

A photograph of a beach restoration project. The foreground is filled with various coastal plants, including clumps of beach grass and a large, bushy plant with numerous small yellow flowers. A wooden post-and-rail fence with a white rope runs across the middle ground. In the background, a wide, sandy beach leads to the turquoise ocean under a clear blue sky.

# **South Siesta Key Beach Restoration Project**

## South Siesta Key Beach Project Update

## Area Map





A photograph of a beach scene. In the foreground, a wooden fence with white rope runs along the edge of a grassy dune area. The beach is wide and sandy, leading to the ocean. In the background, there are trees and a building with a red roof. The sky is blue with some clouds.

## Project Data

**Design/Permitting Phase –  
3+ years**

**Sand fill – 2 ½ months –  
completed on March 4, 2007**

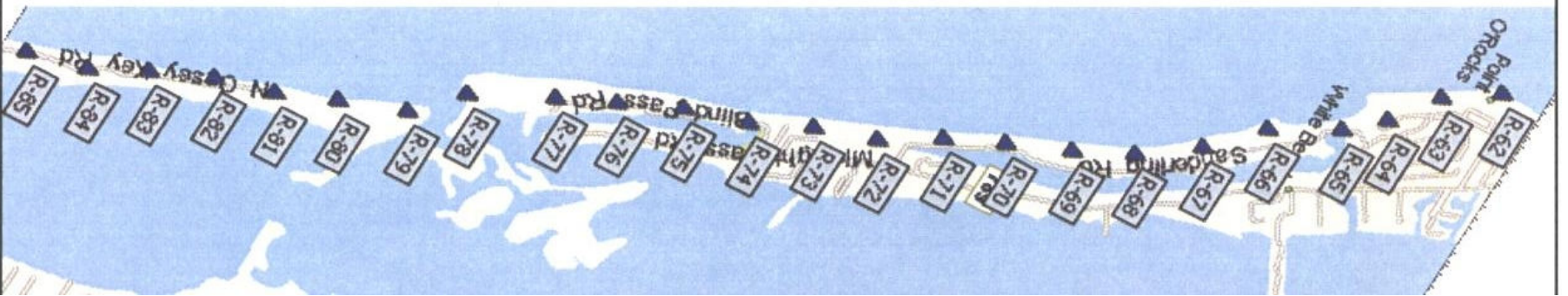
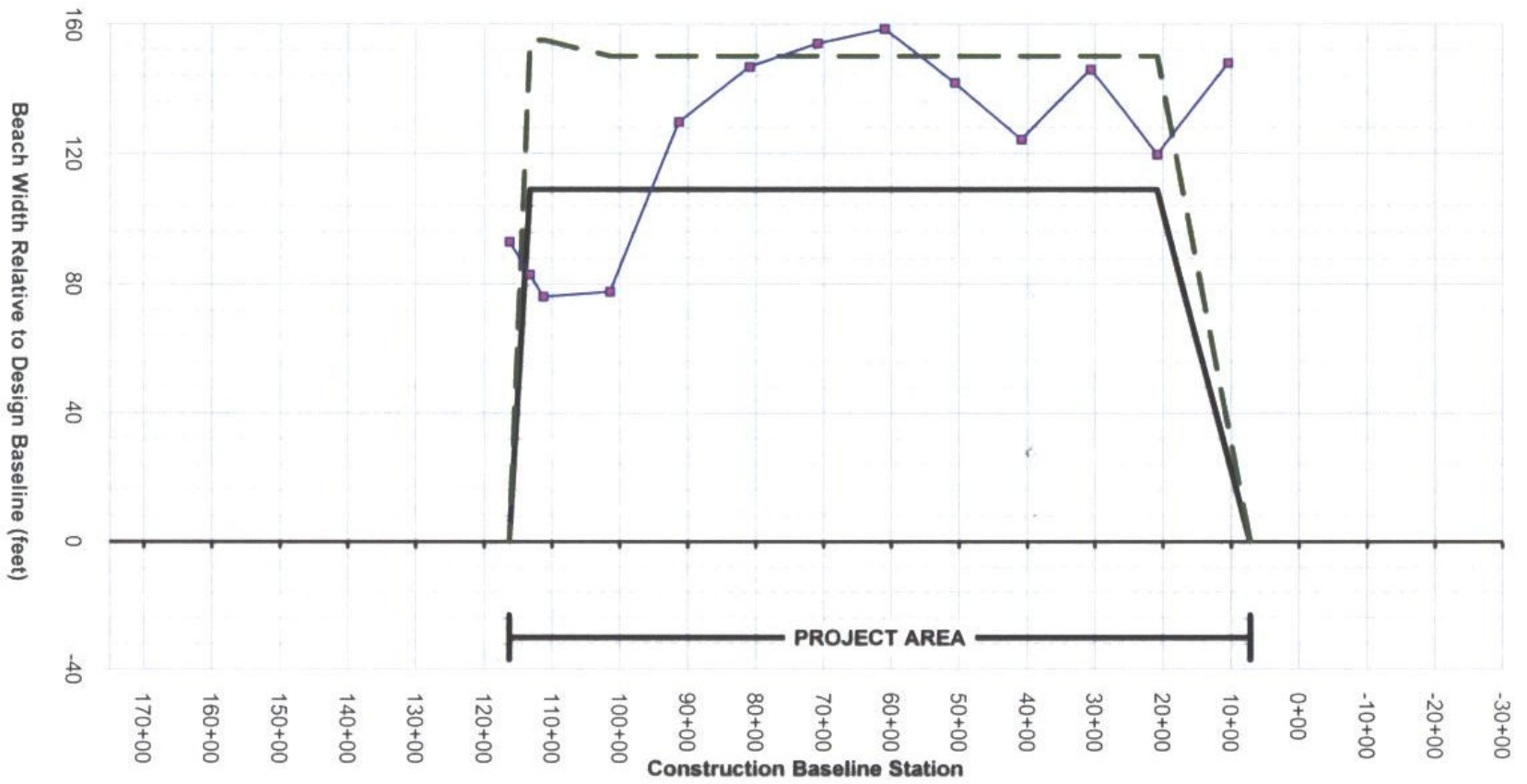
**922,300 cubic yards of material**

**Length of project – 2+ miles**



## Project Performance – August 2010 Monitoring

- Beach Width – 129 ft (20 ft wider than design)
- Erosional Hot Spots – north & south ends
- Sand Volume – 93% remains in project area
- Hardbottom impacts – negligible
- Dune Plantings – successful



Looking south to Colkitt House 9/24/10



Colkitt House 9/24/10



Colkitt House, pre-nourishment project



A photograph of a sandy beach with a wooden fence and a building in the background. The beach is wide and sandy, with a few people visible in the distance. The fence is made of wooden posts and white rope, running along the edge of the beach. In the background, there are trees and a building with a red roof.

## **Timeline/Alternatives**

- **Renourishment vs Hot Spots**
- **Estimated 2014/2015 Timeframe**
- **Recommended Preliminary Work**

A photograph of a sandy beach with a wooden fence and a building in the background. The beach is wide and sandy, with a wooden fence made of posts and white rope running along the edge. In the background, there are trees and a building with a red roof. The sky is blue with some clouds.

## TDT Fund 186

- Decreased percentage of penny for beach nourishment (70%-50%)
- Decreased annual revenue (\$1.7M-\$1.2M)
- Adequate funding balance for full renourishment + additional project(s)



## Next Steps

- Sand Search
- Formal Alternatives Analysis
- Recommended SOW for Approval

Questions?

