

IWW - JACKSONVILLE TO MIAMI CUTS BW-17 AND BW-18 BROWARD COUNTY, FLORIDA 10-FOOT PROJECT EXAMINATION SURVEY FY18

SURVEY NOTES

- REFER TO SURVEY NO. 18-232.
- SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
- TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "BROWARD-MIAMIDADE-MONROE-COLLIER_2018 05 02.KTD".
- ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
- PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
- ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
- THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:
REFERENCE BASE LOCATED AT "HILLSBORO 101" (PID: BBF61)
- DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). A MODIFIED VERSION OF NOAA'S DATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS BELOW.
NOAA TIDAL STATION 872 2859 3 USED FOR ALL CUTS. (PID: AD5848)
VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER AND AN EDGE-TECH 6205 COMBINED MULTI-BEAM / SIDESCAN. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- VESEL DATE OF SURVEY CUT
SB-48 12 SEP 2018 BW-17 & BW-18
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
- SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	8 PROJECT DEPTH

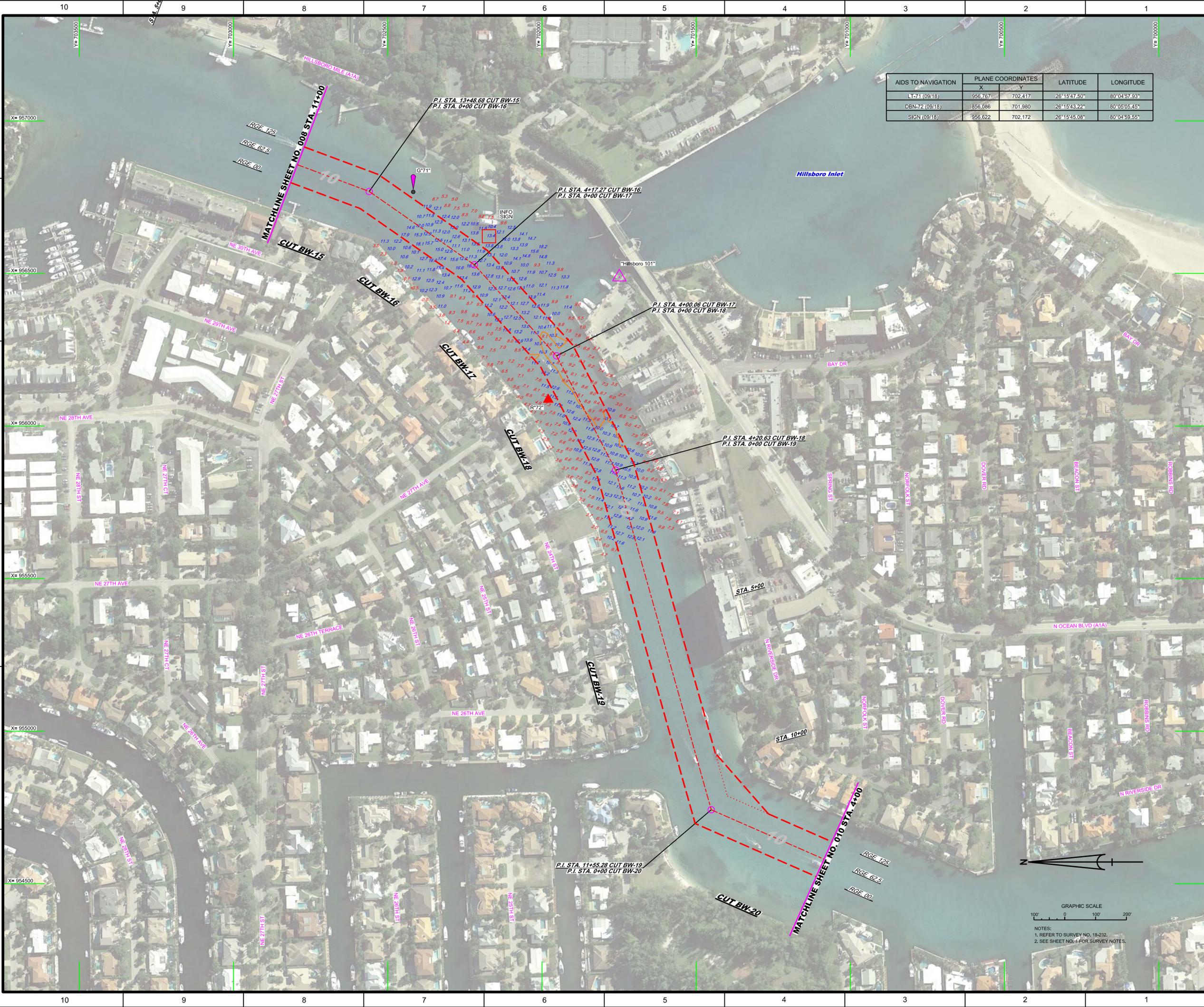
US Army Corps of Engineers
Jacksonville District
SAFETY ON THIS JOB
DEPENDS ON YOU

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BROWARD COUNTY
HYDROGRAPHIC EXAM SURVEY FY18
10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN
Drawing no.
1 / 2

SHEET 01 OF 45



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-71 (09/18)	956.767	702.417	26°15'47.50"	80°04'57.93"
DBN-72 (09/18)	856.086	701.980	26°15'43.22"	80°05'05.45"
SIGN (09/18)	956.622	702.172	26°15'45.08"	80°04'59.55"



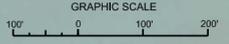
 US Army Corps of Engineers
 Jacksonville District
 SAFETY ON THIS JOB
 DEPENDS ON YOU

DEPARTMENT OF THE ARMY
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

Call by: GRL
 Designed by: WRM
 Drawn by: WRM
 File No: W91256-00-000-0004
 Date: SEP 2018

INTRACOASTAL WATERWAY
 JACKSONVILLE TO MIAMI, FLORIDA
 BROWARD COUNTY
HYDROGRAPHIC EXAM SURVEY FY18
10-FOOT PROJECT
 STA. 11+00 CUT BW-15 THRU STA. 4+00 CUT BW-20
PLAN

Scale: AS SHOWN
 Drawing no.
2 / 2
 SHEET 09 OF 45



NOTES:
 1. REFER TO SURVEY NO. 18-232.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.