



# Flagler County Board of County Commissioners Workshop Agenda

**Monday, October 21, 2024 • 1:00 p.m.**

**Government Services Complex, 1769 E. Moody Blvd., Bldg 2, Board Chambers, Bunnell, FL 32110**

View the meeting broadcast live on cable television: Spectrum Channel 492

View the meeting streamed live on the County's YouTube Channel: [www.YouTube.com/FlaglerCounty](http://www.YouTube.com/FlaglerCounty)

1. Call to Order
2. Pledge to the Flag and Moment of Silence
3. Welcome: Flagler County Board Chair
4. Beach Management Plan Update
5. Airport Noise Abatement Update
6. Legislative Priorities Discussion
7. Other Items for Discussion as Needed
8. Public Comment: *This thirty-minute time period has been allocated for public comment. Each speaker will be allowed up to three (3) minutes to address the Commission. Speakers should approach the podium, identify themselves and direct comments to the Chair.*
9. Adjournment

While this is a workshop only and no decisions are expected to be made by any of the governmental bodies, if a person decides to appeal any matter that may be discussed for a future proceeding, a record of the workshop may be needed and, for such purposes, the person may need to ensure that a verbatim record of the workshop is made.

In accordance with the Americans with Disabilities Act, persons needing assistance to participate in this meeting should contact the (386) 313-4001 at least 48 hours prior to the meeting.



# Flagler County, FL Beach Management Plan

October 21, 2024  
Commission Workshop

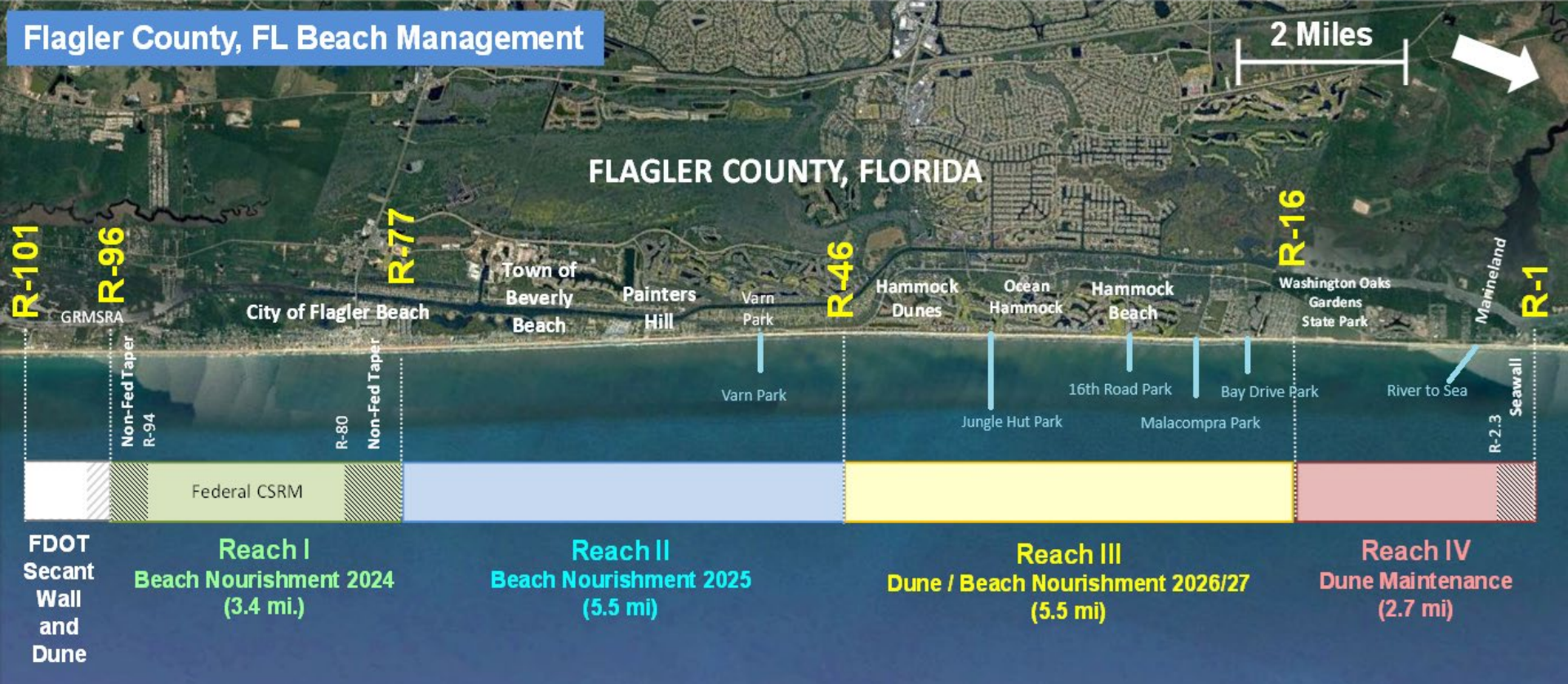
# Agenda



- Beach Management Plan Overview/Update
- Survey Results
- Local Funding Strategy
- Municipal Service Benefit Unit
- Questions and Answers



# Flagler County, FL Beach Management



**Beach Management Areas.** The location and extent of the four Flagler County beach management reaches are depicted in the figure above.



# Coastal Permit Modifications



## Reach #2 - Flagler County Beach/Dune Permit

- Currently includes dune and beach restoration work up to Beverly Beach
- Was modified to include dredging and extended to south of hardbottom (just N. of Varn Park)
- Scope and Proposal completed by Olsen Associates, Inc.
- Application Under Review with Estimated Approval by End of Year
- Funding Has Been Identified
- Construction to Begin Spring 2025

## Reach #3 - Flagler County Permit for beach nourishment where potential hardbottom exists

- Currently includes dune restoration work (landward of mean high-water line)
- To be modified to include beach restoration, hardbottom impacts and dredging
- Scope and Proposal currently being advertised
- Requires further Board Action & Funding
- Estimated time frame = 2-3 years

# Probable Cost Development

---

- Initial project volume along 11.6 miles is approximately 44, 25, or 16 cubic yards/foot (BMS, 2022) but actual fill density will be determined in the design and permitting phase.
- 10 acres of rock mitigation for hydraulic dredging approach (actual amount will be subject to engineering and permitting)
- Market conditions and similar projects
  - \$4,700,000 for dredge mob/demobilization \*\*
  - \$14-\$18 per cubic yard for sand placement by dredge \*\*
  - \$50 per cubic yard for offshore sand stockpiling and rehandling
- Planning, Design, Engineering, Construction (6% of construction cost)
- 10% Contingency
- Monitoring \$500,000 per year (northern 11.6 miles)

(\*\* consistent with 2023 USACE cost estimate)



# Beach Management Update



## Significant Work Performed Since June 2024

- Proposal and Presentation on MSBU/MSTU from PFM Consulting LLC
- Adjustments by County Staff to include Flood Inundation Maps
- Consideration of 4 Zone Countywide MSBU Concept (*Did Not Receive Support*)
- Consideration of the full Barrier Island MSBU with zone options (*Did Not Receive Support*)
- Community Outreach Program
  - Presentations to Property Owners (more than 10 town hall forums/meetings at field locations)
  - Conducted a Property Owner Survey
- Compile and Analyze Survey Data
- Examine the Creation of N10+ MSBU for the Unincorporated Barrier Island
- Requested Parallel 4x4 USACE Study (Needs Federal Appropriation)
- Selection of Coastal Engineering Services for Permitting & Design (11/4 Agenda)



# Community Outreach Summary

---



## Town Hall Forums/Meetings

- More than 10 Community Meetings Held with Approximately 415 Residents
- Meetings Held between the dates of August 20<sup>th</sup> and October 8<sup>th</sup>
- Overall Comments Received: Very Informative, Appreciative of the Information, Positive and Supportive.

## Property Owner Survey

- Survey Commenced September 27<sup>th</sup> and Concluded on October 13<sup>th</sup>
- Distributed to Property Owners via USPS, Email, and Printed Flyers
- Distributed to approximately 6,775 Parcels
- Received 807 Completed Surveys (12% participation)



The Flagler County Board of County Commissioners approved a Beach Management Plan intended to guide the County through beach and dune restoration and management needs along the 18 miles of Flagler County Atlantic Ocean shoreline for the next 50 years. The Plan identified beach and dune restoration and maintenance as the preferred approach to meet the County's long-term beach management objectives.

YOUR OPINION MATTERS!  
 WWW.FLAGLERCOUNTY.GOV/SURVEY  
 SURVEY CLOSES 10.13



Join us for **TOWN HALL MEETINGS** with County Administrator Heidi Petito

09.26  
 09.30  
 10.03

**5:30 PM**  
*at the* HAMMOCK  
 COMMUNITY  
 CENTER

## BEACH MANAGEMENT PLAN



### A VITAL ASSET

Flagler County's pristine beaches are a cornerstone of our community's quality of life, attracting visitors from around the world. But these beautiful beaches are susceptible to erosion from storms and natural interactions. To protect our coastline, Flagler County has been investing in beach and dunes projects since Hurricane Matthew in 2016.

#### Why Beach Nourishment is Important

- **Preserves natural beauty:** Healthy beaches protect our coastline's aesthetic appeal.
- **Protects infrastructure:** Dunes are a barrier, shielding our community from storm damage.
- **Supports economic vitality:** Beaches are a crucial aspect of our tourism industry.

#### Recent Projects and Future Plans

- **Completed projects:** Flagler County has successfully completed several projects along our coastline for beach nourishment and dunes restoration.
- **Ongoing efforts:** The county is working on Reach 2 currently and is planning for Reach 3.
- **Funding:** These projects are funded through a combination of federal, state, and local sources.

#### Community Involvement

To ensure the success of future beach nourishment efforts, Flagler County is seeking resident input. Your participation in our survey will help determine the best approach to funding these vital projects.

#### Consider Supporting an Assessment

Help ensure the long-term health and preservation of our beautiful coastline.

Healthy beaches absorb the brunt force of waves, wind, tides, currents, and storms allowing dunes to protect infrastructure.

### PREFERRED OPTION PROJECT SCOPE

Flagler County rebuilt 11.4 miles of sacrificial dunes within unincorporated Flagler County, completed in December 2023. They were built as an emergency barrier to protect the improved property along the coastline with funding from federal, state, and local sources.

In May 2024, the U.S. Army Corps of Engineers began to place over 1.3 million cubic yards of sand from offshore to create protective dunes and beaches within southern Flagler County and completed in August 2024.

Reach 2, currently under review with the FDEP, is expected to begin in March or April 2025. It will cover the limits between North 7th Street in Flagler Beach to just north of Varn Park, with funding identified from state and local funds at a cost of \$35 million.

Engineering services for design and permitting of Reach 3 are being evaluated, with an anticipated project start date in 2026/2027. The project limits will be just north of Varn Park and just south of Washington Oaks State Park, and has an estimated cost of \$40 million with \$17.5 anticipated in state funds and \$5 million in local funds.

A project has yet to be developed for Reach 4, which will cover from Washington Oaks State Park north to the county line. A balance of \$17.5 million will be needed for this project.

### FACT SHEET INFO LINK



### BEACH MANAGEMENT IMPLEMENTATION STRATEGIES

- Once the initial construction of dune and beach renourishment takes place, we will commence annual monitoring and begin the six year cycle of scheduled renourishment within the northern 11.4 miles of unincorporated Flagler County.
- The projected total of each future event cost is approximately \$56.8 million which will be split between state and local funds. Dividing this into an equivalent annual cost results in a cost of \$9.5 million per year, with \$1.3 million from the state and \$8.2 million from local funds.
- Of the \$9.2 million annual cost, Flagler County has set aside a total of \$5 million coming from tourist related taxes and the county's share of Small County 1/2 sales tax.

# Beach Renourishment SURVEY

ATTN: HAMMOCK  
PROPERTY OWNERS

## Statistical Validity and Awareness

**What proportion of the population needs to be interviewed to get results typical of the population with the level of confidence that you are willing to accept?**

- 604 – Ideal
- 807 - Received

**Are you aware of the current challenges Flagler County's beach faces?**

- 96% - Yes

## Sample size calculator

Confidence Level:

99% ▾

Population Size:

6775

Margin of Error:

5% ▾

Ideal Sample Size:

604



# Beach Renourishment SURVEY

ATTN: HAMMOCK  
PROPERTY OWNERS

**How important is beach preservation to your overall quality of life?**

- 90% - Very Important or Somewhat Important

**In your opinion, how urgent is the need for a structured beach management plan?**

- 93% - Very Urgent or Somewhat Urgent

**Which of the following beach management concerns do you think need the most attention?**

- 80% - Erosion Control, Dune and Beach Renourishment
- 62% - Storm preparation and recovery

# Beach Renourishment SURVEY

ATTN: HAMMOCK  
PROPERTY OWNERS

**How supportive would you be of contributing financially to a beach management assessment program?**

- 63% - Strongly Supportive or Somewhat Supportive

**What funding mechanism would you prefer for the beach management program?**

- 87% - Taxes from Tourism Related Revenues
- 76% - Taxes from Local Option ½ Cent Sales Tax
- 27% - Taxes from Ad Valorem Property Tax (dedicated millage)
- 20% - Annual Property Assessments (MSBU)

# Beach Renourishment SURVEY

ATTN: HAMMOCK  
PROPERTY OWNERS

## What do you believe would be a fair annual contribution per household for beach management ?

- 75% - Support a contribution
  - 23% - \$100 to \$150
  - 20% - \$151 to \$300
  - 23% - \$301 to \$500
  - 8% - \$501 or more
- 25% - Do not support a contribution



# Initial Construction Cost Summary

Segment	Initial Cost	Distribution of Initial Cost		
		USACE	State	Local
Reach 1 (Federal)	\$25,000,000	\$16,250,000	\$8,750,000	\$0
Reach 1 (Non-Federal)	\$4,900,000	\$0	\$4,900,000	\$0
Reach 2	\$35,000,000	\$0	\$35,000,000	\$0
Reach 3	\$40,000,000	\$0	\$2,500,000	\$37,500,000
Reach 4	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$104,900,000</b>	<b>\$16,250,000</b>	<b>\$51,150,000</b>	<b>\$37,500,000</b>

Segment	Initial Cost	Distribution of Construction Cost		
		USACE	State	Local
Incorporated Flagler	\$47,400,000	\$16,250,000	\$31,150,000	\$0
Unincorporated Flagler	\$57,500,000		\$20,000,000	<b>\$37,500,000</b>
Entire Coastline	\$104,900,000	\$16,250,000	\$51,150,000	\$37,500,000

Planning values only. All values subject to change following detailed engineering and permitting.



# Local Funding Strategy



## Initial Construction Cost = Approximately \$104,900,000

- Local Cost = Approximately \$37.5M
- Flagler County Grant Application & Program Funding Request FY2024 = \$15M +/-
- Local Funding FY25 = \$5M

- **Shortfall = \$17.5M**
- Based on Permit Modification Timeline this will be needed in 2-3 years for Construction of Reach #3

# Ongoing Maintenance Cost Summary (Total and EAC)

Segment	Future Event Cost	Distribution of Future Event Cost		
		USACE	State	Local
Incorporated Flagler	\$45,908,700	\$15,383,400	\$15,262,650	\$15,262,650
Unincorporated Flagler	\$56,861,700		\$7,570,950	<b>\$49,290,750</b>
Entire Coastline	\$102,770,400	\$15,383,400	\$22,833,600	\$64,553,400

Segment	Equivalent Annual Cost (EAC) (\$/year)			
	Maint. Cost	Distribution of Maintenance Cost		
		USACE	State	Local
Incorporated Flagler	\$7,651,450	\$2,563,900	\$2,543,775	\$2,543,775
Unincorporated Flagler	\$9,476,950		\$1,261,825	<b>\$8,215,125</b>
Entire Coastline	\$17,128,400	\$2,563,900	\$3,805,600	\$10,758,900

Planning values only, based on 6-year project intervals.

All values subject to change following detailed engineering and permitting.



# Local Funding Strategy and Update



## Preferred Approach for Ongoing Maintenance

- Renourishment every 6 years
- Potential eligibility from FDEP approximately 13%
- Local Share Approximately \$8.2M Annually (N 10+ miles Unincorporated Flagler)
- Local Funding Identified = \$5M Annually

- **Shortfall = \$3.2M Annually for Ongoing Maintenance**



# Public Access Parks (N10+ Miles)

State & County Beachfront Parks	
Washington Oaks Garden State Park	4,027
River to Sea Preserve	2,290
Bay Drive Park	549
Malacompra Park	4,208
16th Road / Old Salt Park	82
Jungle Hut Park	196
Varn Park	1,409
Total Linear Feet	12,761
<b>Total Miles</b>	<b>2.416</b>
Percentage of Project	20.80%
<b>Public Cost of Project (Estimate)</b>	<b>\$1.7M</b>



# Potential Funding Opportunities



## Construction/Regular Periodic Maintenance

- Tourist Development Tax
- Special Assessment (Municipal Service Benefit Unit)
- Other Sources of General Revenue (Local Option Sales Tax and/or Dedicated Millage)
- Bond

## Supplemental Disaster Recovery

- FEMA Post-Disaster Public Assistance Funding
- Public Law 84-99, Emergency Response to Natural Disasters

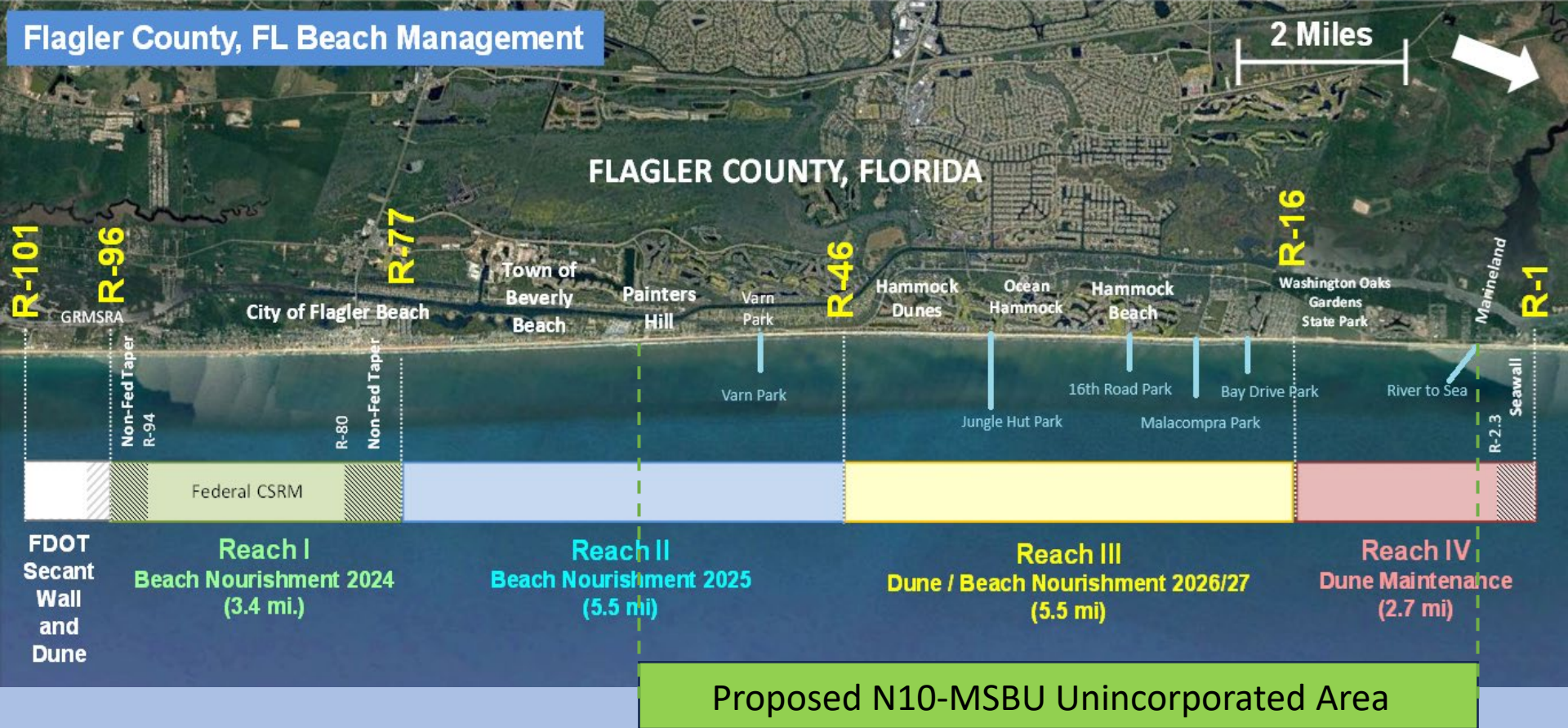
# Potential Funding Opportunities

Annual Maintenance Cost / Revenue & Expenditures	
Unincorporated Flagler (Local Share Required)	(\$8,215,125)
Tourist Development Tax	\$2,000,000
Small County 1/2 Cent Sales Tax (No Increase in Taxes)	\$3,000,000
<b>Funding Gap</b>	<b>(\$3,215,125)</b>
<b>Proposed Additional Funding</b>	
Ad Valorem Property Tax (0.1 mill Reallocation)-(No millage increase)	\$1,500,000
Annual Property Assessment (MSBU)	\$1,715,125

- **Unincorporated MSBU**
  - Number of Parcels = 6364
  - Assessment
    - 50% - Base Rate per Parcel/Benefit Received
    - 50% - Property Value Protection/Weighted based on the Property's Assessed Value



# Flagler County, FL Beach Management



**Proposed N10-MSBU Unincorporated Area** extends north of the Town of Beverly Beach to just south of the Town of Marineland.



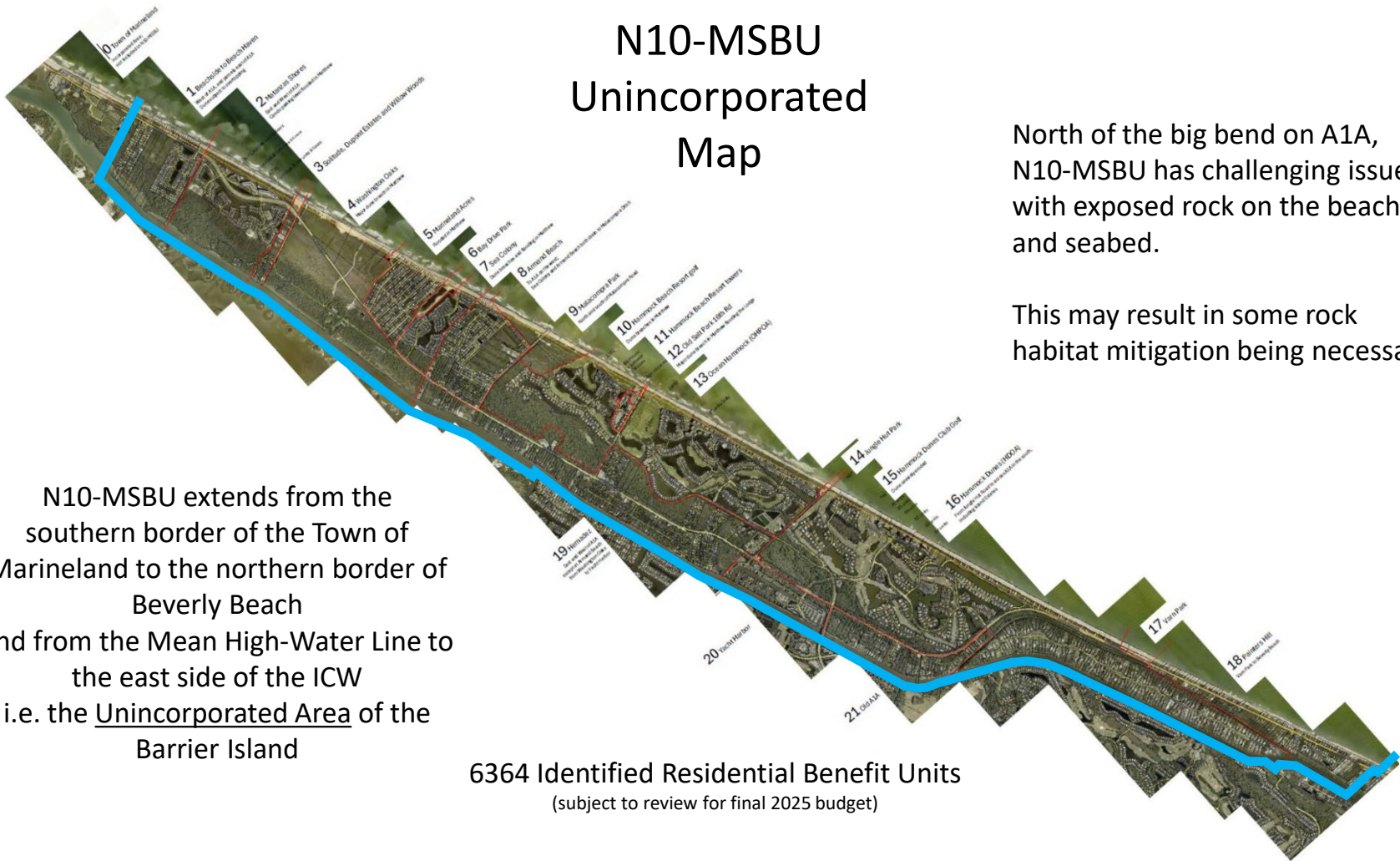
# N10-MSBU Unincorporated Map

North of the big bend on A1A,  
N10-MSBU has challenging issues  
with exposed rock on the beach  
and seabed.

This may result in some rock  
habitat mitigation being necessary

N10-MSBU extends from the  
southern border of the Town of  
Marineland to the northern border of  
Beverly Beach  
and from the Mean High-Water Line to  
the east side of the ICW  
i.e. the Unincorporated Area of the  
Barrier Island

6364 Identified Residential Benefit Units  
(subject to review for final 2025 budget)



# N10 – MSBU Benefit Analysis

---

## Benefits to Local Property

The benefits received from the Beach and Dune Renourishment (Project) may be defined as the project cost itself

*“the power of taxation...must be exercised only for the public necessity or convenience. The budgetary [Project cost] requirements would be the measure of the value or benefit which is to be apportioned among the properties benefited. Thus, the benefit, as defined by the Project cost, is between \$8.8 and \$10.0 million per year<sup>1</sup>.*

1. Fire District No. 1 of Polk County v. Jenkins 221 So. 2d 740 (Fla. 1969)



# Benefit Analysis Details

- Provides Property Value Protection
- Provides Coastal Protection
  - Compound Flood Risk
  - Structural Damage Risk
- Improved Recreational Capacity
- Beach Environment and Wildlife Habitat Protection



# Assessment Benefit Area



- The assessment benefit area encompasses properties located from the southern border of the Town of Marineland to the northern border of the Town of Beverly Beach, and from the Mean High-Water Line to the east side of the Intracoastal Waterway (ICW), i.e., the Unincorporated Area of the Barrier Island
- Criteria for inclusion include any parcels located within the Unincorporated Area of the Barrier Island that has an assessed value, property use (residential, commercial, vacant, improved, etc.), and the benefit received.

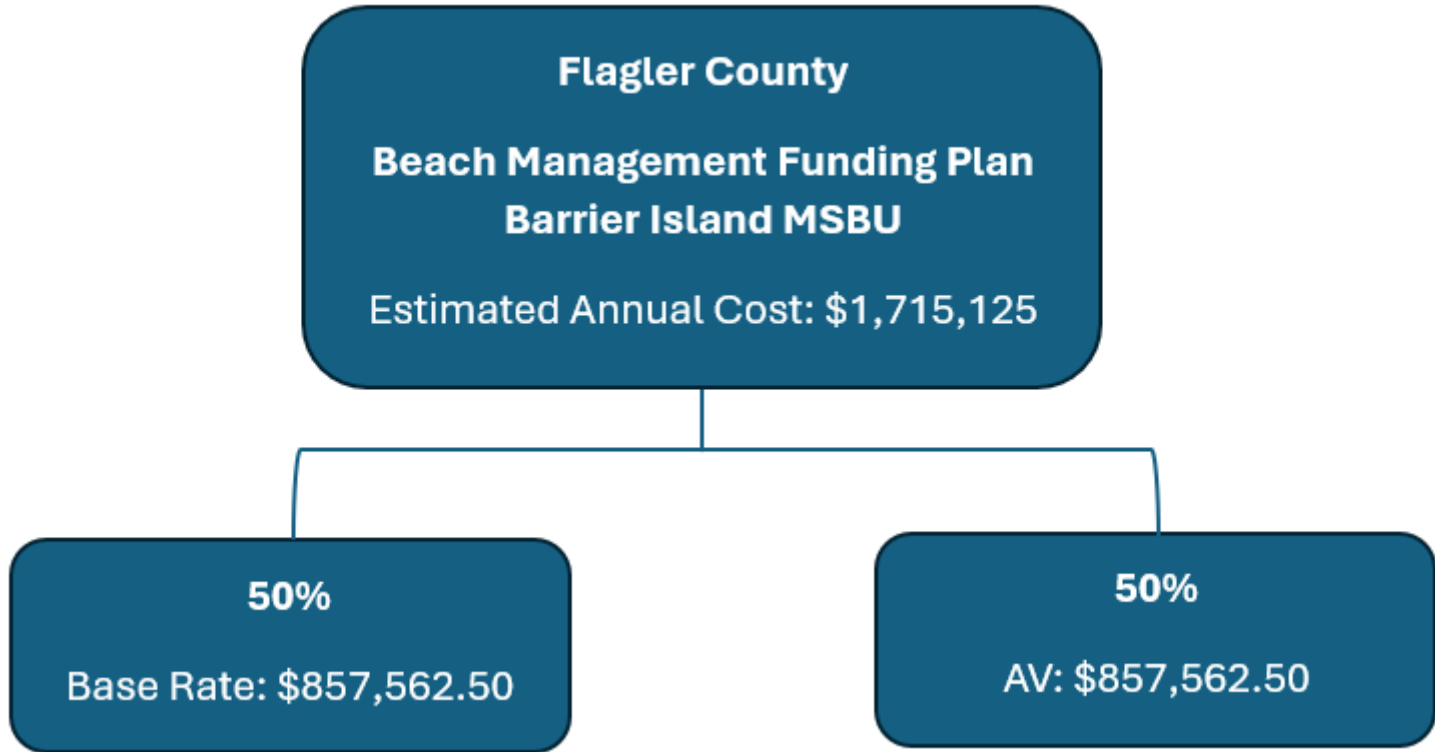


# Assessment Methodology



- **Property Value:** Properties with higher assessed values will pay more.
- **Location on the Barrier Island:** Properties closer to the beach will likely have higher assessments due to their assessed values.
- **Benefit Received:** A flat base rate will be applied to every property for the specific benefits each property receives from the program.
- **Assignment of Weighting to Benefit Categories:** 50% Property Value Protection (based on assessed value); and 50% for other benefit categories (base rate)

# Flagler County – Barrier Island Assessment with Value Component



Assessments Group by Cost			
Assessment Range	# of parcels	% of parcels	Avg AV
\$134 - \$150	212	3%	\$ 30,476
\$151 - \$300	4511	71%	\$ 310,058
\$301 - \$500	1379	22%	\$ 637,881
> \$501	262	4%	\$ 1,321,584
<b>Total Parcels</b>	<b>6364</b>	<b>100%</b>	

Assessments by Assessed Value (AV) Examples	
Parcel AV	Assessment Amount
\$100,000	\$162.43
\$200,000	\$190.16
\$300,000	\$217.91
\$400,000	\$245.71
<b>\$407,264</b>	<b>\$247.69</b>
\$500,000	\$273.65
\$600,000	\$301.45
\$700,000	\$329.16
\$800,000	\$356.83
\$900,000	\$384.67
\$1,000,000	\$412.33
\$1,500,000	\$551.42
\$2,000,000	\$691.19
\$3,000,000	\$973.07



Flagler County – Barrier Island Assessment with Value Component

## Flagler County – Barrier Island Beach Management Funding with N10+ MSBU

Countywide Funds	Total for BMP	\$ From N10 MSBU Area	Supporting Benefit Received	Legal Authority
Tourist Tax	\$ 2,000,000	\$ 1,300,000	Environmental/Recreation	F.S. 125.0104
½ cent sales tax	\$ 3,000,000	\$ 600,000	Infrastructure/Beach Renourishment	F.S.212.055(3)
0.1 Mil allocation	\$ 1,500,000	\$ 300,000	Park System/Public Access	General Fund
<b>Total</b>	<b>\$ 6,500,000</b>	<b>\$ 2,200,000</b>		
N10-MSBU Assessments			Environmental/Recreational	
Base Amt./Parcel/Year	\$ 857,562	50% of \$1.7M	Flood/Structural Risk	F.S. 125.01 (1)(q)
Ad Valorem Amount	\$ 857,562	50% of \$1.7M	Property Value Risk	F.S. 125.01 (1)(q)
<b>Total</b>	<b>\$ 1,715,125</b>	<b>\$ 1,715,125</b>		
<b>Grand Total for MSBU</b>	<b>\$ 8,215,125</b>	<b>\$ 3,915,125</b>	48% paid by N10 Area	





# N10-MSBU formed under F.S. 125.01 with Flagler County Governance

(based on Perpetual Easement assignment to the County or formed under some other combination of Authorities) for collection of revenue and for spending of funds which must have consistency with Federal, State, and Local Acts, Statutes, and Regulatory Procedures for:

Routine Maintenance - Permitting, Grant Eligibility, Dredged Sand Use Compliance (BOEM), Biologic Monitoring, Endangered Species Compliance, a mixture of reaches including USACE, State and Local funding, etc.; and for

Emergency Declaration Repair – Permitting, Grant Eligibility, Dredged & Upland Sand Use Compliance, consistent with FEMA, FDEP and FDEM.

## Applicable Acts, Statutes, and Regulatory Procedures:

Clean Water Act	FEMA Category B	FDEP Joint Coastal Permit (JCP)
Endangered Species Act	FEMA Category G	FDEP Emergency Permits
Magnusen Stevens	FEMA Hazard Mitigation	ECL for State Land Trust Compliance
Florida 125.01	Stafford Act	USACE Permit to MHHWL
Florida 197		
Florida Inland Navigation District		
USACE Navigable Waters Act		(partial listing)

<b>Scenario 1</b> <b>(Grant Funding is at \$15 M)</b>	<b>Reach 3: Initial Construction Phase estimated cost of \$57,500,000</b>	
	1. Reach 3: Initial Construction Phase Cost	\$ (57,500,000)
	2. State Contribution	\$ 20,000,000
	3. Flagler County Grant Application & Program Funding Request FY2024	\$ 15,000,000
	4. FY25 County Funding	\$ 5,000,000
	5. Funding Gap before MSBU and FY26 & FY27 County contribution	\$ (17,500,000)
	6. Proposed MSBU collections FY26 and FY27 would generate	\$ 3,430,250
	7. Proposed 0.1 mill reallocation (No millage increase) FY26 and FY27	\$ 3,000,000
	8. County Contribution for FY26 and FY27	\$ 10,000,000
	<b>9. Forecasted Gap</b>	<b>\$ (1,069,750)</b>

<b>Scenario 2</b>	<b>Unincorporated Ongoing Maintenance over Six Years is Estimated at \$56,861,700</b>	
	<b>Annual Maintenance Estimated Cost (EAC)</b>	<b>\$ (9,476,950)</b>
	1. State Share	\$ 1,261,825
	2. Unincorporated Flagler (Local Share required)	\$ (8,215,125)
	3. Tourist Development Tax	\$ 2,000,000
	4. Small County 1/2 Cent Sales Tax (No increase in taxes)	\$ 3,000,000
	5. Funding Gap	\$ (3,215,125)
	6. Proposed 0.1 mill reallocation recommendation (No mileage increase)	\$ 1,500,000
	7. Proposed MSBU collections would generate.	\$ 1,715,125
	<b>8. Forecasted Gap</b>	<b>\$ -</b>

- Potential Eligibility for State Grant Funding
- Potential Opportunities for additional USACE participation
- Will likely need additional funding for Local Share of Disaster Recovery
- Delayed approval will compound the financial issue and risk



# Next Steps/Timeline



- County Commission Meeting November 4<sup>th</sup> (Consideration and Approval of Concept)
- Legal Review (Rational Nexus Test)
- Creation and Adoption of MSBU Ordinance
- Notification to the State Department of Revenue (December 2024)
- Notice to Taxpayers – Maximum Assessment on \$1.7M benefit received
- Include in FY2025/2026 Budget Process (Finalization August/September 2025)
- Begin Collection of MSBU Revenues (November 2025)
- Continue Discussions with Other Municipalities (Upcoming Joint Workshop)

# Questions & Answers



Heidi Petito, Flagler County: [hpetito@flaglercounty.gov](mailto:hpetito@flaglercounty.gov)

Jorge Salinas, Flagler County: [jsalinas@flaglercounty.gov](mailto:jsalinas@flaglercounty.gov)





# Flagler County Beach Renourishment

Updated 9/10/2024



FLAGLER  
COUNTY  
FLORIDA



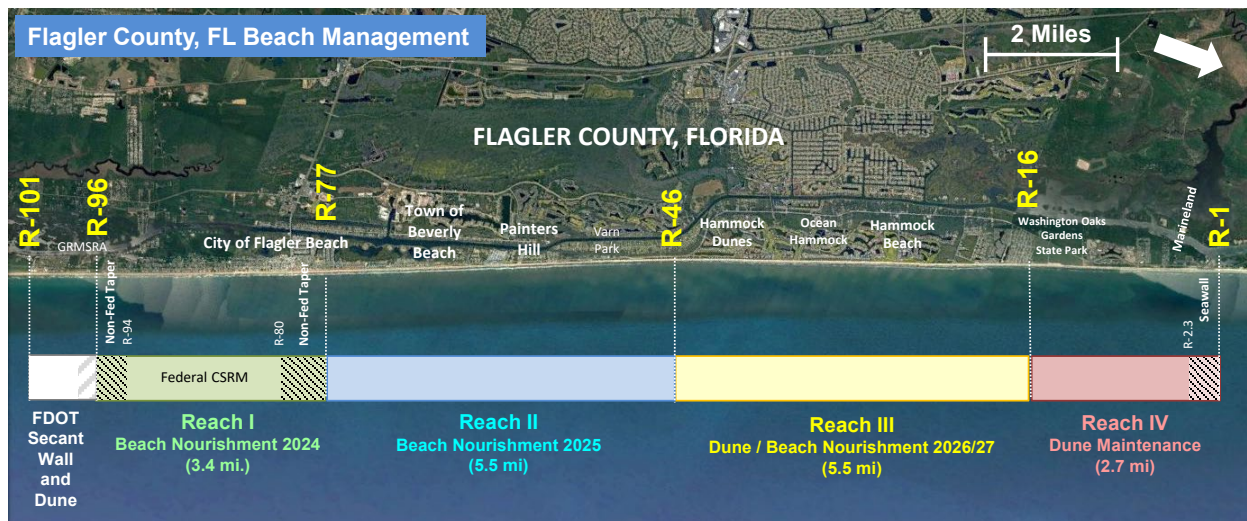
# Flagler County Beach Management Program Implementation

## Fact Sheet

In 2021, the Flagler County Board of County Commissioners approved a Beach Management Plan that is intended to guide the County through beach and dune restoration and management needs along the 18 miles of Flagler County Atlantic Ocean shoreline for the next 50 years. The Plan identified beach and dune restoration and maintenance as the preferred approach to meet the County’s long-term beach management objectives.

As part of the Plan, the County has identified four (4) beach and dune nourishment reaches along which restoration and management efforts will be pursued. The reaches were identified considering physical characteristics of the beach and dune, funding opportunities that vary between reaches and environmental conditions. The four beach management reaches are:

**Beach Management Areas.** The location and extent of the four Flagler County beach management reaches are depicted in the figure below.



The reaches were selected with consideration of existing and planned project needs, schedule, and regulatory constraints. The implementation plan for each reach is described below.

# Reach I

## **Project Description:**

Reach I is in the City of Flagler Beach coastline between Gamble Rogers Park (R-96) and North 7<sup>th</sup> Street (R-77) and consists of federal and non-federal segments. The US Army Corps of Engineers (USACE) federal segment between FDEP monuments R-80 (~6th Street South) and R-94 (~ 28th Street South) is a designated Federal Coastal Storm Risk Management (CSRМ) project eligible for a share of federal funds for initial construction costs, long term maintenance costs, and replacement in the case of a declared disaster. The non-federal segments are located on the south and north sides of the federal segment from Gamble Rogers Park to 28<sup>th</sup> Street South and from 6th Street South to North 7th Street, respectively, which augment the beach and dune nourishment improvements. The southern portion of the County from R-96 to R-101 (Volusia County line), the area along which FDOT is currently building the Secant wall, may be included in the next re-nourishment of Reach I or during Reach II construction, pending funding.

Reach I beach and dune nourishment implementation by offshore dredging to place with approximately 1.7 million cubic yards of sand along approximately 3.4 miles of the shoreline.

## **Project Funding and Costs:**

Federal Segment initial and long-term costs, funding shares and sources as follows,

- Initial Construction Costs: \$25 million at 65% USACE share and 35% FDOT/FDEP share
- Projected long-term Maintenance Costs for the entire Reach I: \$5,127,800 per year with the following cost sharing: 50% (\$2,563,900) USACE share, and 25% (\$1,281,950) FDEP share, and 25% (\$1,281,950) Local share
- The Federal Segment will be eligible for 100% FCCE Restoration Funding following a declared disaster.

Non-Federal Segments initial and long-term costs, funding shares and sources as follows,

- Permitting/Design Costs: \$1 million at 100% paid by FDOT
- Initial Construction Costs: \$3.9 million at 100% paid by FDOT/FDEP
- Projected long-term Maintenance Costs: see above long-term Maintenance Costs.

## **Project Construction Schedule:**

Beach/Dune construction completed August 30, 2024. Installation of dune vegetation, rope and posts, sand fencing, and signage to be completed by Fall 2024.

**Challenges:** Monitoring and protection of marine habitats during construction phase to avoid and minimize impacts.

## Reach II

### **Project Description:**

Reach II includes the northern coastline City of Flagler Beach, Town of Beverly Beach, Painters Hill, and Varn Park between North 7<sup>th</sup> Street (R-77) and a point about 1,900 feet north of Varn Park. Flagler County is currently seeking to modify existing FDEP and USACE permits to allow for comprehensive beach and dune restoration along the entirety of Reach II.

The initial beach and dune restoration construction project along Reach II will be by dredge from an offshore sand source and consist of 1,800,000 cy along 5.5 miles of shoreline.

Future maintenance of Reach II may include sand placement along sand tapers north and south of the USACE project and in front of the FDOT Secant Wall north of the Volusia County line.

### **Project Construction Schedule:**

The County intends to construct the Reach II in Spring 2025.

### **Project Funding and Cost:**

Initial and long-term costs, funding shares and sources as follows,

- Permitting/Design Costs: \$1 million at 100% FDEP (Post-Ian/Nicole Grant)
- Initial Construction Costs: \$32 million FDEP (Post-Ian/Nicole Grant) with anticipated funding share of \$5 million from FEMA.
- Projected long-term Maintenance Costs: \$5,047,300 per year at 50% FDEP and 50% Local share

Reach II will be eligible for 87.5 % FEMA/FDEM Public Assistance (Cat G) following a declared disaster. Additionally, funding for this beach nourishment project is being sought through the FEMA Hazard Mitigation Grant Program which would provide savings of the FDEP funds in Reach II that could be applied to Reach III.

### **Challenges:**

About 8,000 feet of Reach II shoreline currently is not classified by FDEP as Critically Eroded. This will impact FDEP funding eligibility for Reach II. Flagler County has requested re-review of eligibility by FDEP.

## Reach III

### **Project Description:**

Reach III is in north-central Flagler County along the Hammock Dunes, Ocean Hammock, Hammock Beach, and Sea Colony shorelines between point about 1,900 feet north of Varn Park (R-46) and the southern limit of Washington Oaks Gardens State Park (R-16). Flagler County is seeking FDEP and USACE permits to allow for comprehensive beach and dune restoration along the entirety of Reach III. Reach III is 5.5 miles in length.

The scope of the comprehensive beach and dune restoration will be determined through detail design engineering analyses and permitting planned for 2025 - 2026.

### **Project Construction Schedule:**

The County intends to construct the Reach III in 2026/2027 depending on permitting review.

### **Project Funding and Cost:**

Initial and long-term costs, funding shares and sources as follows,

- Permitting/Design Estimated Costs: \$1.5 million at 100% FDEP (Post-Ian/Nicole Grant)
- Initial Construction Costs: \$40 million – Funding of approximately \$15 Million in FDEP grants are pending.
- Projected long-term Maintenance Costs: \$5,659,700 year at 100% Flagler County

Reach III will be eligible for 87.5% FEMA/FDEM Public Assistance (Cat G) following a declared disaster.

### **Challenges:**

- There is widespread nearshore beach rock along this entire reach. The presence and extent of the beach rock is expected to limit the project scope and make permit acquisition difficult.
- The most likely sand sources for beach and dune restoration along Reach III will be upland commercial mines and/or offshore sand in Federal waters. The use of offshore sand will likely require construction of a sand stockpile and movement of the sand to Reach III by truck. Both sand sources will be more expensive than the offshore sand sources used for Reach I and II.
- There is no allowance for hardbottom mitigation costs in this projection.

## Reach IV

### **Project Description:**

Reach IV is in northern Flagler County along the Washington Oaks Gardens State Park, Matanzas Shore, and Marine Land shoreline between the southern limit of Washington Oaks Gardens State Park (R-16) and the St. Johns County line (R-1). Flagler County currently holds FDEP and USACE permits that allow restoration and maintenance of the dune from R-2.3, south of the revetment/seawall at Marineland along this reach of the County. Reach IV is 2.5 miles in length.

The dune along Reach IV was restored in 2023 following Hurricanes Ian and Nicole. Because of the widespread beach and nearshore coquina rock along Reach IV, only dune restoration and maintenance are feasible.

### **Project Construction Schedule:**

- The County intends to maintain the dune on an as needed basis.
- The most likely need for future dune maintenance will be following severe storm events.

### **Project Funding and Cost:**

- Projected long-term Maintenance Costs: \$1,293,600 would be needed for dune restoration after major storm events with funding provided by FDEP, FEMA, and Flagler County.
- Reach IV is eligible for 87.5% FEMA/FDEM Public Assistance (Cat B/Cat G) following declared disaster.

### **Challenges:**

- Maintenance of dune will continue to be difficult due to limited access and presence of beach rock.





## Beach Management and Funding Survey

Survey Results  
FINAL

10/19/2024

**How frequently do you visit the beach in Flagler County?**

Daily	36% (290)
Weekly	32% (262)
Monthly	18% (146)
Rarely	12% (99)
Never	1% (10)

**What are your primary reasons for visiting the beach?**

Recreation (swimming, sunbathing, etc.)	51% (412)
Exercise (walking, jogging, etc.)	82% (665)
Social activities (gathering with friends, events)	32% (262)
Environmental appreciation (birdwatching, marine life observation)	55% (441)

**How important is beach preservation to your overall quality of life?**

Very important	79% (639)
Somewhat important	11% (92)
Neutral	6% (45)
Not very important	2% (15)
Not important at all	2% (16)

**Are you aware of the current challenges Flagler County's beach faces? (e.g., erosion, storm damage)**

Yes	96% (778)
No	1% (8)
Unsure	3% (21)

**In your opinion, how urgent is the need for a structured beach management plan?**

Very urgent	70% (561)
Somewhat urgent	23% (183)
Not urgent	5% (44)
Unsure	2% (19)

**Which of the following beach management concerns do you think need the most attention?**

Erosion control	80% (647)
Dune and Beach restoration	80% (649)
Storm preparation and recovery	62% (497)
Public beach access maintenance	7% (59)
Wildlife protection	19% (156)
Litter and pollution management	11% (85)

**How supportive would you be of contributing financially to a beach management assessment program?**

Strongly supportive	34% (276)
Somewhat supportive	29% (230)
Neutral	14% (117)
Somewhat opposed	9% (69)
Strongly opposed	14% (115)

**What funding mechanism would you prefer for the beach management program?**

Annual property assessments (MSBU)	20% (165)
Taxes from Local Option ½ Cent Sales Tax	76% (611)
Taxes from tourism-related revenue	87% (700)
Taxes from Ad valorem property Tax (dedicated millage)	27% (220)

**What do you believe would be a fair annual contribution per household for beach management?**

\$100-\$150	23% (189)
\$151-\$300	20% (165)
\$301-\$500	23% (187)
\$501 or more	8% (68)
I do not support a contribution	25% (198)

**How long have you lived on the barrier island?**

Less than 1 year	5% (42)
1-5 years	33% (264)
6-10 years	21% (171)
Over 10 years	41% (330)

**Are you a full-time resident of the island?**

Yes	75% (602)
No, I'm a part-time resident	25% (205)







Dear Flagler County Board of County Commissioners:

Pursuant to the Flagler County Board of County Commissioner's (BOCC) approval of the Beach Management Plan in 2021, and Flagler County's current dune renourishment program and funding initiative as presented to the Hammock Dunes owners during a community town hall event on October 8, 2024, the Hammock Dunes Owners' Association (HDOA) Board of Administrators supports Flagler County's efforts to address a local funding source. HDOA recognized that along with Administrative Management of the shoreline by Flagler County, there is an immediate need to raise local revenue.

Specifically identified in the project description as presented during the Hammock Dunes community town hall, Reach III is of critical importance since that location encompasses 95% of the Hammock Dunes community. Initial and long-term funding is a necessity to fund the county's beach management objectives for this location.

HDOA and the County have remained in a state of emergency since Hurricane Matthew and have collaborated on two emergency repair projects of the dune. Further, HDOA has completed three partial repairs independently. The HDOA has invested more than \$5 million in restoration projects, permits, and consulting services since Hurricane Matthew.

The State, Flagler County, HDOA, and all shoreline property owners must continue to work together to accomplish a full restoration to pre-Matthew conditions, for the public interest of all entities and stakeholders. The HDOA is confident in the leadership provided by the Flagler County BOCC and County Administrator and hereby supports the local funding process and initiative.

Respectfully,

Greg Davis, President

Hammock Dunes Owners' Association, Inc.



1

Noise Abatement Portal

The Noise Abatement Portal was created to enable community residents to submit a report about aircraft related noise events. Upon receipt of a report, the Noise Abatement staff will initiate an investigation into the event and provide a response (if requested).

**The more information you can provide the better we can respond to your concern. \* denotes a required field, and if not completed your comment may not be processed.**

**Your Information** ▾

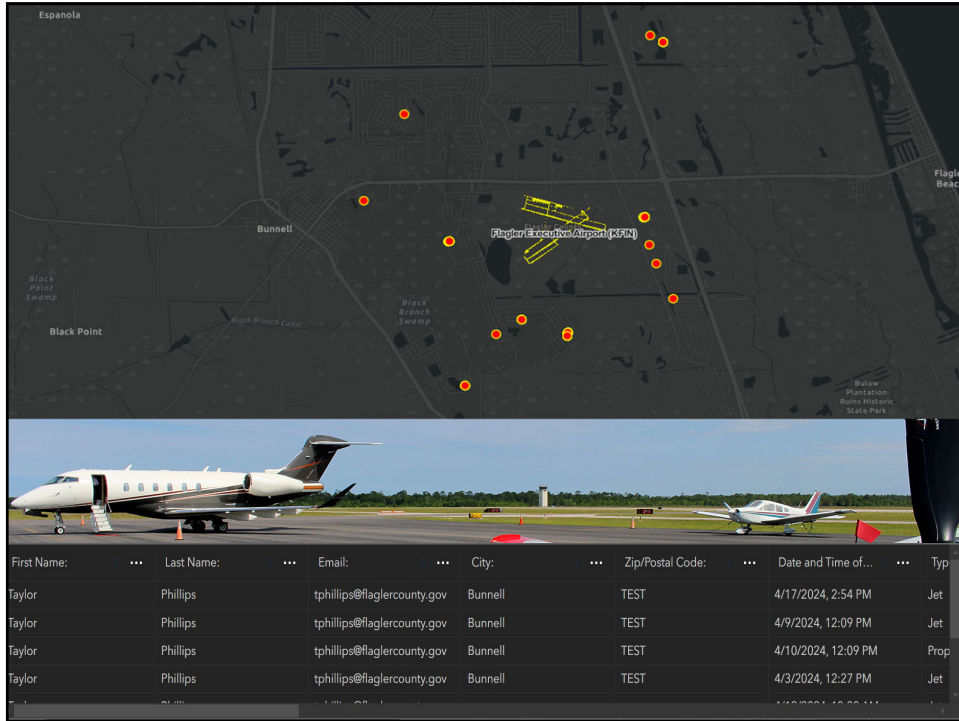
First Name:\*

Last Name:\*

Phone\*

Email:\*

2



3

## Noise Portal Findings

- Noise Portal was opened on June 3, 2024
- Noise Portal was closed on October 2, 2024
  - Portal was open for approximately 4 months
- There were a total of 3,095 submissions
  - The submissions were from a total of 12 residents
  - Three of the twelve residents submitted 3,022 of the complaints (98%)
  - From the remaining 73 submissions, 46 submissions were from one resident that lives further away from the airport.
  - 2,521 were classified as unfounded (81.5%)
  - 574 were classified as requiring additional investigation (18.5%)

4

## Noise Abatement Submissions

	First Name	Number of Submissions
1	Anna	1
2	Armelle	1422
3	Bill	1
4	Bruce	15
5	Bryan	2
6	Darlene	44
7	Eusebio	1
8	Greg	564
9	Kelly	7
10	Marshall	1
11	Michelle	1036
12	Zach	1
	<b>Grand Total</b>	<b>3095</b>

12 Residents Submitted	<b>3 Residents Submitted</b>
	98%

5

## Noise Portal Findings (cont.)

- Every form submission provided an option to either request to be contact through email, phone or opted not to be contacted.
  - Airport staff did not respond to every portal submission given that the majority of submissions were from the same three residents.
- Transgressions involving flight schools were called and reminded of our Voluntary Noise Abatement procedures.

6



## Comments from Residents

"Back to back constant noise for the past 30 minutes of planes coming across Utica & Utide"

"I am wondering, what the actual point of the touch and go program is. I am 73 years young and wonder why your aircraft traffic controllers must choose the route each morning where you fly directly over our homes. When do you take our health into this?"

"Directly over my home. For every single day this is not diverted, you will receive a new complaint. They wake me up every day it is not raining and from 7:06 until this email at 8:25 am, I've counted 24 flights directly over my home."

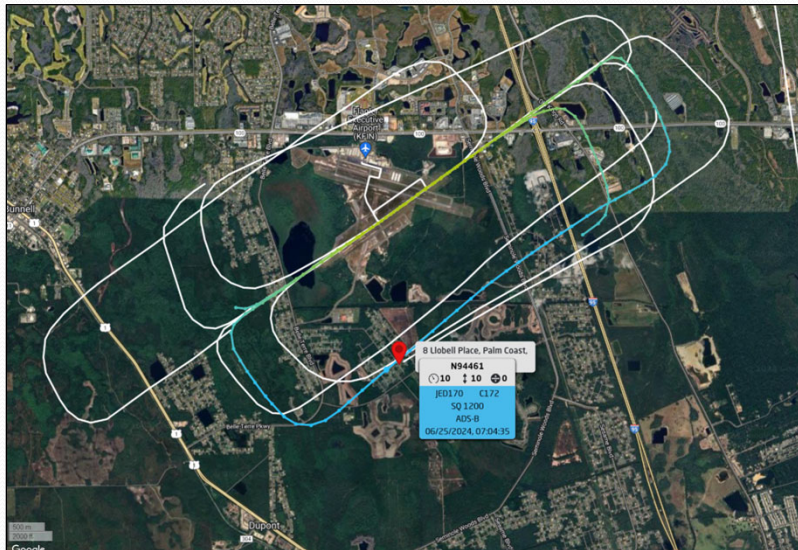
"This is such a nuisance with this training schools. This needs to stop and they need to respect homes and taxpayers"

"U and Z Sections of Palm Coast. Plane Reg. N459ER (ERU459). Frequent turns over both the areas with extreme, frequent noise over takeoff area in Z section (see map)."

"I do not think there is a problem with aircraft noise. I'm sure there is a disgruntle few residents that would complain about anything! They knew they were moving close to an airport or should have. No change needed. The noise from I95 is 5xs more."

7

## VirTower Screenshot



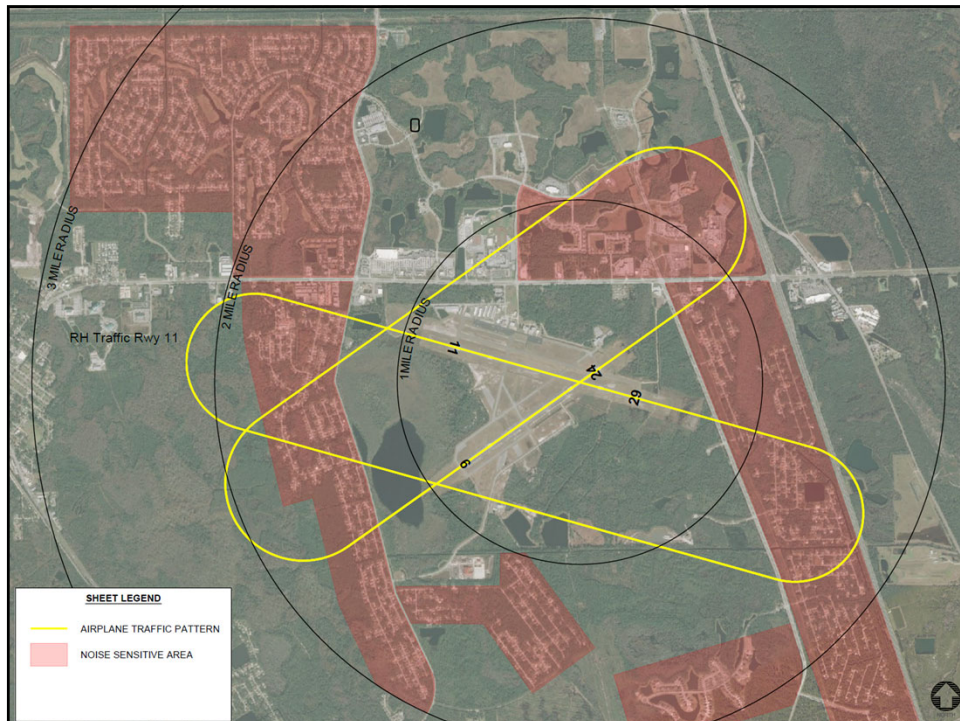
8



## Summary of Findings

- Based on the data collected, this tool was determined to be ineffective.
- Some residents used the tool inappropriately (i.e. foul language, harassment and threats).
- Ten residents out of the total number of residents that live close to the airport submitted calls.
  - Three of the ten residents submitted 98% of the calls.
- As of 2019, there were 4,298 total lots with structures within 2.5 miles of the airport, which equates to .0023% of the residents that have complained about aircraft noise.
- Transgressions were followed up as appropriate.

9



10

# Updated FAA Chart Supplement



Chart Supplement Updated to alert pilots of Voluntary Noise Abatement Procedures in effect at KFIN.

154 FLORIDA

**PALM COAST**  
**FLAGLER EXEC** (FINIKFIN) 6 S UTC-5(-4DT) N29°27.91' W81°12.46' JACKSONVILLE  
 H-BK L-210, 240  
 IAP, AD

33 B NOTAM FILE FIN  
**RWY 11-29:** H500X100 (ASPH-GRVD) S-60 PCN 27 F/A/W/T MIRL  
**RWY 11:** REIL PAPI(P4L)—GA 3.0° TCH 40'; Trees.  
**RWY 29:** REIL PAPI(P4L)—GA 3.0° TCH 40'; Trees.  
**RWY 06-24:** H500X100 (ASPH-GRVD) S-60 PCN 19 F/B/Y/T MIRL  
**RWY 06:** REIL PAPI(P4L)—GA 3.0° TCH 41'; Trees.  
**RWY 24:** REIL PAPI(P4L)—GA 3.0° TCH 40'; Trees.  
**SERVICE:** 54 FUEL 100LL JET A LBT When ATCT clsd, actv REIL 6, 11, 24 and 29; PAPI Rwy 06, 24, Rwy 11 and 29; MIRL Rwy 06-24 and 11-29—CTAF.

**NOISE:** Noise abatement procs in effect, voluntary restraint from TGL ops  
 0300-1200Z; Noise sensitive areas, all quads of apt.

**AIRPORT REMARKS:** Attended Mon-Sat 1200-2300Z; Sun 1300-2000Z.  
 For Jet A fuel after hrs call 386-313-4220 24 hrs in advance. Fuel not avbl at lake. Twy B bdn Twy A1 and Twy D clsd to fixed wing act. Hel ops conducted w/ apt bndry 500 ft or low unles dictd by ATC; hel ops Rwy 06 and 29 left ttc; hel ops Rwy 11 and 24 right ttc. Rwy 06 unlight obstrns in apch; 1080 ft trees bfr AER. Rwy 24 unlight obstrns in apch; 1080 ft trees bfr AER. Rwy 11 dsgrd calm wind rwy for arms and dsps 0300-1100Z.

**AIRPORT MANAGER:** (386) 313-4220  
**WEATHER DATA SOURCES:** AWOS-3 128.325 (386) 437-7334.  
**COMMUNICATIONS:** CTAF 118.95 ATIS 128.325 UNICOM 123.0  
 © EASTON APP/REP COB 125.8  
**TOWER:** 118.95 (1100-0100Z) QND COM 121.75 CLNC DEL 121.75  
**CLEARANCE DELIVERY PHONE:** For CD or to call IFR when ATCT is clsd ctc dab Apch at 386-226-3939.  
**AIRSPACE:** CLASS D svc 1100-0100Z; other times CLASS G.

11

## Next Steps...

- Staff to continue to monitor air traffic and transgressions.
- Continue to educate pilots and flights schools regarding our Voluntary Noise Abatement procedures.
- Deploying a new Website (2025).
- Update Airport Master Plan to include new noise contours map (Mid 2025).
- Conduct lead test on airport property (2025).

12



13





# *Legislative Priorities*

**2025**





# SUGGESTED STATE POLICY PRIORITIES

Flagler County

---







- CONTINUE SUPPORT for the State of Florida Transportation Disadvantaged Program.
- CONTINUE SUPPORT for Affordable Housing Program and increase or eliminate the caps on rental and manufactured housing to allow for flexibility in administering the SHIP program.
- SUPPORT increased funding for local water infrastructure projects Including - funding for conversion programs designed to move private wells to public wastewater collection systems and greater flexibility for programs that address the costs incurred by residents connecting to sewer systems.
- CONTINUE SUPPORT for the Enhancement of Local Government Cybersecurity.
- INCREASE FINANCIAL SUPPORT of the SCRAP and SCOP Grant Programs for paving of small roads.
- CONTINUE SUPPORT of Beach Renourishment programs to restore and stabilize the coastline.
- SUPPORT amending s. 163.08, F.S., relating to the Property Assessed Clean Energy (PACE) program, to provide full financial disclosure of PACE providers to aid local governments in the selection process and limit excessive expenditures.
- SUPPORT raising the 911 fee to accommodate increased expenses and expansion of technology to continue providing high quality of service to citizens.
- Support and increase funding to programs for construction and improvement of trails and trail facilities.
- MAINTAIN Short Term Vacation Rental Legislation Status Quo.
- CONTINUE to Advocate for Home Rule Authority.

## ***Suggested Policy Priorities 2025***



# SUGGESTED FUNDING PRIORITIES

Flagler County

---





- New Headquarters for Supervisor of Elections (40,000 sq ft requested) – Location TBD
- Fire Station (Korona) (9,000 sq ft)
- Joint Facility - Fire Station/Sheriff District Office (Cody's Corner Area) (15,000 sq ft)
- Joint Facility Site (2 buildings) - Sheriff District Office (5,000 sq ft) and Community & Cultural Center (9,000 sq ft) (Hammock A1A)
- Construction of a County-Wide Animal Shelter (30,000 sq ft) – Location TBD
- Regional Trails & Conservation Center
- Expansion of Infrastructure Along US1 in Support of Economic Development
- Malacompra Canal Restoration Project – Design & Construction Phases
- Construction & Design of the Black Branch North Drainage System to Support and Protect the Area Along Old Haw Creek Road.

## ***Suggested Funding Priorities 2025***

# New Headquarters for Supervisor of Elections.

## Background

The Supervisor of Elections Office is currently located in the Government Services Building and occupies approximately 10,000 sq ft. The office has been in this building since it opened its doors in 2006. During that time, Flagler County has seen significant population growth with an increase from 89,000 to more than 135,000 today. Currently there are more than 95,000 registered voters and while voters have increased 98.4% over the past 20 years, the space needed to operate and run elections has not increased. Since this space is found to be deficient for current and future operations and elections and there is no ability to expand within our current location there is a need to purchase land and construct a new facility. The Supervisor of Elections has recommended a need for approximately 40,000 square feet to accommodate office, storage, canvassing board, voting and meeting space.

County	Population Estimate	Registered Voters	Separate or County	Location 1 - Total Sq Ft	Location 2 - Total Sq Ft	Total Sq Ft	Expansion in 5 Years?
<b>Indian River</b>	169,795	119,800	Separate	20,636	0	20,636	No
<b>Sumter</b>	151,565	125,149	Both	18,000	27,000	45,000	Yes
<b>Flagler</b>	131,439	95,622	County Building	10,000	0	10,000	Yes
<b>Citrus</b>	166,696	118,760	County Building	21,444	0	21,444	Yes
<b>Martin</b>	163,315	115,273	Separate	12,346	0	12,346	Yes



Requested Funding - \$ 20,000,000



# Replace and Construct a New Fire Station at the Current Location in Korona.

## Background

The Flagler County Fire Rescue Department provides quality emergency services within the county as well as fulfilling requests for mutual aid assistance. To increase efficiencies while decreasing response times to emergencies, Flagler County Fire Rescue career staff delivers fire, rescue and emergency medical services out of a total of ten fire stations, six county fire stations and four city fire stations. Each fire station contains apparatus and equipment for fire suppression and advanced life support (ALS) medical services, with the city fire stations equipped with a Flagler County Fire Rescue ambulance staffed by two county employees. Flagler County Fire Rescue volunteer firefighters provide supplemental support from two of the county fire stations. Fire Administration is operated out of the Emergency Operations Center, with fire logistics being handled from several different locations that include the EOC and several other fire stations.

The Fire Station in Korona (5821 South US1 Bunnell, FL 32110) was constructed in 1990 as a volunteer fire station. The 3,990 square foot Station was not designed for career firefighters. The station does not have dorm rooms, has one small restroom and shower and has an inadequate septic system that overflows into the station. There is no staff parking, and the fire bays are too small and manually operated that require backing of the vehicle to park. The sight is wet and has drainage and flooding issues.

The location of the station however is appropriate and if replaced would be ideally situated for anticipated growth. It is recommended that the current building be deconstructed, and site prepared with a new septic system and proper drainage to accommodate a 9,000 sq ft facility. To include at minimum 4 bays, gear/equipment storage, office space and living and support space.



Requested Funding - \$ 5,000,000





## Joint Facility Fire Station/Sheriff's District Office Near Cody's Corner (Station 71).



### Background

The Flagler County Fire Rescue Department provides quality emergency services within the county as well as fulfilling requests for mutual aid assistance. To increase efficiencies while decreasing response times to emergencies, Flagler County Fire Rescue career staff delivers fire, rescue and emergency medical services out of a total of ten fire stations, six county fire stations and four city fire stations.

Currently Fire Rescue Station 71 is an active facility that is located at 89 County Road 2006 East. Portions of the facility frequently flood during typical seasonal precipitation events. Occasionally interior office, common areas, and crew quarters flood during heavier precipitation events. The frequent flooding is disruptive for the facility and emergency response operations and has led to repeated costly repairs of the interior to keep it habitable and functional. The existing facility is an older station on a small lot and has no dedicated stormwater management facility. Considering the onsite and surrounding areas low lying drainage conditions, the frequent flooding is expected to continue.

As a result, a "New" Station 71 is planned for a county-owned site approximately 6.5 miles SE of the current location near Cody's Corner. The County has an existing architectural design that will be used. The station should have 3 bays, gear/equipment storage, office space, living and support space. In addition, we would add space so that the Sheriff can locate a small district office at this location for a total of 13,000 sq ft.

Station 71's current location is consistently flooded interrupting workflow for emergency personnel and creating costs for mitigation. With no permanent mitigation of these effects possible at the current location and the need to co-locate a new Sheriff's District Office, construction of a new building will eliminate recurring mitigation costs and allow for additional space for law enforcement to an underserved area.

Requested Funding - \$ 8,000,000



# Co-location of a New Sheriff's District Office and a Community and Cultural Center on County-Owned Land on the Barrier Island.

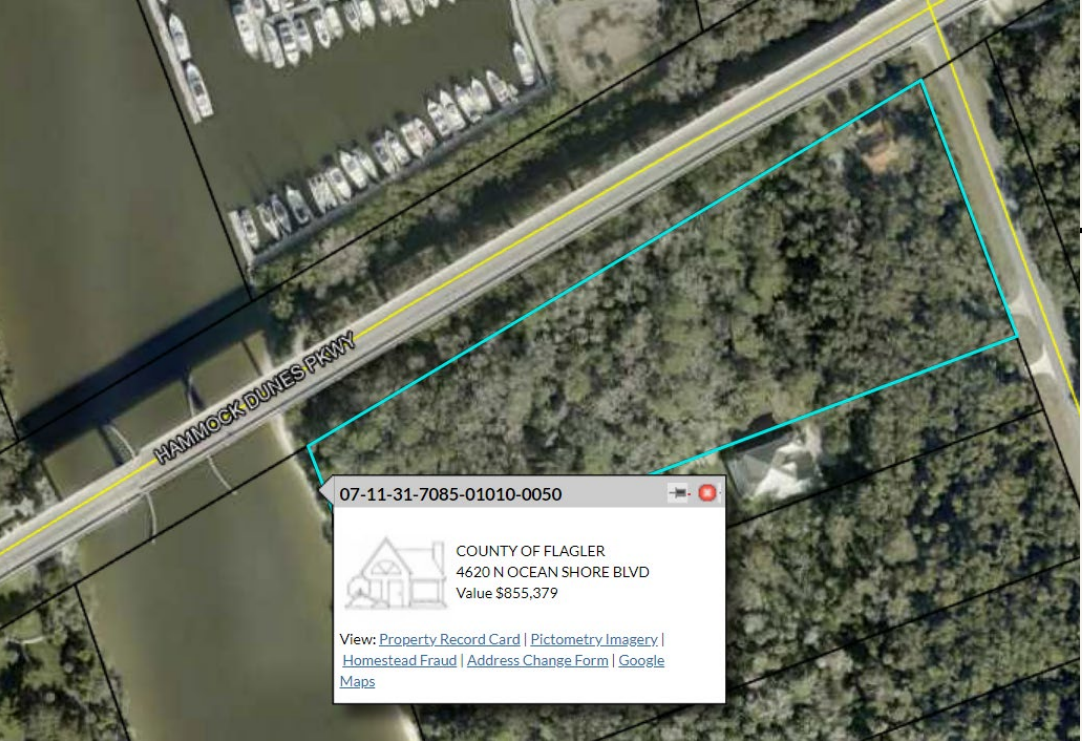
## Background

Flagler County owns land along A1A directly on the intercoastal. This 3-acre parcel can be used to serve double duty and provide needed services to the Barrier Island. Due to the diverse services, space needs and suitable location on the property it is recommended that two separate facilities are built with a shared drive.

The first building, a small 6,000 sq ft Sheriff's District Office, would be situated closest to the intercoastal for access by the Marine Unit. This could potentially become the District 4 - Palm Coast East Office as part of the Community Policing Division of FCSO. This new district would allow deputies the ability to build relationships with the residents and businesses on the Barrier Island. At the same time, it would provide a location, storage for their boats and equipment and water access for the Marine Unit.

The second building, a 9,000 sq ft facility would become the Community and Cultural Center. The Community Center portion of this building would be approximately 6,000 sq ft rentable space accommodating various events and functions for both non-profit and for-profit organizations. Revenue from rentals would offset operational expenditures for the entire building.

The Cultural Center side of this building would be approximately 3,000 sq ft and allow for educational, cultural and recreational activities to include art, cultural education programs and library related activities. These are much-needed services not currently available in the Hammock Community.



Requested Funding - \$ 8,000,000







## Construction of a County-Wide Animal Shelter.

### Background

The Flagler Humane Society is a non-profit organization dedicated to the welfare of animals. The Humane Society was originally founded in 1982 and built on land donated by ITT. Eventually agreements and funding to provide animal control and care services was established with Flagler Beach, Bunnell and Unincorporated Flagler County. Since the City of Palm Coast provides its own animal control services, they only allocate funds for sheltering services.

Recently, many residents have voiced concerns about the overcrowding issues because of the increase in strays and animals that are surrendered. While Flagler County population has grown in double digits since the shelter opened the ability to increase space to house these animals has diminished over the years.

As a result of public concern, staff is recommending construction of a new 30,000 sq. ft. facility to accommodate the current and future needs for a county-wide animal shelter. Through creating a new partnership and pooling of funds that are currently being provided by the county and municipalities, we could build and support a new animal shelter with full services.

Requested Funding - \$ 15,000,000



## Regional Trails & Conservation Center.

### Background

The Regional Trails & Conservation Center will provide diverse educational resources and hands-on experiences for all ages, emphasizing the importance of natural resource conservation. Located within a regionally significant greenway, as recognized by the Florida Greenways and Trails System Opportunity map, it will serve as a gateway for eco-friendly travel, supporting local well-being and offering educational programs and tours. This project will directly align with the FAC Policy Priority to "SUPPORT state construction, improvement, and designation of additional trails for Floridians to increase accessibility between urban and rural areas."

This area includes the Graham Swamp Preserve, Bulow Creek, and Tomoka Marsh conservation zones. It plays a vital role in the broader ecological corridor formed by these conservation areas. This extensive and well-connected regional greenway offers substantial environmental benefits to the region. The center will serve as a gateway for responsible, multi-modal travel to natural areas, promoting environmental conservation, supporting the well-being of local communities, and providing opportunities for interpretation and education. The center will provide organized presentations from local partners, engaging interpretive displays, and guided tours designed to benefit students of all ages, as well as visiting groups and clubs.

The 10,000 sq. ft. center will function as the administrative hub for Flagler County's Tourism Development and Economic Development departments, working alongside carefully selected community partners to enhance its services. A total of 3,000 square feet of adaptable indoor and outdoor space will be available for rent, ideal for community meetings, events, educational classes, and presentations. The center will be self-sustaining with a dedicated funding source from the Tourist Development Tax.



Requested Funding - \$ 3,000,000





# Expansion of Infrastructure Along US1 in Support of Economic Development.



## Background

Currently, infrastructure is lacking along a portion of US 1 heading into Ormond Beach. This area is part of the underserved area of Flagler County and will provide utility services to current and future businesses. Economic development will not only foster innovation and technological advancements, but will also lead to the creation of new industries and job opportunities

The infrastructure will require improvements to attract business and industry to the area. As a result, Flagler County will work with the Florida Governmental Utility Authority (FGUA) to see that the plant is upgraded to handle the extra capacity and utility connections are made so current and future businesses may connect and get rid of the septic systems in this area and along US 1.

While these improvements will attract new business and assist to diversify the tax base it will also help with water quality by reducing Nitrogen and Phosphorus loads to the St. Johns River. This area is identified by the Florida Department of Environmental Protection as located within a Basin Management Action Plan (BMAP). Replacement of septic tanks with centralized wastewater collection, treatment, and disposal will eliminate the discharge of total nitrogen and phosphorus from the groundwater, and positively impact water quality.

Requested Funding - \$ 22,000,000

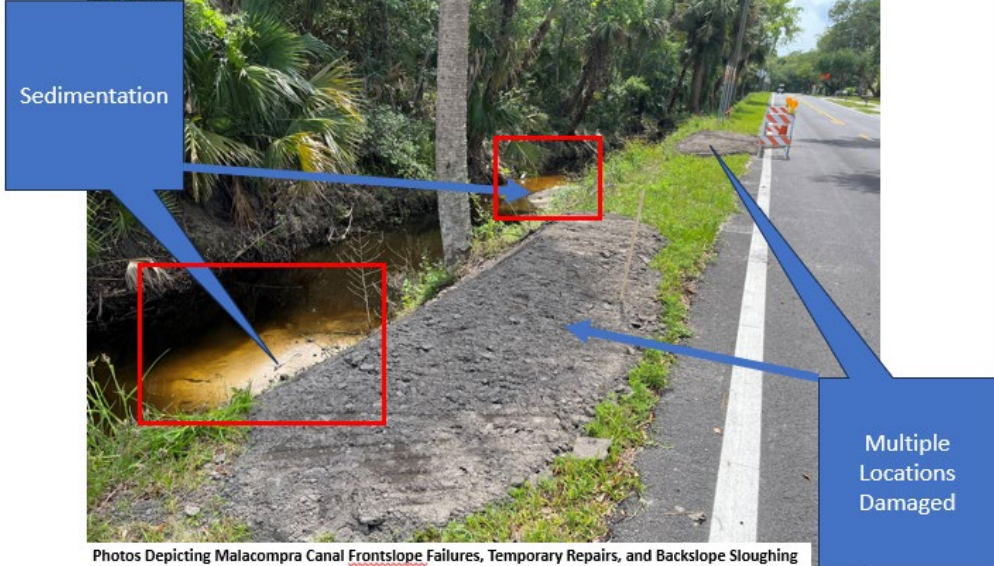






# Malacompra Canal Resilience/Revetment

Photos



Photos Depicting Malacompra Canal Frontslope Failures, Temporary Repairs, and Backslope Sloughing

Requested Funding - \$ 8,760,000



## Malacompra Canal Restoration – Design and Construction.

### Background

The Malacompra Canal is a County maintained facility located in the northeastern coastal area of Flagler County that consists of an approximately ±4,200 ft long drainage feature that parallels Malacompra Road. The canal receives stormwater from a large contributing basin and serves as the primary downstream receiving outfall for the Armand Beach, Johnson Beach, Hammock Beach, and Sea Colony communities. Stormwater in the Malacompra Canal is conveyed westward crossing SR A1A where it outfalls into the intracoastal water way (ICWW).

- Malacompra roadway is frequently being undermined and washed out during seasonal precipitation events.
- The banks of the canal are unstable and critically eroded.
- Upstream communities experience repeated flooding conditions during heavy precipitation events, tropical storms, dune breaching, and storm surge events.
- The Canal is hydraulically connected to the ICWW and Atlantic Ocean, and will be impacted directly by sea level rise, which will reduce flood storage capacity.

It is proposed that the canal be widened slightly to increase the flood storage capacity to help reduce the flood potential of the upstream surrounding communities. It is also proposed to regrade and stabilize the slopes of the canal by installing a standard revetment structure the length of the canal. The proposed improvements will make the stormwater feature more resilient structurally to protect against erosion, mitigate impacts from storm surge, and limit the potential impacts from sea level rise. Water quality improvements features are also proposed by installing inline treatment settling ponds using natural coquina stone. The settling ponds would improve the stormwater quality prior to outfall into the ICWW (Florida Outstanding Water) and the use of the coquina materials will also aid to restore and preserve the historical aesthetic construction of the original canal.

Improvements to the Malacompra canal are deemed critical to help minimize the occurrence and severity of flooding impacts in this region, and to prevent further erosional damage to the Malacompra Roadway.



## Design & Construction of the Black Branch North Drainage System to Support and Protect the Area Along Old Haw Creek Road.

### Background

Old Haw Creek Road is an approximately  $\pm 4.9$ -mile roadway, located in Bunnell, Florida, and is owned and maintained by Flagler County. The roadway historically floods and regularly overtops at an existing cross drain located approximately  $\pm 2,300$  feet south of W. Moody Blvd. During roadway overtopping and flooding events, surrounding residential properties are also flooded.

The proposed project scope will primarily include the construction of a wet detention facility on County property with a bypass weir in the main drainage channel to direct water into the pond for detention and treatment. After detention treatment, a control structure would discharge stormwater back into the existing canal at a controlled rate. Ancillary related improvement elements could also include regrading of roadside swales and ditches, upsizing of cross drain culverts, pond siting, pond construction, and acquiring contiguous easements to access existing drainage facilities for maintenance.

The proposed drainage improvements would help to alleviate flooding locally and improve water quality to the area along Old Haw Creek Road which includes the future site of the Florida State Guard Training Facility.

Requested Funding - \$ 3,300,000





# *Questions and Feedback*

---

