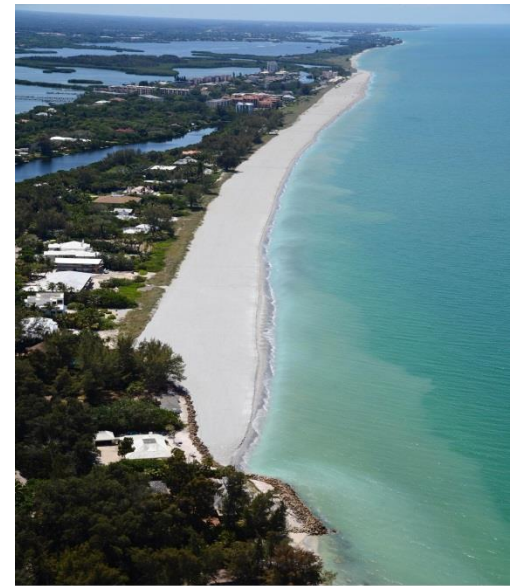


South Siesta Key (SSK) Beach Restoration Project, Ph. II

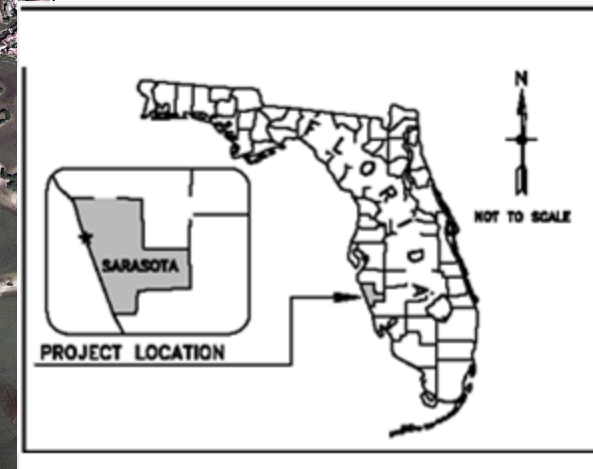
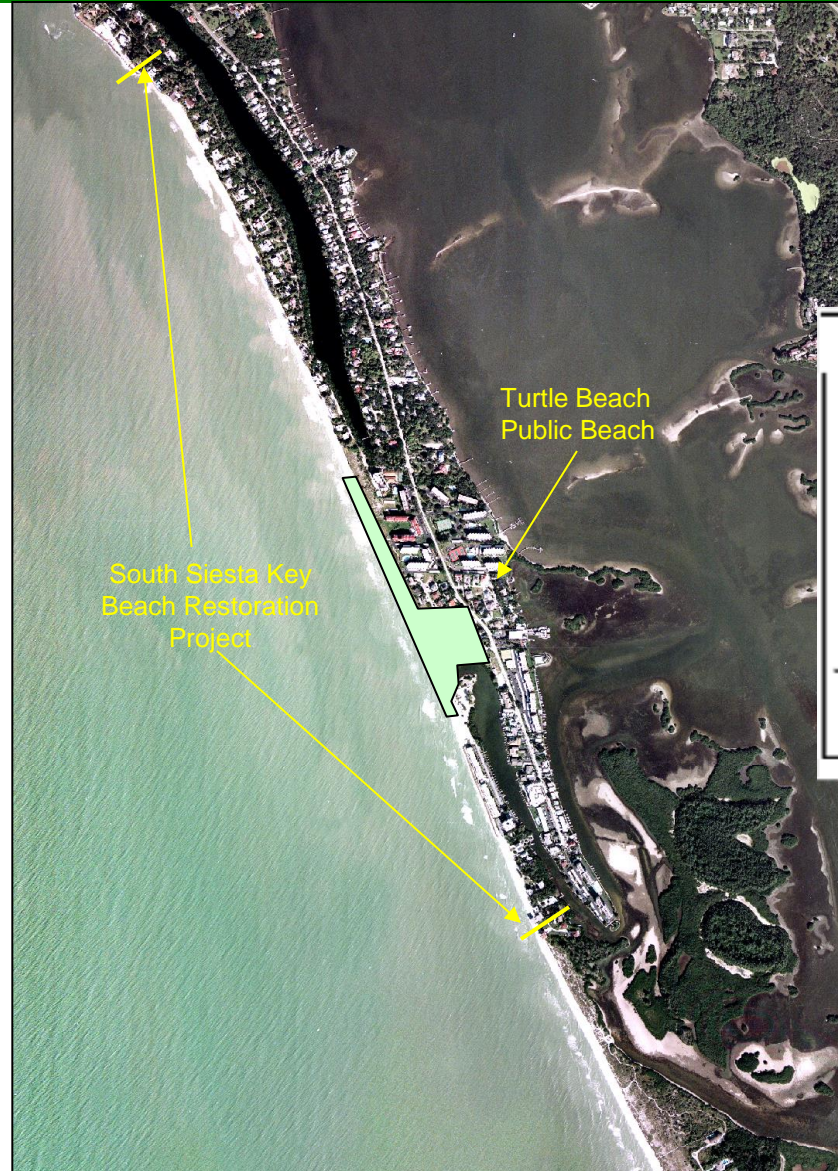
FSBPA

September 16, 2016



SSK Beach Restoration

Area Map



SSK Beach Restoration

Project Data

**Design/Permitting Phase –
Humiston & Moore Engineers**

Sand fill – Weeks Marine, Inc.

713,000 cubic yards of material

Length of project – 2+ miles

**Sand Source – 3 areas in the Gulf,
7 – 10 miles offshore**



SSK Beach Restoration

Project Timeline – Design/Permitting

- July, 2013 – BCC approved Humiston & Moore contract
 - April 18, 2014 – Permit application received by FDEP
 - April 23, 2014 – Permit application received by ACOE
 - December 18, 2014 – FDEP permit issued
 - October 16, 2015 – ACOE permit signed (10-month delay due to new listed species requirements)
- 

SSK Beach Restoration

Project Timeline - Construction

- December, 2015 – Construction contract awarded to Weeks Marine, Inc.
- March 9, 2016 – Construction (sandfill) begins
- April 26, 2016, 5:30 pm – Construction (sandfill) completed



SSK Beach Restoration

**Beach fill in
progress**

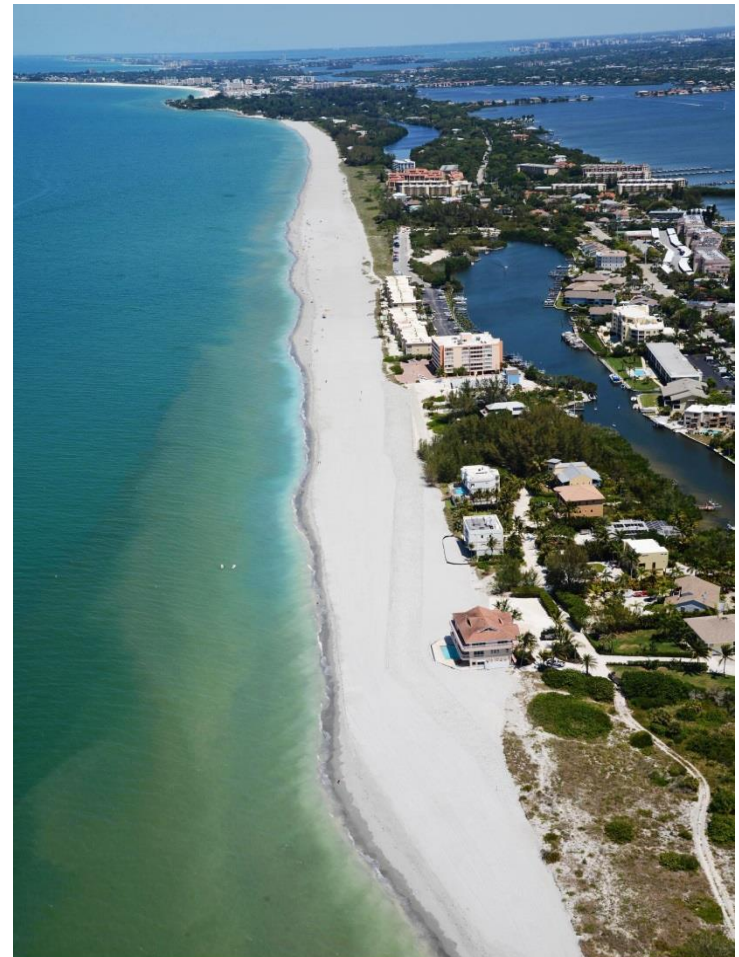
**Started at south
end of project**

March 23, 2016



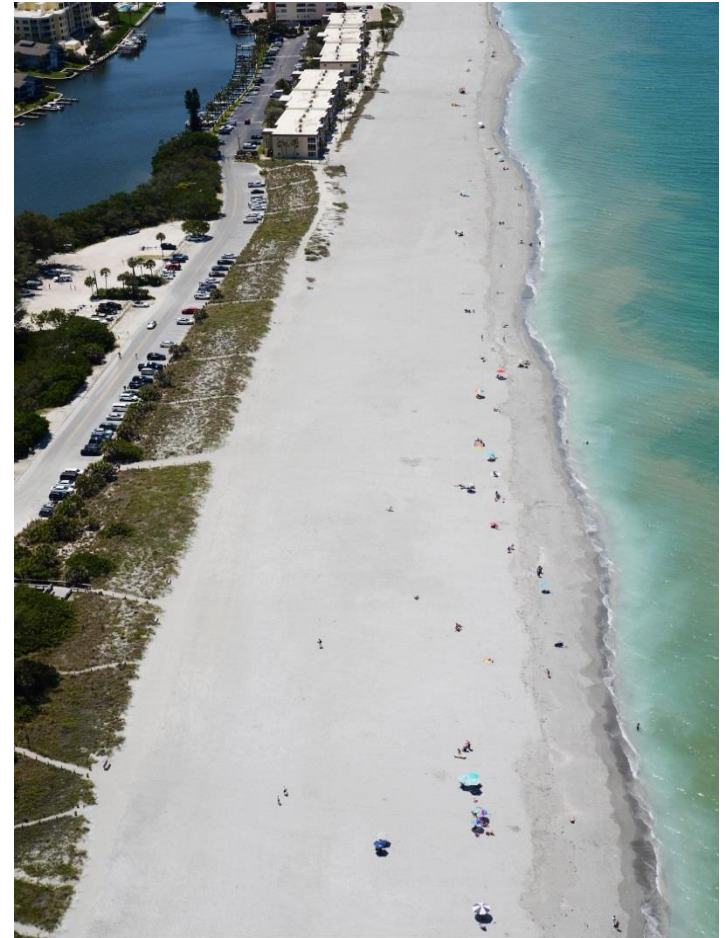
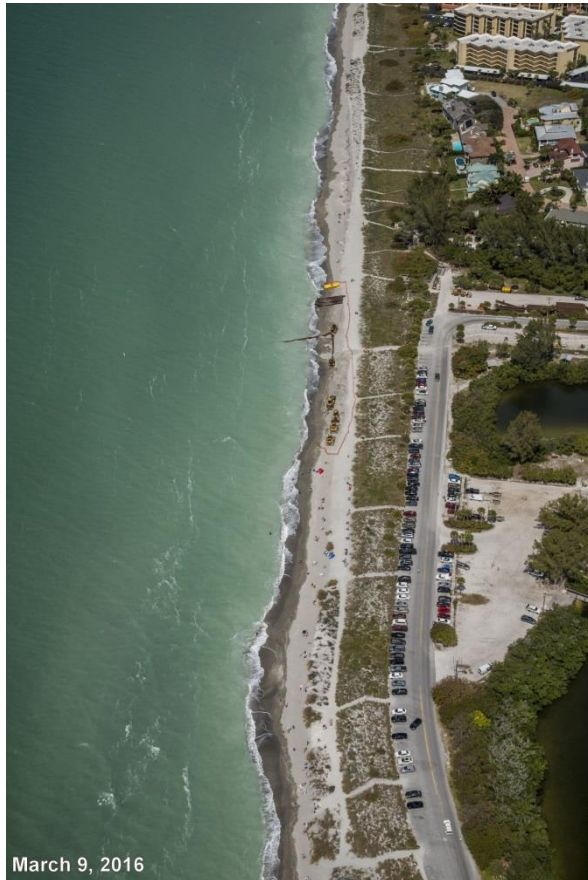
SSK Beach Restoration

SSK Shoreline – before and after project



SSK Beach Restoration

Turtle Beach – public beach before and after project



SSK Beach Restoration

Sea Turtle Protection

**Trawler patrolled in
advance of dredge**

**46 sea turtles
relocated out of
harm's way**

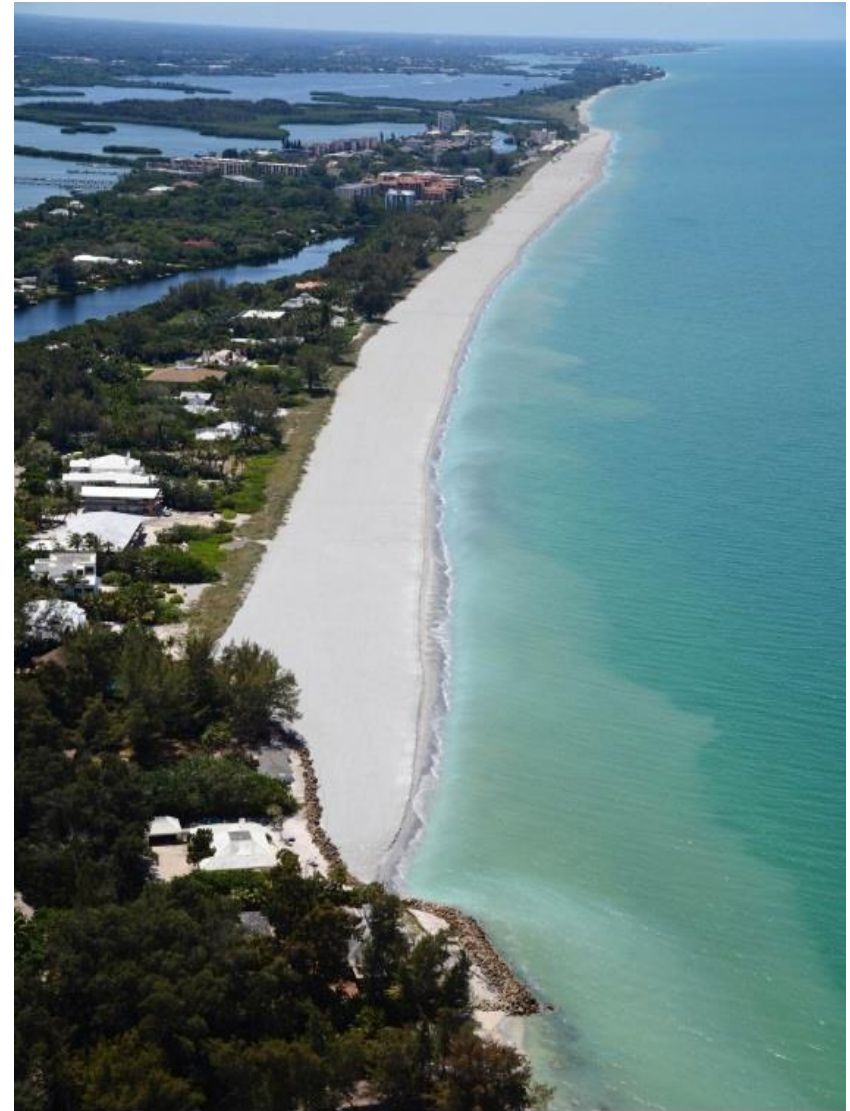
No sea turtle takes!



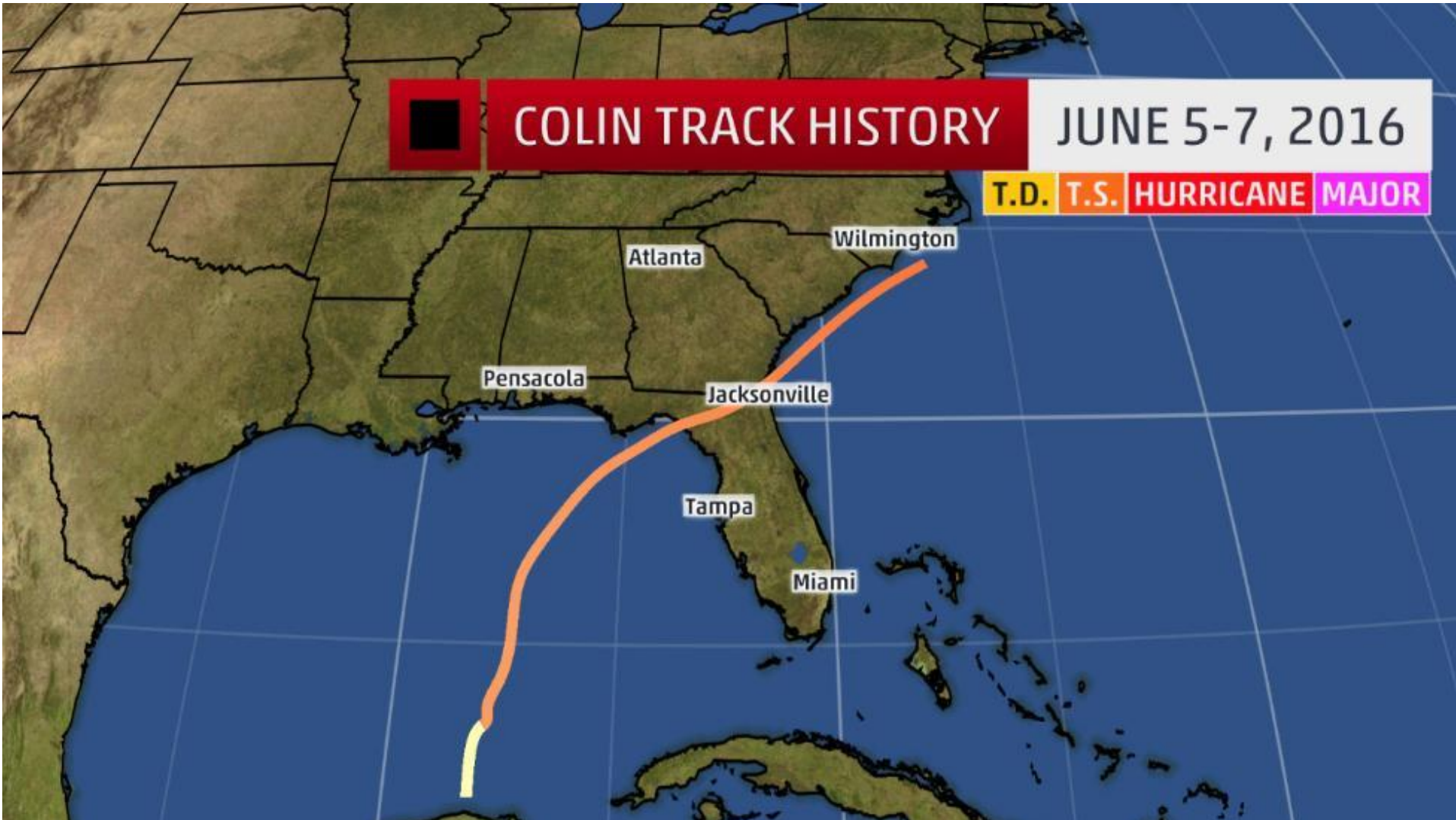
SSK Beach Restoration

Funding

- **Project cost (est.):
\$21.5M**
- **Funding Sources:**
 - TDT
 - State Beach Grant
 - MSBU assessment



SSK Beach Restoration



SSK Beach Restoration

TS Colin



SSK Beach Restoration

TS Colin



Shoreline loss

SSK Beach Restoration

TS Colin



Shoreline loss

SSK Beach Restoration

SSK Post-Colin



SSK Beach Restoration

TS Colin



Shoreline loss

SSK Beach Restoration

SSK Post-Colin



SSK Beach Restoration

June 13, 2016 – Celebrating Success!!



SSK Beach Restoration

June 13, 2016 – Celebrating Success!!



SSK Beach Restoration

So, happy ending???

Not quite yet!!



SSK Beach Restoration

Hurricane Hermine



SSK Beach Restoration

SSK Shoreline – before project



SSK Beach Restoration

**Post-project
and
Two storms!**



Sep 8, 2016

SSK Beach Restoration

Thank You!

