Project Requirements

- 31 acres available; required to build 16.6 acres
- Select fill cap (5 to 10% fines) to -4ft MLLW +/- 0.5ft
- Contract specifications dictated ‘Design/Build’
Project Challenges and Solutions

• Timing/sequencing placement of sediment from both dredge areas and upland sand sources in less than 2 years
• Maintain water quality standards in an Aquatic Preserve
• Level placement over irregular bottom
• Complete ALL work (including seagrass plantings) by Contract end date
Excerpt from Daily Miami Metropolis – September 3, 1919: “Fourteen old Spanish cannons, recovered by Captain {James} Webster in 30 feet of water a few miles north of Careysfort Light, will be used as mooring anchors for tugs, barges and buoys while working on Government Cut.”
Project Photos
Takeaways

• **560,000 CY of dredged material ‘Base Fill’**
  - 1,192 scow loads
  - Commence January 8, 2014; complete October 19, 2014

• **85,000 CY of ‘Select Fill’**
  - 2 ft “cap” of upland mined sand over Base Fill
  - 285 barge loads
    - 5,500 dump trucks from local quarry
  - Commence January 8, 2015; complete July 7, 2015

• **17.1 Acres restored to -4 ft MLLW**