

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND
OF THE STATE OF FLORIDA

*Knights Island
ECL
Charlotte
Co.
CHARLOTTE
COUNTY*

RESOLUTION

WHEREAS, Sections 161.141 through 161.211, Florida Statutes, authorizes the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida to locate and fix an erosion control line in the tidal waters of the State of Florida where beach erosion is a serious menace to the economy and general welfare of the people of the state; and,

WHEREAS, the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida held a public hearing on the 18th day of May 1994, at Port Charlotte, Florida, on the proposed Knight Island, Charlotte County Erosion Control Line as surveyed by Dana Spiegenger, Professional Land Surveyor, being more particularly described in Exhibit A, attached hereto and made a part hereof; and,

WHEREAS, the State of Florida Department of Environmental Protection has certified that severe beach erosion has occurred in the area and recommends that a beach erosion control project be undertaken; and,

WHEREAS, the Board of Trustees of the Internal Improvement Trust Fund has examined the evidence on the merits of the proposed beach erosion project and finds that the restoration of the beach is in the interest of the public; and

WHEREAS, all owners of lands riparian to the proposed erosion control line and within a thousand feet thereof by radial measurement have been notified by certified mail of the proceedings to establish the erosion control line; and

WHEREAS, the Board of Trustees of the Internal Improvement Trust Fund of the State of Florida has determined that all requirements of the statutes hereunto applicable have been complied within proper manner.

Based on the foregoing, the erosion control line, more particularly described in Exhibit A, is hereby approved, adopted, and certified for the purposes prescribed by Section 161.141 through 161.211, Florida Statutes, and shall remain in effect until invalidated in accordance with the law.

Signed this the 23rd day of August A.D., 1994

(SEAL)
Board of Trustees of the
Internal Improvement Trust
Fund of the State of Florida

BOARD OF TRUSTEES OF THE
INTERNAL IMPROVEMENT TRUST FUND

By

Terry E. Wilkinson
Terry E. Wilkinson, Chief
Bureau of Survey and Mapping,
Department of Environmental
Protection, Agent for the Board
of Trustees of the Internal
Improvement Trust Fund

APPROVED AS TO FORM & LEGALITY

Gary F. Bishop
DEP Attorney

This Instrument prepared by
Gary F. Bishop
3900 Commonwealth Boulevard
Tallahassee, Florida 32399

EXHIBIT A
KNIGHT ISLAND
CHARLOTTE COUNTY
EROSION CONTROL LINE

The proposed Erosion Control Line lies along Knight Island fronting on the Gulf of Mexico at the line of mean high water as described in the legal description below. The Erosion Control Line lies in Section 29, Township 41 South, Range 20 East, being more particularly described as follows:

Commence at Department of Natural Resources Monument R 28 CHAR 1992; thence S 87°14'22" W, a distance of 368.63 feet to a point on the mean high water line of the Gulf of Mexico for the Point of Beginning; thence Southeastwardly along the arc of a curve to the right having; a radius of 1126.67 feet, a central angle of 10°42'46", a chord bearing of S 61°31'31" E, and a chord length of 210.35 feet, an arc length of 210.66 feet to a point on a curve to the right having a radius of 1581.44 feet, a central angle of 07°04'25", a chord bearing of S 53°07'20" E, and a chord length of 195.12 feet; thence along the arc of said curve an arc length of 195.24 feet to a point on a curve to the right having a radius of 2191.27 feet, a central angle of 5°14'34", a chord bearing of S 45°29'59" E, and a chord length of 200.44 feet; thence along the arc of said curve an arc length of 200.51 feet to a point on a curve to the right having a radius of 3107.62 feet, a central angle of 03°37'23", a chord bearing of S 39°43'45" E, and a chord length of 196.48 feet; thence along the arc of said curve an arc length of 1140.34 feet, a central angle of 08°37'23", a chord bearing of S 35°36'34" E, and a chord length of 171.46 feet; thence along the arc of said curve an arc length of 171.62 feet to the end of said curve; thence S 41°38'03" E, a distance of 108.02 feet; thence S 35°40'29" E, a distance of 101.10 feet; thence S 36°04'46" E, a distance of 99.99 feet; thence S 39°05'46" E, a distance of 99.35 feet; thence S 33°40'33" E, a distance of 346.43 feet; thence S 34°45'48" E, a distance of 324.47 feet; thence S 37°54'47" E, a distance of 94.79 feet; thence S 30°44'49" E, a distance of 482.82 feet; thence S 29°59'57" E, a distance of 199.99 feet; to the Point of Termination of the above described mean high water line, from which Department of Natural Resources Monument R 31 CHAR 1992 bears S 62°13'04" E, a distance of 490.85 feet.

$$D = \frac{5729.22}{1126.67} = 5.08541^\circ$$

$$L = \frac{10.71288}{5.08541^\circ} \times 100 = 210.65711$$

Point	Node ID	Station	Northing- (Y)	Easting- (X)
BOP	240	0+00.0000	100000.0000	100000.0000

Direction Distance

 S87°14'22.00"W 368.6298

Point	Node ID	Station	Northing- (Y)	Easting- (X)
PC	N/A	3+68.6298	99982.2460	99631.7980

Point	Node ID	Station	Northing- (Y)	Easting- (X)
RP	N/A	N/A	98946.0530	99189.4300

Circular Curve (CW)

 Radial In: S23°07'06.39"W
 D.O.C Arc: 05°05'07.47"
 D.O.C Chord: 05°05'13.49"
 Radius: 1126.6700
 Delta angle: 10°42'45.87"
 Tangent length: 105.6361
 Arc length: 210.6564
 Chord Direction: S61°31'30.68"E
 Chord length: 210.3497
 External: 4.9414
 Middle ordinate: 4.9198
 Radial Out: N33°49'52.26"E

Point	Node ID	Station	Northing- (Y)	Easting- (X)
PI	N/A	4+74.2659	99940.7697	99728.9510

Point	Node ID	Station	Northing- (Y)	Easting- (X)
PC	N/A	5+79.2862	99881.9568	99816.7004

Point	Node ID	Station	Northing- (Y)	Easting- (X)
RP	N/A	N/A	98560.7960	98947.5130

Circular Curve (CW)

 Radial In: S33°20'26.84"W
 D.O.C Arc: 03°37'22.85"
 D.O.C Chord: 03°37'25.02"

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Radius:          1581.4400
Delta angle:     07°04'25.39"
Tangent length:  97.7462
Arc length:      195.2441
Chord Direction: S53°07'20.47"E
Chord length:    195.1201
External:        3.0179
Middle ordinate: 3.0121
Radial Out:      N40°24'52.23"E
  
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Point	Node ID	Station	Northing- (Y)	Easting- (X)
PI	N/A	6+77.0325	99828.2337	99898.3592
Point	Node ID	Station	Northing- (Y)	Easting- (X)
PC	N/A	7+74.5303	99764.8641	99972.7811
Point	Node ID	Station	Northing- (Y)	Easting- (X)
RP	N/A	N/A	98133.3390	98509.9790

Circular Curve (CW)

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Radial In:       S41°52'44.22"W
D.O.C Arc:       02°36'53.03"
D.O.C Chord:     02°36'53.84"
Radius:          2191.2700
Delta angle:     05°14'34.04"
Tangent length:  100.3249
Arc length:      200.5098
Chord Direction: S45°29'58.76"E
Chord length:    200.4399
External:        2.2954
Middle ordinate: 2.2930
Radial Out:      N47°07'18.26"E
  
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Point	Node ID	Station	Northing- (Y)	Easting- (X)
PI	N/A	8+74.8552	99697.8913	100047.4787
Point	Node ID	Station	Northing- (Y)	Easting- (X)
PC	N/A	9+75.0401	99624.3732	100115.7443
Point	Node ID	Station	Northing- (Y)	Easting- (X)
RP	N/A	N/A	97563.5500	97789.7370

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 Circular Curve (CW)

Radial In: S48°27'33.56"W
 D.O.C Arc: 01°50'37.39"
 D.O.C Chord: 01°50'37.67"
 Radius: 3107.6200
 Delta angle: 03°37'23.33"
 Tangent length: 98.2892
 Arc length: 196.5130
 Chord Direction: S39°43'44.77"E
 Chord length: 196.4802
 External: 1.5540
 Middle ordinate: 1.5532
 Radial Out: N52°04'56.89"E

Point	Node ID	Station	Northing- (Y)	Easting- (X)
PI	N/A	10+73.3294	99550.8052	100180.9249
PC	N/A	11+71.5531	99473.2651	100241.3261
RP	N/A	N/A	98741.4740	99366.7650

Circular Curve (CW)

Radial In: S50°04'44.44"W
 D.O.C Arc: 05°01'28.01"
 D.O.C Chord: 05°01'33.81"
 Radius: 1140.3400
 Delta angle: 08°37'23.05"
 Tangent length: 85.9735
 Arc length: 171.6223
 Chord Direction: S35°36'34.03"E
 Chord length: 171.4603
 External: 3.2363
 Middle ordinate: 3.2271
 Radial Out: N58°42'07.49"E

Point	Node ID	Station	Northing- (Y)	Easting- (X)
PI	N/A	12+57.5266	99407.3295	100296.4979

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PT N/A 13+43.1754 99333.8670 100341.1600

Direction Distance

S41°38'04.23"E 108.0201

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 14+51.1955 99253.1330 100412.9260

Direction Distance

S35°40'28.95"E 101.1004

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 15+52.2958 99171.0050 100471.8860

Direction Distance

S36°04'44.79"E 99.9895

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 16+52.2854 99090.1930 100530.7700

Direction Distance

S39°05'47.56"E 99.3500

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 17+51.6354 99013.0890 100593.4230

Direction Distance

S33°40'32.89"E 346.4300

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 20+98.0654 98724.7940 100785.5160

Direction Distance

S34°45'47.96"E 324.4703

Point Node ID Station Northing- (Y) Easting- (X)

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PI N/A 24+22.5356 98458.2370 100970.5250

Direction Distance

S37°54'46.78"E 94.7899

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 25+17.3256 98383.4530 101028.7700

Direction Distance

S30°44'49.02"E 482.8191

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 30+00.1447 97968.5020 101275.6100

Direction Distance

S29°59'57.40"E 199.9904

Point Node ID Station Northing- (Y) Easting- (X)

PI N/A 32+00.1351 97795.3040 101375.6030

Direction Distance

N62°13'03.94"W 498.8496

Point Node ID Station Northing- (Y) Easting- (X)

EOP N/A 36+98.9847 98027.8240 100934.2580