



Beach Management Funding Assistance Program
Local Government Funding Request
Fiscal Year 2025/2026
Inlet Projects Application

PART I: GENERAL INFORMATION

Local Sponsor	Sebastian Inlet District		
Federal ID Number (FEID)	592073525		
Primary Contact Name	James Gray, Jr.	Title	Executive Director
Mailing Address Line 1	114 Sixth Avenue		
Mailing Address Line 2			
City	Indialantic	Zip Code	32903
		Telephone Number	321-724-5175
Email Address	jgray@sitd.us		

Additional Contact Information

Dave Kershaw
Director, Contracts & Budget
Email: dkershaw@sitd.us
Office: 321-725-5175

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 Inlet Management Plan (IMP) or Strategic Beach Management Plan (SBMP)

Sebastian Inlet (IMP) Implementation

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

The project site is located at 9700 South Highway A1A in Brevard County, Department Monument R-219, Range 39 East, Township 30 South, Section 20, Atlantic Ocean, Class III Waters (Sebastian Inlet North Jetty).

The proposed maintenance and repair activities are required to rehabilitate the armor stone revetment located on the Sebastian Inlet North Jetty, which has been damaged by past hurricanes and storms. Currently, there are public access and safety concerns at the project site and a blowout in the jetty wall is contributing to the accumulation of sediment in the inlet.

The maintenance activity aims to stabilize the shoreline, improve sediment management, and increase resilience in 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, or Monitoring). Indicate which tasks are cost reimbursement from previous fiscal years.

50% State Cost Share Funds will be used for Design (LGFR 23/24) and Construction (LGFR 25/26).

4. Map: Provide as an attachment.

- **Format:** The project area must be formatted at a minimum of 1" = 200' scale and include a compass rose and legend.
- **Required elements:** Project boundary, DEP reference monuments, shoreline designated as critically eroded, area of inlet influence, and permitted sand bypassing placement area

5. Project length: Total restored project boundary (in feet) as listed in the IMP or SBMP.

Project Approx. 300 LF

6. Schedule and Budget: Provide as a separate attachment, if needed. Clearly indicate project phase: Feasibility (F), Design (D), Construction (C), or Monitoring (M). 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		Design, Permitting and Bidding	\$0	\$127,000	\$127,000	\$254,000
23/24						
23/24						

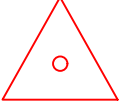


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Fiscal Year	Project Phase	Description	Federal Cost	State Cost	Local Cost	Total Cost
24/25		N/A				
24/25						
24/25						
25/26	C	Jetty Maintenance and Eng Services	\$0	\$2,350,000	\$2,350,000	\$4,700,000
25/26						
25/26						
26/27		N/A				
26/27						
26/27						
27/28		N/A				
27/28						
27/28						
28/29		N/A				
28/29						
28/29						
29/30		N/A				
29/30						
29/30						

FILE: P:\01 CAD\2020\xxxx\202000302.05 - North Jetty Workplan\DWG-C-1 Figure for LGFR.dwg PLOT DATE: 7/12/2024 9:15:28 AM PLOTTED BY: BRYAN FLYNN

LEGEND:



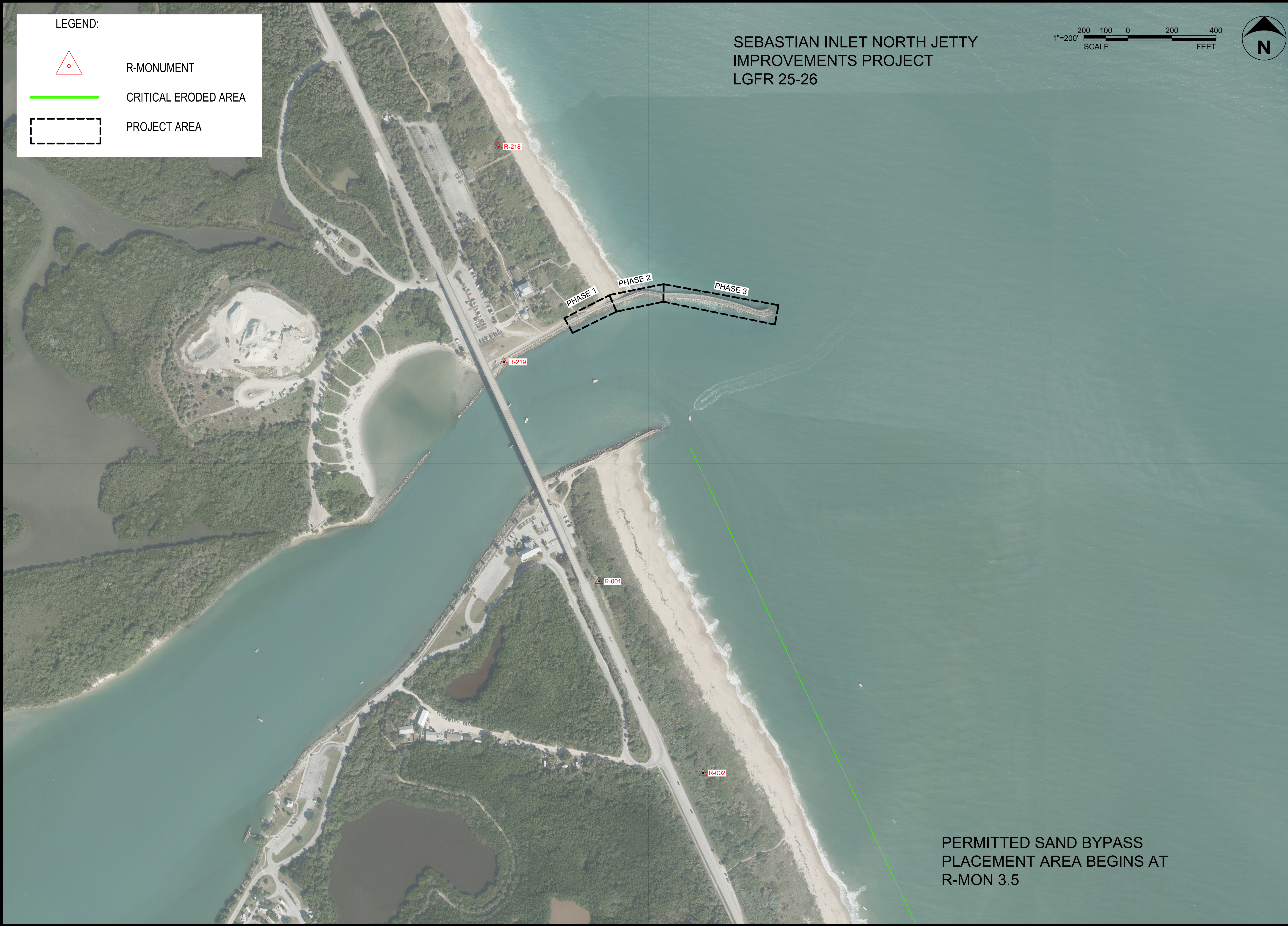
R-MONUMENT



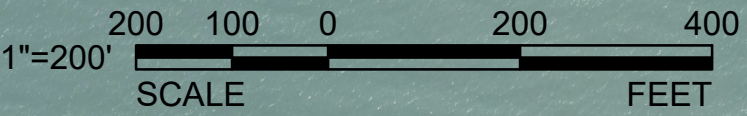
CRITICAL ERODED AREA



PROJECT AREA



SEBASTIAN INLET NORTH JETTY
IMPROVEMENTS PROJECT
LGFR 25-26



5404 CYPRESS CENTER DRIVE,
SUITE 125
TAMPA, FL 33609
OFFICE - 813.207.7200
WWW.ESASSOC.COM

STAMP

CONSULTANT
THIS ITEM HAS BEEN DIGITALLY SIGNED
AND SEALED BY BRYAN D. FLYNN, PE ON
THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT
ARE NOT CONSIDERED SIGNED AND
SEALED AND THE SIGNATURE MUST BE
VERIFIED ON ANY ELECTRONIC COPIES.

PROJECT NAME
SEBASTIAN INLET
NORTH JETTY
IMPROVEMENTS PROJECT

9700 S HWY A1A
MELBOURNE BEACH, FL 32951

REVISIONS		
#	DATE	DESCRIPTION

DESIGNED	CR
DRAWN	CR
CHECKED	EMD
IN CHARGE	BDF FL PE 70856

PROJECT NUMBER D202000302.05

ISSUE DATE 07/12/2024

SCALE IS AS SHOWN WHEN
PLOTTED TO FULL SIZE (22"x34")
1" = 200'

PHASE
DESIGN PLANS

SHEET TITLE

PROJECT
OVERVIEW

SHEET NUMBER

C-1

SHEET 1 OF 1

PERMITTED SAND BYPASS
PLACEMENT AREA BEGINS AT
R-MON 3.5



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7. Sand reaching the inlet

Provide the estimated annual quantity (cubic yards) of beach quality sand reaching the updrift boundary of the improved jetty or inlet channel:

N/A

8. Severity of erosion

Provide the annual bypassing objective (cubic yards/year) adopted by the IMP or SBMP or as determined by a Department-approved study:

N/A

9. Balancing the sediment budget

Provide the current annual average of bypassed material (cubic yards) since the adoption of a bypass objective:

N/A

The Sebastian IMP was updated and adopted in November 2023, revising the target bypassing objective to 75,000 cubic yards per year.

Provide a brief description of when the last sediment budget engineering analysis was completed for the inlet and area of inlet influence. Discuss any proposals to update the sediment budget.



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Historical bypassing volumes: In the table below, provide the annual bypassing volumes (cubic yards/year), for the previous ten years (from the last calendar year or the most recent calculation). Attach additional documentation as needed.

Year	Quantity Bypassed (cy) - Sand Transfer Plant	Quantity Bypassed (cy) - Dredging	Dredge Location	Placement or Disposal Area
2012			N/A	
2013			N/A	
2014			N/A	
2015			N/A	
2016			N/A	
2017			N/A	
2018			N/A	
2019			N/A	
2020			N/A	
2021			N/A	
2022			N/A	
2023			N/A	
Total per method				

Total bypass volume:

Years since IMP adoption:

Annual average bypass:

Bypass objective:

Percentage of bypass objective:



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10. Increased bypassing and cost-effectiveness

Provide the estimated increase in annual bypassing of sand (cubic yards/year) proposed for the project:

N/A

Provide the estimated shortfall of annual bypassing of sand (cubic yards/year) within the inlet system:

N/A

Is the proposed project requesting construction phase funds for a major inlet management project component? No

If yes, and for the award of points for the cost-effectiveness of using inlet sand criteria, provide an opinion of probable cost per unit volume of the inlet and all other sand sources, certified by a licensed professional engineer.

11. Inlet Management Plans

Select all that apply:

- ☒ **Existing IMP:** The proposed project has an existing IMP or completed Inlet Management Study that has been approved by the Department.
- ☒ **Updated IMP:** The Department has received and approved an update to an existing IMP in the form of a current Inlet Management Study/sediment budget analysis within the previous five years, or there is an update proposed to an existing IMP in the current application.
- ☐ **New IMP:** A new inlet management study is proposed for submission to the Department for an adoption in an IMP.

12. Enhanced longevity of proximate beach nourishment projects

Annualized beach nourishment volume of proximate beach nourishment project:

N/A

13. Active permits

Does the project have an active state permit? Yes

Permit number: 0445206-001-BE, Brevard County

Authorization date: March 12, 2024

Expiration date: March 12, 2025

Does the project have an active federal permit? Yes

Permit number: SAJ-2024-00422 (NW-JDP), NWP-13

Authorization date: April 9, 2024

Expiration date: March 14, 2026



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14. Federal funds available

Does the proposed project have federal funds available? If so, provide supporting documentation.

No

15. Secured local funds

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.

Yes

In November 2023, the Sebastian Inlet Management Plan (IMP) was updated and adopted implementation strategies for future inlet management activities conducted by the Sebastian Inlet District.

Specifically, strategy 5 in the IMP reads:

The north and south jetties, which have been impacted by numerous recent major storms like Hurricanes Sandy, Matthew, Irma, Dorian, Ian, and Nichole as well as numerous northeasters, shall be repaired and maintained.

Consistent with the intent of the IMP Strategy 5, the requested funds will be used to sand tighten the north jetty to keep sand on the adjacent beaches.

Additional
comments

RESOLUTION NO. 07.10.24.02

**A RESOLUTION OF THE BOARD OF COMMISSIONERS OF
THE SEBASTIAN INLET DISTRICT, SUPPORTING PROPOSED SEBASTIAN
INLET SAND TRANSFER AND MONITORING PROJECTS AND COOPERATION
WITH FLORIDA'S BEACH MANAGEMENT PROGRAM**

BE IT HEREBY RESOLVED that the Board of Commissioners of the Sebastian Inlet District supports proposed Sebastian Inlet jetty maintenance projects, sand transfer projects, including dredging of the Inlet Sand Trap and channel, and post-construction monitoring, and providing local cost-share for a cooperative agreement with Florida's Beach Management Program.

BE IT ALSO RESOLVED that the Board of Commissioners of the Sebastian Inlet District authorizes Executive Director, James Gray, Jr. to apply to the Florida Department of Environmental Protection for cost-sharing for the fiscal year 2025-2026.

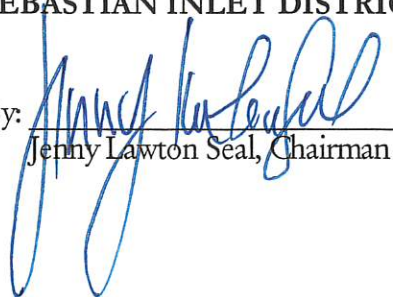
THIS RESOLUTION shall become effective on July 10, 2024.

Upon motion by Commissioner MITCHELL and second by Commissioner FRAZIER, the Board approved the Resolution as follows:

Lisa Frazier	<u>aye</u>
David Barney	<u>aye</u>
Beth Mitchell	<u>aye</u>
Jenny Lawton Seal	<u>aye</u>
Michael Rowland	<u>aye</u>

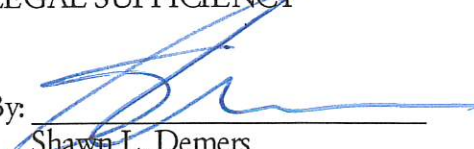
The Chair thereupon declared the resolution duly passed and adopted this 10th day of July 2024.

SEBASTIAN INLET DISTRICT

By: 

Jenny Lawton Seal, Chairman

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY

By: 

Shawn L. Demers

Attorney for Sebastian Inlet District