



2026 ISLE OF PALMS City Council Update

*August 25th, 2026
Isle of Palms, SC*



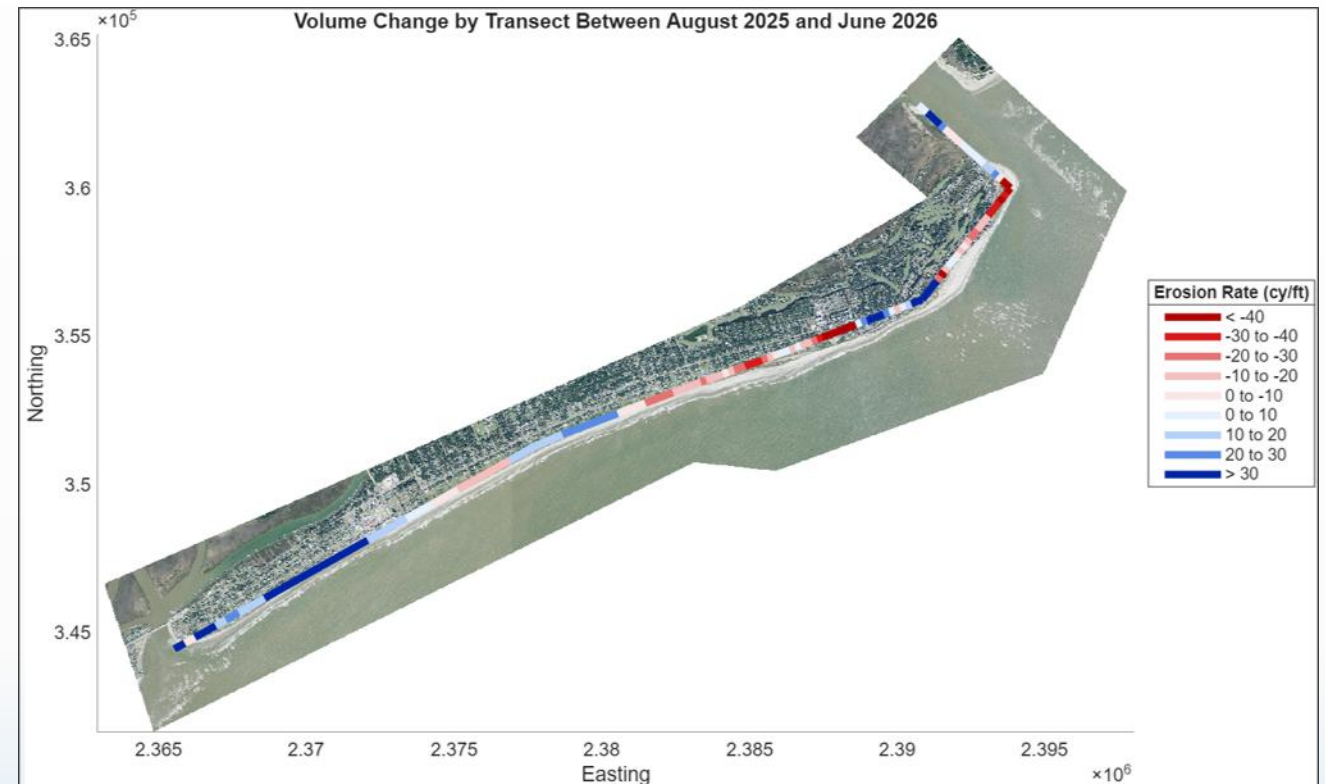
Beach Monitoring Update

- Survey completed in June 2026
- Prior survey in Feb 2026
- Serves as pre-project condition survey
- Includes additional survey profiles at south end required by permits

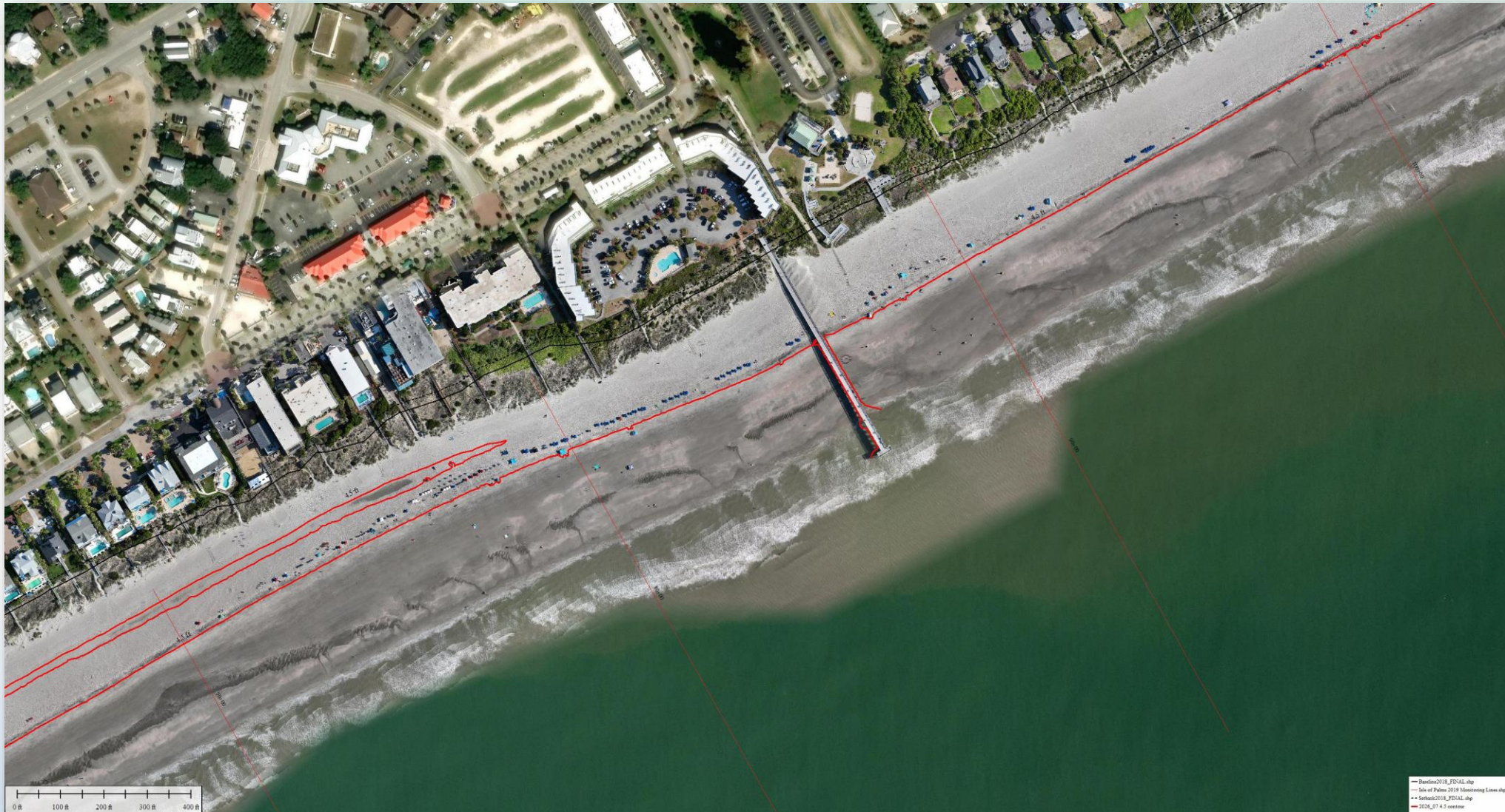


Updated Report

- New/updated report will include
 - Executive Summary
 - Dedicated section for shoreline position/beach width analysis
 - Geographical references
 - More mapped data graphics
 - Reorganized data sections

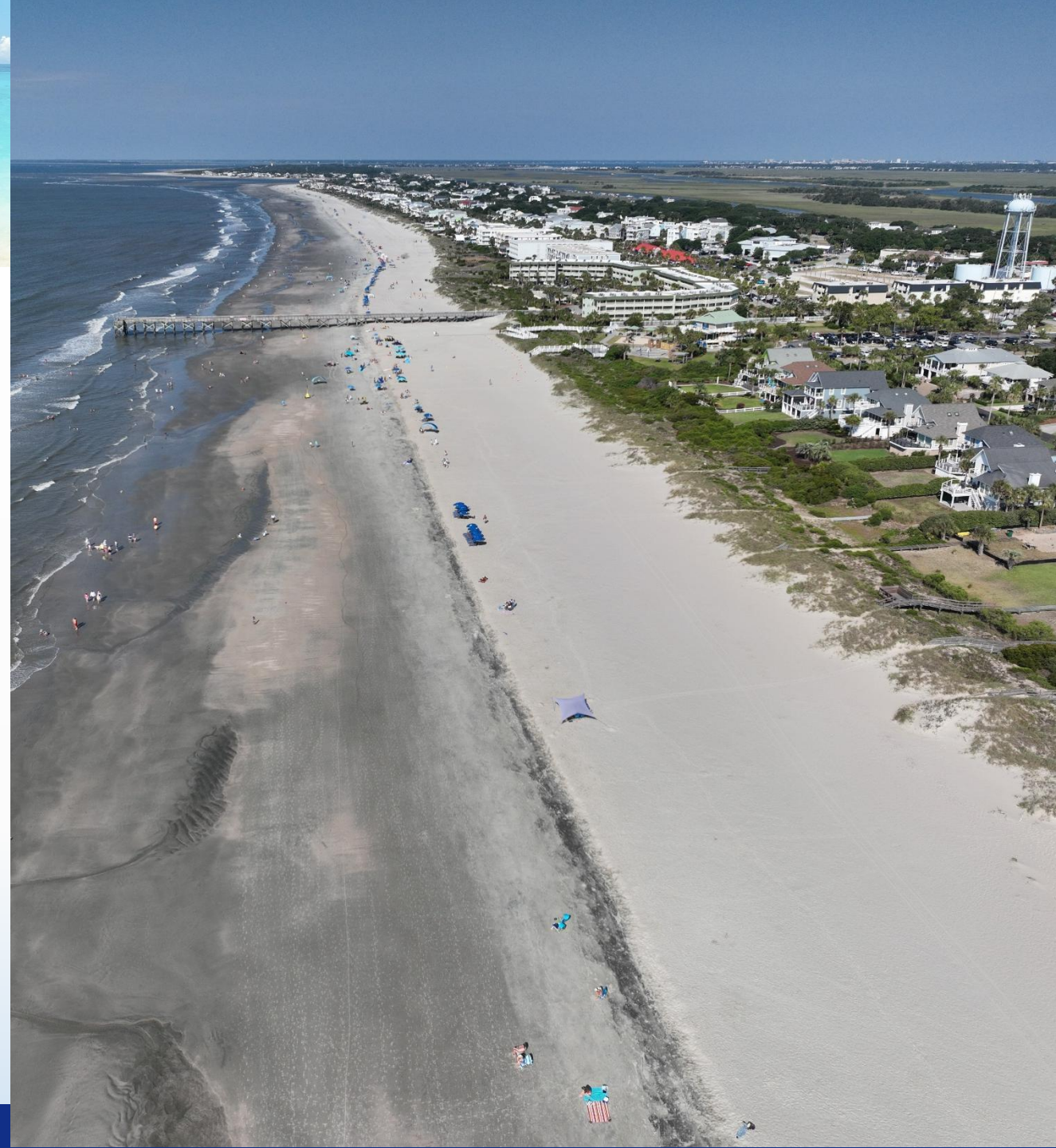


Updated Report – Shoreline Position



Big Picture

- IOP beach gained 42,000 cy of sand Feb-June 2026
- Total gain of 230,000 cy over past year
- Gains mostly south of pier and at shoal attachment area
- Erosion hotspots near Grand Pavilion, Seascape/Ocean Club, Reaches 3-4



North Island (Monitoring Reaches 5-6)

- Variable trends of erosion and accretion
- Gaining along center Wild Dunes area due to continued shoal attachment (Beachwood to Marines Walk)
- Erosional adjacent to shoal (Grand Pavilion, Summerhouse to Ocean Club)
- Overall loss of 64,000 cy over past year
- Reaches 5a-6b net gain of 340,000cy over past three years, offset by continued erosion of adjacent areas



North

Survey Reach 5

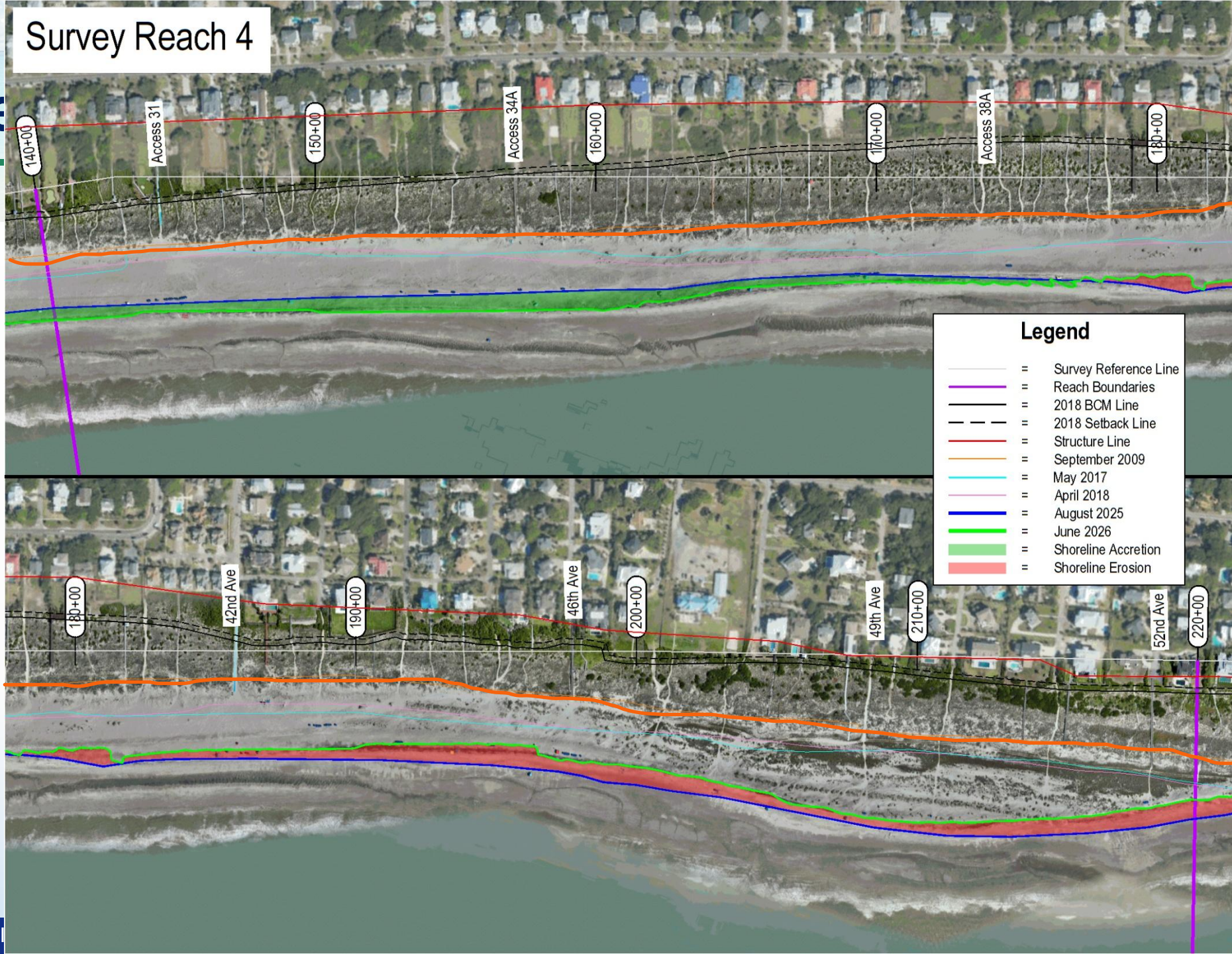


Center Island (Monitoring Reaches 3-4)

- Center reaches were erosional the past year as sand wave moved south past pier.
- Loss of ~60,000 cy over the past year
- Area gained 650,000 cy from 2018-2025 and remains very healthy
- Erosional signature higher north of Citadel House



Survey Reach 4



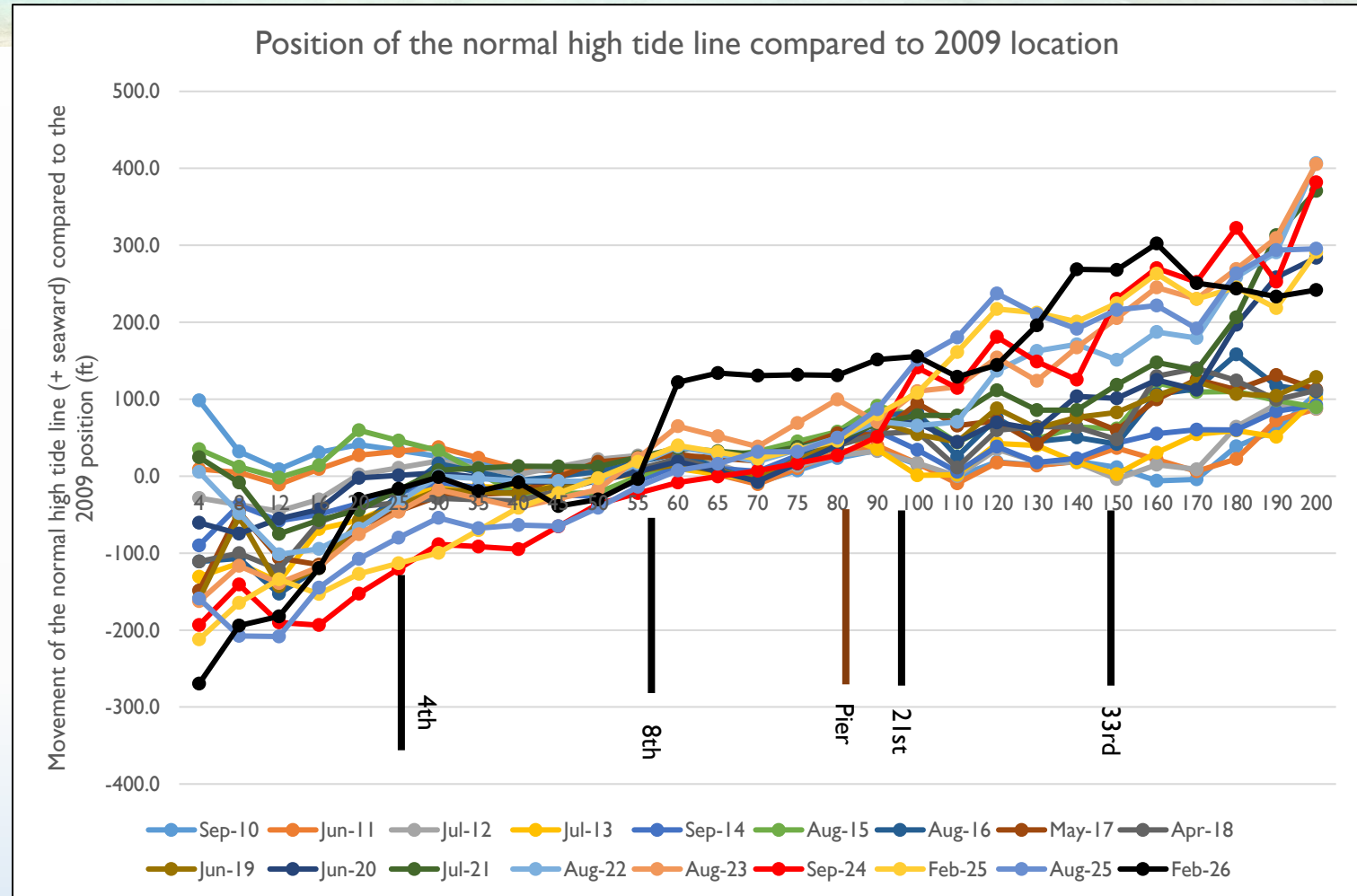
South End (Monitoring Reaches 1-2)

- South of pier has gained 441,000 cy since February 2025
- Large portion of the gain due to USACE projects, which placed ~700,000 cy.
- Additional gains from sand moving from north of pier
- Significant dune recovery over past 6 months
- Outer ridge will eventually move to upper beach/dune



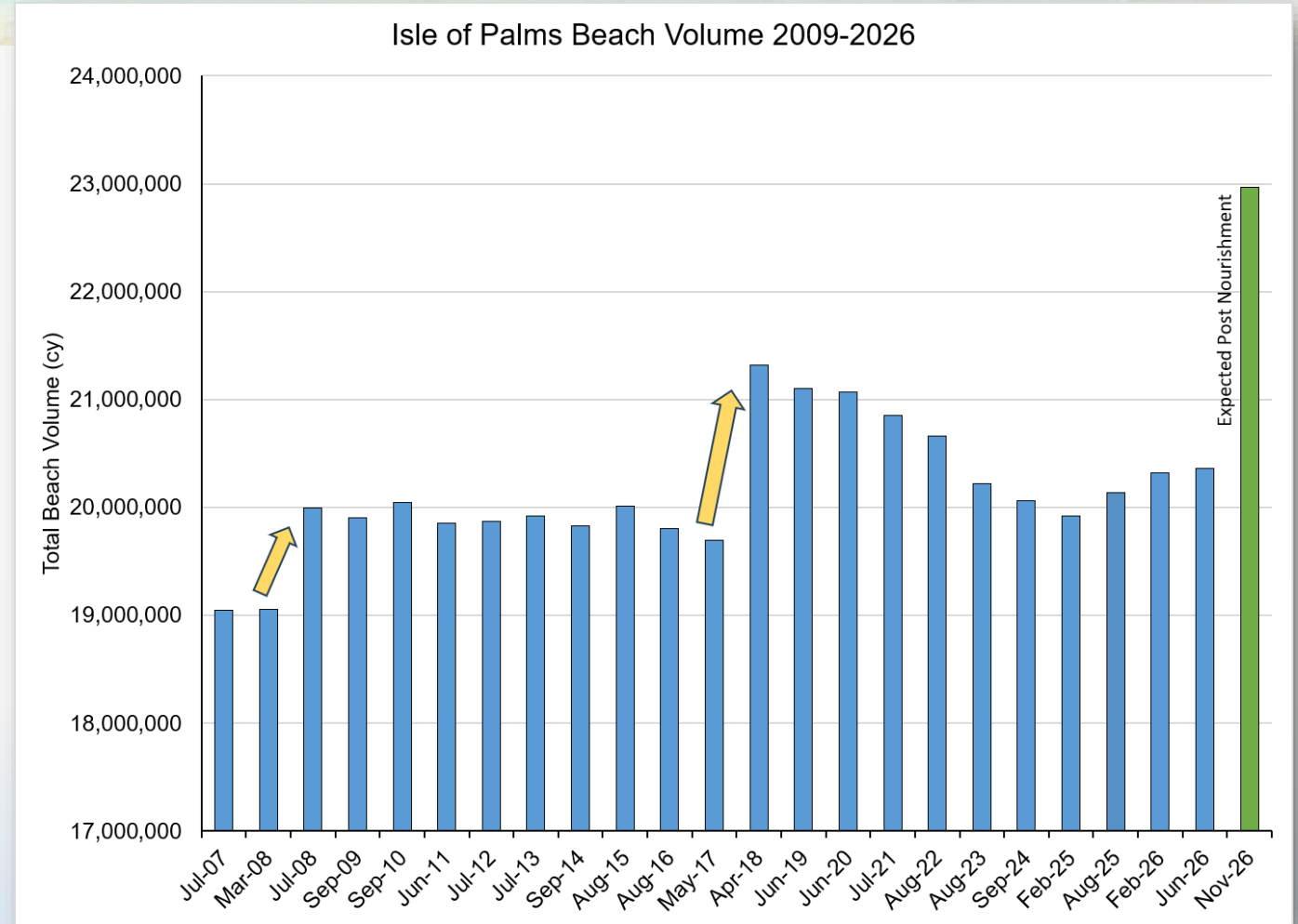
South End (Monitoring Reaches 1-2)

- Shoreline is near the 2009 position between 4th and 8th Ave.
- Shoreline is at healthiest position recorded between 8th and 21st Ave
- Southern 1,000 lf of beach still eroded but likely to gain additional sand over next few months



Total Volume

- Nourishment will add 2.5 million cy of sand to the beach
- Overall, the island will hold nearly 1.6 million cy more sand than at any prior point since 2009.
- Prior nourishments have had a significant benefit to entire island
- Erosion hotspots near inlets will continue



Nourishment Update

- Mobilization to IOP began 7/7/2026
- Subline landed in Reach 2 on 7/16/2026
- Dredge Mobilized to borrow area on 7/25/2025
- First material pumped on shore on 7/27/2026
- First payment application on 8/14/2026 (Sta 280+00 to 296+00)
- Last Completed Station: 314+00 (Ocean Club)
- Anticipated Reach 1 Completion Date is 9/16/2026* Earlier if weather is favorable



Volume Breakdown

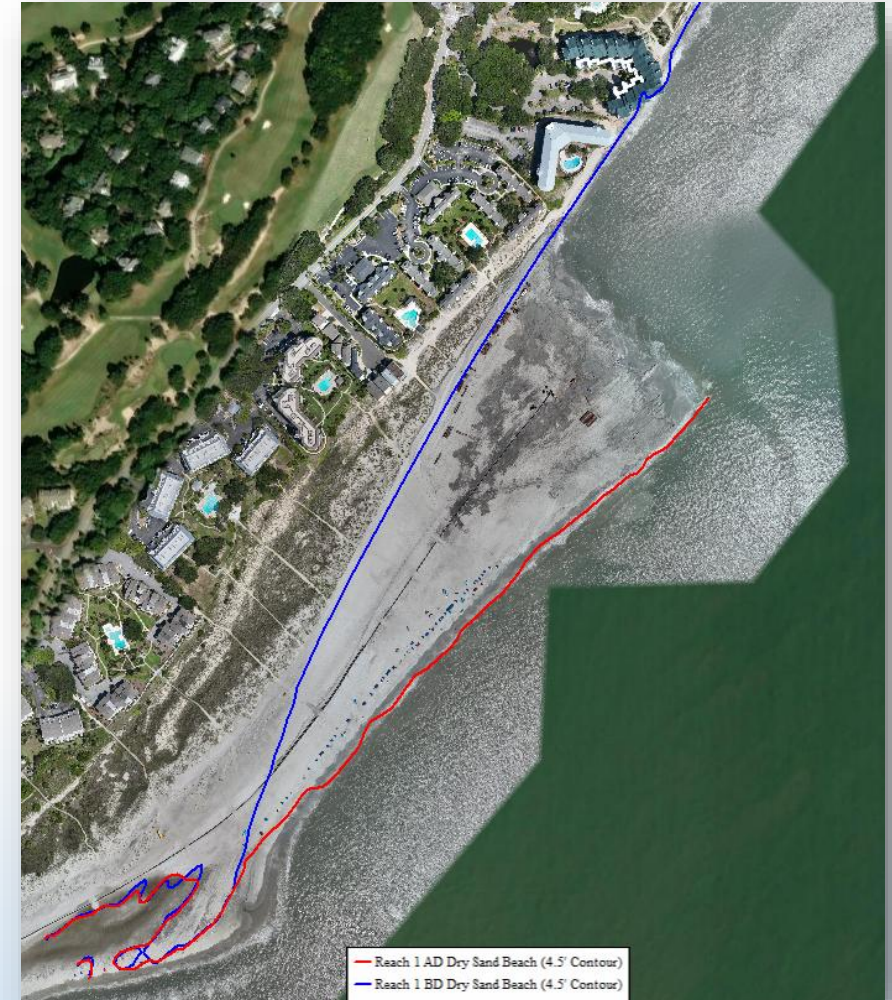
Reach 1: 900,000 cubic yards

- Placed to data (Aug 19): 526,913 cubic yards
 - Up to Station 309+00 (Seascape Villas)
 - Widest part of the template
- Pay App 1: 98,676 cubic yards
 - Station 280+00 to 296+00
 - Also included a portion of mobilization



Shoreline Growth

- Dune construction along 2,600 linear feet of Reach 1
- Average berm width of 300 feet of dry sand beach
 - Widest berm width is around ~600 feet
- Marinex has three spreaders to accommodate for wide berms
- Beach will equalize its profile shortly after completion and berm widths will decrease



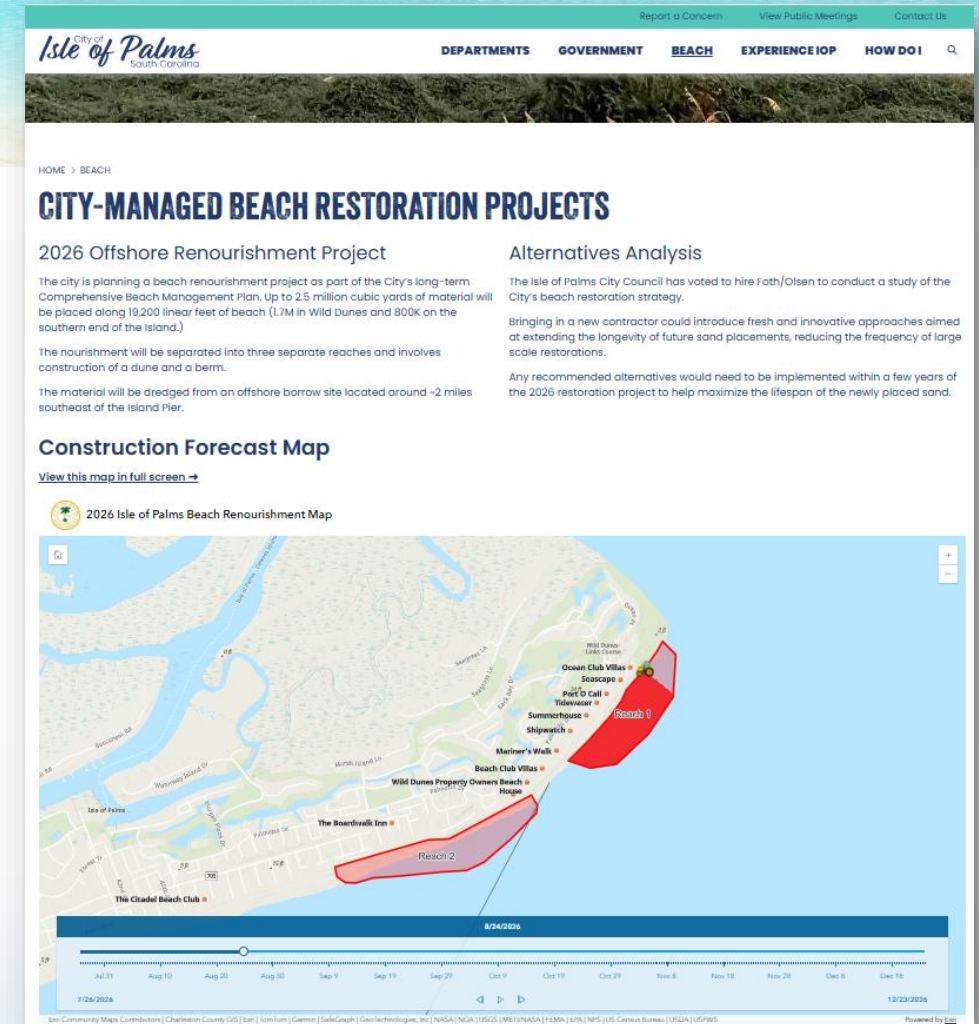
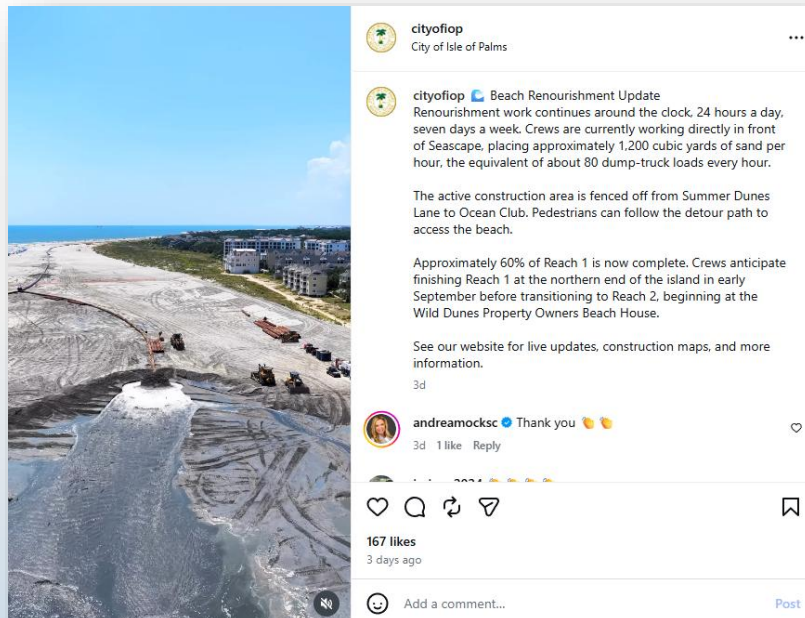
Next Steps

- Reach 1 expected completion is around September 16th
- Sandbag removal underway – Mostly complete at north end
- Move onto Reach 2 directly after for 800,000 cubic yards
 - Dredge may have to move to complete Reach 3 depending on timing due to USFWS work windows
 - USFWS work windows require all work within 1 mile of an Inlet to be done by November 30th
 - USFWS zone covers up to Access 7 (67% of sand in Reach 3)
- Continued beach monitoring



Beach Project Info

- <https://www.isleofpalms.gov/city-managed-beach-restoration-projects> Continued beach monitoring
- Click top banner on [isleofpalms.gov](https://www.isleofpalms.gov)
- Instagram/Facebook



THANK YOU!

