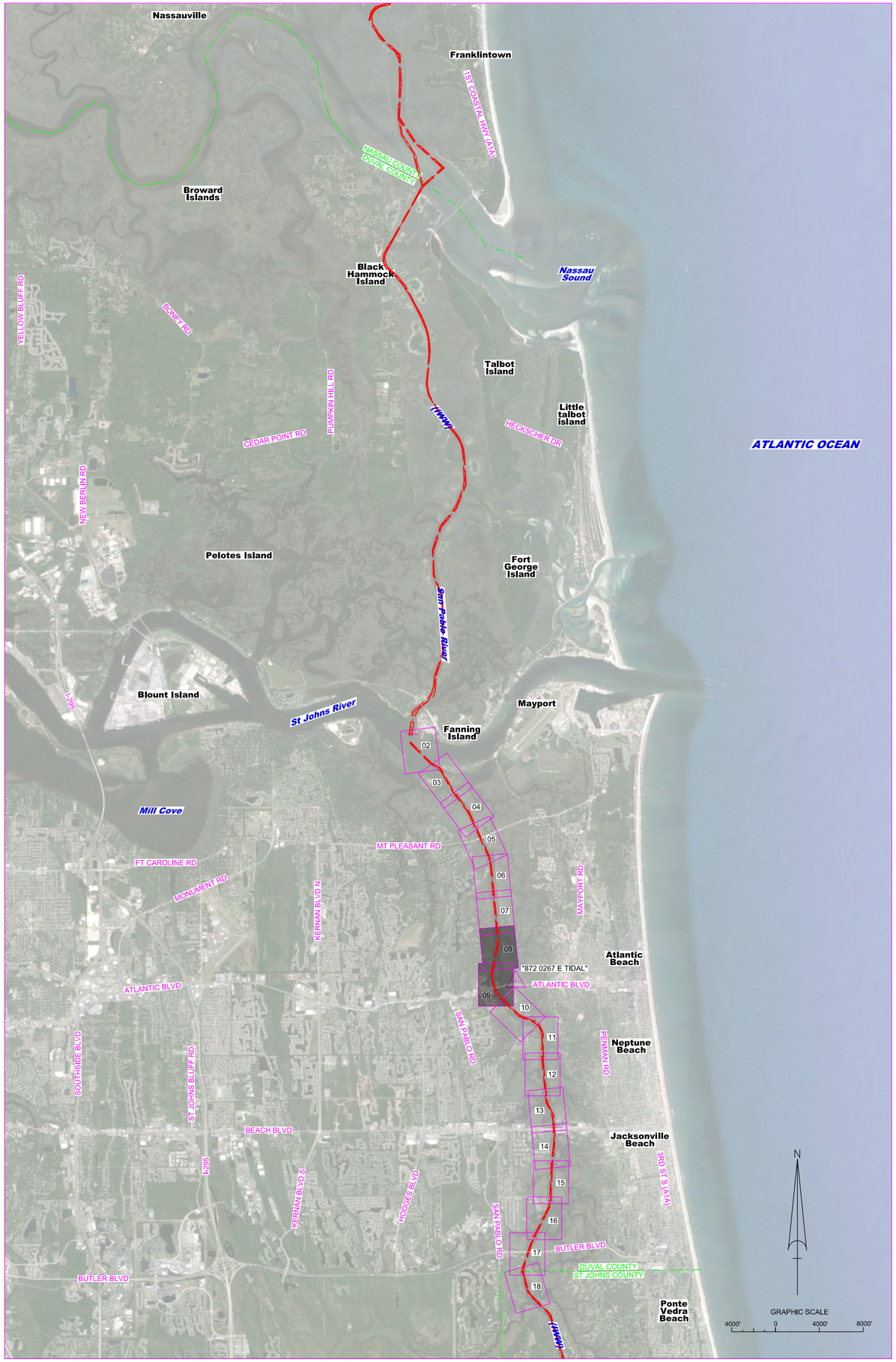


LOCATION MAP

IWW- JACKSONVILLE TO MIAMI, FL
DUVAL COUNTY
CUTS DU-7 & DU-8
EXAMINATION SURVEY FY16
10 & 12-FOOT PROJECT

LEGEND	
△	MONUMENT
	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF
8	PROJECT DEPTH

SURVEY NOTES

1. REFER TO SURVEY NO. 16-051.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
3. 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: "CAMDENGA-NASSAU-DUVAL-STJOHNS-FLAGLER_01FEB2011.KTD".
4. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "872 0267 E TIDAL" (PID: DH9475)
8. 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 GAGE SITES SPECIFIED BELOW:

   NOAA TIDAL STATION 875-0267 E TIDAL USED FOR ALL CUTS. (PID: DH9475)

   VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER 935B DUAL-FREQUENCY TRANSDUCER OPERATING AT 28/200 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-46	18 FEB 2016	DU-7 AND DU-8

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. 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.
11. 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.

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

Designed by: WRM
Drawn by: WRM
Cad by: GMR
Inv. No. W912EP-XX-X-XXXX
Date: FEB 2016

XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
16-051-NAVDEX_DU.DGN
IWW-CONGMCCF.DGN
16-051-C-BS-BRDR_DU.DGN
Reference files:
16-051-VH-001_DU.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
DUVAL COUNTY

EXAMINATION SURVEY FY16
10 AND 12-FOOT PROJECT

INDEX, LOCATION AND VICINITY

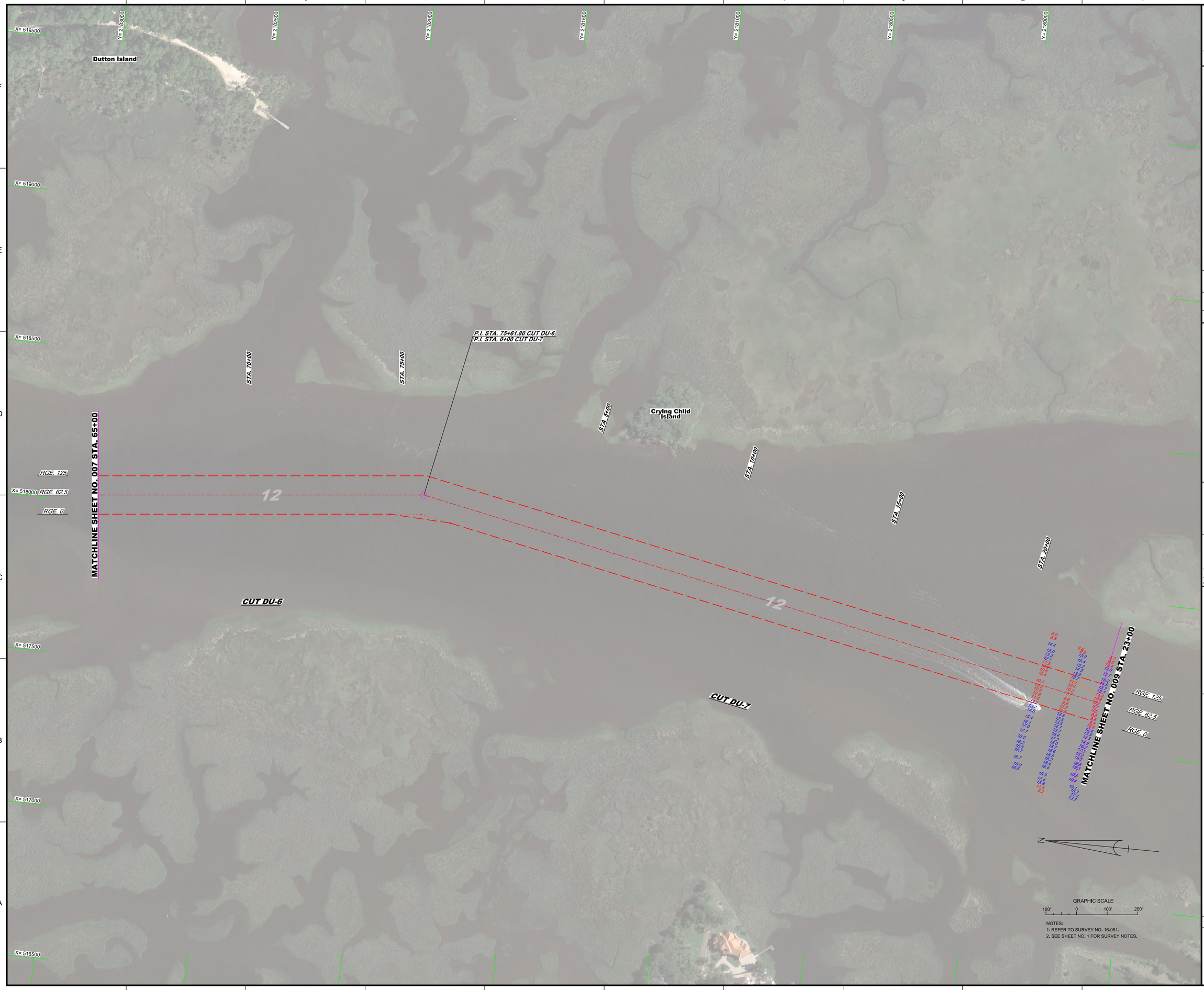
MAP

Scale: AS SHOWN

Drawing no.

1 / 3

SHEET 01 OF 18



NOTES:
1. REFER TO SURVEY NO. 16-051.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Rev.	Symbol	Zone

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Rev. No. W912EP-XX-X-XXXX
Dated: FEB 2016

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
16-051-XX-SQUIN_CONTROL.DGN
16-051-XX-SQUIN_DU7.DGN
IWW-C-NGMCCF.DGN
16-051-XX-BHBRDR_DU.DGN
Reference files:
16-051-XX-HA-008_DU.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
DUVAL COUNTY

EXAMINATION SURVEY FY16
10 AND 12-FOOT PROJECT
STA. 65+00 CUT DU-6 THRU STA. 23+00 CUT DU-7

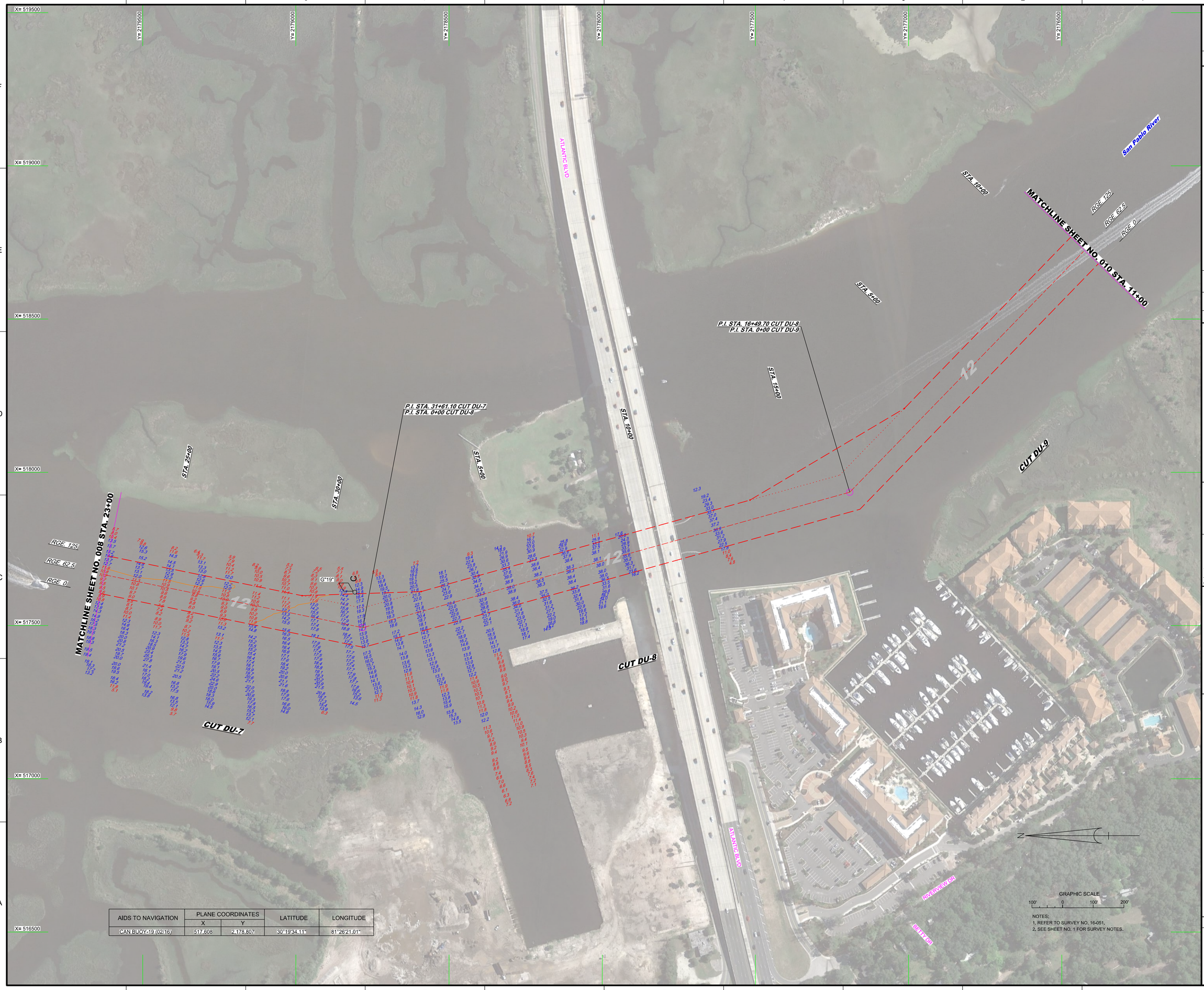
PLAN

Scale: AS SHOWN

Drawing no.

2 / 3

SHEET 08 OF 18



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-19 (02/16)	517,608	2,178,807	30°19'34.11"	81°26'21.01"

NOTES:
1. REFER TO SURVEY NO. 16-051.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Rev.	Symbol	Zone

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

Designed by: WRM
Cad by: GMR
DWN by: WRM
Proj. No. W912EP-XX-X-XXXX
Date: FEB 2016

XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
16-051-XAVAY.DGN
16-051-XCONT2.DGN
16-051-XCONT3.DGN
16-051-XSOUN_DUB.DGN
IWW-CNGMGF.DGN
16-051-XSHSHPR_DU.DGN
Reference files
16-051-XPH009_DU.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO NASSAU, FLORIDA
DUVAL COUNTY

EXAMINATION SURVEY FY16
10 AND 12-FOOT PROJECT

STA. 23+00 CUT DU-7 THRU STA. 11+00 CUT DU-9

PLAN

Scale: AS SHOWN

Drawing no.

3 / 3

SHEET 09 OF 18