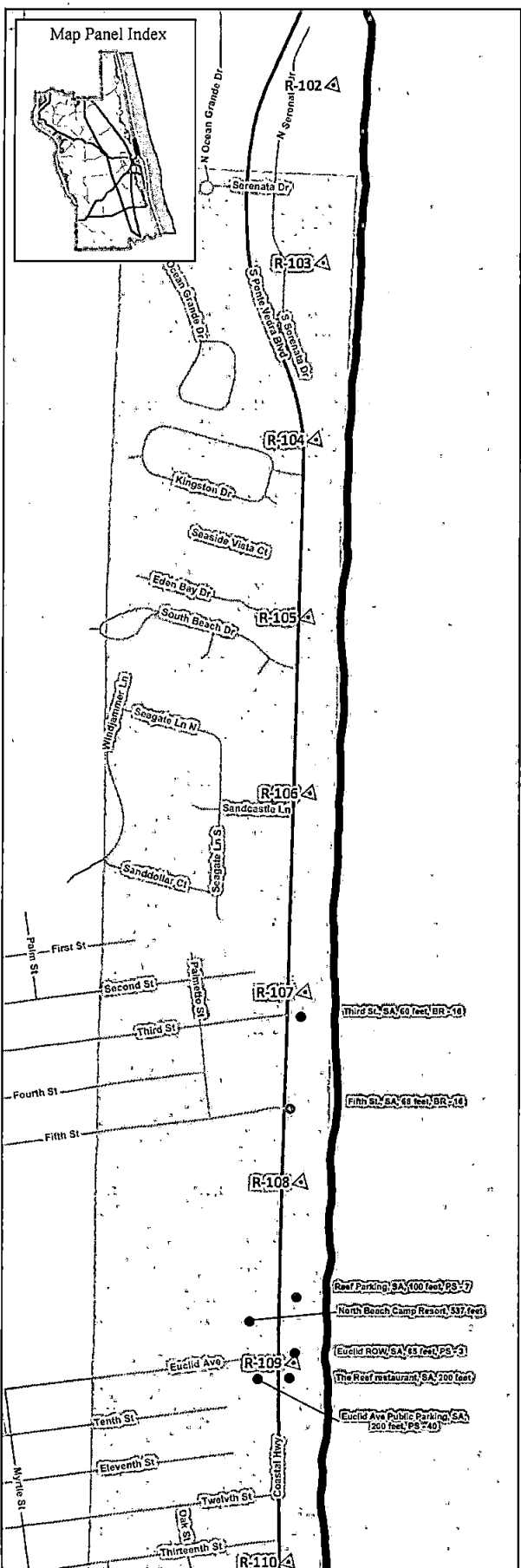
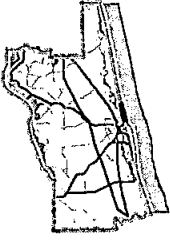


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Provide additional information and comments below or attach separate documents.

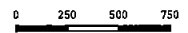
A large, empty rectangular box with a black border, intended for providing additional information and comments.

Map Panel Index



- Beach Access / Public Lodging Locations
- ▲ Range Monuments
- Critically Eroded Beach
- ¼ Mile Buffer for the Property Value Calculations
- Water
- Saltwater Marsh
- Park Boundary
- Municipal Boundary

South Ponte Vedra and
Vilano Beaches Coastal Storm
Risk Management Project,
St. Johns County R102.5 - R117.5



DISCLAIMER: Feet
This map is for reference use only. Data provided are derived from multiple sources with varying levels of accuracy. The St. Johns County GIS Division disclaims all responsibility for the accuracy or completeness of the data shown hereon.
Map Prepared: 9/24/2020 118478



- Point Labels Legend
- PA - Primary Access
 - SA - Secondary Access
 - PS - Parking Spaces
 - BR - Bike Racks
 - PR - Public Restroom

Location/Name	R- Mon	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Units	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
3rd St.	R-107.1	Secondary	60	4*	211.2	271.2		
5th St.	R107.7	Secondary	68	4*	211.2	211.2		
Usina North Ramp	R-108.6 to R-108.7	Secondary	100	50	2,640.0	2,740.0		
Included in Usina North Ramp: Usina North- North Beach Camp Resort:	R-109	Secondary	537	164/164	-	537.0	<u>FDOH Operating Permit 55-54-00057</u>	http://www.floridahealth.gov/statistics-and-data/eh-tracking-and-reporting/mobile-home-rv-parks.html?appSession=9AM450885GX7PJL5APKF2399TYJ513Z4C72PVC611CX3TV99H6VV5IP622RN3CLB5UCN8FKH5O515ION1N25K19HP9P10R30ZJVO75CG221M6TBNSRX1I394M2325047
Included in Usina North Ramp: Usina North- Reef parking	R-108.8	Secondary	100	7	369.6	469.6		
Included in Usina North Ramp: Usina North- Euclid ROW	R-108.9	Secondary	65	3	158.4	65.0		
Included in Usina North Ramp: Usina North- The Reef restaurant	R-109	Secondary	200	0	-	200.0	<u>SEA6500849</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=F9778CD0969284B59E88FC719CA36CEF
Included in Usina North Ramp: Usina North - New public parking at Reef overflow	R-109	Secondary	200	40	2,112.0	2,312.0		
14th St.	R-110.1	Secondary	60.5	0	-	60.5		
Boating Club Rd	R111.1	Secondary	60	0	-	Overlap		

Lot itself in overlap region

Location/Name	R- Mon	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility Units	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
North Beach Park	R-112.8 to R-113.8	Primary	1009	100	5,280.0	6,289		
Ocean Sands Beach Hwy.	R-115	Secondary	166	29/29	-	Overlap	<u>MOT6501218</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=D3155D89EA6833BF01712431756DC31C
3410 Coastal Hwy TIITF	R115.5	Secondary	103	0	-	Overlap		Eligible for 100% state cost share
3380 Coastal Hwy TIITF	R115.7	Secondary	106	0	-	Overlap		Eligible for 100% state cost share
Mussallem Park	R115.8 to R116.1	Secondary	379	23	1,056.0	1,056.00		
						Total Eligible Shoreline Length	10,836.9	

* Bicycle parking