Krista J. Egan, E.I. Albert E. Browder, Ph.D., P.E.

FSBPA 2017 National Conference on Beach Preservation Technology Stuart, FL



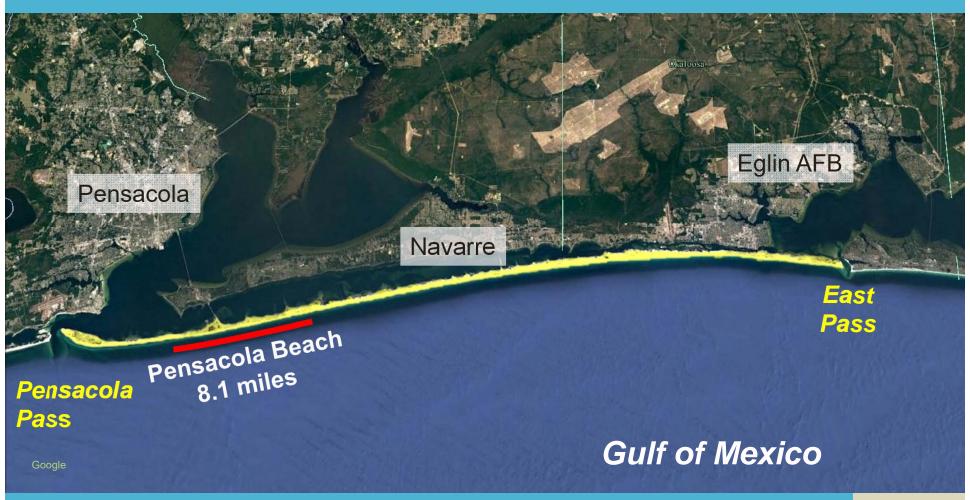


osen associates, inc. Coastal Engineering

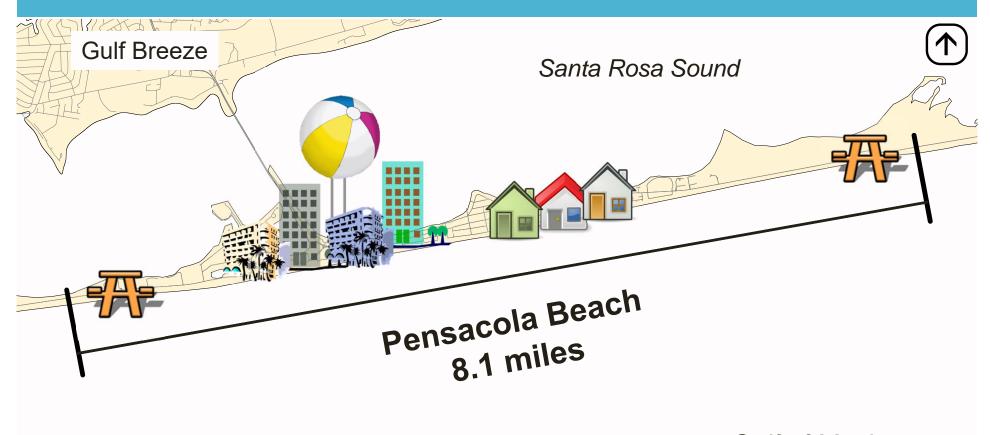
PENSACOLA BEACH, FL 2016 BEACH RENOURISHMENT PROJECT CONSTRUCTION





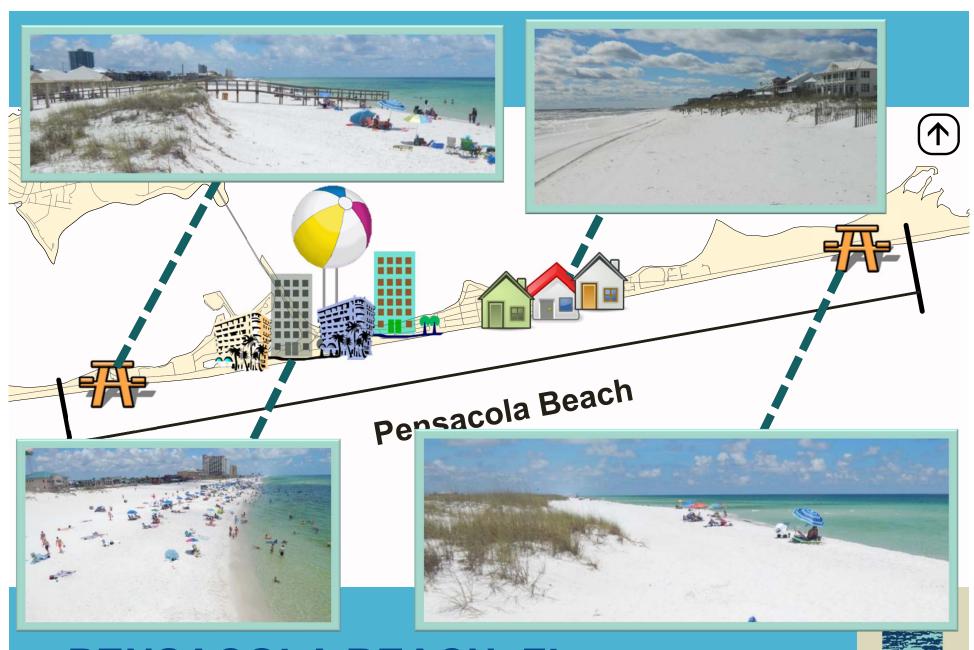






Gulf of Mexico



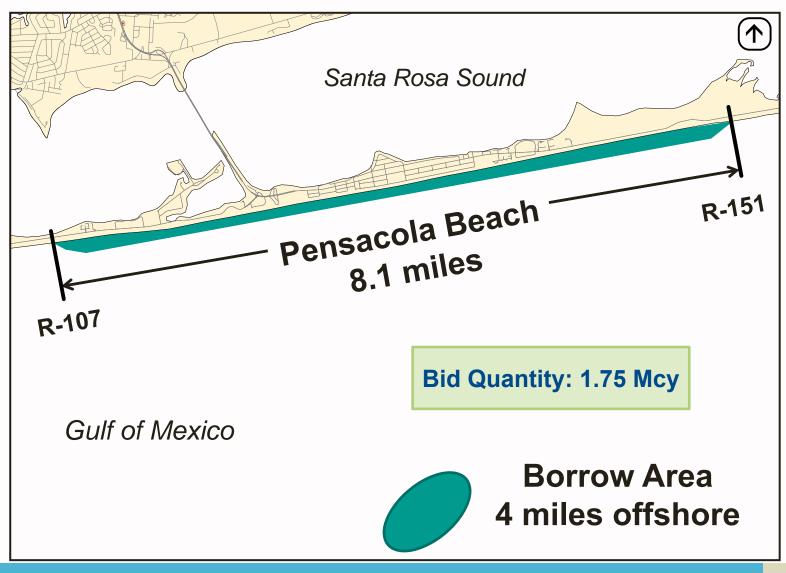






PROJECT NEED





PROJECT SCOPE



Company	Dredge	Bid Quantity (1.75 Mcy)
Weeks Marine	R.S. Weeks (cutterhead)	\$15,312,500.00
Great Lakes	Terrapin Island	\$17,782,000. <u>00</u>
Manson	Glenn Edwards	\$19,997,500. <u>00</u>

PROJECT COST

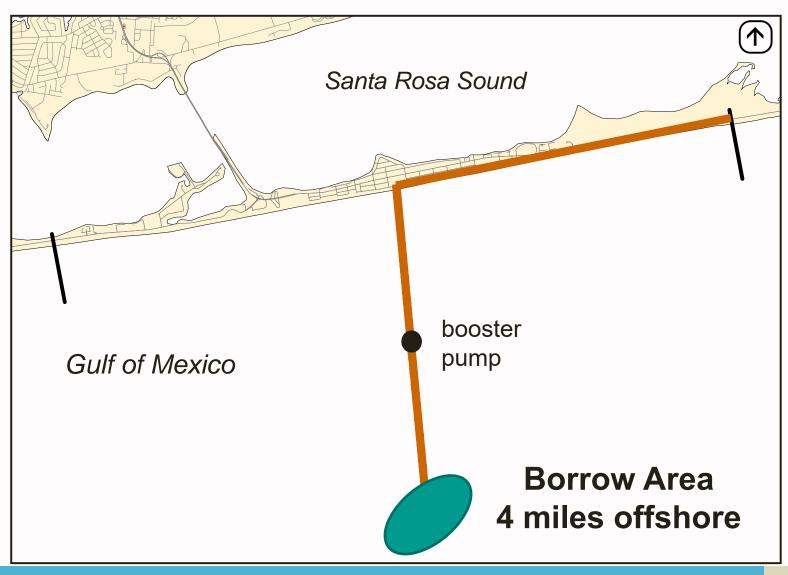






PROJECT COST





INITIAL PLAN & EQUIPMENT

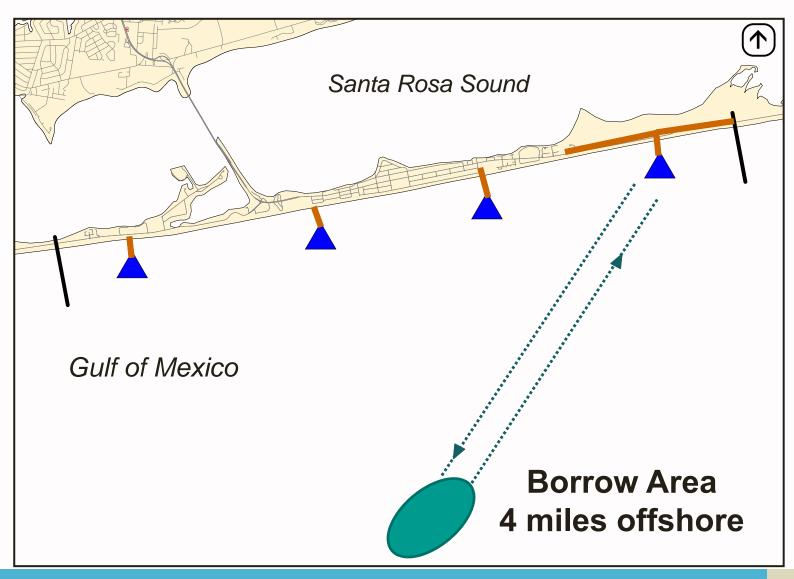






PLAN & EQUIPMENT (II)





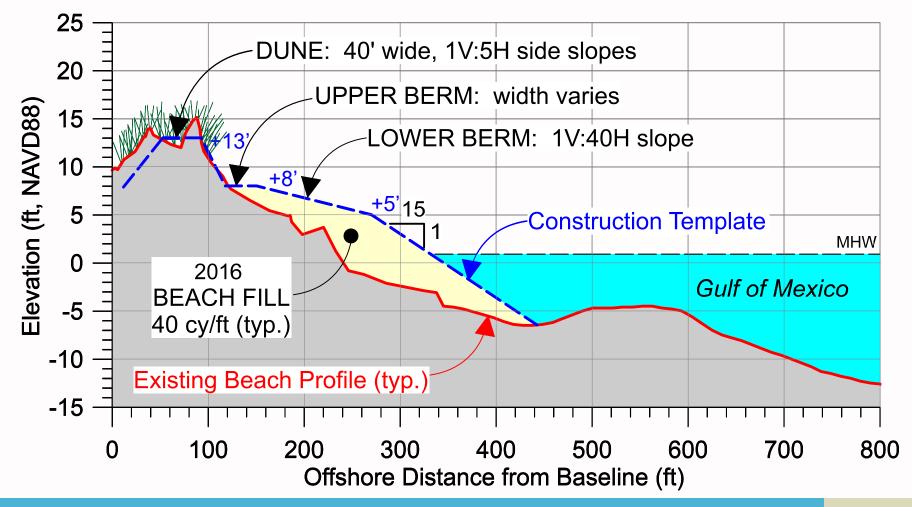
PLAN & EQUIPMENT (II)





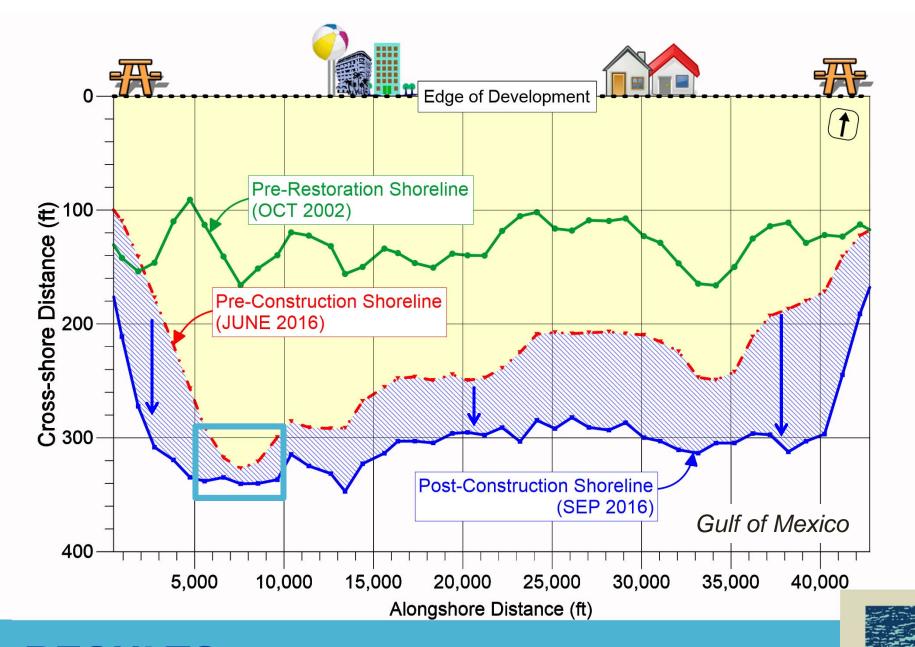
TIMELINE





DESIGN





RESULTS





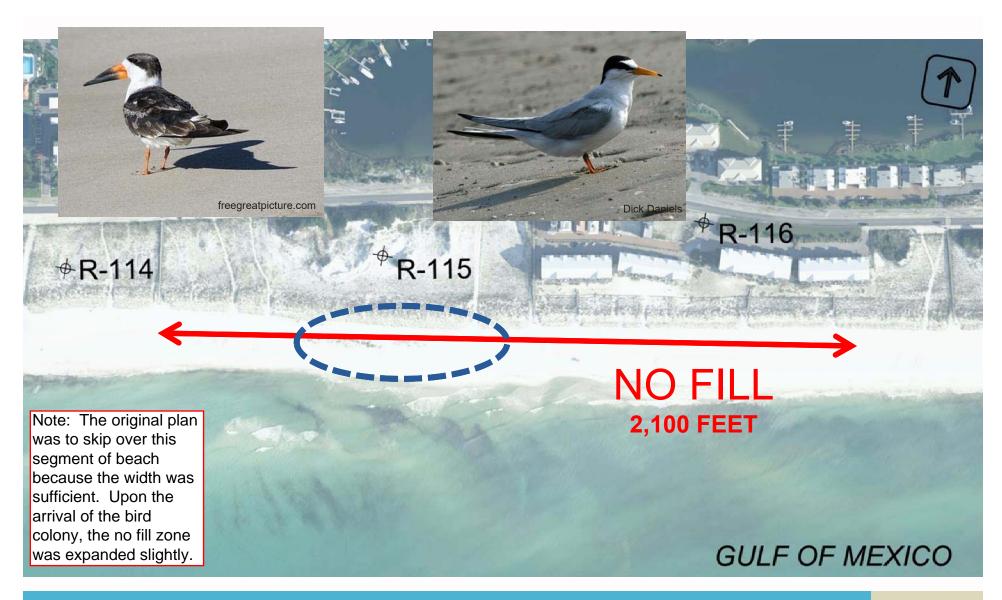
RESULTS





PRODUCTION





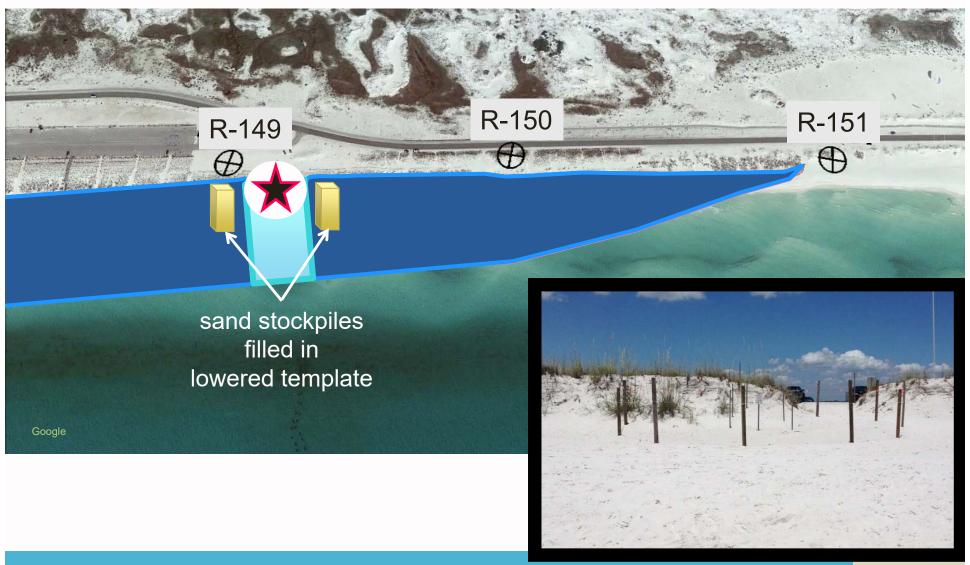
NESTING SHOREBIRDS





SEA TURTLE TRAWLING





SEA TURTLE NEST RELOCATION







PRE-TO POST-CONSTRUCTION





DUNE RESTORATION

Photo: Park West at Pensacola Beach





PRE-RESTORATION TO 2016





PRE-RESTORATION TO 2016



PENSACOLA BEACH, FL 2016 BEACH RENOURISHMENT PROJECT CONSTRUCTION

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Project Sponsor:



Florida Department of Environmental Protection

Contractors:

Weeks Marine, Inc. & Aquatic Plants of FL, Inc.

Engineer: Olsen Associates, Inc.