

RESOLUTION 2022-127

A RESOLUTION OF THE ST. LUCIE COUNTY EROSION DISTRICT AUTHORIZING THE SUBMITTAL OF AN APPLICATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR FISCAL YEAR 2023/24 FUNDS UNDER THE FLORIDA BEACH MANAGEMENT FUNDING ASSISTANCE PROGRAM; SETTING FORTH FINDINGS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the St. Lucie County Erosion District ("District") and the Florida Department of Environmental Protection ("FDEP") have adopted the Fort Pierce Inlet Management Plan and desires to implement the recommendations contained therein; and,

WHEREAS, the District has established a Long-Range Budget Plan for the Florida Beach Management Funding Assistance Program and desires to implement specific projects contained therein; and,

WHEREAS, under the provisions of Section 161.101, Florida Statutes, FDEP accepts and processes applications for the Florida Beach Management Funding Assistance Program; and,

WHEREAS, under the Program guidelines of the Florida Beach Management Funding Assistance Program, the District is required to submit a supporting resolution with their application request.

NOW, THEREFORE, BE IT RESOLVED by the St. Lucie County Erosion District as follows:

1. FDEP is requested to approve and support the maximum State funding allowed for this application request for Fiscal Year 2023/24. The District will provide the required local share in accordance with the State Legislature's appropriation.
2. This Resolution shall take effect immediately upon its adoption.

AFTER MOTION AND SECONDED, the vote on this Resolution was as follows:

Chair Frannie Hutchinson	AYE
Vice-Chair Cathy Townsend	AYE
Commissioner Linda Bartz	AYE
Commissioner Chris Dzadovsky	AYE
Commissioner Sean Mitchell	ABSENT

PASSED AND DULY ADOPTED this 19 day of July, 2022.

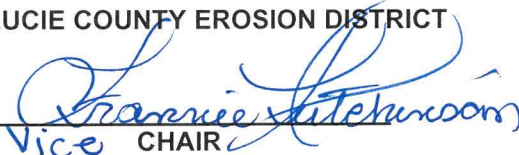
ATTEST:


DEPUTY CLERK



ST. LUCIE COUNTY EROSION DISTRICT

BY:


Vice CHAIR

APPROVED AS TO FORM AND
CORRECTNESS:

BY:


Asst. COUNTY ATTORNEY

10-YEAR COMPREHENSIVE BEACH MANAGEMENT PROJECT LIST - ST. LUCIE COUNTY
(Fiscal Years 2023 - 2033)

Recommended Plan Elements	Estimated Ten (10) Year Total Cost	Estimated Five (5) Year County Cost	Estimated Ten (10) Year County Cost	Fiscal Year 2023/24			Fiscal Year 2024/25			Fiscal Year 2025/26			Fiscal Year 2026/27			Fiscal Year 2027/28			Fiscal Year 2028/33		
				Estimated County Share	Estimated State Share	Estimated Federal Share	Estimated County Share	Estimated State Share	Estimated Federal Share	Estimated County Share	Estimated State Share	Estimated Federal Share	Estimated County Share	Estimated State Share	Estimated Federal Share	Estimated County Share	Estimated State Share	Estimated Federal Share	Estimated County Share	Estimated State Share	Estimated Federal Share
<u>Ft. Pierce 1.3-Mile Beach Project</u> ⁽¹⁾																					
Section 203 Report Post-Authorization (NEPA, Environmental) ⁽²⁾ - FDEP Grant 20SL1	\$0	\$0	\$0																\$0	\$0	\$0
Construction Oversight	\$230,000	\$90,000	\$115,000				\$40,000	\$40,000					\$50,000	\$50,000					\$25,000	\$25,000	\$0
<u>Shoreline Stabilization Alternatives</u>																					
Design & Permitting (Structures /T-groins) ^(4a) - FDEP Grant 20SL1 (\$400k Available)	\$0	\$0	\$0																\$0	\$0	\$0
Design & Permitting - Section 111 (LRR) ⁽³⁾ - FDEP Grant 22SL1 (\$100k Available)	\$100,000	\$0	\$50,000																\$50,000	\$50,000	\$0
Structure/ T-Groin Construction (concurrent w/Nourishment) ^{(4)(5)(5a)} - Non Funded to date	\$16,300,000	\$4,356,000	\$4,506,000										\$4,356,000	\$4,356,000	\$7,288,000				\$150,000	\$150,000	\$0
Emergency Truck Haul Project (Fall 2019/Spring 2020) ^(5a)	\$0	\$0	\$0																\$0	\$0	\$0
Long Term Beach Monitoring (Physical and Biological) - Including Required Tilling	\$3,350,000	\$800,000	\$1,675,000	\$150,000	\$150,000		\$150,000	\$150,000		\$150,000	\$150,000		\$175,000	\$175,000		\$175,000	\$175,000		\$875,000	\$875,000	\$0
Long Term Beach Maintenance-Renourishment ^{(5)(6)(5b)}	\$36,000,000	\$2,668,800	\$6,566,400				\$1,334,400	\$1,334,400	\$9,331,200				\$1,334,400	\$1,334,400	\$9,331,200				\$3,897,600	\$3,897,600	\$4,204,800
SUB-TOTAL	\$55,980,000	\$7,914,800	\$12,912,400	\$150,000	\$150,000	\$0	\$1,524,400	\$1,524,400	\$9,331,200	\$150,000	\$150,000	\$0	\$5,915,400	\$5,915,400	\$16,619,200	\$175,000	\$175,000	\$0	\$4,997,600	\$4,997,600	\$4,204,800
<u>Inlet Management Plan Sand By-Passing (Inlet Sand Trap)</u> ⁽⁷⁾																					
Construction (Phase 1) - Engineering - FDEP Grant 18SL1	\$0	\$0	\$0																\$0	\$0	\$0
Construction (Phase 1) - Monitoring - FDEP Grant 18SL1	\$0	\$0	\$0																\$0	\$0	\$0
Construction (Phase 1) - Inlet Sand Trap w/Mitigation Reef ^{7B} - Partial, FDEP Grant 18SL1	\$0	\$0	\$0																\$0	\$0	\$0
Design & Permitting (Phase 2) - Inlet Sand Trap	\$200,000	\$50,000	\$50,000							\$50,000	\$150,000								\$0	\$0	\$0
Construction (Phase 2) - Inlet Sand Trap (assumes 75% cost share)	\$8,000,000	\$2,000,000	\$2,000,000										\$2,000,000	\$6,000,000					\$0	\$0	\$0
Long Term Inlet Monitoring (Physical/ Biological) ^(7D) - Future Cost Share in 18SL1	\$1,810,000	\$355,000	\$855,000	\$150,000	\$150,000		\$27,500	\$27,500		\$27,500	\$27,500		\$50,000	\$150,000		\$100,000	\$100,000		\$500,000	\$500,000	\$0
Long Term Operation & Maintenance ^(7A) (assumes 50% cost share) - Initial Maintenance Effort	\$12,000,000	\$2,000,000	\$6,000,000				\$1,000,000	\$1,000,000					\$1,000,000	\$1,000,000					\$4,000,000	\$4,000,000	\$0
Inlet Management Plan Profile Surveying ^(7C) - Future Cost Share in 18SL1	\$300,000	\$150,000	\$150,000	\$30,000	\$30,000		\$30,000	\$30,000		\$30,000	\$30,000		\$30,000	\$30,000		\$30,000	\$30,000				
Spur Jetty Repairs - Post Irma ⁽⁹⁾	\$0	\$0	\$0																\$0	\$0	\$0
SUB-TOTAL	\$22,310,000	\$4,555,000	\$9,055,000	\$180,000	\$180,000	\$0	\$1,057,500	\$1,057,500	\$0	\$107,500	\$207,500	\$0	\$3,080,000	\$7,180,000	\$0	\$130,000	\$130,000	\$0	\$4,500,000	\$4,500,000	\$0
<u>South County Beach Restoration</u> ⁽⁹⁾																					
Federal Feasibility Phase/Studies (50%cost share w/Corps)	\$0	\$0	\$0																\$0	\$0	\$0
Design & Permitting (Federal SPP)	\$100,000	\$0	\$56,510																\$56,510	\$43,490	\$0
Construction Oversight ^(9a)	\$0	\$0	\$0																\$0	\$0	\$0
Perpetual Easements (Ongoing Effort)	\$0	\$0	\$0																\$0	\$0	\$0
Long Term Beach Monitoring (USACE Federal Project) ⁽¹¹⁾ - Future FDEP Grants (Years 2 & 3)	\$900,000	\$508,590	\$508,590	\$254,295	\$195,705		\$254,295	\$195,705											\$0	\$0	\$0
Annual Beach Profiles (2013 Project)	\$0	\$0	\$0																\$0	\$0	\$0
Annual Beach Profiles (2021 Federal Project)	\$360,000	\$115,430	\$281,718							\$45,000			\$25,430	\$19,571		\$45,000			\$166,289	\$58,712	\$0
Future Federal Beach Maintenance-Renourishment ⁽¹⁰⁾ - FDEP Grants 19SL4 & 20SL3	\$0	\$0	\$0																\$0	\$0	\$0
Public Beach Access Easements - Init. Const./Future Maintenance ⁽¹²⁾ - FDEP Grant 18SL2																					
Condemnation Effort Associated with Outparcel ⁽¹³⁾	\$0	\$0	\$0																\$0	\$0	\$0
SUB-TOTAL	\$1,360,000	\$624,019	\$846,818	\$254,295	\$195,705	\$0	\$254,295	\$195,705	\$0	\$45,000	\$0	\$0	\$25,430	\$19,571	\$0	\$45,000	\$0	\$0	\$222,799	\$102,202	\$0
<u>Emergency Maintenance</u>																					
Beach & Dune Upland Sand Source Contract(s)	\$120,000	\$60,000	\$120,000				\$30,000						\$30,000						\$60,000	\$0	\$0
SUB-TOTAL	\$120,000	\$60,000	\$120,000	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$60,000	\$0	\$0
<u>Inlet Spur Jetty</u>																					
Long Term Maintenance	\$125,000	\$75,000	\$125,000	\$25,000						\$25,000						\$25,000			\$50,000	\$0	\$0
SUB-TOTAL	\$125,000	\$75,000	\$125,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$50,000	\$0	\$0
ANNUAL TOTAL COST	\$79,895,000	\$13,228,819	\$23,059,218	\$609,295	\$525,705	\$0	\$2,866,195	\$2,777,605	\$9,331,200	\$327,500	\$357,500	\$0	\$9,050,830	\$13,114,971	\$16,619,200	\$375,000	\$305,000	\$0	\$9,830,399	\$9,599,802	\$4,204,800

(1) Project Cost Share: Federal (77.76%), Non-Federal (22.24%) - State typically provides 50% of the non-federal share (11.12%, County = 11.12% State). Existing cost share good thru November 2026 or until new Section 203 project authorization and construction, whichever comes first?
(2) Anticipated cost to address outstanding comments and NEPA/Environmental requirements associated with the Section 203 Report. Recent conversations with Jacksonville/ASA's offices suggest a cost share agreement for the PED phase of project development (FDEP Grant 21SL1 - Design Funding)
(3) Improved cost share may be possible through a Limited Reevaluation Report (LRR), under a new 50 year project life. Preliminary discussions with Jacksonville USACE indicate possibility; effort likely after Congressional Authorization is achieved (Spring 2022). Unknown as to whether or not the improvement can be attained before new design structure implementation (24/25). FDEP Grant 20SL1
(4) Anticipated construction cost for T-Groin structures based on cost estimate provided in the final Section 203 Report submitted to the ASA's office June 7, 2018.
(4a) State permitting to begin as soon as final Congressional Authorization is attained and outstanding Section 203 comments are addressed. Cost Share agreement with ASA by 2023. State permitting effort to follow as soon as possible.
(5) Assuming future beach projects are under existing Federal cost share until reauthorization (see note 1). Federal participation associated with a new 50 year project @ 45.55%, Non-Federal @ 54.45%; Additional Section 111 benefits NOT recognized in final Section 203/403 report (per ASA determination). Recurring Federal Renourishments after initial construction @35.04% Federal, 64.96% Non-Federal. State funding possible up to 50% of the non federal share. See note 6 for more information.
(5a) Emergency truck haul initiated March 2020 @ 100% County expense. 50% State reimbursement included in future Grant approved FY 21-22 (Reimbursement received Q1 2022; \$1.8 million)
(5b) Section 203 Congressional Authorization in 2020. Resolve NEPA and Final Report with ASA by 2023. State permitting effort to follow as soon as possible.
(6) Cost estimates for future projects are based on 500,000 c.y. nourishments each - Actual size and cost will be dependent on need, market, and/or Federal appropriations.
(7) Construction of the Phase 1 Sand Trap (60,000 cy trap) anticipated to be completed begin Summer/Fall 2022.
(7a) Future inlet maintenance efforts are subject to a 50% Local / 50% State cost share.
(7b) Outstanding balance for Phase 1 construction pending 2022/23 state budget.
(7C) 2022 Inlet Management Plan Update incudes additional Surveying north of Fort Pierce Inlet - Monitoring required at least on an annual basis.
(7D) Includes a comprehensive inlet survey as well as surveys specifically of the Sand Trap (Phase 1) @ 6months, 12 months, and 18 Months.
(8) Project was completed FY 2018/19. FEMA Reimbursement received November 2021 (\$104,500).
(9) The 2013 non-federal Project cost share: State (43.49%), Local (56.51%). Project now Federally Authorized via WRDA 2018 (Preliminary Federal Cost Share @ 35%, Local @ 65%); Future Nourishment (27% Federal; 73% non-Federal). Additional funding option has been made available (South Hutchinson Island MSTU) - All efforts expensed out of Fund 194.
(9a) Construction oversight for FDEP compliance included in FDEP Grant 19SL4 and 20SL3.
(10) Initial Federal nourishment costs (\$22,803,000) identified in the Draft PPA dated 11/1/2018 (distributed to County January 2019). Cost further refined, and Non-federal share distributed July/August 2021.
(11) Post -Construction Biological/Physical Monitoring Per GEC. Anticipate three (3) years of post-construction monitoring (Draft PPA to include WIK Credit for post-construction monitoring). Assuming State funding @43.49%. - Funds potentially available in FDEP Grant 20SL3.
(12) This effort was postponed due to the lack of local participation.
(13) Level of effort unknown at this time. Estimate provided based on previously assessed fees (subject to change).

**ATTACHMENT B
FUNDING ELIGIBILITY
SOUTH ST. LUCIE BEACH RESTORATION**

Project Boundary: R98 to St. Lucie/Martin County Line.

Approximate Shoreline Length: 17,716 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)
Normandy Beach Access	R98.3	Secondary	108	16	845	953
*Dolman Beach Access	R102-R103	Primary	1860	100+	5226	7086
Island Beach Resort	R106.1	Hotel/Resort	350	60 Rms.	0	340
*Waveland Beach Access	R111	Primary	326	100+	5383	5709
Glasscock Beach Access	R115 + 1000 ft., County Line	Secondary	100	40	1220	1320
TOTAL						15408

Total eligible shoreline length: 15,408 FEET

Total project shoreline length: 17,716 FEET

Percent eligible for State funding: 86.98 PERCENT

State Cost Share: 43.49 PERCENT



Proposed Project Area

"Developed & Critically Eroded"

Normandy Beach to
Martin County Line
(R-98 to County Line)





Beach Access Points

South St. Lucie County Beach

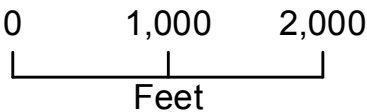
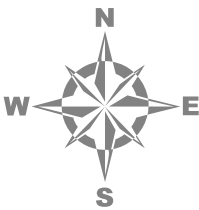
Legend

- Public Beach Access
- Range Monuments

St. Lucie County Zoning

- Commercial General
- Commercial Neighborhood
- Conservation Public
- Hutchinson Island Residential District
- Institutional
- Planned Non-residential Development
- Planned Unit Development
- Submerged Lands
- Utilities

Project Boundary: R98 to Martin County Line
State's Critical Erosion Designation: R98 to Martin County Line



Indian River Lagoon

Data source: SLC GIS Zoning, 2013 & FDEP, 2012.

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Map prepared August 16, 2013.



Martin County

Glascok Beach (Martin Co.)

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS &
PROFESSIONAL REGULATION



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LICENSEE DETAILS

9:05:07 AM 7/28/2022

Licensee Information

Name:	ARK ISLAND BEACH RESORT, LLC (Primary Name) ISLAND BEACH RESORT (DBA Name)
Main Address:	9800 S OCEAN DR JENSEN BEACH Florida 34957
County:	ST. LUCIE
License Mailing:	9800 SOUTH OCEAN DRIVE JENSEN BEACH FL 34957
County:	MARTIN
Rental Location:	View Rental Locations

License Information

License Type:	Vacation Rental - Condo
Rank:	Condo
License Number:	CND6600008
Status:	Current,Active
Licensure Date:	10/13/2015
Expires:	04/01/2023

Special Qualifications

Qualification Effective

Single	10/13/2015
St.Lucie APR	10/13/2015
51-100 UNITS	10/13/2015

Alternate Names

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2601 Blair Stone Road, Tallahassee FL 32399 :: Email: **Customer Contact Center** :: Customer Contact Center: 850.487.1395

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DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
4400 PGA BLVD, SUITE 203
PALM BEACH GARDENS, FL 33410

May 15, 2022

West Palm Beach Coastal Resident Office

DEP-0003

Subject: Contract No. W912EP19D0028 / Delivery Order No. W912EP21F0273
South Hutchinson Beach Re-nourishment, St. Lucie County, Florida
Notice of Completion: Permit 0154626-001-JC

Florida Department of Environmental Protection
2600 Blair Stone Rd., M.S. 35445
Tallahassee, Florida 32399-2400

Ms. Brantley,

Please accept this letter as the Army Corps of Engineer's Notice of Completion for dredging and placement of beachfill on South Hutchinson Island. Great Lakes Dredge and Dock (GLDD) completed dredging on May 7, 2022 and the beach was completely demobilized by May 9, 2022. A total of 387,035 cubic yards was placed between Stations 981+00 - 1155+00 or 240 feet south of R-98 to R-1 which is located by the St. Lucie and Martin County Line.

The project is scheduled to be complete with the remaining activities which consist of dune planting and dune sign installation by May 30, 2022.

If you have any questions, please email the undersigned at Joseph.J.Bonanno@usace.army.mil.

Sincerely,

**BONANNO.JOSEPH.
JAMES.1019554755**

Digitally signed by
BONANNO.JOSEPH.JAMES.101955
4755
Date: 2022.05.15 21:38:42 -04'00'

Jim Bonanno, P.E.
Contracting Officer's Representative

cc: Doug Piatkowski, P.E.
BOEM
Joshua Revord, P.E.
St. Lucie County