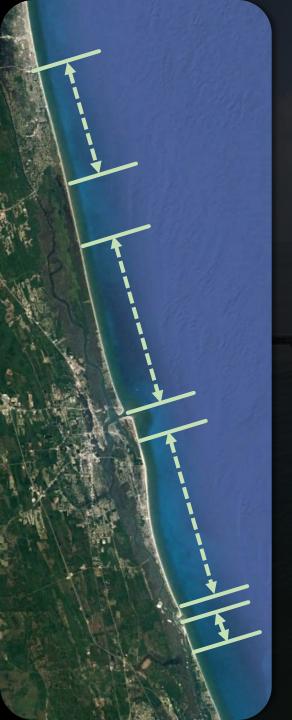


Overview

- St. Johns County has 42 miles of Atlantic Coastline
- The County manages 32 miles of the shoreline
- FDEP designates 17.1 miles of our shoreline as critically eroded
- Another 7.6 miles of non-critically eroded beach
- Primary causes of erosion:
 - Historic St. Augustine and Matanzas Inlets
 - Present Inlets, Hurricanes, Overwash, Seawalls



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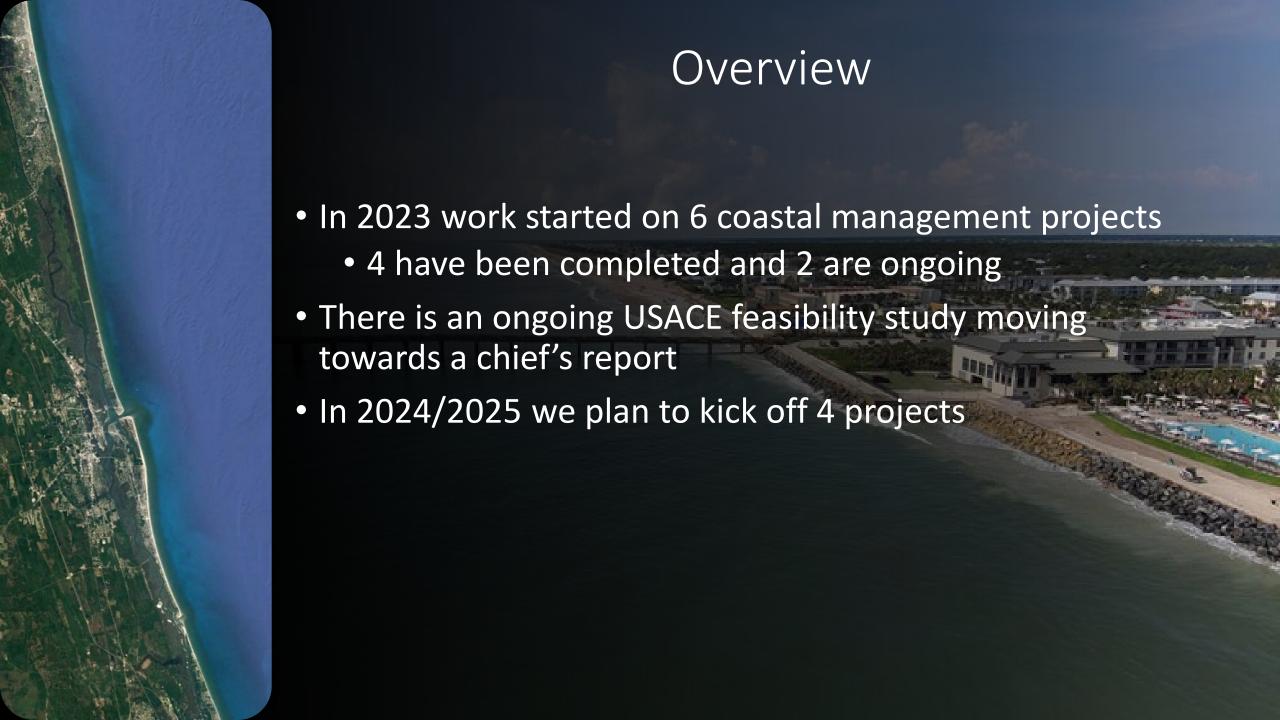


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Projects in 2023



FEMA Cat B



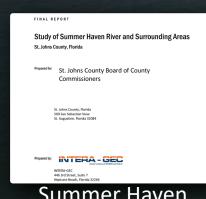
SPV Park Cat G



Porpoise Point



Vilano CSRM

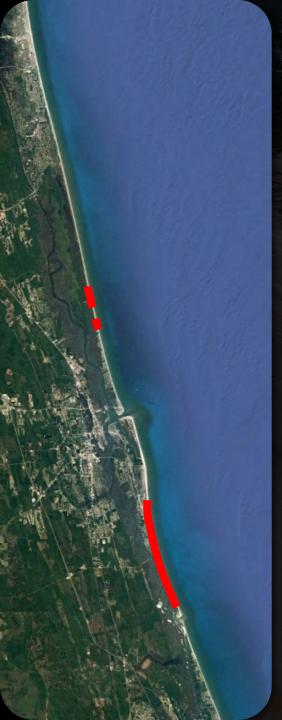


Summer Haven Feasibility



Summer Haven ICWW





FEMA Dune Enhancement – lan/Nicole

- Construction: July 14, 2023 – December 13, 2023
- Borrow Area: Upland Mines, Keuka
 & Goldhead (Vulcan)
- Length: 6.7 miles
- Volume Placed: 150,900 CY
- Sea Oats Planted: 470,000 (Earth Balance & Terra Crafters)
- Engineer: Olsen Associates
- Contractor: Phillips & Jordan
- **Cost:** \$12 M
- Funding: FEMA & State



































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Study of Surmer Haven fiver and Surroutsling Areas

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Student State County Board of County
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S. Ponte Vedra & Vilano Beach CSRM

• Construction: August 2024 – December 2023

• **Length:** 3 miles (R102.5 – R117.5)

• Borrow Area: N3

• Volume Placed: 1.1M CY

• Sea Oats to be planted: 390,000 (Earth Balance)

• Engineer: USACE

• Contractor: Weeks Marine

• **Cost:** \$20 M

• Funding: FCCE 100%



































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S. Ponte Vedra Park – Cat G Repairs

• Construction: Sept 18, 2023 – Sept 26, 2023

• **Length:** 450 ft (R-95)

 Borrow Area: Upland Mines, Keuka & Goldhead (Vulcan)

• Volume Placed: 2,300 CY

 Sea Oats Planted: 3,365 (Cross Creek Environmental)

• Engineer: INTERA-GEC

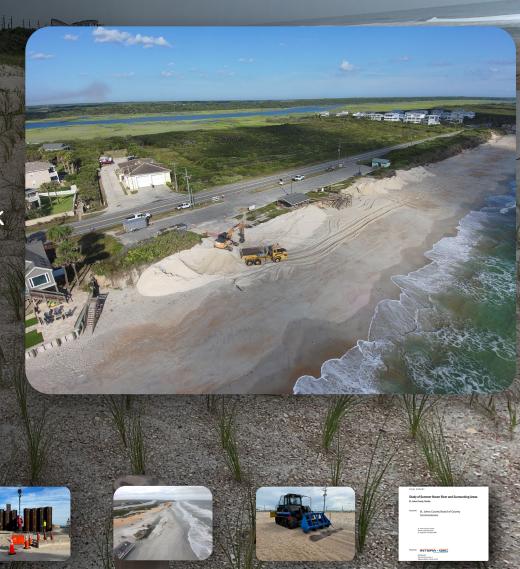
 Contractor: Southeastern Marine Group

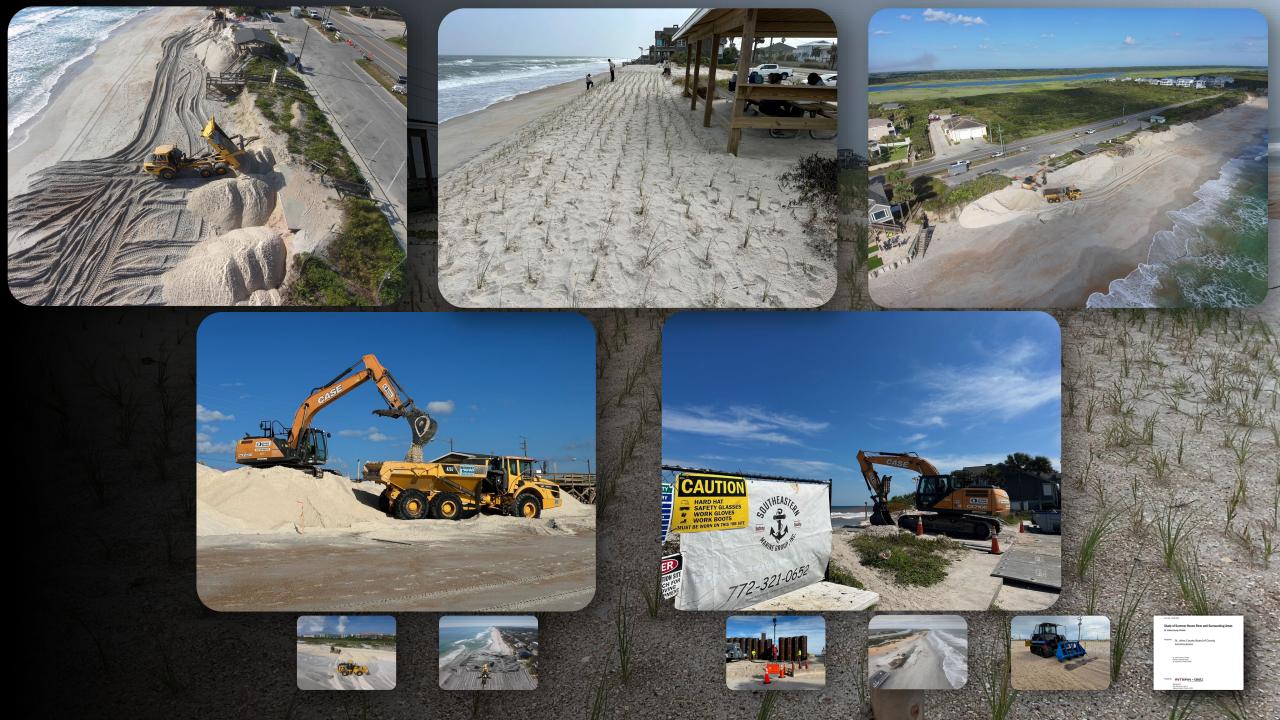
• **Cost:** \$300,000

Funding: FEMA & County





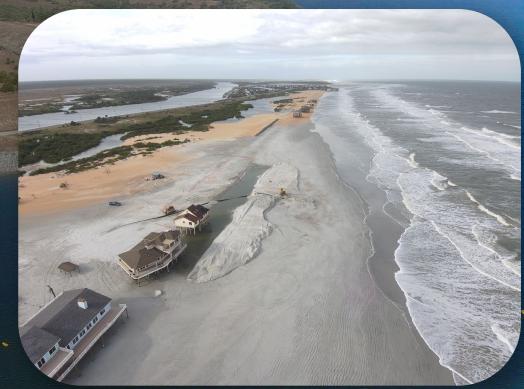




Porpoise Point Drive Armoring Construction of a seawall with a riprap connection to the Federal Structure Construction: October 2023 – February 2024 • Length of Seawall: 125 ft • Length of riprap: 50 ft • Engineer: AtkinsRéalis Contractor: Construct Co. • Cost: \$1 M • Funding: County

Summer Haven Dredge Disposal - USACE

- Construction
 October 2023 April 2024
- Length: 1.3 miles (R202 R206.5)
- Borrow Area: ICWW
- Volume Placing: 500,000 CY
- Engineer: USACE
- Contractor: Southwinds Construction
- Funding: Federal and FIND







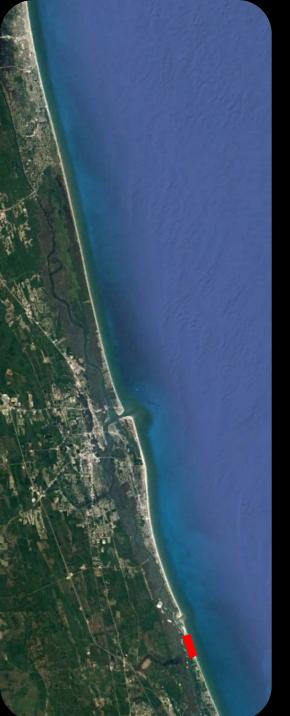












Summer Haven Feasibility Study

- County-funded study of the Summer Haven River and the surrounding areas
- Goal to determine the effects of having the Summer Haven River opened or closed
- Develop alternatives to keep the river open
- Phase two of the study will go into the economic value of having the river open in the surrounding area and the County

FINAL DEDODT

Study of Summer Haven River and Surrounding Areas

St. Johns County, Florida

Prepared for:

St. Johns County Board of County Commissioners

St. Johns County, Florida 500 San Sebastian View St. Augustine, Florida 32084

Prepared by:



INTERA-GEC 446 3rd Street, Suite 7 Neptune Beach, Florida 3226







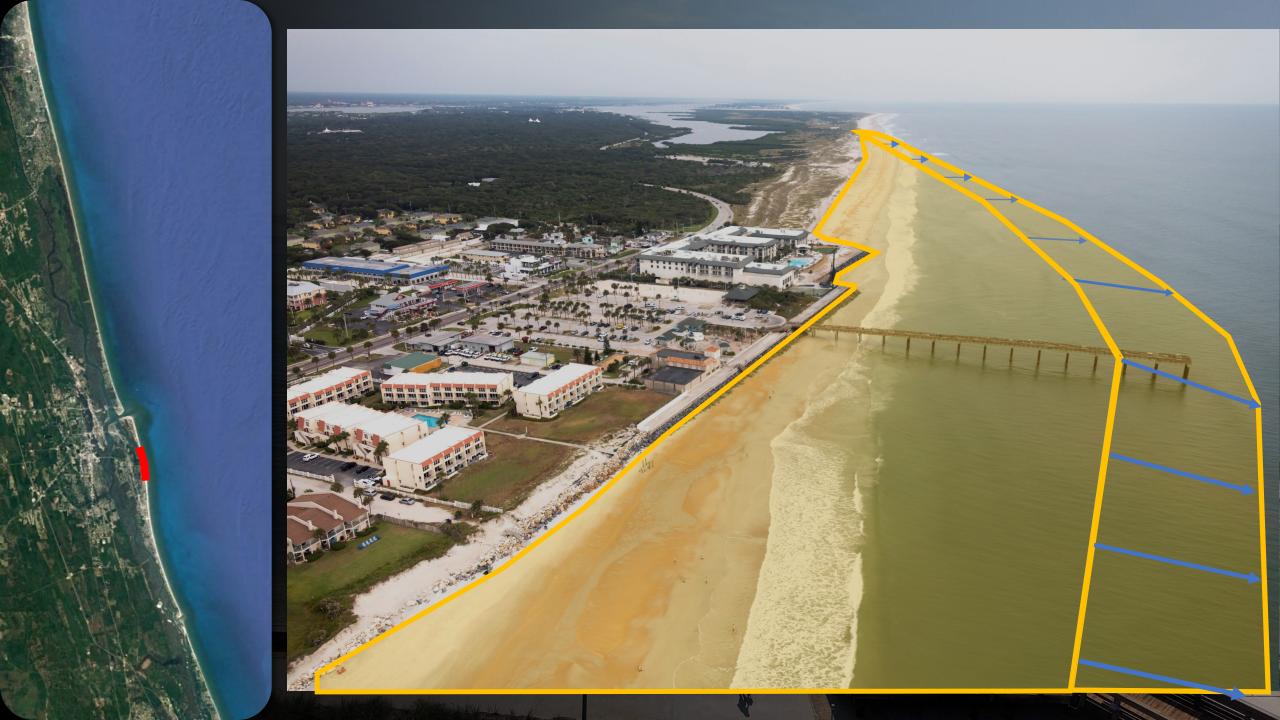


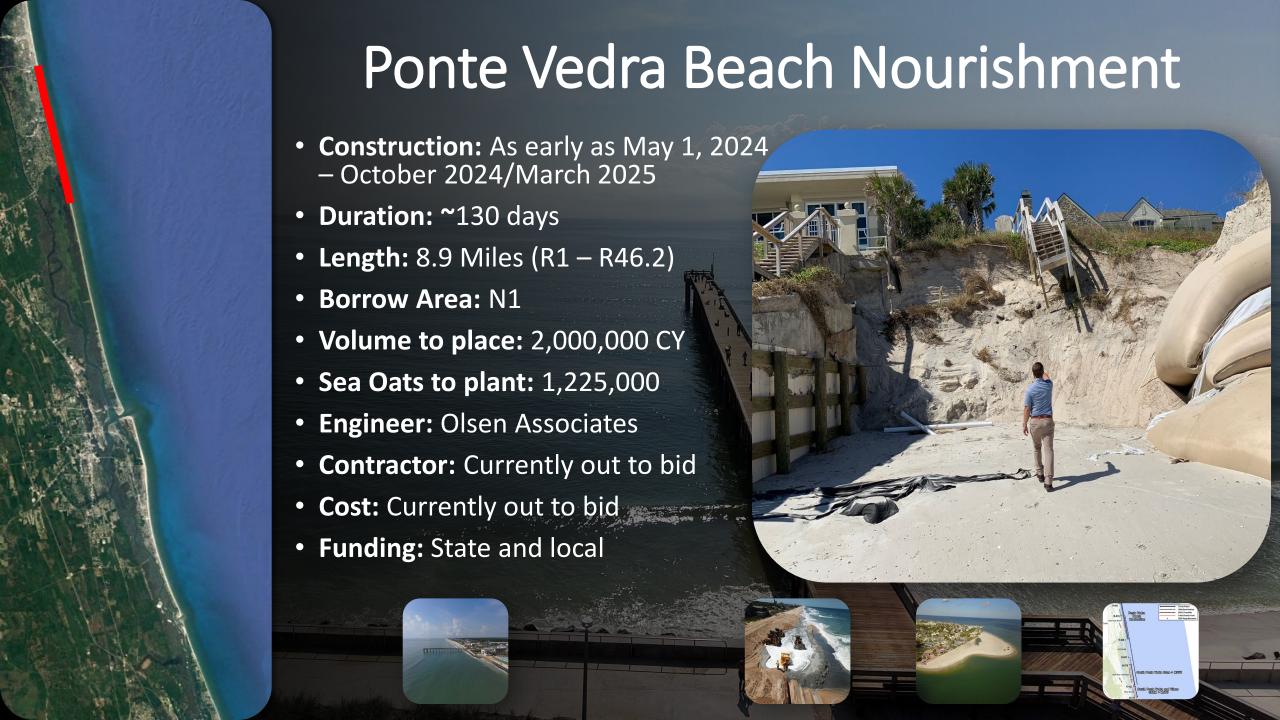




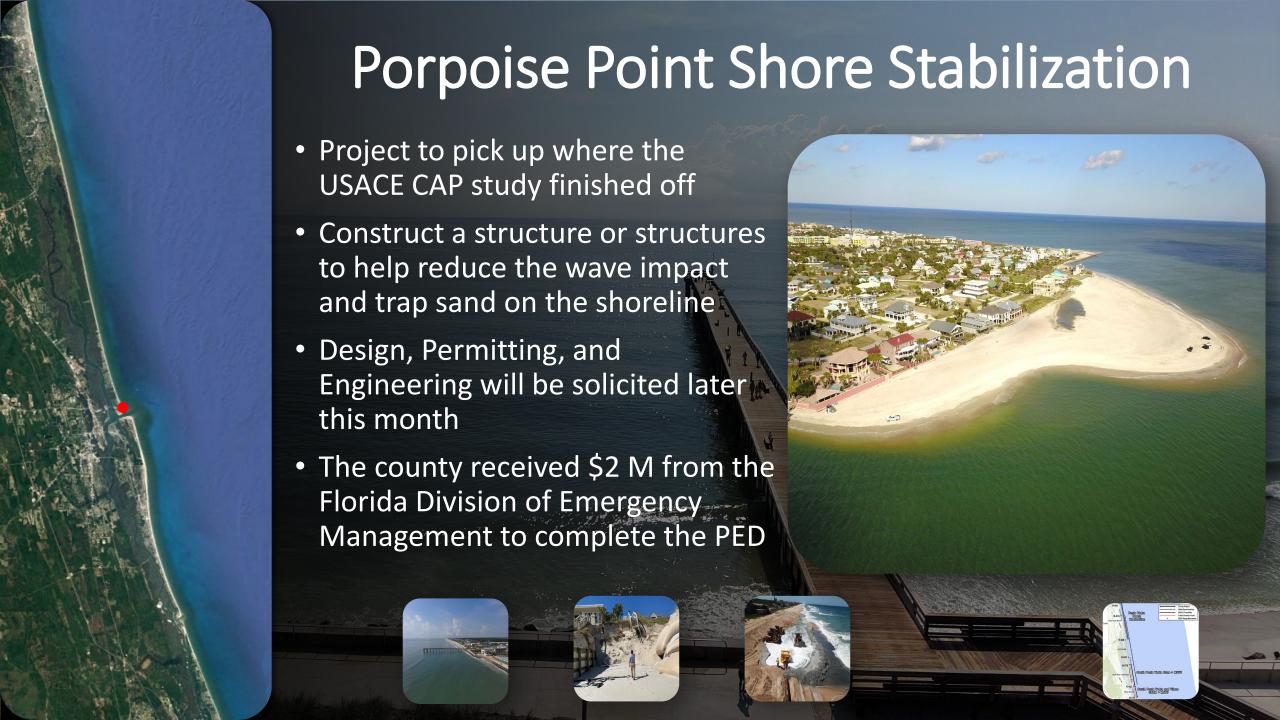


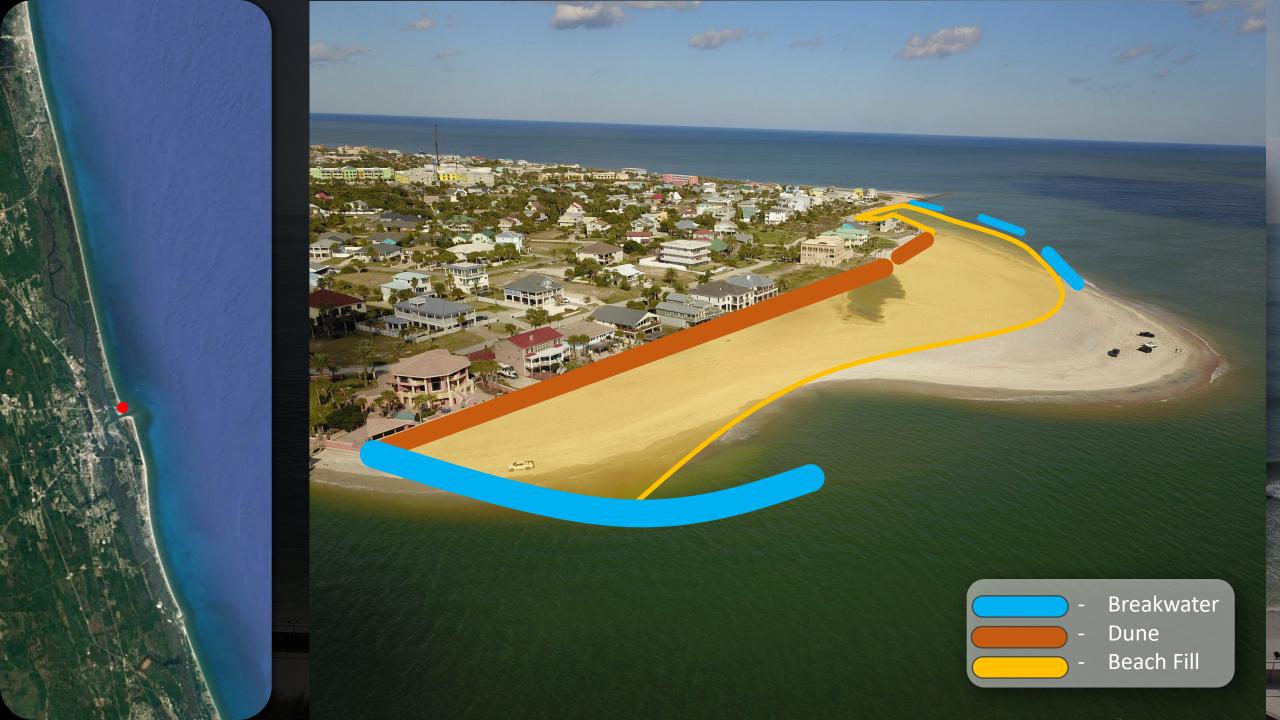












Coastal Management Plan

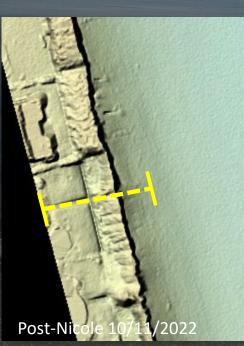
- The County is in the final stages of the procurement process
- The goal of the plan is to perform an intensive review of the County's coastline
- Analyzing the physical, environmental, and economic benefits of the coastal environment
- Develop an array of coastal management practices
- Deliverables will include a report of the findings and a plan for Board adoption



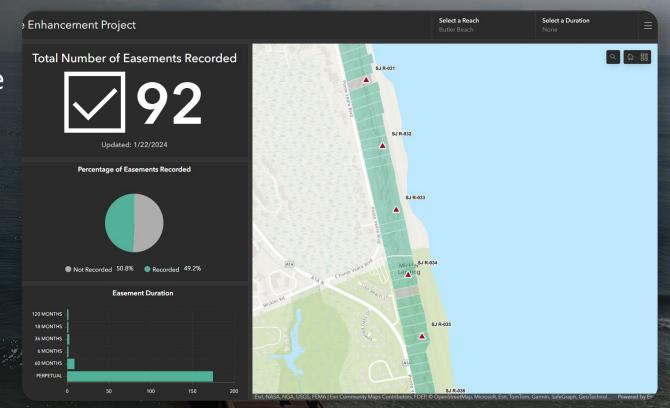
- LiDAR survey flights pre- and post- hurricane season
- Online easement dashboard
- The County utilizes the Skydio X2E Drone
 - Project Progress updates
 - Pre- and post- project photos
 - Pre- and post- storm analysis
- Free "Stay off the Dune" signs for residents
- Project template KMZ files

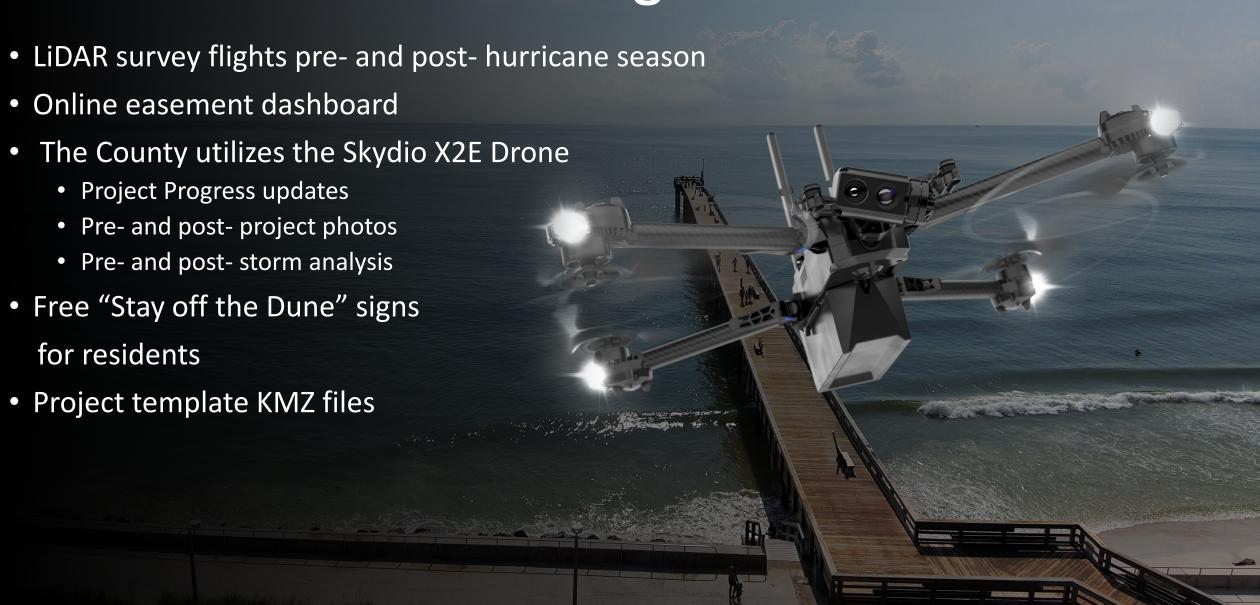






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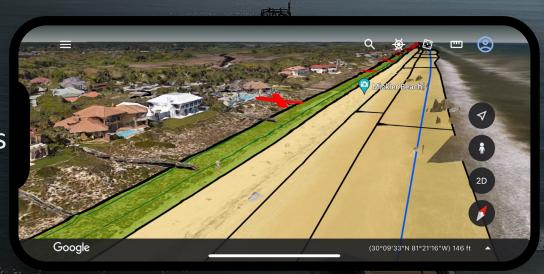




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Acknowledgements

- St. Johns County Board of County Commissioners
- St. Johns County leadership and the Coastal Management team
- Various government agencies and our consultants



Thank You!

