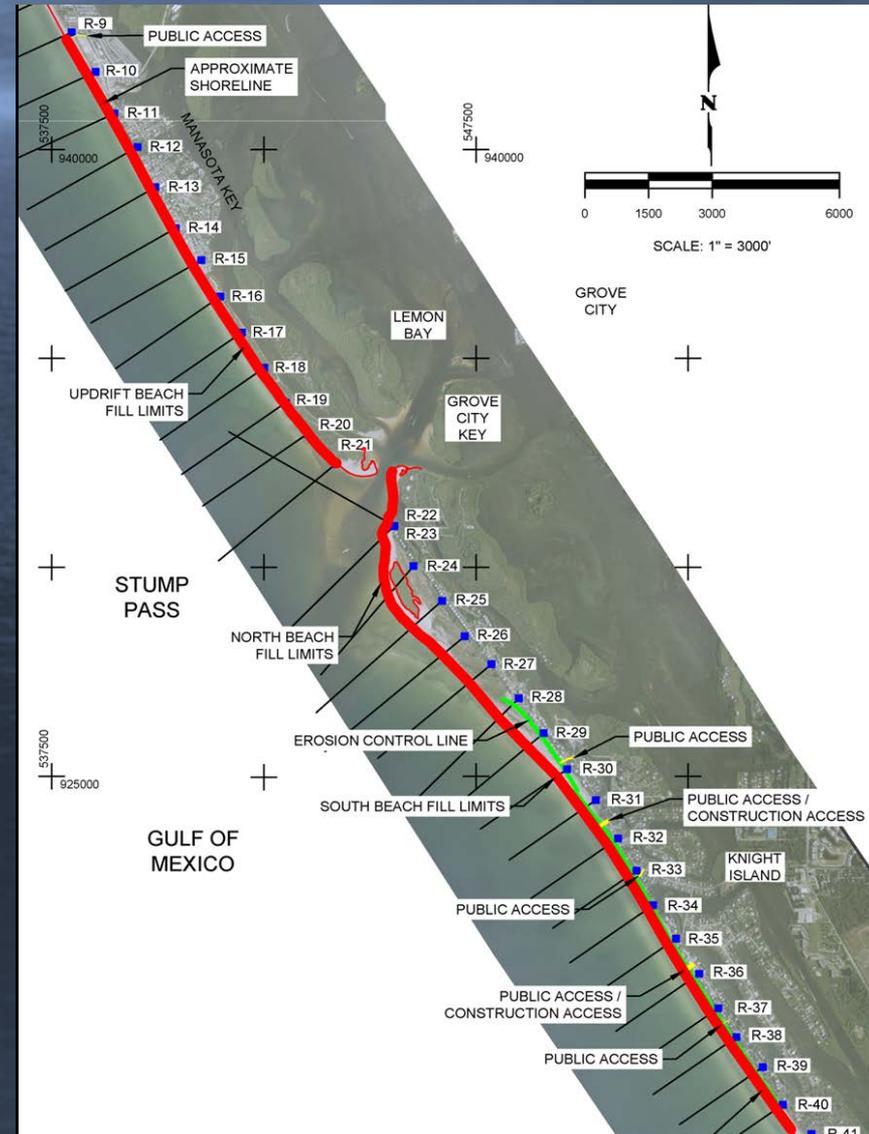


JOINT MEETING OF CHARLOTTE COUNTY AND SARASOTA COUNTY  
BOARD OF COUNTY COMMISSIONERS  
NOVEMBER 3, 2015



# CHARLOTTE COUNTY EROSION CONTROL PROJECT UPDATE



# 2016 PROJECT

- Manasota Key: Install low crested permeable rock groin, Place approximately 180K CY (Offshore Borrow Area/Stump Pass Channel)
- Stump Pass: Conduct maintenance dredging of Navigation Channel (150 ft wide by 9 ft deep on inside and 300 ft wide by 11 ft deep on outside); place approximately 40K CY (Stump Pass Channel) on southern shoreline
- Knight-Don Pedro Islands: Place approximately 200K CY (Offshore Borrow Area) on gulf-front beach
- Opinion of Probable Construction Cost = \$7.5 Million
- Funding Sources = MSBU, MSTU, TD Tax, Boater Funds, WCIND, DEP Beach Management Funding Assistance
- Permit Status: DEP & USFWS BO are issued, Waiting on NMFS BO and USACE Permit

# FUTURE ACTIVITIES

- Beach Renourishment of Current Project (avg. 8-Yr cycle)
- Beach Nourishment of Additional Segments (e.g. County Englewood Beach Park to State Park Beach, and Palm Island inlet and gulf-front shorelines)
- Periodic Maintenance Dredging of Stump Pass Navigation Channel (avg. 4-Yr Cycle)
- Operation, Monitoring & Maintenance Elements
  - Conduct Annual Monitoring (Physical and Biological)
  - Adjust Permeability of structure, minor repairs to structure
  - Place sand for ebb shoal reformation if not meeting FDEP goals
  - Place supplemental fill on Hot Spots, Sand Sharing
  - Maintain flushing within Rum Cove Lagoon