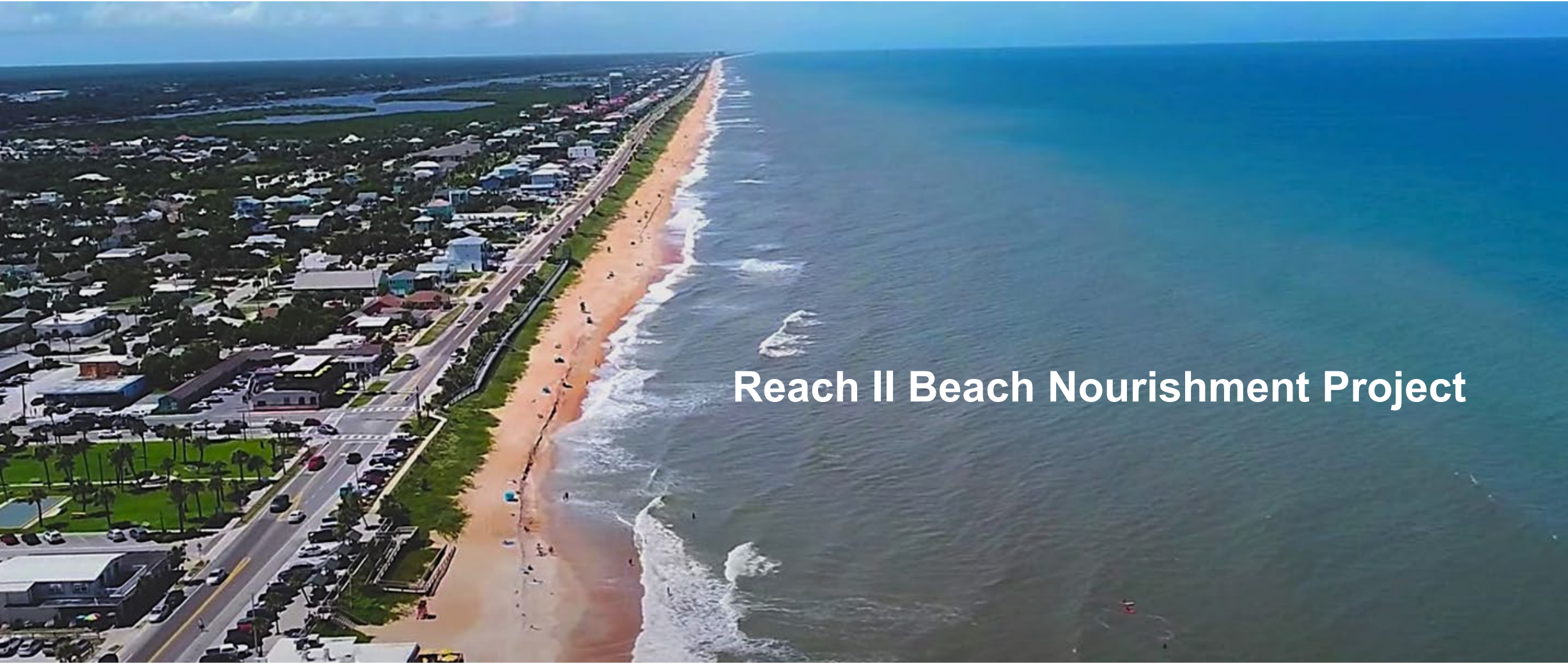


An aerial photograph showing a coastal town with a wide beach and ocean. The town is on the left, with a road and parking areas. The beach is in the middle, and the ocean is on the right. The text "Reach II Beach Nourishment Project" is overlaid on the right side of the image.

Reach II Beach Nourishment Project

Flagler County Board of County Commissioners

August 3, 2026



AGENDA

Reach II Beach Nourishment Project

- **Project Overview**
- **Bid Process**
- **Easements**
- **Cash Flow**
- **Discussion**



Engineering Department



Reach II Beach Nourishment Project Area Overview

- **Location:** Varn Park (R-46) to North 7th Street, Flagler Beach (R-77)
- **Communities Included:** Flagler Beach, Beverly Beach, Painters Hill
- **Project Length:** 5.5 miles



April 2026 – Treasure By the Sea



Engineering Department



Reach II Beach Nourishment Project Scope & Construction:

- Restoration of beach and dune system using sand from offshore borrow area
- Construction contract includes one-year performance guarantee
- Construction anticipated to start November 2026, duration: 4–6 months
- Expanded dunes to be planted with native vegetation
- Compliance with environmental regulations and extensive monitoring
- Sections of beach under construction will be closed for safety, with rolling openings as work progresses





Engineering Department



Construction Contract Procurement

- Invitation to Bid (ITB) issued via OpenGov: March 5, 2026
- Project Scope: Excavation, transport, screening, placement, and shaping of beach-compatible sand
- Approximately 30,500 linear feet of shoreline to be nourished
- Sand sourced from permitted offshore borrow area
- Pre-Bid Meeting: March 31, 2026
- Bid Responses Received: May 7, 2026 (four bidders)





Engineering Department



Reach II Beach Nourishment Project Bid Tabulation

Item	Description	Quantity	Unit of Measure	Great Lakes Dredge & Dock LLC		Manson Construction Co.		The Dutra Group		Weeks Marine	
				Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
1	Mobilization / Demobilization	1	LS	\$6,400,000.00	\$6,400,000.00	\$6,450,000.00	\$6,450,000.00	\$6,000,000.00	\$6,000,000.00	\$6,750,000.00	\$6,750,000.00
2	Beach / Dune Fill (*3,*4)	1800000	CY	\$17.75	\$31,950,000.00	\$17.25	\$31,050,000.00	\$21.00	\$37,800,000.00	\$14.25	\$25,650,000.00
3	Mechanical Screening and Spreading (*3,*4)	1800000	CY	\$3.00	\$5,400,000.00	\$1.70	\$3,060,000.00	\$3.00	\$5,400,000.00	\$2.50	\$4,500,000.00
4	MEC Support	1	LS	\$430,000.00	\$430,000.00	\$350,000.00	\$350,000.00	\$600,000.00	\$600,000.00	\$225,000.00	\$225,000.00
5	Structure Inspection & Vibration Monitoring	1	LS	\$165,000.00	\$165,000.00	\$185,000.00	\$185,000.00	\$250,000.00	\$250,000.00	\$150,000.00	\$150,000.00
6	Beach Tilling / Decompaction	1	LS	\$25,000.00	\$25,000.00	\$150,000.00	\$150,000.00	\$100,000.00	\$100,000.00	\$25,000.00	\$25,000.00
7	Turbidity Monitoring	1	LS	\$135,000.00	\$135,000.00	\$135,000.00	\$135,000.00	\$125,000.00	\$125,000.00	\$100,000.00	\$100,000.00
8	Endangered Species Observations	1	LS	\$89,000.00	\$89,000.00	\$115,000.00	\$115,000.00	\$150,000.00	\$150,000.00	\$75,000.00	\$75,000.00
9	Sea Turtle Trawling: MOB/DEMOB	1	LS	\$24,000.00	\$24,000.00	\$35,000.00	\$35,000.00	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00
10	Sea Turtle Trawling: DAY RATE	3	DAY	\$6,000.00	\$18,000.00	\$7,500.00	\$22,500.00	\$7,500.00	\$22,500.00	\$6,750.00	\$20,250.00
11	Vegetation – Dune Planting Units	364200	EA	\$1.05	\$382,410.00	\$1.20	\$437,040.00	\$2.00	\$728,400.00	\$1.20	\$437,040.00
12	Sand Fencing	12900	LF	\$10.85	\$139,965.00	\$21.50	\$277,350.00	\$25.00	\$322,500.00	\$12.50	\$161,250.00
13	Project Signs	1	LS	\$4,650.00	\$4,650.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
14	Dune Post and Rope	600	LF	\$5.00	\$3,000.00	\$6.00	\$3,600.00	\$18.00	\$10,800.00	\$5.00	\$3,000.00
15	Environmental Monitoring	1	LS	\$103,000.00	\$103,000.00	\$75,000.00	\$75,000.00	\$175,000.00	\$175,000.00	\$275,000.00	\$275,000.00
16	Standby Time (*1)	24	HR	\$8,800.00	\$211,200.00	\$10,000.00	\$240,000.00	\$7,500.00	\$180,000.00	\$15,000.00	\$360,000.00
17	Construction Bond	1	LS	\$330,000.00	\$330,000.00	\$300,000.00	\$300,000.00	\$107,355.00	\$107,355.00	\$250,000.00	\$250,000.00
18	Property Boundary Identification	19	EA	\$550.00	\$10,450.00	\$1,000.00	\$19,000.00	\$3,000.00	\$57,000.00	\$1,250.00	\$23,750.00
19	Concrete Debris Removal	100	TON	\$950.00	\$95,000.00	\$900.00	\$90,000.00	\$100.00	\$10,000.00	\$750.00	\$75,000.00
Total					\$45,915,675.00		\$42,999,490.00		\$52,069,555.00		\$39,105,290.00



Engineering Department



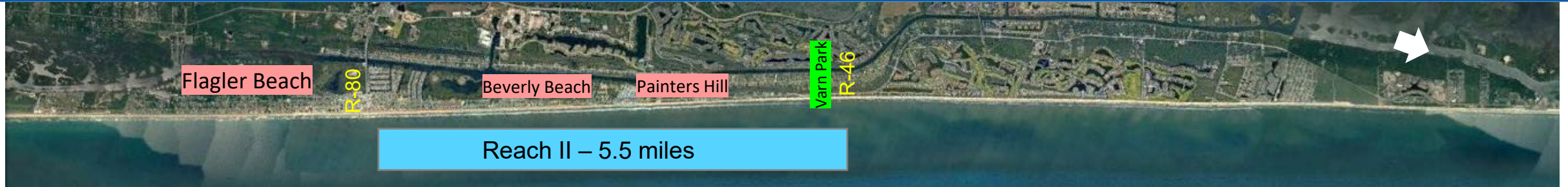
Bid Comparison Summary

- Major Line Items (Selected Highlights)
 - Mobilization/Demobilization: \$6.0M–\$6.75M range
 - Beach/Dune Fill (1.8M CY): \$25.65M–\$37.80M range
 - Mechanical Screening: \$3.06M–\$5.40M range
 - Environmental Monitoring: \$75K–\$275K
- Total Bids:
 - Great Lakes Dredge & Dock: \$45.9M
 - Manson Construction: \$43.0M
 - The Dutra Group: \$52.1M
 - Weeks Marine: \$39.1M (Low Bid)
- Optional Reduction
 - Owner may vary sand quantity by $\pm 20\%$
 - Reducing sand and screening by $\sim 17\%$ allows Not-To-Exceed contract award of \$34,000,000





Engineering Department



Reach II Beach Nourishment (Flagler Beach, Beverly Beach, Painters Hill):

- Construction Engineering & Inspection (CEI):
 - Eisman & Russo, Inc. – Amendment not to exceed \$732,644
- Pre-construction, Post-Design, and Post-construction Services:
 - Foth Infrastructure & Environment, LLC – Amendment not to exceed \$287,190
- Overall Reach II Construction Project Cost Summary:

➤ Construction Contract (Weeks Marine, Inc.)	\$34,000,000.00
➤ Construction Engineering & Inspection (CEI) (Eisman and Russo)	\$ 732,644.00
➤ Pre-Construction, Post-Design, Post-Construction Services (Foth)	\$ 287,190.00
TOTAL	\$35,019,834.00

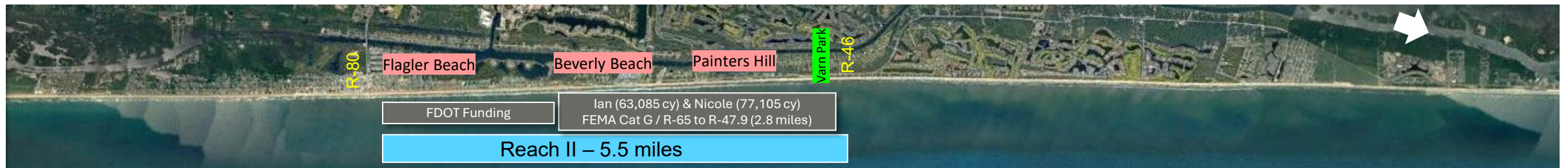


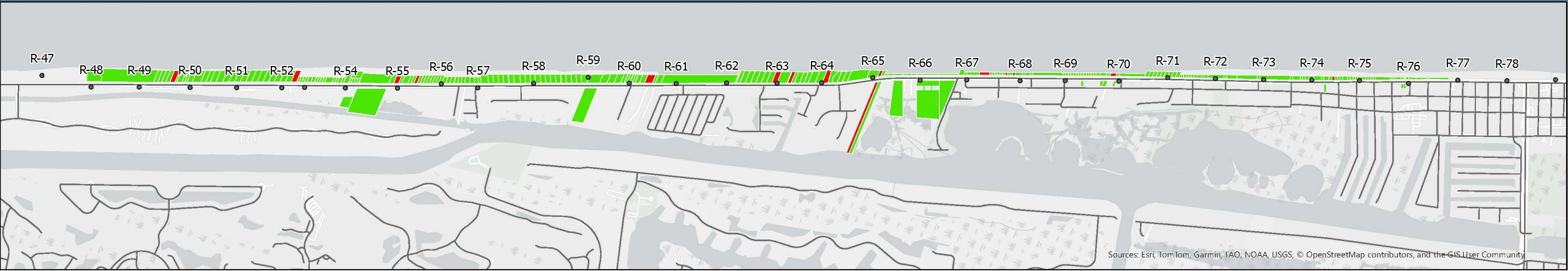
Engineering Department



Reach II Beach Nourishment Project Funding Plan:

	FDOT	FEMA	LOCAL	FDEM	FDEP	TOTAL
FDOT Agreement ASF98	\$1,557,843.00					\$1,557,843.00
FDOT Agreement ASM05	\$4,354,589.00					\$4,354,589.00
FEMA Hurricane Ian Funding (Cost share: Fed: 90% Local: 5% FDEM: 5%)		\$2,291,325.30	\$127,295.85	\$127,295.85		\$2,545,917.00
FEMA Hurricane Nicole Funding (Cost share: Fed: 75% Local: 12.5% FDEM: 12.5%)		\$2,447,540.25	\$407,923.38	\$407,923.38		\$3,263,387.00
FDEP 26FL1 Funding (State cost share: 44.55%) Local Government Funding Request (LGFR) Program			\$3,638,906.00		\$2,923,594.00	\$6,562,500.00
FDEP 23FL2 Funding Hurricane Recovery Reimbursement Grant Program					\$16,735,598.00	\$16,735,598.00
TOTAL	\$5,912,432.00	\$4,738,865.55	\$4,174,125.23	\$535,219.23	\$19,659,192.00	\$35,019,834.00





Reach II Beach Nourishment Project Easements (Flagler Beach, Beverly Beach, Painters Hill):

- 15 easements missing (~1,350', or ~4.7% of project length)
- Five missing easements in front of FDOT secant wall (~469', or 9.6% of wall length)
- Sand can be placed seaward of Erosion Control Line (ECL)
- Gaps in restored dune system may reduce long-term performance and resiliency.



Reach II Beach Nourishment Project Cash Flow Plan:

- Construction to begin November 2026, easing cashflow timing
- Performance period: 365 days (actual work: 4–6 months)
- Funds on-hand: These funds are already in the County' possession.
 - Local Funds - \$4.2M
 - FDOT ASF98 - \$1.6M
 - FDOT ASM05 - \$3.6M
- Near-Term Reimbursement: The FDEP Funding Agreement will allow submission of paid invoices for reimbursement once a month. Each month's reimbursement request would be paid to the County in 4-6 weeks. Once the FDOT on-hand funding is spent; invoices can be submitted for reimbursement against the FDOT funding below. Reimbursements are generally received in 6-8 weeks after submission
 - FDEP 23FL2 - \$16.7M
 - FDEP 26FL1 - \$2.9M
 - FDOT ASM05 –\$718K
- Long-term Reimbursement: The FEMA, and associated FDEM, reimbursement funding will not be available for at least six months after project completion and closeout, and could take a year or more.
 - Hurricane Ian, Cat. G – FEMA \$2.9M, FDEM \$127K
 - Hurricane Nicole, Cat. G – FEMA \$2.4M, FDEM \$408K



Engineering Department



Reach II Beach Nourishment Construction Project

Board Options & Staff Recommendation

- **Option 1: Approve the Project (Recommended)**
 - Award ITB to Weeks Marine, Inc. for up to \$34,000,000
 - Approve Amendments for CEI and Engineering Services
 - Approve Unanticipated Revenue Resolution
 - Approve Cash Advances not to exceed \$20,376,000 (Fund 1111) and \$5,274,000 (Fund 1184)
- **Option 2: Not Approve the Project**
 - Concerns: Insufficient cash flow, missing easements, status of Camptown RV Resort Seawall
 - Board may reject all bids, resulting in project not being approved
- **Option 3: Continue Consideration**
 - Requires consent of presumptive contractor
 - Deadline: August 6, 2026; next meeting August 17, 2026.

An aerial photograph of a coastal town, likely in Flagler County, Florida. The image shows a long, straight beach stretching from the foreground into the distance. To the left of the beach is a road with several cars and a parking lot. Further inland, there are residential houses, palm trees, and some commercial buildings. The ocean is on the right side of the image, with waves breaking onto the shore. The sky is blue with some light clouds.

Questions

Flagler County Board of County Commissioners

August 3, 2026