

GULF INTRACOASTAL WATERWAY CALOOSAHATCHEE RIVER TO ANCLOTE RIVER LEE COUNTY, FLORIDA EXAMINATION SURVEY FY18 9-FOOT PROJECT

SURVEY NOTES

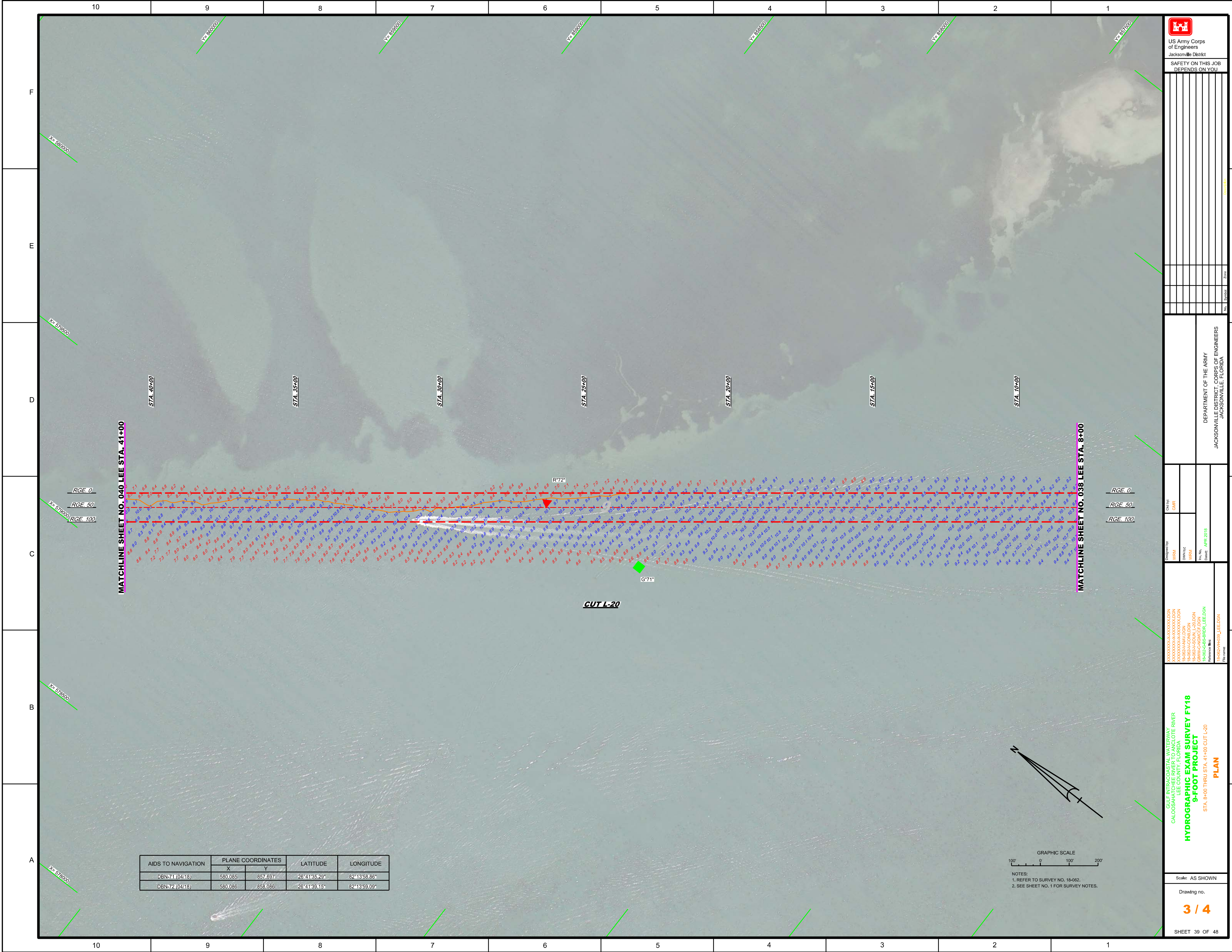
- REFER TO SURVEY NO. 18-062.
 - SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
 - TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "SPC-FL-WEST-2010-12-07.KTD".
 - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST 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 LOCATIONS:
REFERENCE BASE LOCATED AT "PC102" (PID: BBCF70)
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAUGE SITES SPECIFIED BELOW:

NOAA TIDAL STATION 872 5577 E USED FOR CUTS L-19 THRU L-20. (PID: DL7346)
 - VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 6205 COMBINED MULTI-BEAM AND SIDESCAN. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT |
|--------|----------------|----------------|
| SB-44 | 12 APR 2018 | L-19 THRU L-20 |
- 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, 31 DEC 13.

	MONUMENT
	LIGHTED BEACON
	GREEN DAY BEACON
	RED DAY BEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

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

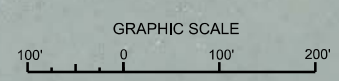
Check by: GHR Designated by: WRM Drawn by: WRM Date: APR 2018 File name: H:\RSC\H\H01_L_EE.DGN	HYDROGRAPHIC EXAM SURVEY FY18 9-FOOT PROJECT INDEX, LOCATION AND VICINITY MAP
DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA	
Scale: AS SHOWN Drawing no. 1 / 4 SHEET 01 OF 48	



MATCHLINE SHEET NO. 040 LEE STA. 41+00

MATCHLINE SHEET NO. 038 LEE STA. 8+00

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN71 (0418)	580.085	857.697	26°41'35.29"	82°13'58.86"
DBN72 (0418)	580.086	855.086	26°41'39.15"	82°13'59.09"



NOTES:
 1. REFER TO SURVEY NO. 18-062.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

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

No.	Symbol	Zone

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

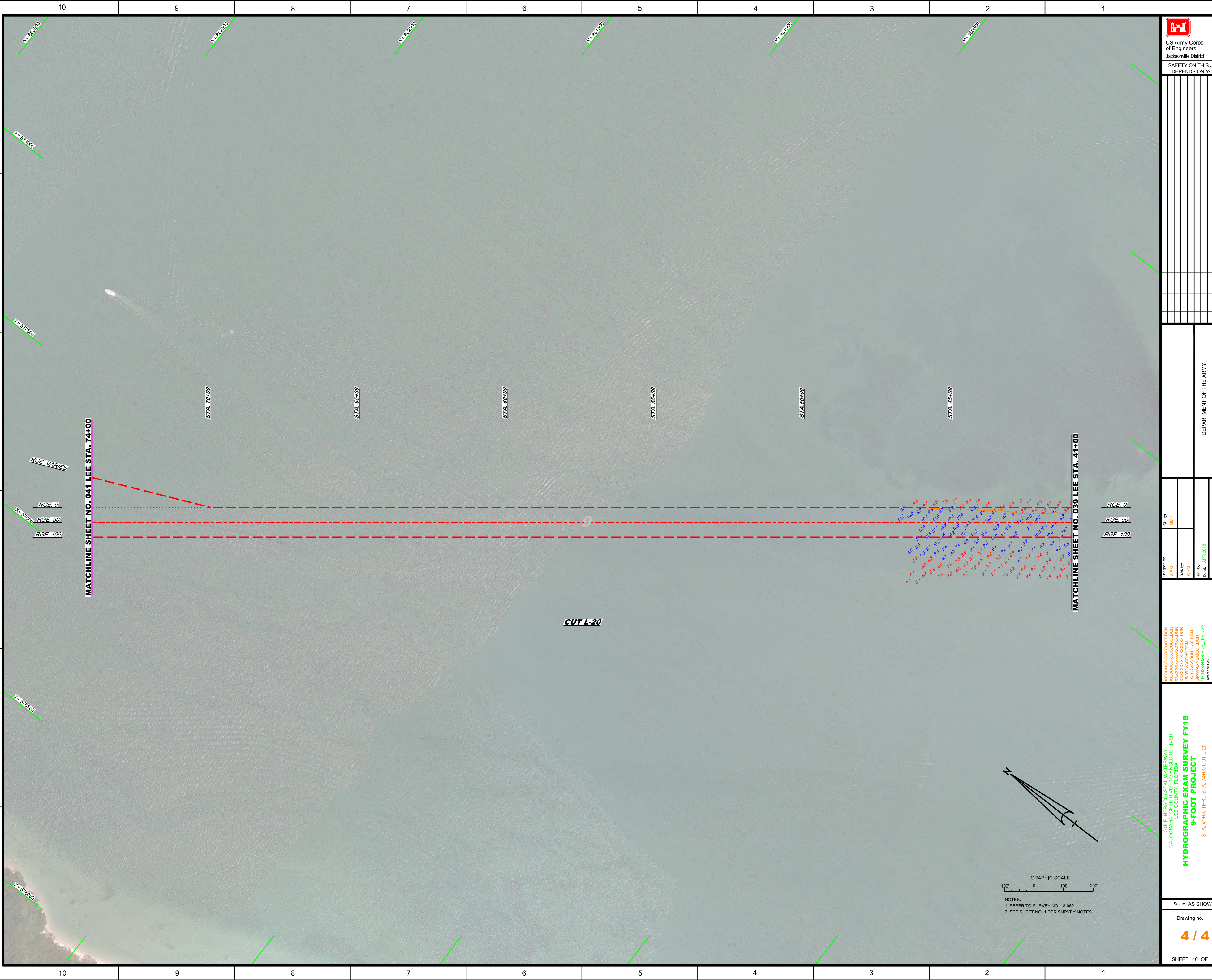
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**HYDROGRAPHIC EXAM SURVEY FY18
 9-FOOT PROJECT**
 STA. 8+00 THRU STA. 41+00 CUT L-20
PLAN

Scale: AS SHOWN
 Drawing no.
3 / 4

SHEET 39 OF 48



SAFETY ON THIS JOB
DEPENDS ON YOU

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

Designated by: WRM
Checked by: GHR
Drawn by: WRM
File Name: 18-062-00-CUT L-20
Date: APR 2018
Reference files:
18-062-00-HAHL_LEE.DGN
18-062-00-HAHL_LEE.DGN

GULF INTRACOASTAL WATERWAY
CALOOSHAHATCHEE RIVER TO INDIAN RIVER
LEE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
9-FOOT PROJECT
STA. 41+00 THRU STA. 74+00 CUT L-20
PLAN

Scale: AS SHOWN
Drawing no.
4 / 4
SHEET 40 OF 48