



# Shoreline Status

The aerial photographs used in this presentation were taken on March 13th, 14th, and 16th of 2021

Fripp Island - Shoreline Committee

March 18, 2021







#### Looking South

The flattening of the attached shoal has separated the tidal pools. The "south pool" drains southwards along the beach into a series of smaller pools.

### Looking North

The "north pool" runs the length of the beach, draining to the ocean in the center with small remaining pockets of water on each end.





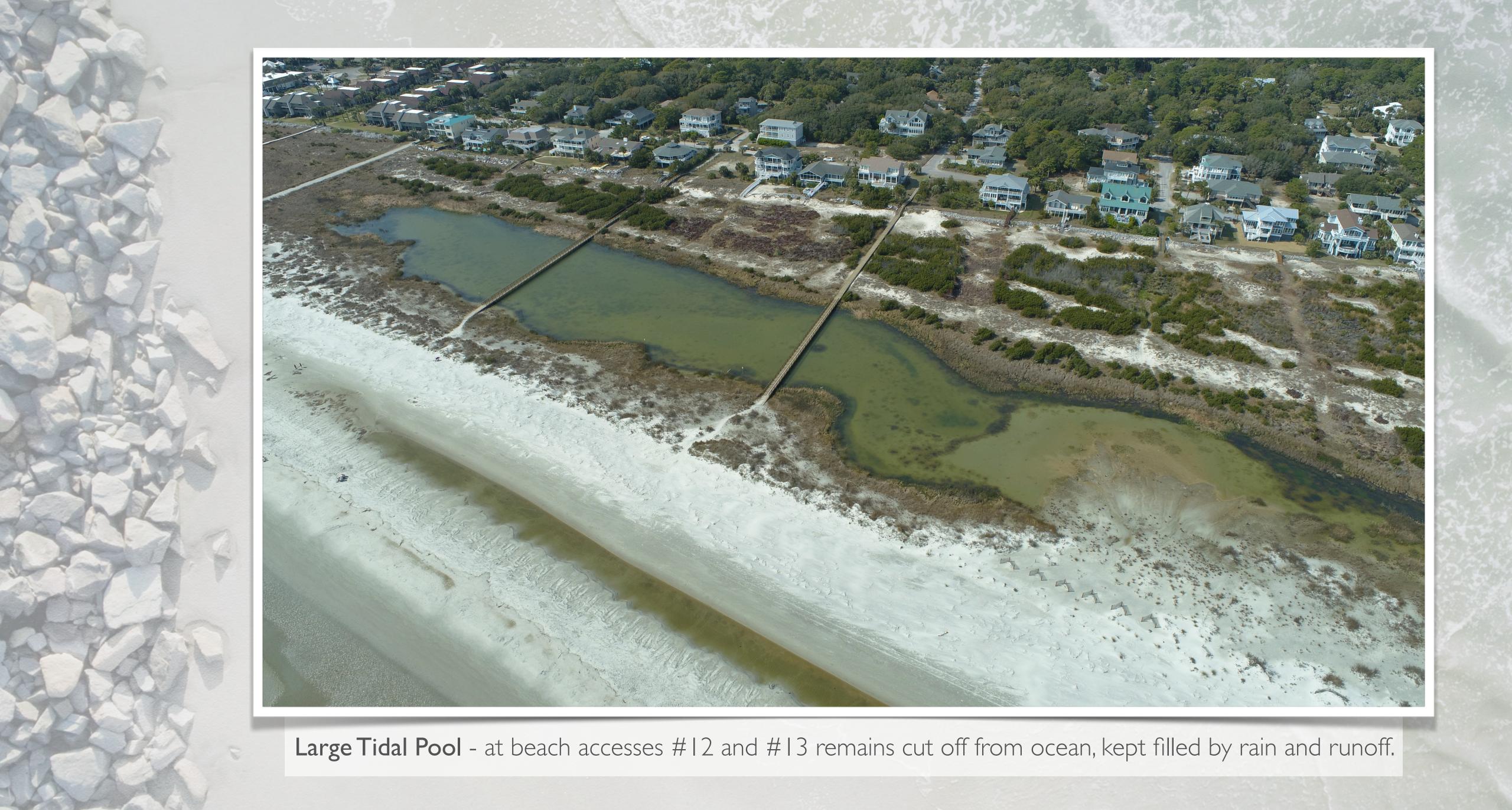


#### Detail of "north pool"

Looking south. Main body of water drains out through a winding egress located in the center of the stretch of water. Egress changes shape constantly.

## Detail of "north pool"

Looking north. Small pool of water remains at #1b. Water covers the base of the stairs at high tide, but at low tide the stairs are accessible.









The recently formed tidal pool at #1b, rises and falls with tide cycle but doesn't drain completely. Not impassable, but user would get wet feet at high tide. Also, very slick mud around the area of the stairs even at low tide. Mud could be an issue.

















Two large areas of scouring damage viewed at the opening of the salt marsh. New seawall visible along River Club towards Quail Cove neighborhood.

View of scouring damage next to Mollura residence. Also visible, high tide mark in the sand leading towards bridge area shows two (maybe three) homes sit forward of the high tide wrack line.





Detail, photographed at low tide, of the massive scouring damage located in the center area of salt marsh.



Detail, photographed at low tide, of scour-damaged area next to Mollura residence.



Mouth of salt marsh showing orientation of homes in relation to shoreline and location of scour-damaged areas.



Montage of high tide mark in relation to homes and shoreline.



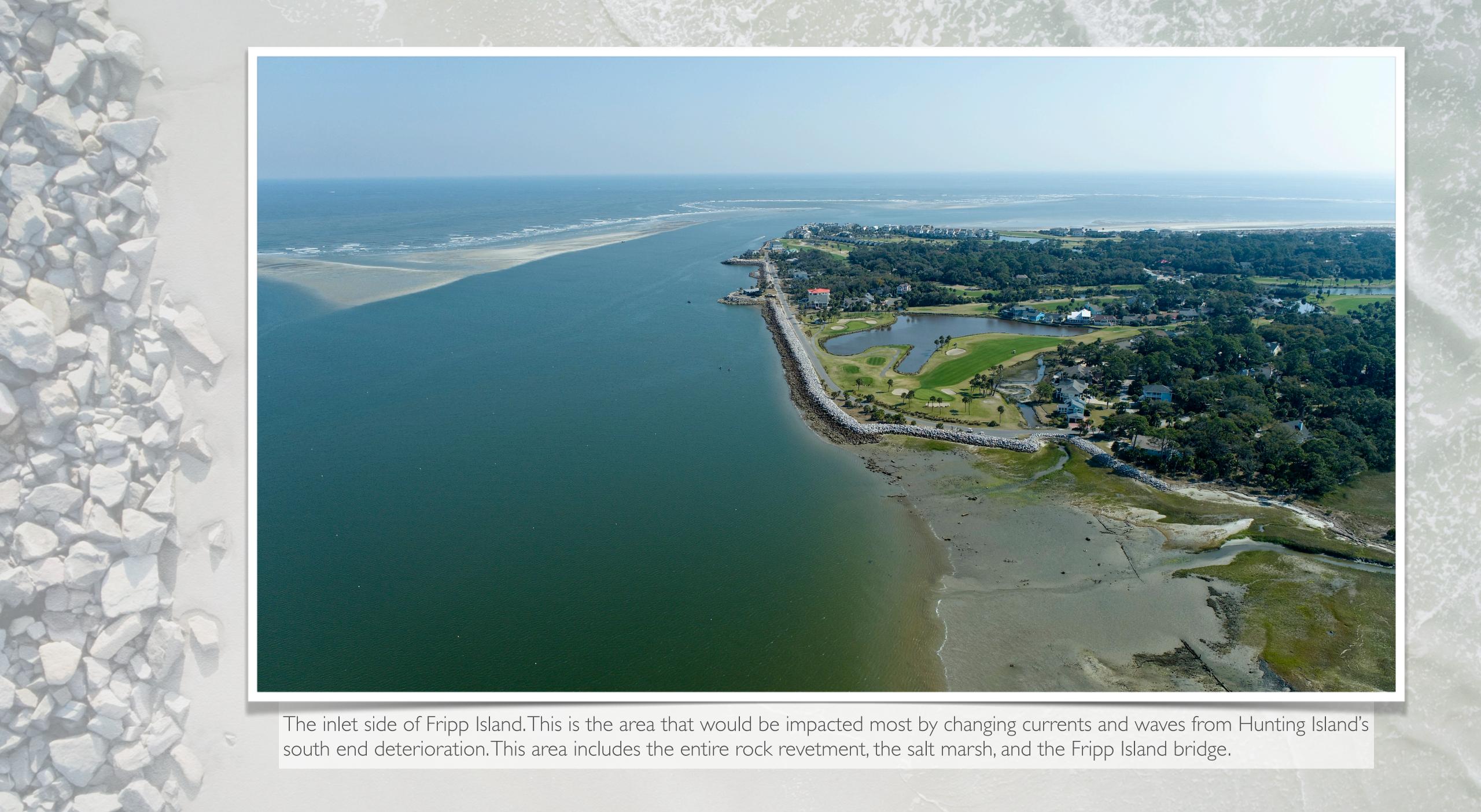




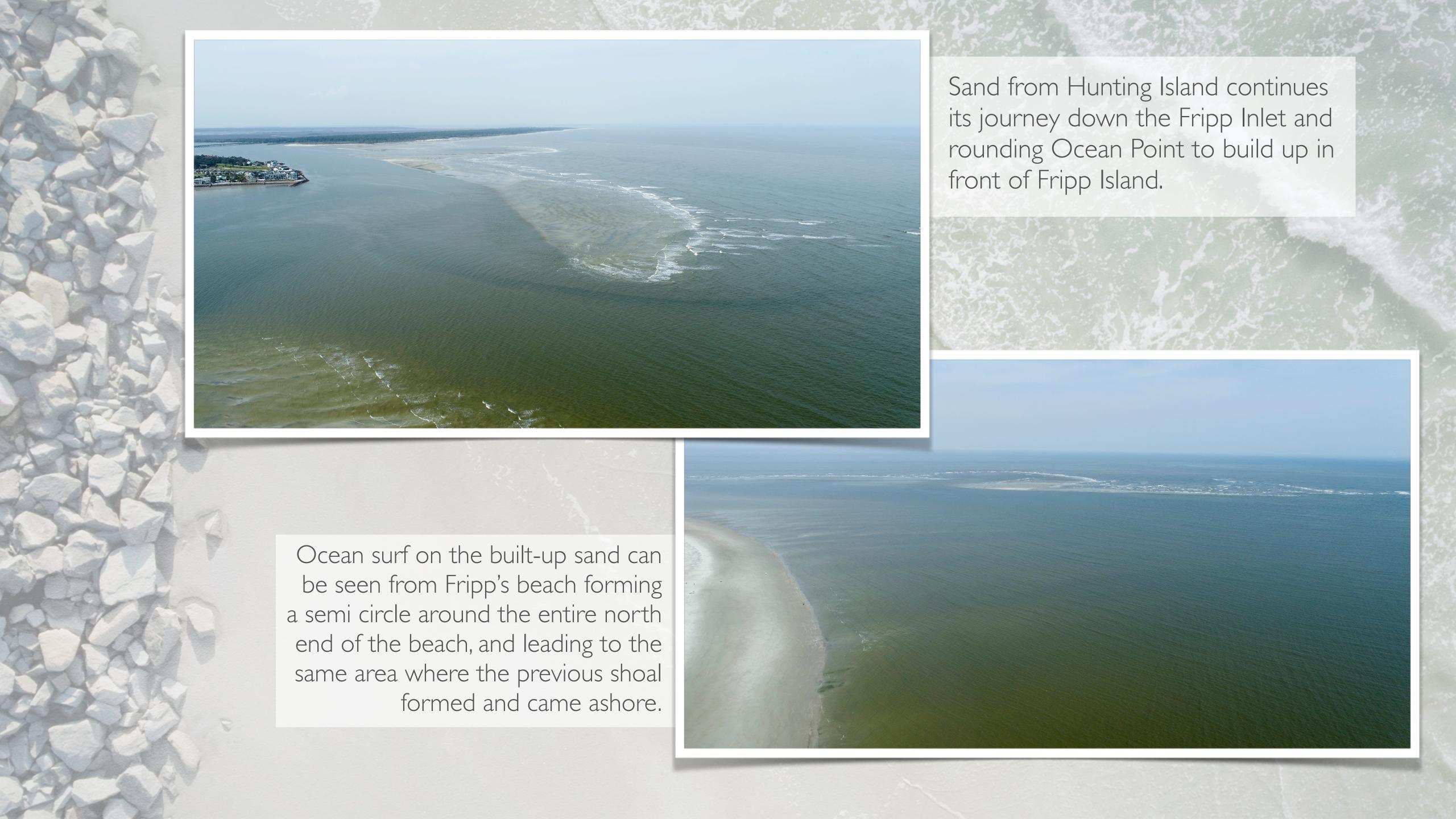


A visual scale of the amount of sand building in the Fripp Inlet.







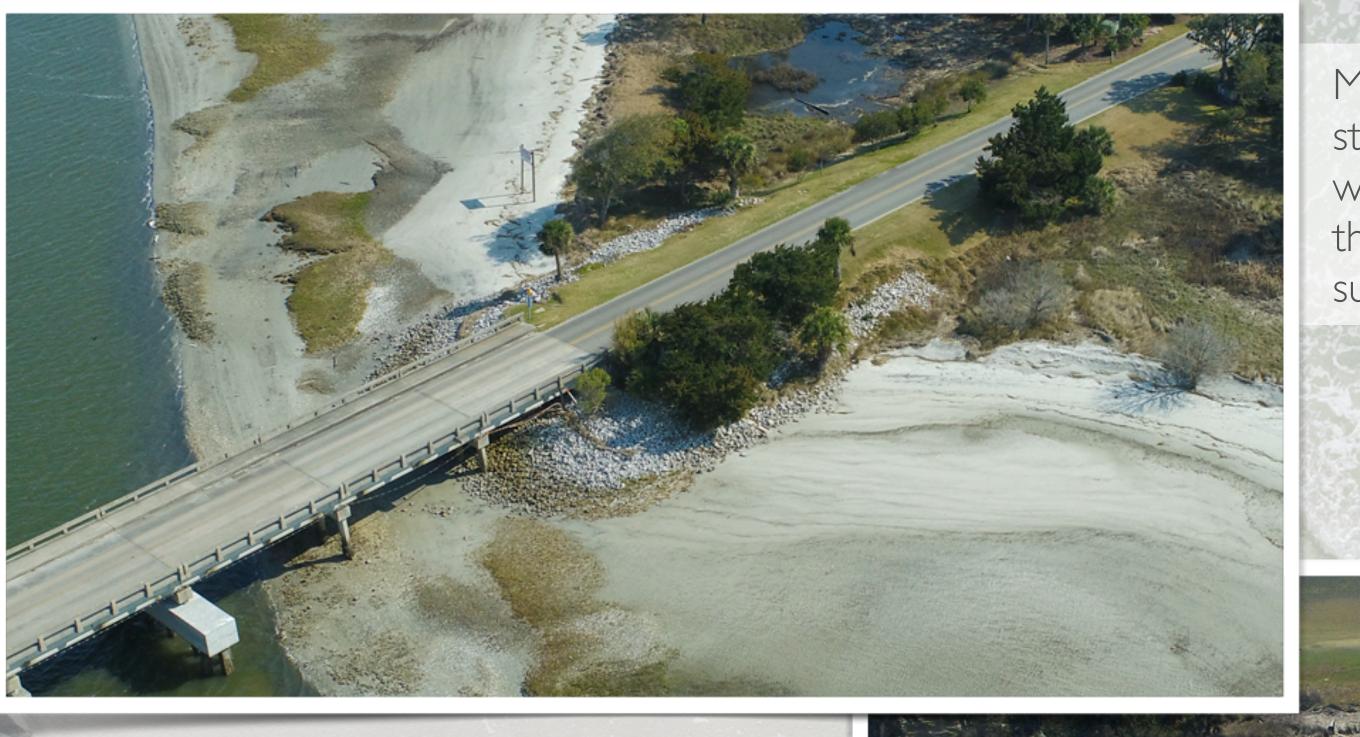












More of the earthen approach ramp sticks out as the scouring caused by wave action removes the vegetation, and then the soil, leaving only sand which is subject to shifting and movement.

Another angle shows the wrack line midway up the protective rock and extending well beyond the end of the bridge. The earthen approach begins to take on the role as part of the bridge instead of a just a ramp to the bridge.



