

Longboat Key Town Commission

Jack Duncan, Mayor
Terry Gans, Vice Mayor
Lynn Larson, District 1
Jack Daly, District 4
Pat Zunz, District 5
Phill Younger, At-Large
Irwin Pastor, At-Large

David R. Bullock, Town Manager
Anne L. Ross, P.E., Assistant Town Manager

Project Engineer: CB&I, Boca Raton, FL
Douglas W. Mann, P.E., D.CE.
Beau Suthard, P.G.

Contractor: Collage Design and Construction Group, Inc.,
Lake Mary, FL
Steve Pinyot, Vice President
Edgar Torres, PMC, MBA

Sub-Contractor: Constructco, Inc.; Orlando, FL
Shawn Buchanan

Public Works Department: Juan J. Florensa, Director
James K. Linkogle, Project Manager

Longboat Key is a beautiful place to live, work, and visit, where the natural assets of a barrier island combine with cultural and recreational amenities, visionary planning, and proactive leadership to enhance your way of life.



Town of Longboat Key

North End Structural Stabilization Project Permeable Adjustable Structures

Ribbon Cutting Ceremony

June 30, 2015
10:00 A.M.



North Shore Road Public Beach Access Officially Reopens

PROJECT HISTORY

The construction of two coastal erosion management structures, called groins, was completed June 12, 2015. The project, at a cost of \$2.4 million, included the construction and installation of permeable adjustable groins (PAGs) and placing of approximately 13,000 tons (9,300 cubic yards) of beach compatible sand brought in by trucks from a mine in the center of the state (a 120 mile one-way trip).

Permits from State and Federal agencies were applied for in March 2012 and issued in April 2014, construction began in November 2014. The Town acknowledges and appreciates funding assistance from the Florida Department of Environmental Protection for this project.

The Town determined that these erosion management structures were needed because of the high erosive currents at this location. Previous attempts to place sand resulted in rapid loss of the sand at a cost of millions of dollars without any appreciable result. While these structures will not completely stop the sand from eroding it will slow down currents so that the newly placed sand erodes at a slower rate thereby lengthening the time between beach nourishment projects in this area.

The Town of Longboat Key continues to monitor all of its 10-plus miles of beach on an annual basis to insure that a wide, healthy, aesthetically pleasing beach is in place along its entire shoreline to protect residences, businesses and infrastructure from storms and to provide a recreational amenity for its residents and visitors.

"The Town will take those actions necessary to implement applicable sections of the Comprehensive Beach Management Plan, as amended, the Town Code, and state and federal regulations, in order to: maintain the Town's native beach and the beach restoration project; control the effects of shoreline erosion; enhance storm protection; and, protect developed upland properties and public infrastructure." - Town of Longboat Key Comprehensive Plan, Objective 1.4.

PROGRAM

100 North Shore Road Public Beach Access

**10:00 a.m. Welcome and Introduction:
Juan J. Florensa, Public Works Director**

Comments: Mayor Jack Duncan

10:15 a.m. Ribbon Cutting

10:30 a.m. Questions from Public & Media

Adjourn

PROJECT STATISTICS

Construction Start Date:	November 3, 2014
Construction End Date:	June 12, 2015
Cost of Project:	\$2,400,000
Number of Structures:	2
Length of North Groin:	252 Feet
Length of South Groin:	180 Feet
Number of Elements North Groin:	
Sections	21
Adjustable Elements	750
Beams	240
Number of Elements South Groin:	
Sections	15
Adjustable Elements	538
Beams	174
Number of Tons of Sand Placement:	13,000 (9,300 cy)
Number of Truck Loads of Sand:	620