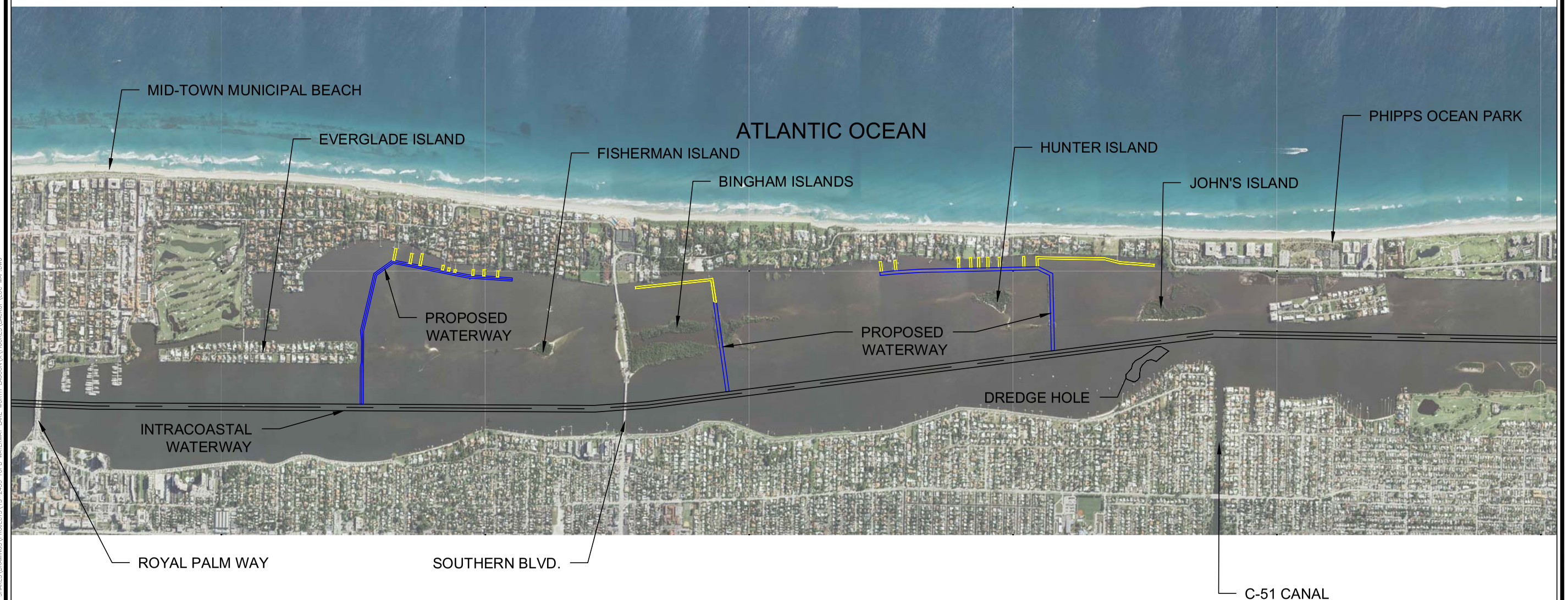
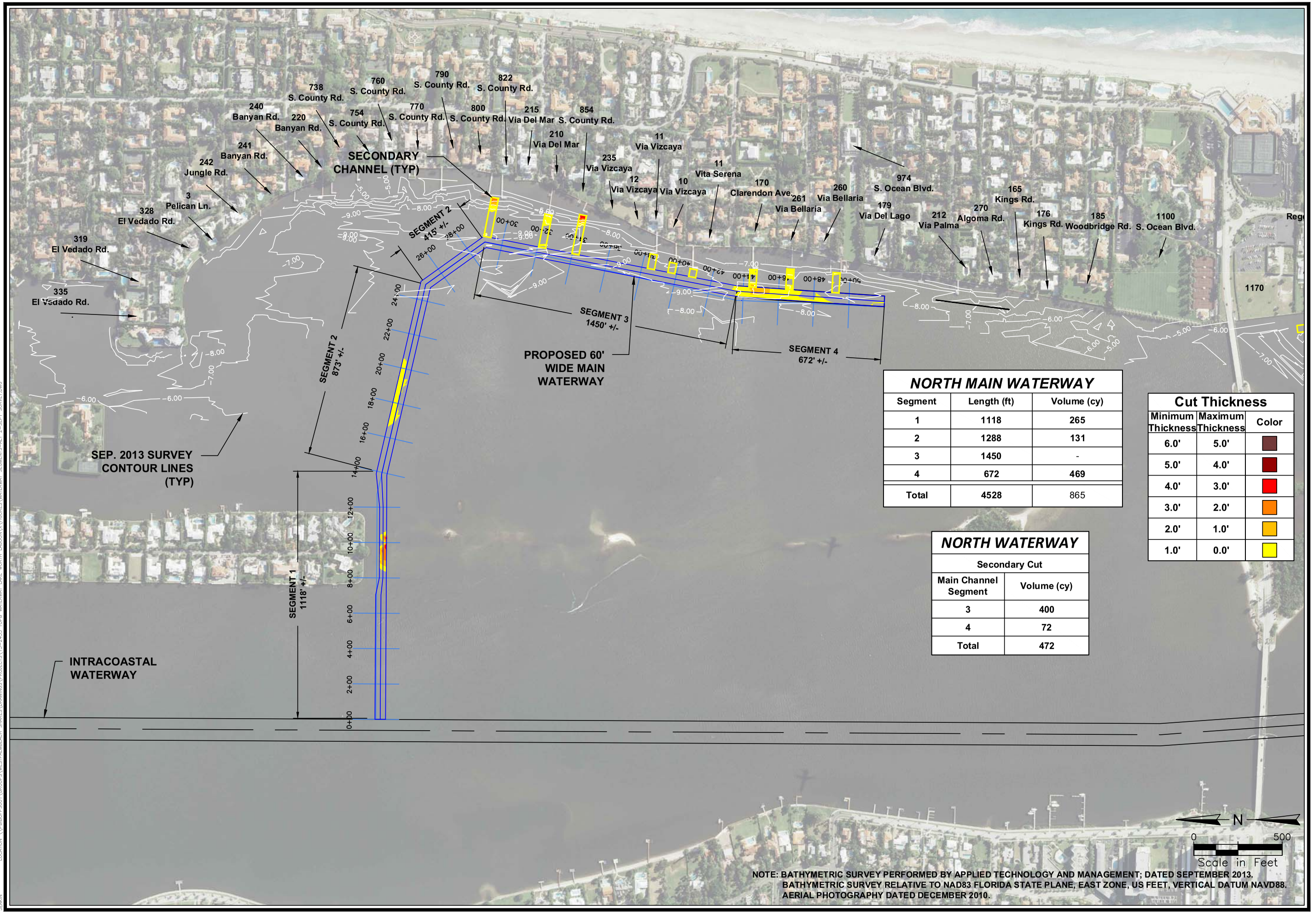


NOTE: AERIAL PHOTOGRAPHY DATED DECEMBER 2010.

Figure 1
Waterway Location Map

LOCATION: \\PBBGFP3001\GROUPS\WESTPALMBEACH SHARES\DRAWINGS\PROJECTS\L13-2453 TOPB WATERWAY LAKE WORTH LAGOON\X\FIGURES\BACKUP\LOC MAP.DWG
JEAKIN



NORTH MAIN WATERWAY

Segment	Length (ft)	Volume (cy)
1	1118	265
2	1288	131
3	1450	-
4	672	469
Total	4528	865

Cut Thickness

Minimum Thickness	Maximum Thickness	Color
6.0'	5.0'	
5.0'	4.0'	
4.0'	3.0'	
3.0'	2.0'	
2.0'	1.0'	
1.0'	0.0'	

NORTH WATERWAY

Secondary Cut	
Main Channel Segment	Volume (cy)
3	400
4	72
Total	472

NOTE: BATHYMETRIC SURVEY PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT; DATED SEPTEMBER 2013.
BATHYMETRIC SURVEY RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET, VERTICAL DATUM NAVD88.
AERIAL PHOTOGRAPHY DATED DECEMBER 2010.

APPLIED TECHNOLOGY & MANAGEMENT

Figure 2
North Waterway - Alternative 2

SEP. 2013 SURVEY CONTOUR LINES (TYP)

SECONDARY CHANNEL (TYP) - NO SEAGRASS OBSERVED IN ALL SECONDARY CHANNELS

SEGMENT 1 1715' +/-

PROPOSED 60' WIDE MAIN WATERWAY

INTRACOASTAL WATERWAY

MATCHLINE

SOUTH MAIN WATERWAY		
Segment	Length (ft)	Volume (cy)
1	1715	3971
Total	1715	3971

SOUTH WATERWAY	
Secondary Cut	
Main Channel Segment	Volume (cy)
1	8550
Total	22595

Cut Thickness		
Minimum Thickness	Maximum Thickness	Color
6.0'	5.0'	
5.0'	4.0'	
4.0'	3.0'	
3.0'	2.0'	
2.0'	1.0'	
1.0'	0.0'	

N

0 400

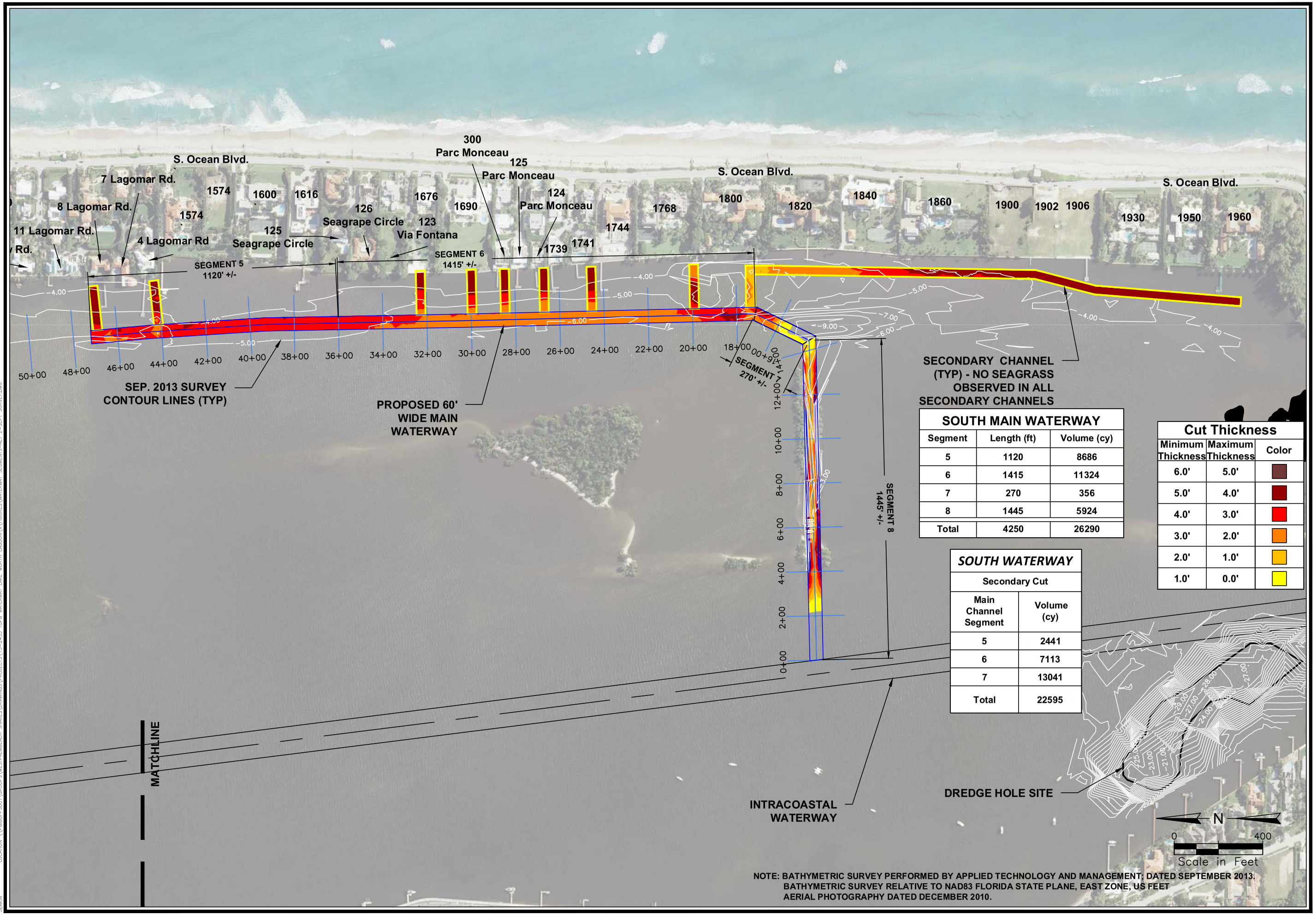
Scale in Feet

NOTE: BATHYMETRIC SURVEY PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT; DATED SEPTEMBER 2013.
BATHYMETRIC SURVEY RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET
AERIAL PHOTOGRAPHY DATED DECEMBER 2010.

ATM SM APPLIED TECHNOLOGY & MANAGEMENT

Figure 3
North Waterway - Alternative 2

LOCATION: \\1PBBOFPS001\GROUPS\WESTPALMBEACH SHARES\DRAWINGS\PROJECTS\13-2453 TOPB WATERWAY LAKE WORTH LAGOON\X\FIGURES\WATERWAY SEGMENTS--ALT 2 SOUTH SECTION.DWG
JEAKIN



SOUTH MAIN WATERWAY		
Segment	Length (ft)	Volume (cy)
5	1120	8686
6	1415	11324
7	270	356
8	1445	5924
Total	4250	26290

SOUTH WATERWAY	
Secondary Cut	
Main Channel Segment	Volume (cy)
5	2441
6	7113
7	13041
Total	22595

Cut Thickness		
Minimum Thickness	Maximum Thickness	Color
6.0'	5.0'	
5.0'	4.0'	
4.0'	3.0'	
3.0'	2.0'	
2.0'	1.0'	
1.0'	0.0'	

NOTE: BATHYMETRIC SURVEY PERFORMED BY APPLIED TECHNOLOGY AND MANAGEMENT; DATED SEPTEMBER 2013.
BATHYMETRIC SURVEY RELATIVE TO NAD83 FLORIDA STATE PLANE, EAST ZONE, US FEET
AERIAL PHOTOGRAPHY DATED DECEMBER 2010.

ATM SM APPLIED TECHNOLOGY & MANAGEMENT

Figure 4
North Waterway - Alternative 2

LOCATION: \\PBIBOPS001\GROUPS\WESTPALMBEACH SHARES\DRAWINGS\PROJECTS\13-2453 TOPR WATERWAY LAKE WORTH LAGOON\X\FIGURES\WATERWAY SEGMENTS--ALT 2--SEPT SURVEY.DWG
JEAKIN