

RESOLUTION NO. 2020- 455

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 ST. JOHNS COUNTY SHORE PROTECTION 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 St. Johns county Shore Protection Project (the "Project") in St. Augustine Beach; and,

WHEREAS, St. Johns County will provide local cost share funding from 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 design and 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").

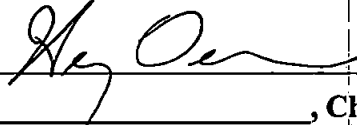
Section 3. The County Administrator, or designee, is hereby authorized to submit a proposed Budget Plan to the Department substantially in the form attached and to execute any necessary agreements concerning the beach projects with the Department, upon a finding of legal sufficiency by the Office of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

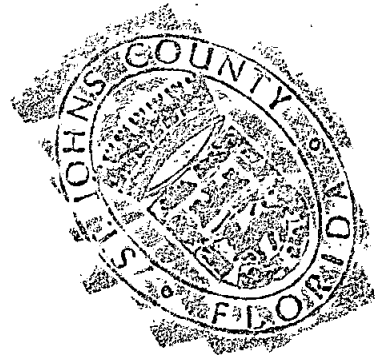
**BOARD OF COUNTY COMMISSIONERS OF ST.
JOHNS COUNTY, FLORIDA**

By: , Chair

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 17:16:34 -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)

St. Johns County Shore Protection Program; St. Johns County R-137 through R-151

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 project consists of a multi-year federal commitment to design, construct and monitor beach restoration of the severely eroded beaches of Anastasia State Park and St. Augustine Beach. The scope focuses on the FDEP-designated critical erosion areas between R137 and R151 at the center of the County and just south of the St Augustine Inlet. The project is part of a 50-year commitment to the U.S. Army Corps of Engineers to nourish this segment of beach. The third renourishment was constructed in Jan-Jun 2018.

The initial nourishment (referred to as the 2003 project) of the St. Johns County SPP, completed in January 2003, extended 2.9 mi from approximately 600 feet (ft) north of FDEP monument R-137A (2.7 mi south of St. Augustine Inlet in Anastasia State Park) south to approximately 600 ft south of FDEP monument R-151 in the City of St. Augustine Beach in St. Johns County, Florida (Figure 2.1). The state of Florida, piggybacking the federal nourishment project, extended the beach nourishment project approximately 0.9 mi north into Anastasia State Park to FDEP monument T-132.

The 2003 project construction occurred as follows. The initial nourishment of the St. Johns County SPP began in 2001 before funding difficulties interrupted construction. Between September and October 2001, the USACE placed sand approximately 1.1 mi from R-145 south to R-151 on St. Augustine Beach. Project construction resumed in April 2002 and finished in January 2003. The project extended from the state portion's northern limit at T-132 to the federal portion's southern limit at R-151. In all, the 2003 project placed approximately 4.2 million cubic yards (Mcy).

The first nourishment (referred to as the 2005 project) extended approximately 2.9 mi from R-137A to R-151. The 2004 hurricane season resulted in the need to nourish the project before the anticipated nourishment interval. Congress appropriated emergency funds in response to the storms. The FDEP provided a one-year extension to the existing five year FDEP permit. Construction began in June and concluded in December 2005 with placement of 2.8 Mcy.

The second nourishment (referred to as the 2012 project) extended approximately 1.5 mi from R-139 to R-147. An agreement between the USACE and dissenting property owners limited the permitted beach fill volume to approximately 2.2 Mcy; this volume limitation inhibited construction of the full 2.8-mile permitted project. Project construction occurred from February – September 2012.

The third nourishment (the 2018 project) extended approximately 0.9 mile from R-139.7 to R-144.4. The project, completed in June 2018, placed roughly 750,000 cy on the beach. Construction of the fourth renourishment is currently planned for early 2023.

Proposed Activity - Year-3 post-construction monitoring and design for the next nourishment.



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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 FY2021/22 will support year-3 post-construction monitoring and design for the next nourishment. 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 0295429-003-JN. The design portion of the funding will be used to create the design for the 4th nourishment event.

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 length in critical erosion area = 14,145 ft (R-137 - R-151)



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22/23						
22/23						
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Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
23/24	Monitoring	Year 1 Monitoring*	\$220,000	\$96,600	\$53,753	\$69,647
23/24		*USACE will only cost share on physical monitoring				
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Year	Proposed Phase	Description	Total Estimated Cost	Federal Cost Share	State Cost Share	Local Cost Share
24/25	Monitoring	Year 2 Monitoring*	\$220,000	\$96,600	\$53,753	\$69,647
24/25		*USACE will only cost share on physical monitoring				
24/25						
24/25						



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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

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 for authorization of the requested phase?

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

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:

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?



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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)?

926,667 cy for 5 years of bypassing per the St. Augustine Inlet Management plan

What is the nourishment interval (years)?

5 based on 1998 GRR

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

Empty box for additional 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 box for additional 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-137 through R-151

Provide citations of reference sources

USACE plans for the last renourishment which in 2018 only nourished from R139.7 to R144.4. Approximate added beach area in this R139.7 to R144.4 segment = 61 acres (ECL will be shared separate from application)



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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: 1,340 ft = 8.8%
Recreational: 5,820 ft = 38%
Public Lodging: 532 ft = 3.5%
Total Commercial, Recreational, and Condo: 7,692 ft = 50.3%

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

	A lighting ordinance for sea turtle protection covers the project area; nighttime lighting surveys are annually conducted to support enforcement
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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



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Expiration date

9/26/2026

Expiration date

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

Yes

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.

Yes

Is an Erosion Control Line established along the project length?

Yes

Additional
comments

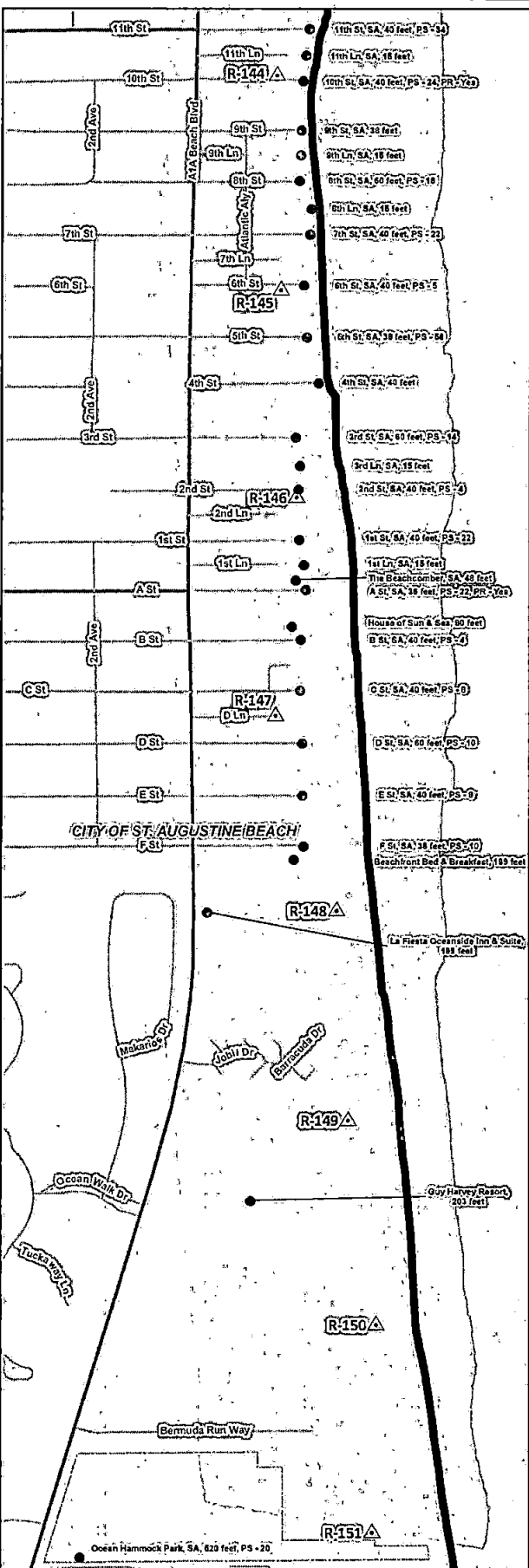
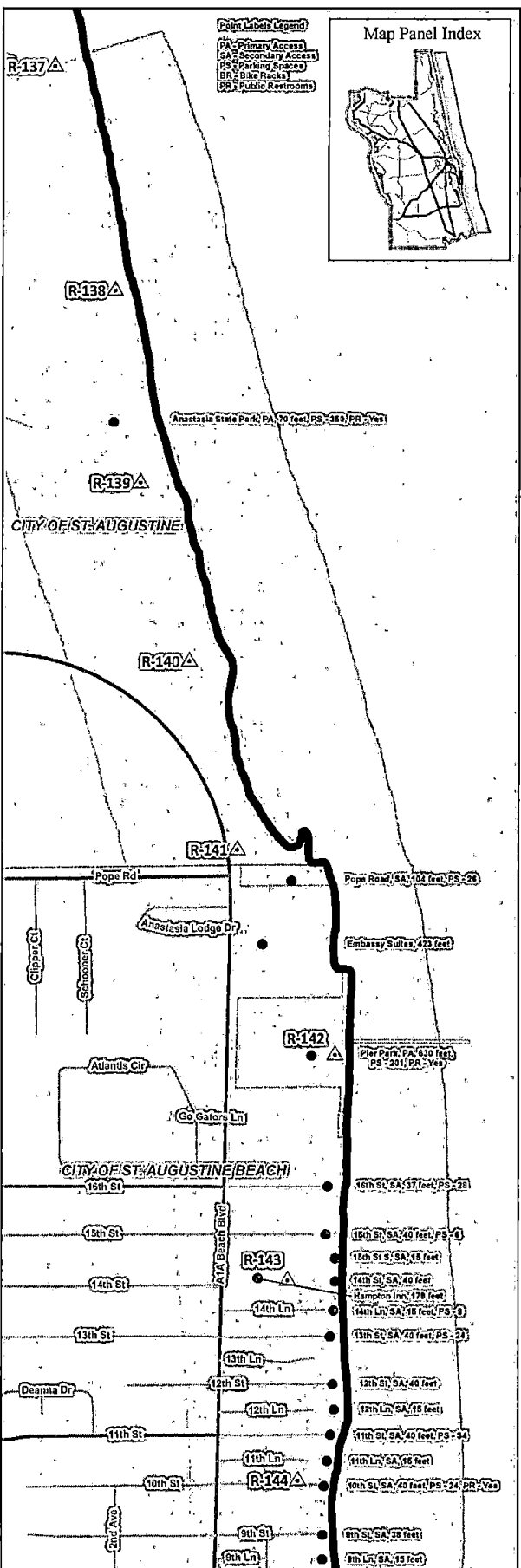
The 2021–2025 budget, detailed in the County's 2020 Financial Plan, includes appropriate levels of project funding.

Provide additional information and comments below or attach separate documents.



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- 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

**St. Johns County Shore
Protection Program,
St. Johns County R137 - R151**

0 250 500 750
Feet

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: 9/74/2020 11B478



Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
Anastasia State Park	R137-R141	Primary	70	350	4,530	4,600		
Pope Road	R141	Secondary	103.55	26	1,372.80	1,476		
300 A1A Beach Blvd.Embassy Suites	R141	Secondary	423.18	175/175	0	423	<u>HOT6501640</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=FB5CEF2ECEFD9EF826C9193C6803E243
Pier Park	R142	Primary	630	201	5,280	5,910		
16 th Street	R143	Secondary	37.35	28	478.4	1,518		
15 th Street	R143	Secondary	40	6	316.8	357		
15 th Street S	R143	Secondary	15	0	0	15		
430 A1A Beach Blvd. Hampton Inn	R143	Secondary	178.7	100/100	0	179	<u>MOT6501360</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=03C1041E594B40745DB7B18B0050F115
14 th Street	R143	Secondary	40	0	0	40		
14 th Lane	R143	Secondary	15	9	475.2	490		
13 th Street	R143	Secondary	40	24	1267.2	1,307		
12 th Street	R144	Secondary	40	0	0	40		
12 th Lane	R144	Secondary	15	0	0	15		
11 th Street	R144	Secondary	40	34	1795.2	1,835		
11th Lane	R144	Secondary	15	0	0	15		
10th Street	R144	Secondary	40	24	1267.2	1,307		
9th Street	R144	Secondary	37.98	0	0	40		
9th Lane	R144	Secondary	15	0	0	15		
8th Street	R145	Secondary	60	18	950.4	1,010		
8th Lane	R145	Secondary	15	0	0	15		

Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
7th Street	R145	Secondary	40	22	1161.6	1,202		
6 th Street	R145	Secondary	40	5	264	304		
5 th Street	R145	Secondary	38.47	56	2956.8	2,997		
4 th Street	R145	Secondary	40	0	0	40		
3 rd Street	R146	Secondary	60	14	739.2	799		
3 rd Lane	R146	Secondary	15	0	0	15		
2 nd Street	R146	Secondary	40	4	211.2	251		
1 st Street	R146	Secondary	40	22	1161.6	1,202		
1 st Lane	R146	Secondary	15	0	0	15		
A Street	R146	Secondary	36	22	1161.6	1,198		
2 A St. The Beachcomber	R146	Secondary	47.7	0	0	48	<u>SEA6500513</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=9CD568C4DD102FBB6C8D6A521B542F3C
B Street	R147	Secondary	40	4	211.2	251		
2 B St. House of Sun & Sea	R147	Secondary	90.2	7 of 7	0	90	<u>BNB6501391</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=1891509EDA3B89A840FF3F530BE60D21
C Street	R147	Secondary	40	8	422.4	462		
D Street	R147	Secondary	60	10	528	588		
E Street	R147	Secondary	40	8	422.4	462		
F Street	R148	Secondary	38	10	528	566		

Location/Name	R-Monument	Type of Access	Width of Access/ Frontage	Total Public Units or Parking Spaces	Additional Width from Eligibility	Eligible Shoreline (feet)	DBPR License	URL for DBPR License
1 F St. Beachfront Bed & Breakfast	R148	Secondary	199	6 of 6	0	199	<u>BNB6500124</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=911962288C30ECDFA79727A6553B55F5
810 A1A Beach Blvd. La Fiesta Oceanside Inn & Suite	R148	Secondary	199	54/54	0	199	<u>MOT6500011</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=9754E9A561C54706ACDC1A32700A89F4
860 A1A Beach Blvd. Guy Harvey Resort	R149	Secondary	202.8	153/153	0	203	<u>HOT6500300</u>	https://www.myfloridalicense.com/LicenseDetail.asp?SID=&id=B998C208AE544437FB02E6481AA89B8B
Ocean Hammock Park	R151	Secondary	520	20	1056	1,576		
					Total Eligible Shoreline Length: ¹	-		

¹ Lengths presented for individual locations do not consider overlap with adjacent locations; total eligible length is the same as previously calculated for the current 43.56% state cost share