

# ANCLOTE RIVER PASCO COUNTY, FLORIDA HYDRO EXAM SURVEY FY19 CUT-1 AND CUT-1A 9-FOOT PROJECT

### SURVEY NOTES

- REFER TO SURVEY NO. 19-078.
  - 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 "LON" (PID: DM2765)
  - TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. 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 "872 6904 C TIDAL" (PID: DM3828)
  - VERTICAL MEASUREMENTS WERE MADE USING A R2SONIC 2024 MULTI-BEAM ECHOSOUNDER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL    | DATE OF SURVEY  | CUT         |
|-----------|-----------------|-------------|
| R. WITMER | 28 JAN 2019     | CUT-1A      |
| R. WITMER | 05, 07 FEB 2019 | CUTS 1 & 1A |
- 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 2013.

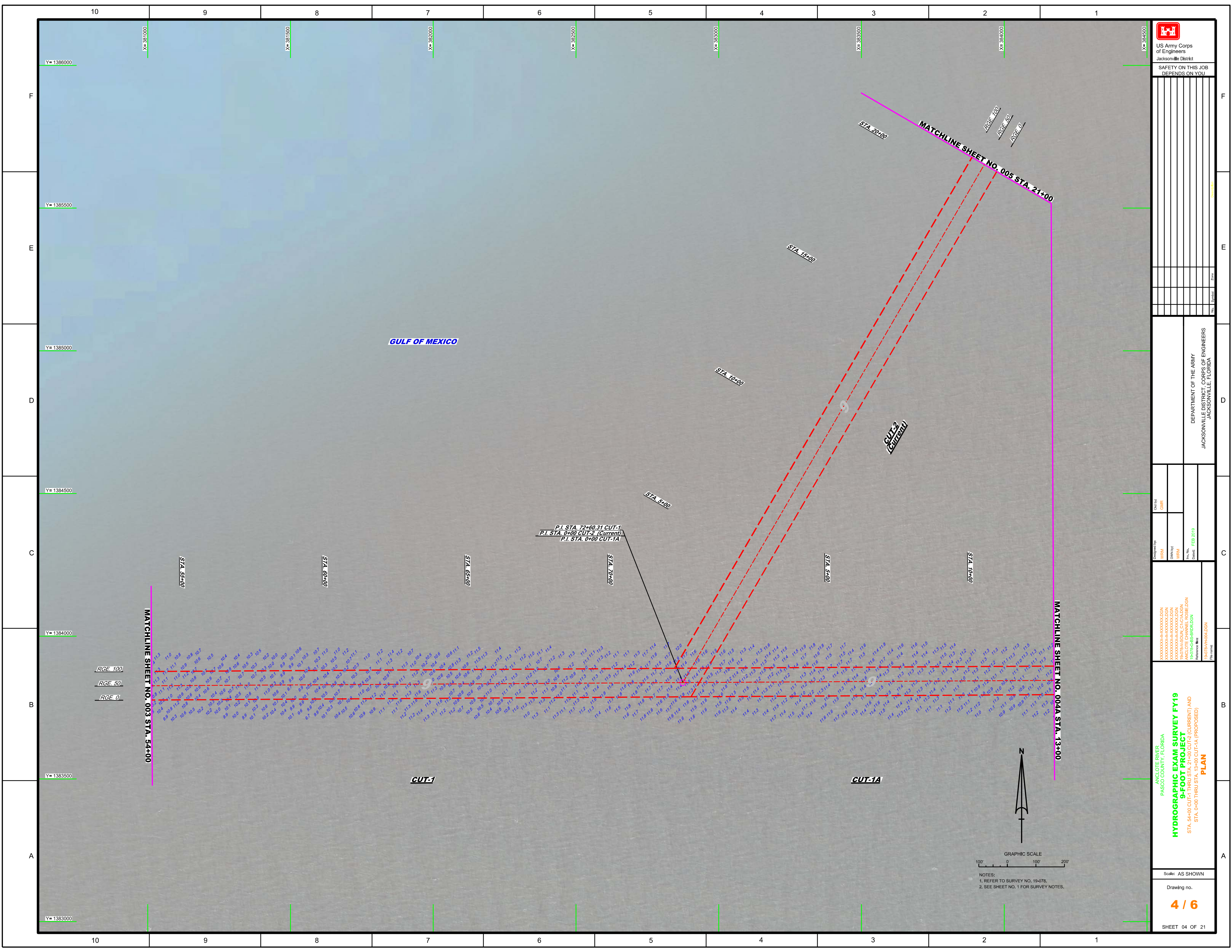
LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH


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

<p>DESIGNED BY: GMR</p> <p>DRAWN BY: WRM</p> <p>CHECKED BY: WRM</p> <p>DATE: FEB 2019</p>	<p>DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA</p>
<p>ANCLOTE RIVER PASCO COUNTY, FLORIDA <b>HYDROGRAPHIC EXAM SURVEY FY19 9-FOOT PROJECT</b> INDEX, LOCATION AND VICINITY MAP</p>	
<p>Scale: AS SHOWN</p> <p>Drawing no. <b>1 / 6</b></p> <p>SHEET 01 OF 21</p>	





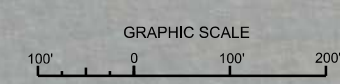



 US Army Corps  
of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU

Checked by: GMR
Designed by: WRM
DRAWN BY: WRM
FILE NO.: 19-078-BS-BRIALDGN
Date: FEB 2019
Drawn: FEB 2019

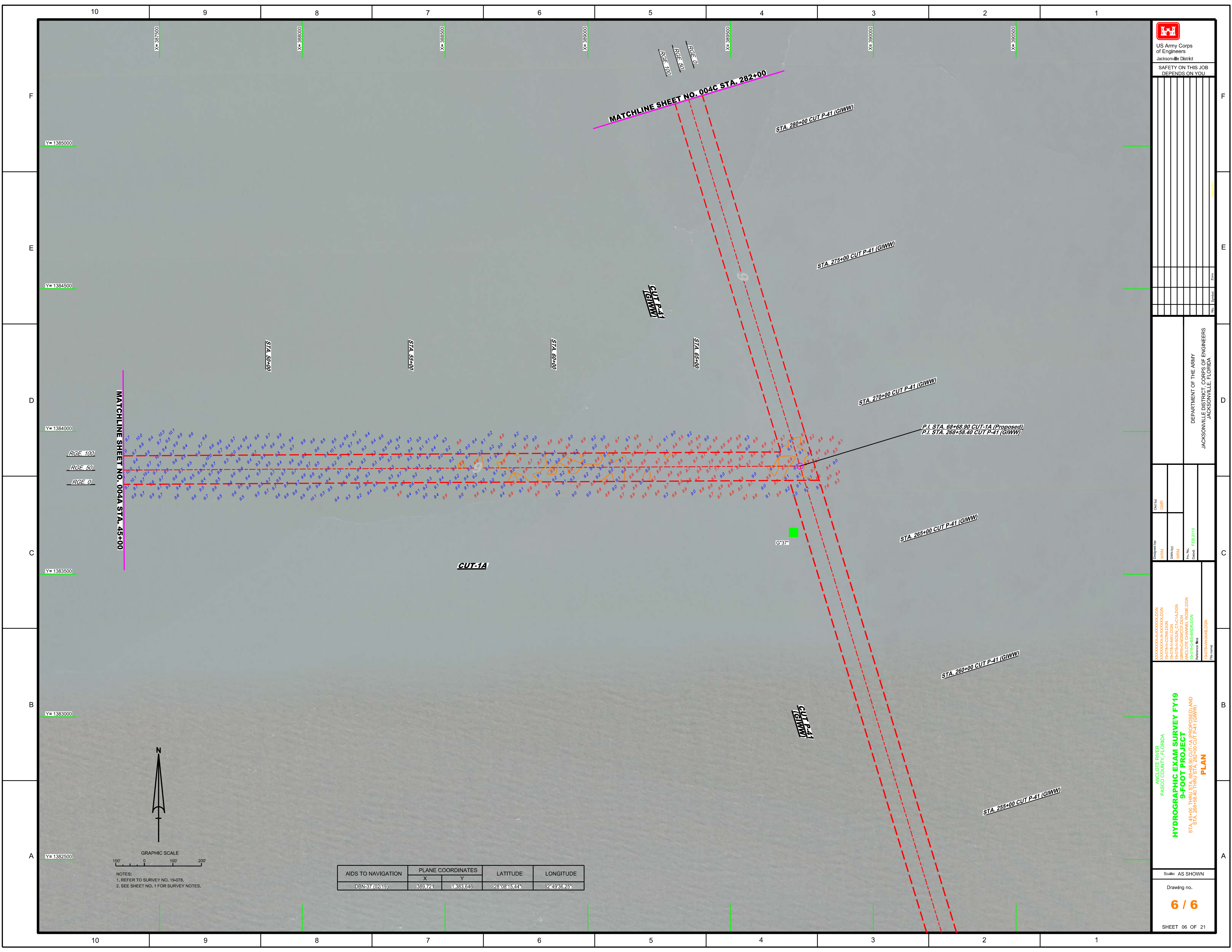
ANGLICOTE RIVER  
PASCO COUNTY, FLORIDA  
**HYDROGRAPHIC EXAM SURVEY FY19**  
**9-FOOT PROJECT**  
 STA. 54+00 CUT-1 THRU STA. 21+00 CUT-2 (CURRENT) AND  
 STA. 0+00 THRU STA. 13+00 CUT-1A (PROPOSED)  
**PLAN**


Scale: AS SHOWN  
 Drawing no.  
**4 / 6**



NOTES:  
 1. REFER TO SURVEY NO. 19-078.  
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.






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

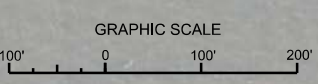
DEPARTMENT OF THE ARMY  
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
 JACKSONVILLE, FLORIDA

**ANGLOTE RIVER**  
**PASCO COUNTY, FLORIDA**  
**HYDROGRAPHIC EXAM SURVEY FY19**  
**9-FOOT PROJECT**  
 STA. 45+00 THRU STA. 68+68.90 CUT-1A (PROPOSED) AND  
 STA. 255+00 THRU STA. 282+00 CUT P-41 (GIWW)  
**PLAN**

Scale: AS SHOWN  
 Drawing no.  
**6 / 6**  
 SHEET 06 OF 21

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-37 (0219)	389.721	1,383.646	28°08'15.44"	82°49'36.25"

NOTES:  
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F  
 E  
 D  
 C  
 B  
 A

10  
 9  
 8  
 7  
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 5  
 4  
 3  
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 1