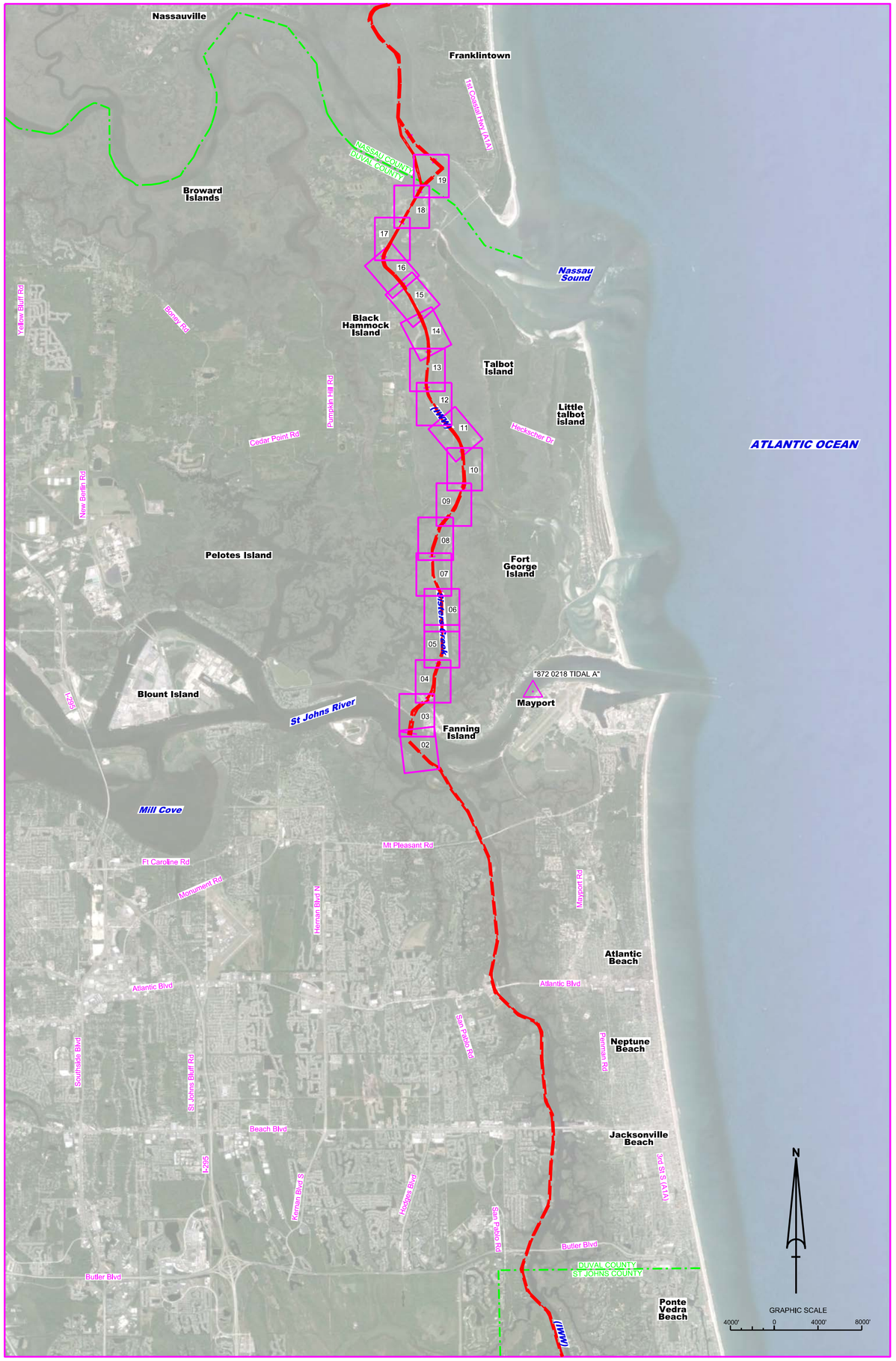
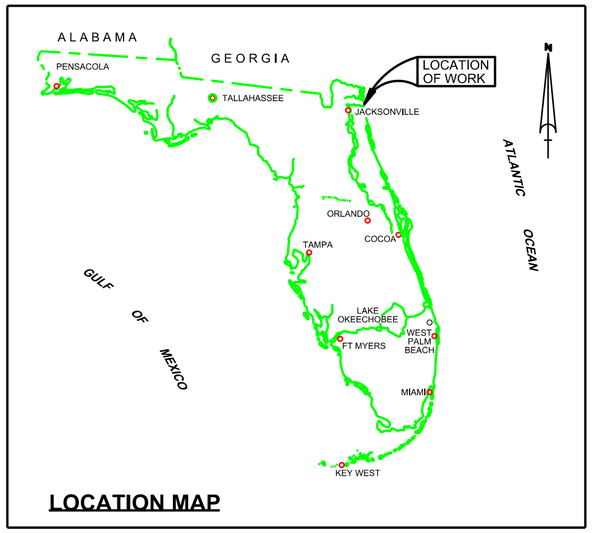




LOCATION MAP

ATLANTIC INTRACOASTAL WATERWAY (AIWW)
FERNANDINA TO ST. JOHNS RIVER
DUVAL COUNTY
CUT-1 THRU CUT-27
HYDROGRAPHIC EXAM SURVEY FY21
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. 21-204.
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_20191202.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 FLORIDA PERMANENT REFERENCE NETWORK (VRS) FOR REAL-TIME KINEMATIC (RTK) GPS POSITIONING.
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 BENCHMARK SITE SPECIFIED BELOW:

   NOAA TIDAL STATION "872-0218 TIDAL A" USED FOR CUTS 1 THRU 27 (NGS PID: DI9221)

   VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 6205 MULTI-PHASE ECHOSOUNDER AND A TELEDYNE ODOM ECHOTRAC E20. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	27 AUG 2021	CUTS 1 THRU 27

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 2013.

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
Chkd by: GMR
Proj. No. V912EP-XX-XX-XXX
Date: AUG 2021

X:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
21-204-HYDRO-XXXXXX.DGN
21-204-AIWDEX_DU_AIWW.DGN
IWW-C-CNGMCF.DGN
21-204-HR-SB-SPDR_DU_AIWW.DGN
Reference files
21-204-HR-001_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO ST. JOHNS RIVER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

INDEX, LOCATION AND VICINITY

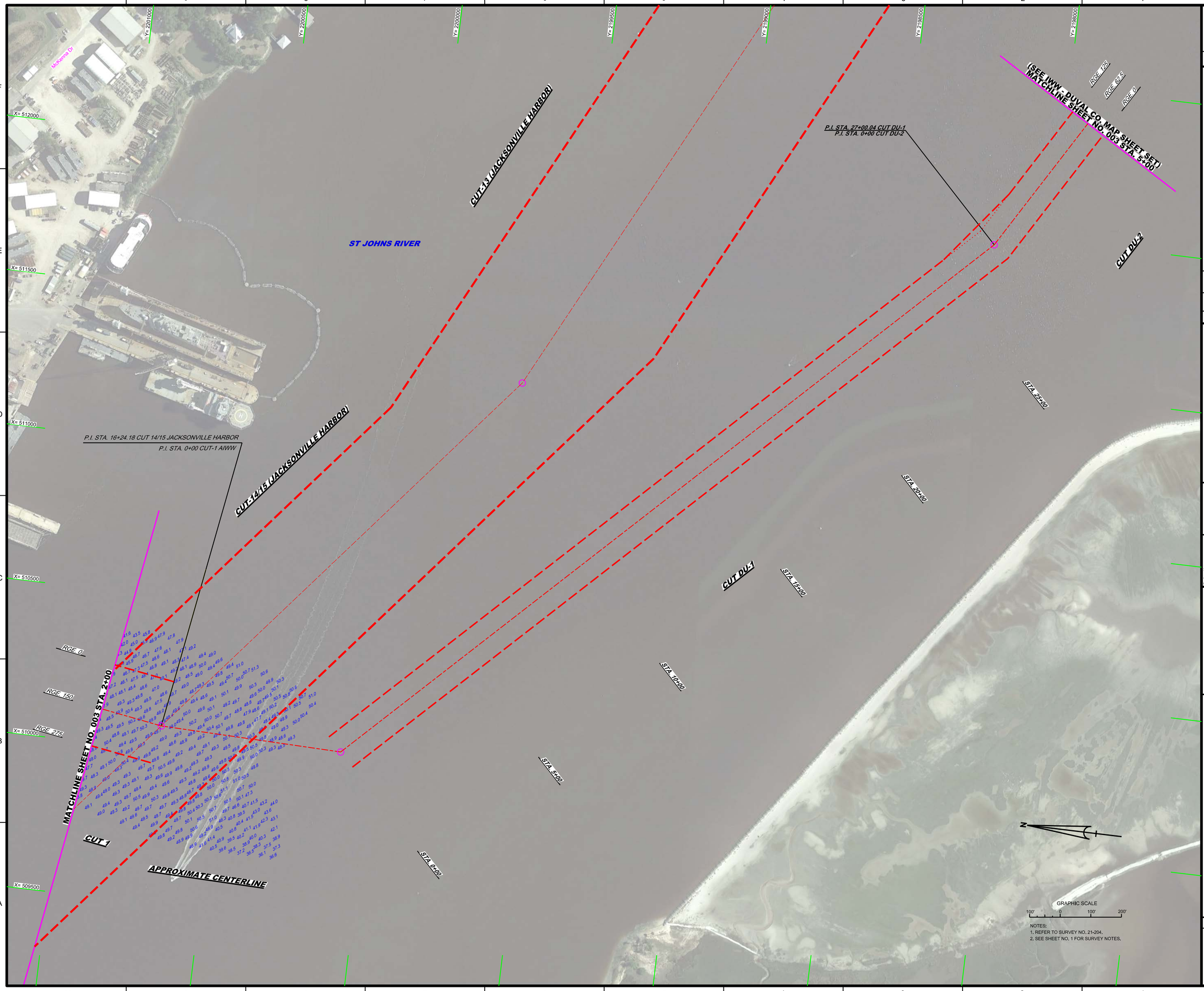
MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 19



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: VIRM
DWN by: VIRM
Chd by: CMR
Rev. No. V9123EP-XX-X-XXXX
Date: AUG 2021

XXXXXXXX-X-XXXXXX.DGN
XX-XXXX-X-XXXX.DGN
XX-XXXX-X-XXXX.DGN
21-204-USJN_AIWW_C1.DGN
IWW-CNG/MCCF.DGN
21-204-PS-BNDR_DU_AIWW.DGN
Reference files:
21-204-VH-002_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO ST. JOHNS RIVER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 2+00 CUT-1 AIWW THRU STA. 5+00 CUT DU-2

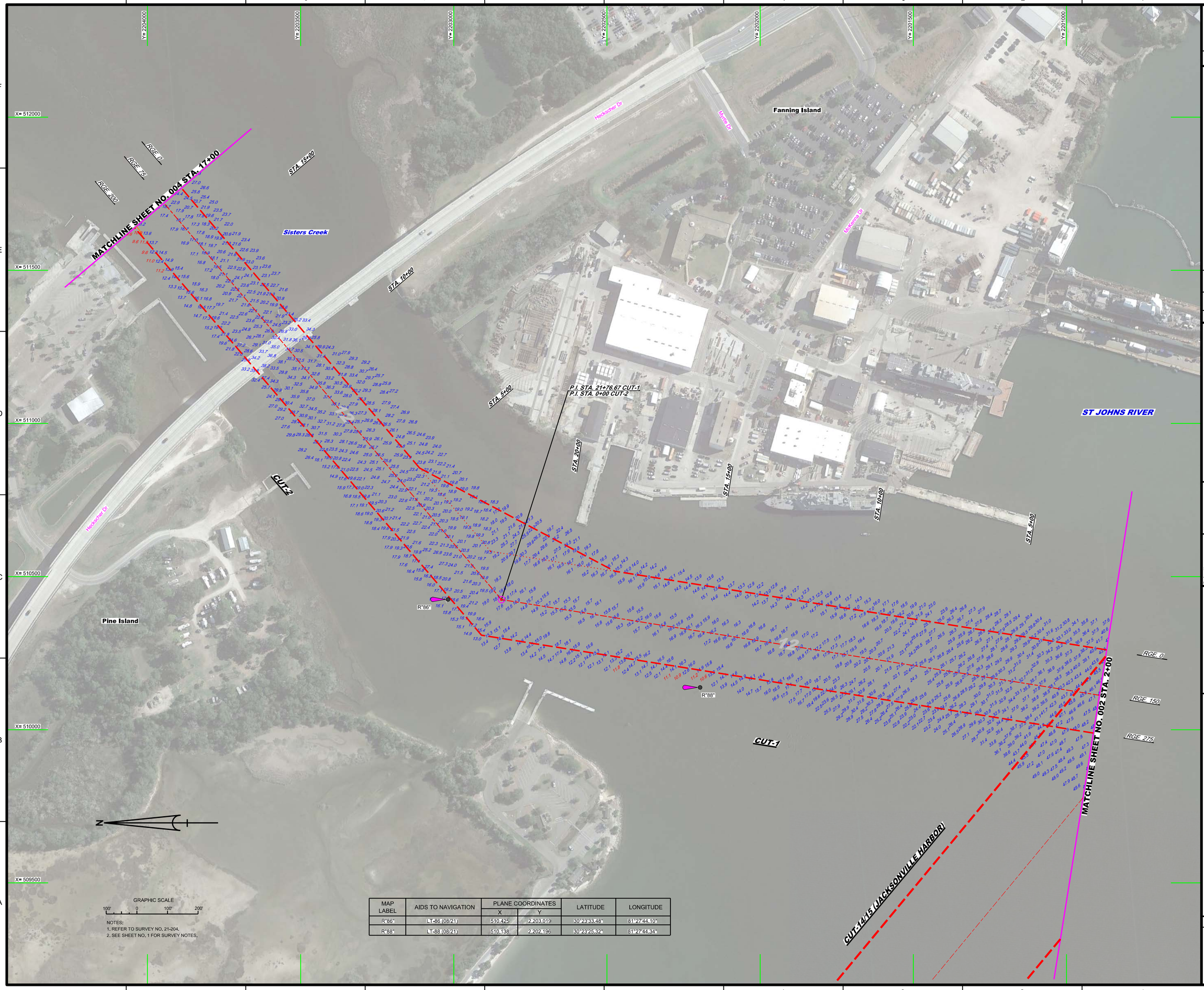
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 19



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
2. SEE SHEET NO. 1 FOR SURVEY NOTES,

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"86"	LT-86 (08/21)	510,425	2,203,019	30°23'33.48"	81°27'44.10"
R"88"	LT-88 (08/21)	510,138	2,202,196	30°23'25.32"	81°27'44.34"

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: VIRM
DWN by: VIRM
Ckd by: CMR
Rev. No. V9123EP-XX-X-XXXX
Date: AUG 2021

X:\XXXXX-X-X-XXXX.DGN
XXXXXXXX-X-XXXXXXXX.DGN
21-204-V-NAV_AWW_DU.DGN
21-204-V-CONT2_AWW_DU.DGN
21-204-V-CONT1_AWW_DU.DGN
21-204-V-SOUN_AWW_CU.DGN
NWW-CKGMCCF.DGN
21-204-P-ESHDR_DU_AWW.DGN
Reference files:
21-204-VH003_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 2+00 CUT-1 THRU STA. 17+00 CUT-2

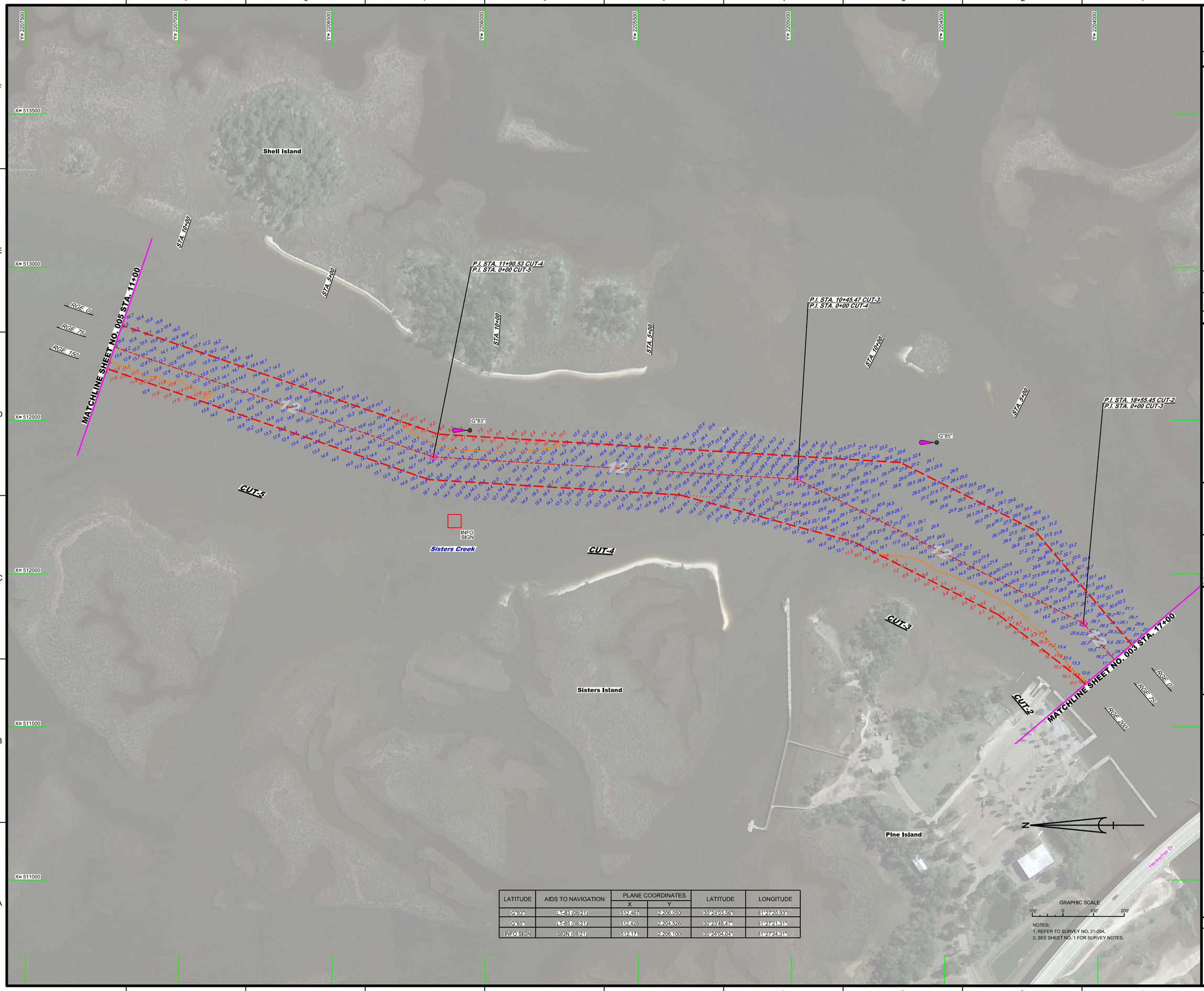
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 19



LATITUDE	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"83"	LT-83 (08/21)	512,467	2,206,050	30°24'03.56"	81°27'20.93"
G"85"	LT-85 (08/21)	512,428	2,204,526	30°23'48.47"	81°27'21.31"
INFO SIGN	SIGN (08/21)	512,171	2,206,100	30°24'04.04"	81°27'24.31"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Drawn by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.: V9123EP-XX-X-XXXX
Date: AUG 2021

21-204-AWW_ATOC_DU.DGN
21-204-AWW-CONT_AWW_DU_CD.DGN
21-204-AWW-SOUN_AWW_CD.DGN
21-204-AWW-SOUN_AWW_CD.DGN
21-204-AWW-SOUN_AWW_CD.DGN
21-204-AWW-SOUN_AWW_CD.DGN
NWW-CANGMCCF.DGN
21-204-HS-BRDR_DU_AWW.DGN
Reference files:
21-204-VH-004_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 17+00 CUT-2 THRU STA. 11+00 CUT-5

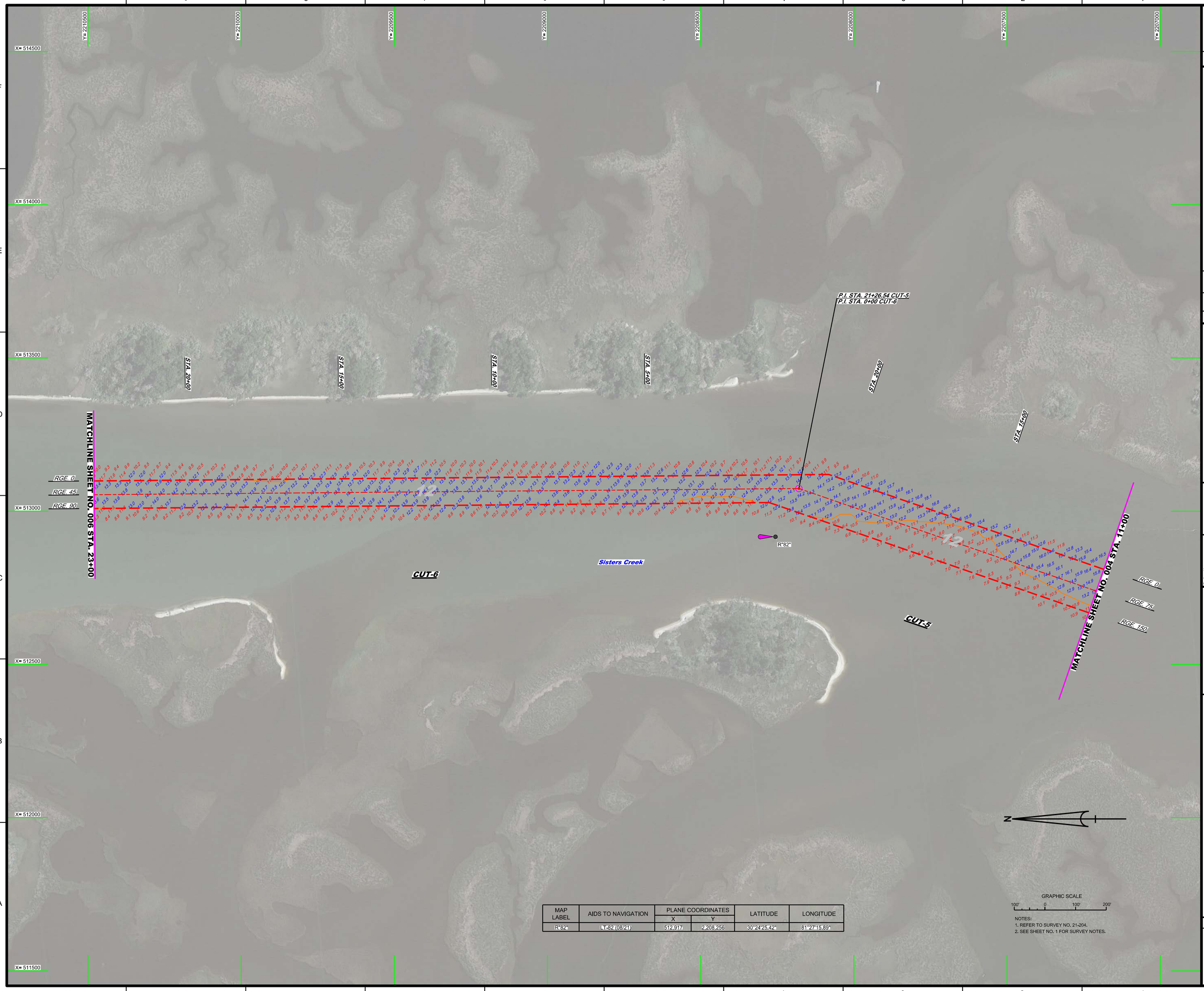
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"82"	LT-82 (08/21)	512,917	2,208,256	30°24'25.42"	81°27'15.89"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: VIRM
DWN by: VIRM
Chk'd by: GMR
Rev. No. V01125P-XXX-XXXX
Date: AUG 2021

XX-XXXX-XX-XXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
21-204-XC-NAV_AWW_DU.DGN
21-204-XC-CONTO_AWW_DU.DGN
21-204-XC-SOUN_AWW_DU.DGN
21-204-XC-SOUN_AWW_CALC.DGN
IWW-C-NGMCCF.DGN
2-204-C-BS-BRDR_DU_AWW.DGN

Reference files:
21-204-VH-005_DU_AWW.DGN

File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA BEACH TO CONNER, FLORIDA
(DUVAL COUNTY)

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 11+00 CUT-5 THRU STA. 23+00 CUT-6

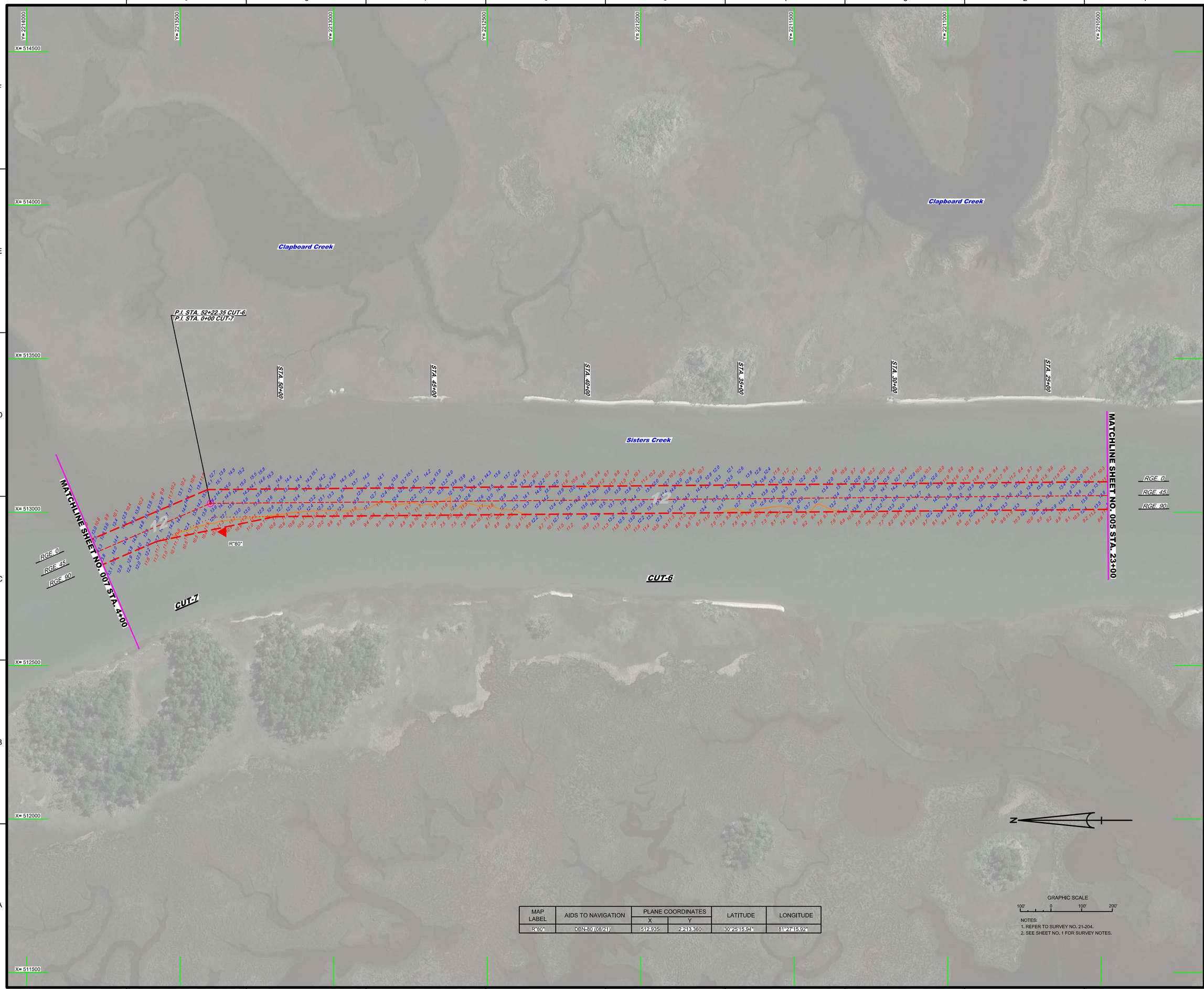
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"80"	DBN-80 (08/21)	512,935	2,213,360	30°25'15.94"	81°27'15.92"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
Drawn by: WRM
Checked by: GMR
Inv. No. W912EP-XX-X-XXXX
Date: AUG 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-204-VHANAV_AMWV_DUL.DGN
21-204-VHCONT2_AMWV_DUL.DGN
21-204-VHCONT3_AMWV_DUL.DGN
21-204-VHSOUN_AMWV_CT.DGN
0WWV-CNGMCCF.DGN
21-204-C-BS-BRDR_DU_AMWV.DGN
Reference files:
21-204-VH-009_DU_AMWV.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 23+00 CUT-6 THRU STA. 4+00 CUT-7

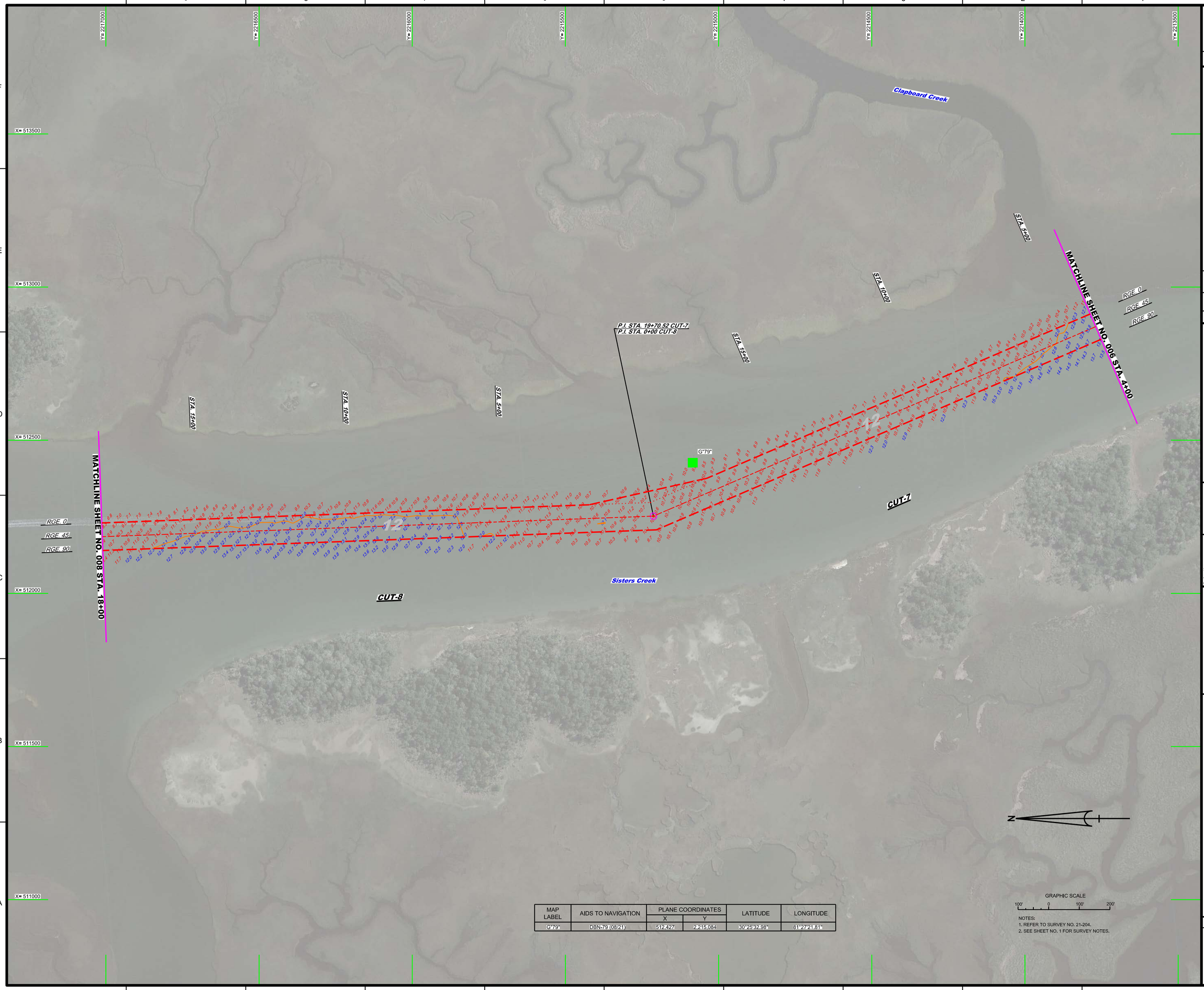
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"79"	DBN-79 (08/21)	512,427	2,215,084	30°25'32.98"	81°27'21.81"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No. V912EP-XX-XX-XXXX
Dates: AUG 2021

X:\XXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
21-204-HAWV_AWW_DU.DGN
21-204-A-CON12_AWW_DU.DGN
21-204-A-CON10_AWW_DU.DGN
21-204-A-SOUN_AWW_CL.DGN
IWW-C-CNGMCF.DGN
21-204-C-BR-BRDR_DU_AWW.DGN
Reference files:
21-204-HH007_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 4+00 CUT-7 THRU STA. 18+00 CUT-8

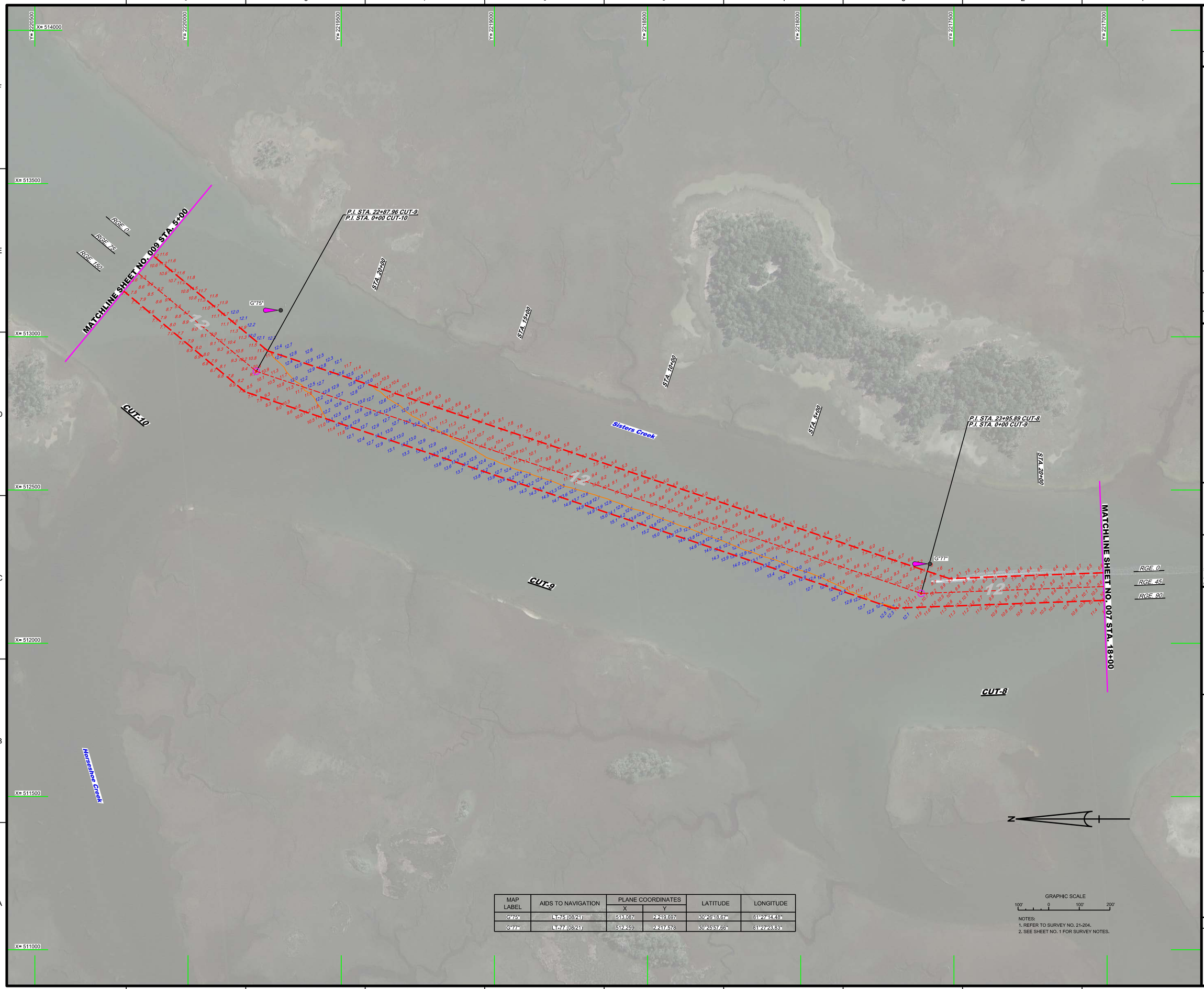
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"75"	LT-75 (08/21)	513,087	2,219,697	30°26'18.67"	81°27'14.48"
G"77"	LT-77 (08/21)	512,259	2,217,578	30°25'57.66"	81°27'23.83"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.: V912EP-XX-XX-XXXX
Date: AUG 2021

X:\XXXX-XX-XX-XXXX-DGN\
21-204-A-AAAA_AIWW_DU.DGN
21-204-A-CONT2_AIWW_DU.DGN
21-204-A-SOUN_AIWW_CB.DGN
21-204-A-SOUN_AIWW_CC.DGN
21-204-A-SOUN_AIWW_C10.DGN
IWW-C-NGMCF.DGN
21-204-A-BR-BRDR_DU_AIWW.DGN
Reference files:
21-204-A-HH-08_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA BEACH TO DAMES POINT, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 18+00 CUT-8 THRU STA. 5+00 CUT-10

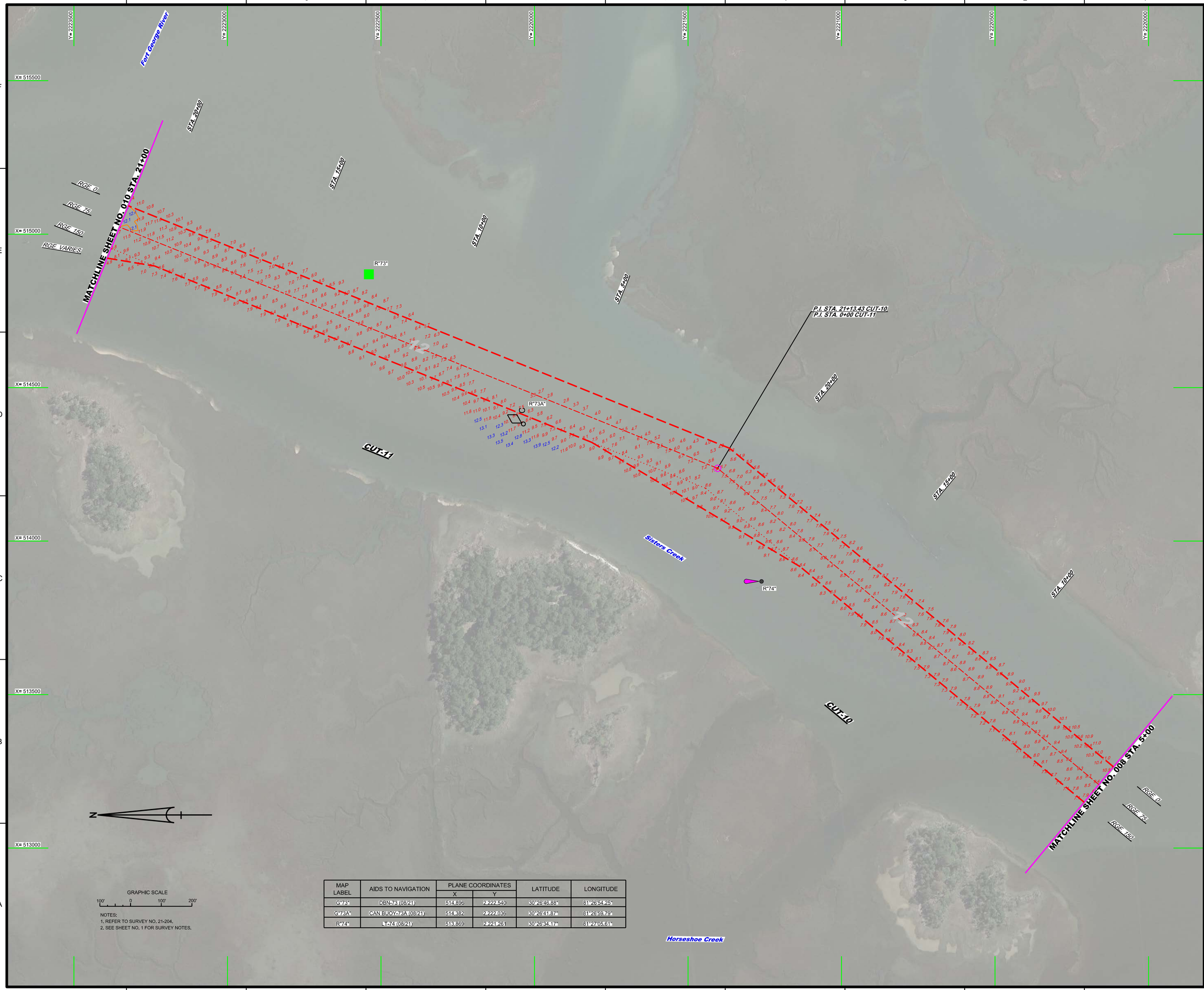
PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"73"	DBN-73 (08/21)	514,896	2,222,540	30°26'46.88"	81°26'54.25"
G"73A"	CAN BUOY-73A (08/21)	514,382	2,222,036	30°26'41.87"	81°26'59.79"
R"74"	LT-74 (08/21)	513,869	2,221,261	30°26'34.17"	81°27'05.61"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No. V912EP-XX-XX-XXXX
Date: AUG 2021

V:\XXXXXXXX-XX-XXXX.DGN
XXXXXXXX-XX-XXXX.DGN
21-204-HAWAV_AIWW_DU.DGN
21-204-A-CON12_AIWW_DU.DGN
21-204-A-SOUN_AIWW_C-10.DGN
21-204-A-SOUN_AIWW_C-11.DGN
IWW-C-CNGMCF.DGN
21-204-C-BR-BRDR_DU_AIWW.DGN
Reference files:
21-204-HH-009_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO CONNS WATER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 5+00 CUT-10 THRU STA. 21+00 CUT-11

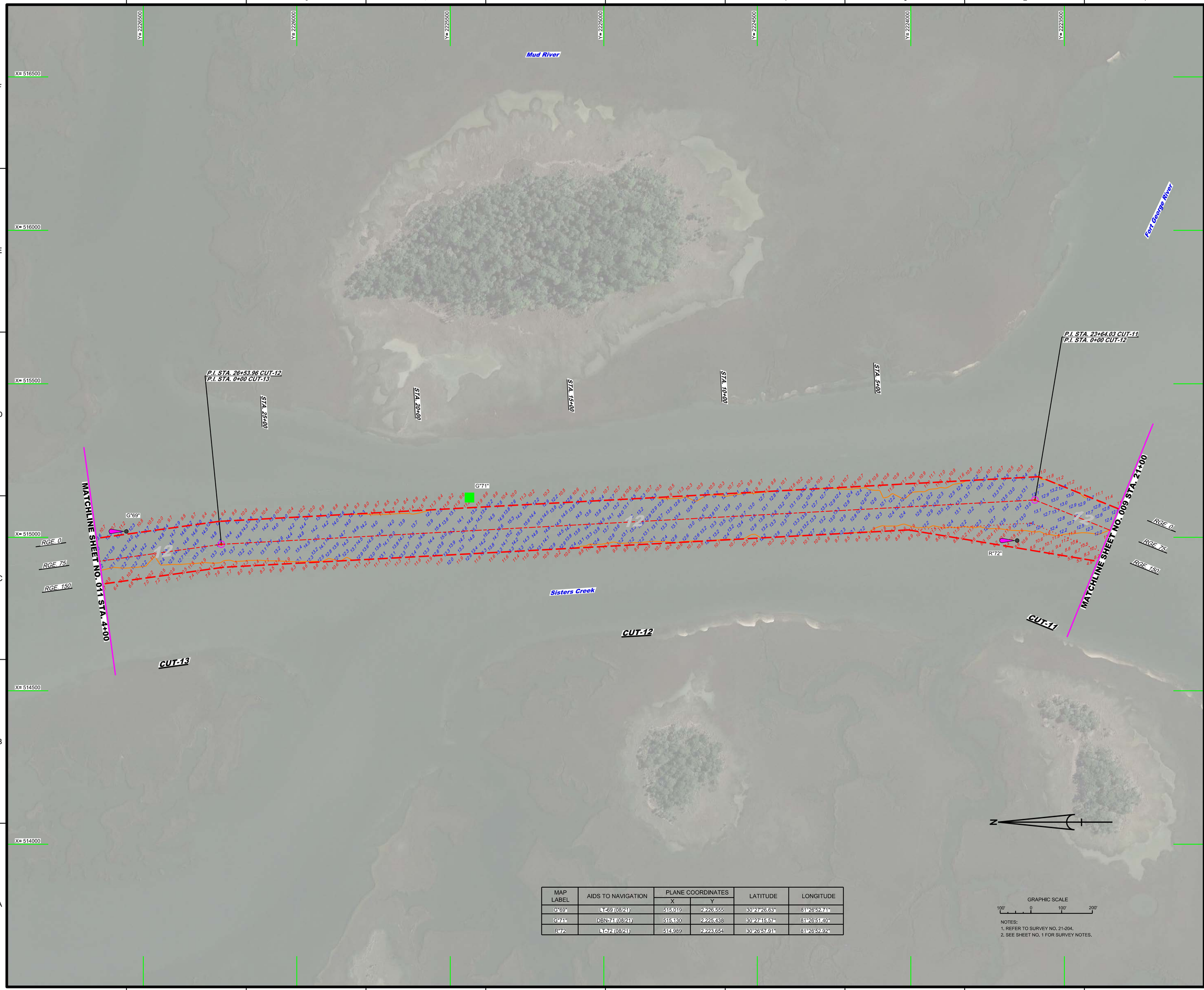
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"69"	LT-69 (08/21)	515,019	2,226,555	30°27'26.63"	81°26'52.74"
G"71"	DBN-71 (08/21)	515,130	2,225,438	30°27'15.57"	81°26'51.40"
R"72	LT-72 (08/21)	514,989	2,223,654	30°26'57.91"	81°26'52.92"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Cad by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V9912EP-XX-X-XXXX
Date: AUG 2021

X:\XX-XX-XX-XXXX-XXX\
21-204-AXXX-AWW_DU.DGN
21-204-VXXX-AWW_DU.DGN
21-204-VC-CONT2_AWW_DU.DGN
21-204-VS-SOUN_AWW_C11.DGN
21-204-VS-SOUN_AWW_C12.DGN
21-204-VS-SOUN_AWW_C13.DGN
IWW-CONGMCCF.DGN
21-204-PS-BRDR_DU_AWW.DGN
Reference files:
21-204-VH-010_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 21+00 CUT-11 THRU STA. 4+00 CUT-13

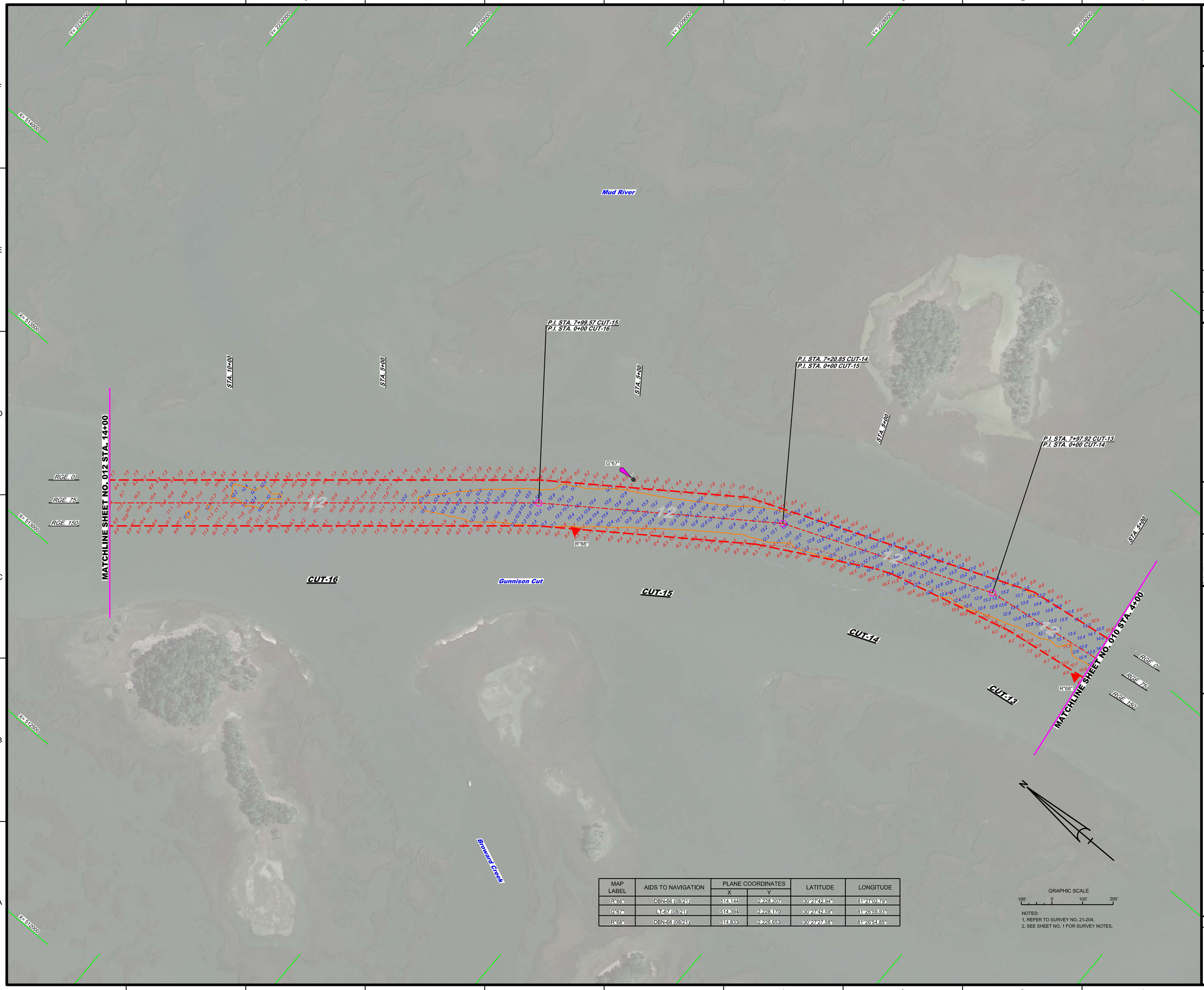
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"66"	DBN-66 (08/21)	514,144	2,228,207	30°27'42.94"	81°27'02.79"
G"67"	LT-67 (08/21)	514,394	2,228,170	30°27'42.59"	81°26'59.93"
R"68"	DBN-68 (08/21)	514,833	2,226,653	30°27'27.58"	81°26'54.85"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.: V912EP-XX-XX-XXXX
Date: AUG 2021

21-204-HAW_AWW_DU.DGN
21-204-A-CONT_AWW_DU.DGN
21-204-A-SOUN_AWW_C13.DGN
21-204-A-SOUN_AWW_C14.DGN
21-204-A-SOUN_AWW_C15.DGN
21-204-A-SOUN_AWW_C16.DGN
IWW-CONGMCF.DGN
21-204-HR-BRDR_DU_AWW.DGN
Reference files
21-204-HH11_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO ST. JOHNS RIVER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 4+00 CUT-13 THRU STA. 14+00 CUT-16

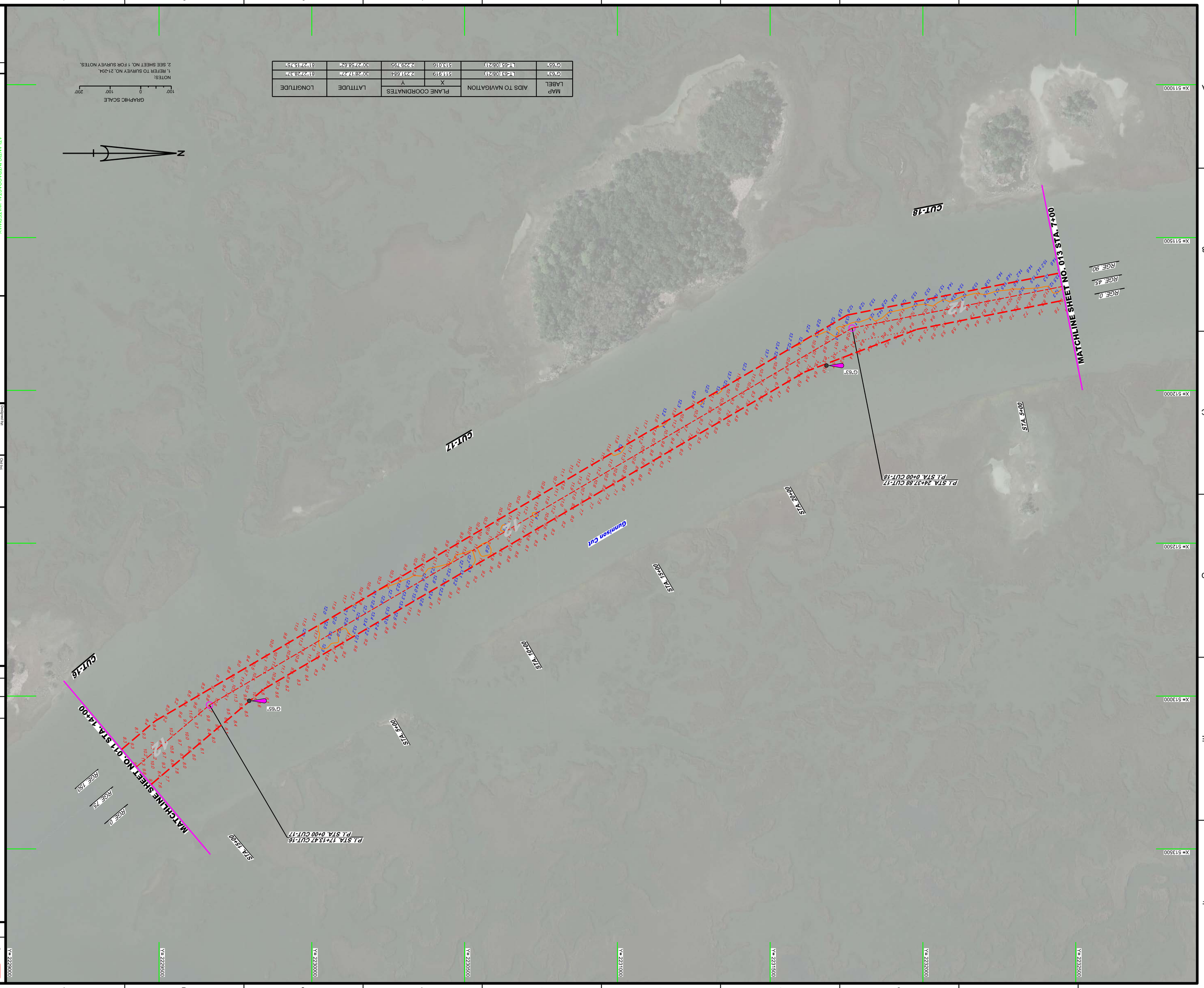
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"63"	LT-63 (08/21)	511,919	2,231,684	30°28'17.27"	81°22'28.37"
G"65"	LT-65 (08/21)	513,016	2,229,795	30°27'58.62"	81°22'15.75"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

N

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA - JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 14+00 CUT-16 THRU STA. 7+00 CUT-18

PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 19

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

Designed by: WRM
Drawn by: WRM
Checked by: GMR
Trv. No.: W912EP-XXXXXXX
Date: AUG 2021

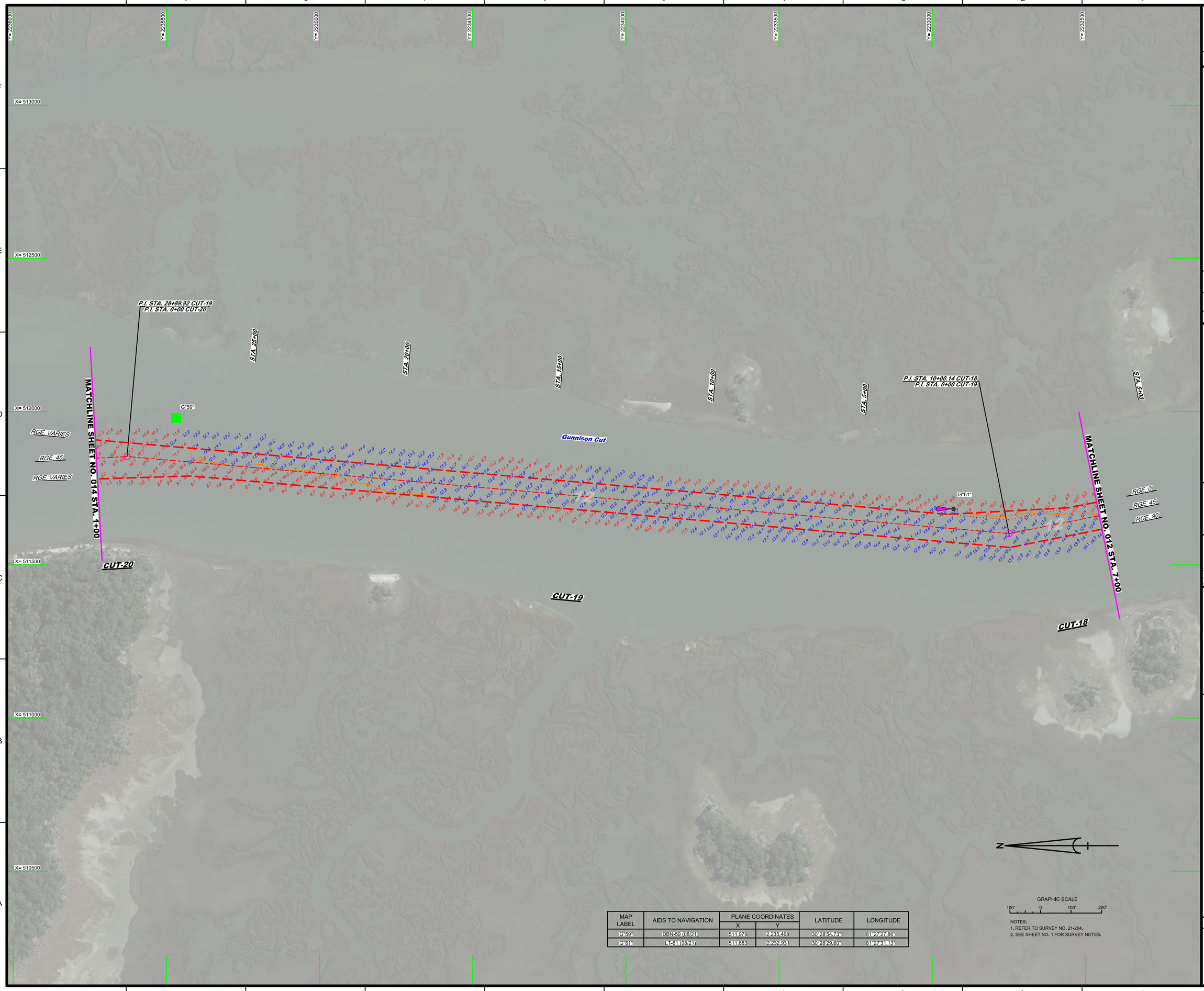
Reference files:
21-204-A-MAV_AIWW_DUD.DGN
21-204-A-CONT2_AIWW_DUD.DGN
21-204-A-SOUN_AIWW_CTR.DGN
21-204-A-SOUN_AIWW_CTR.DGN
21-204-A-SOUN_AIWW_CTR.DGN
IWW-A-NGNCOF.DGN
21-204-G-BS-SRDR_DU_AIWW.DGN

File name: 21-204-W-H12_DU_AIWW.DGN

No.	Submit	Zone

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"59"	DBN-59 (08/21)	511,979	2,235,468	30°28'54.73"	81°27'27.86"
G"61"	LT-61 (08/21)	511,683	2,232,931	30°28'29.60"	81°27'31.13"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: VIRM
DWN by: VIRM
Chd by: CMR
Rev. No. V9123EP-XX-X-XXXX
Date: AUG 2021

X:\XX-XX-X-XXXX-XX\
21-204-XXX-AWW_DU.DGN
21-204-XXX-AWW_DU_CUT.DGN
21-204-VHC01_AWW_DU.DGN
21-204-VHC02_AWW_DU.DGN
21-204-VHC03_AWW_DU.DGN
21-204-VHC04_AWW_DU.DGN
21-204-VHC05_AWW_DU.DGN
21-204-VHC06_AWW_DU.DGN
21-204-VHC07_AWW_DU.DGN
21-204-VHC08_AWW_DU.DGN
21-204-VHC09_AWW_DU.DGN
21-204-VHC10_AWW_DU.DGN
21-204-VHC11_AWW_DU.DGN
21-204-VHC12_AWW_DU.DGN
21-204-VHC13_AWW_DU.DGN
21-204-VHC14_AWW_DU.DGN
21-204-VHC15_AWW_DU.DGN
21-204-VHC16_AWW_DU.DGN
21-204-VHC17_AWW_DU.DGN
21-204-VHC18_AWW_DU.DGN
21-204-VHC19_AWW_DU.DGN
21-204-VHC20_AWW_DU.DGN
21-204-VHC21_AWW_DU.DGN
21-204-VHC22_AWW_DU.DGN
21-204-VHC23_AWW_DU.DGN
21-204-VHC24_AWW_DU.DGN
21-204-VHC25_AWW_DU.DGN
21-204-VHC26_AWW_DU.DGN
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21-204-VHC28_AWW_DU.DGN
21-204-VHC29_AWW_DU.DGN
21-204-VHC30_AWW_DU.DGN
21-204-VHC31_AWW_DU.DGN
21-204-VHC32_AWW_DU.DGN
21-204-VHC33_AWW_DU.DGN
21-204-VHC34_AWW_DU.DGN
21-204-VHC35_AWW_DU.DGN
21-204-VHC36_AWW_DU.DGN
21-204-VHC37_AWW_DU.DGN
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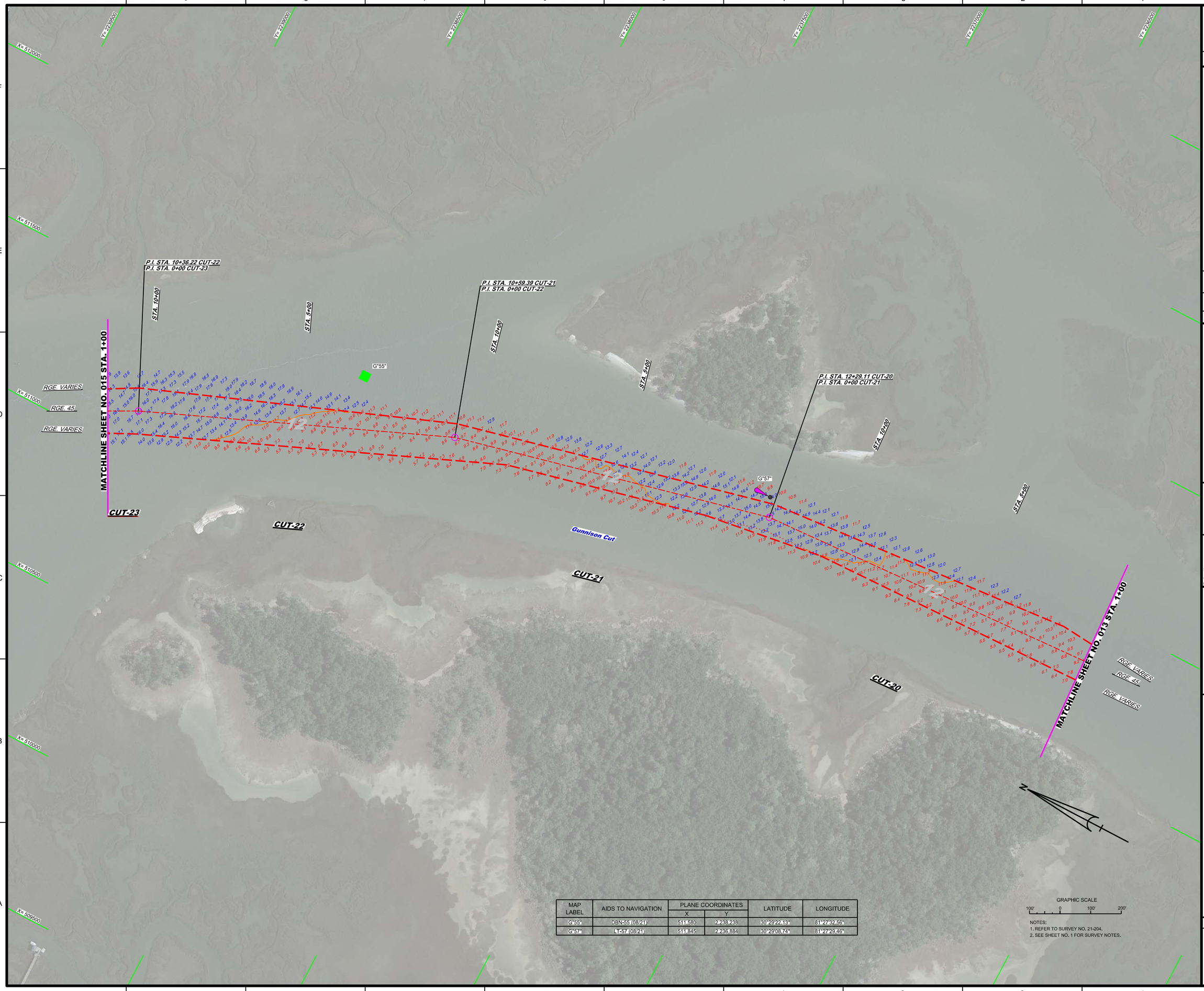
21-204-VHC40_AWW_DU.DGN



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"55"	DBN-55 (08/21)	511,580	2,238,238	30°29'22.13"	81°27'32.56"
G"57"	LT-57 (08/21)	511,845	2,236,884	30°29'08.74"	81°27'29.46"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: VIRM
DWN by: VIRM
Chd by: CMR
Rev. No.: V9912EP-XX-X-XXXX
Date: AUG 2021

21-204-LV-ENV_PLAN.DGN
21-204-LV-CONC_AIWW_DU.DGN
21-204-LV-SOUN_AIWW_C01.DGN
21-204-LV-SOUN_AIWW_C02.DGN
21-204-LV-SOUN_AIWW_C21.DGN
21-204-LV-SOUN_AIWW_C22.DGN
21-204-LV-SOUN_AIWW_C23.DGN
IWW-CKGMCCF.DGN
21-204-LV-BS-BNDR_DU_AIWW.DGN
Reference files:
21-204-LV-H-014_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 1+00 CUT-20 THRU STA. 1+00 CUT-23

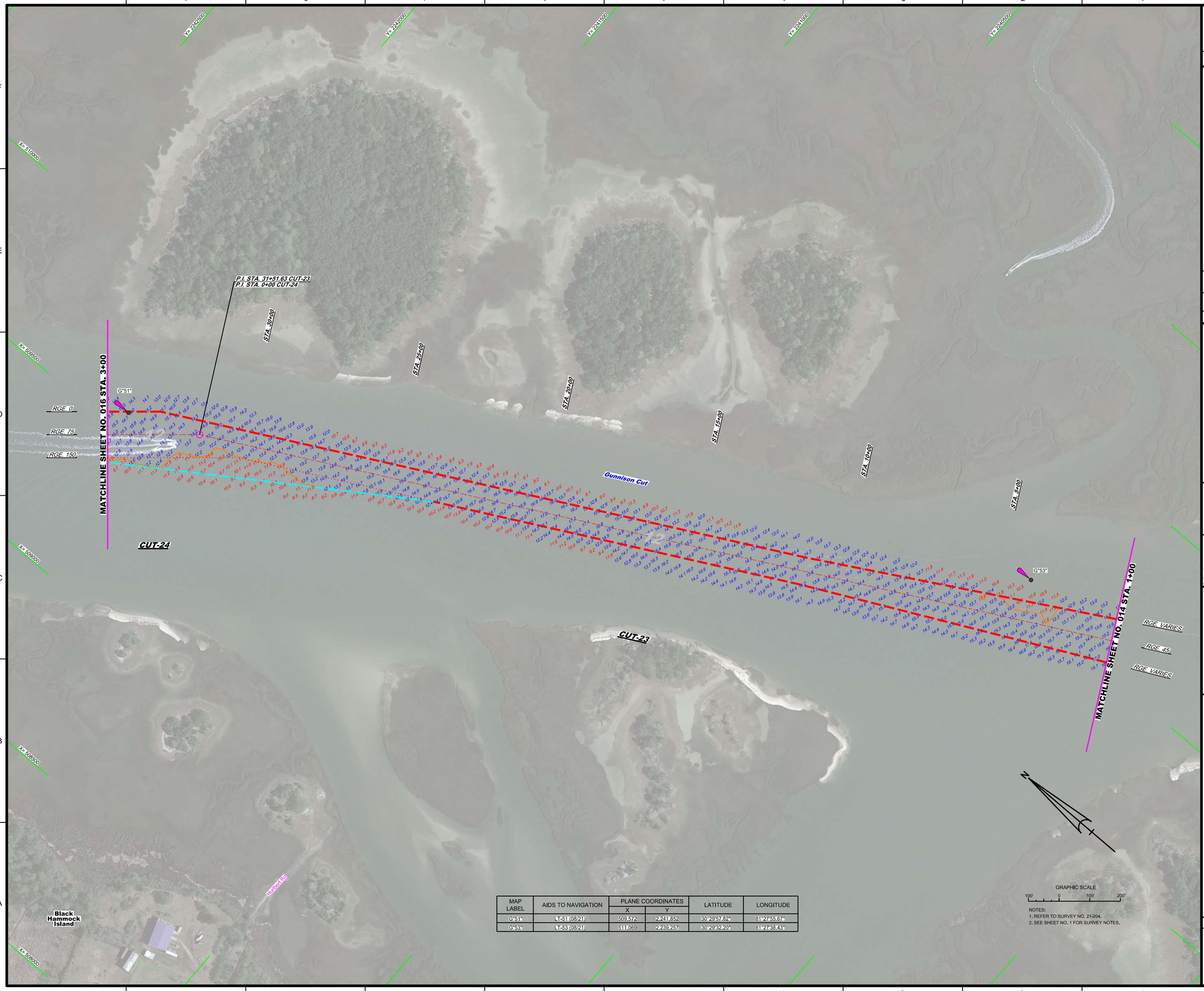
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"51"	LT-51 (08/21)	509,572	2,241,852	30°29'57.82"	81°27'55.67"
G"53"	LT-53 (08/21)	511,069	2,239,257	30°29'32.20"	81°27'38.43"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No. V912EP-XX-XX-XXXX
Date: AUG 2021

X:\XXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXXXXX.DGN
21-204-HCON12_AWW_DU.DGN
21-204-NAV_AWW_DU.DGN
21-204-HSHS_AWW_DU.DGN
21-204-HSOUN_AWW_C24.DGN
IWW-CONGMCF.DGN
21-204-CB-BRDR_DU_AWW.DGN
Reference files
21-204-HH015_DU_AWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 1+00 CUT-23 THRU STA. 3+00 CUT-24

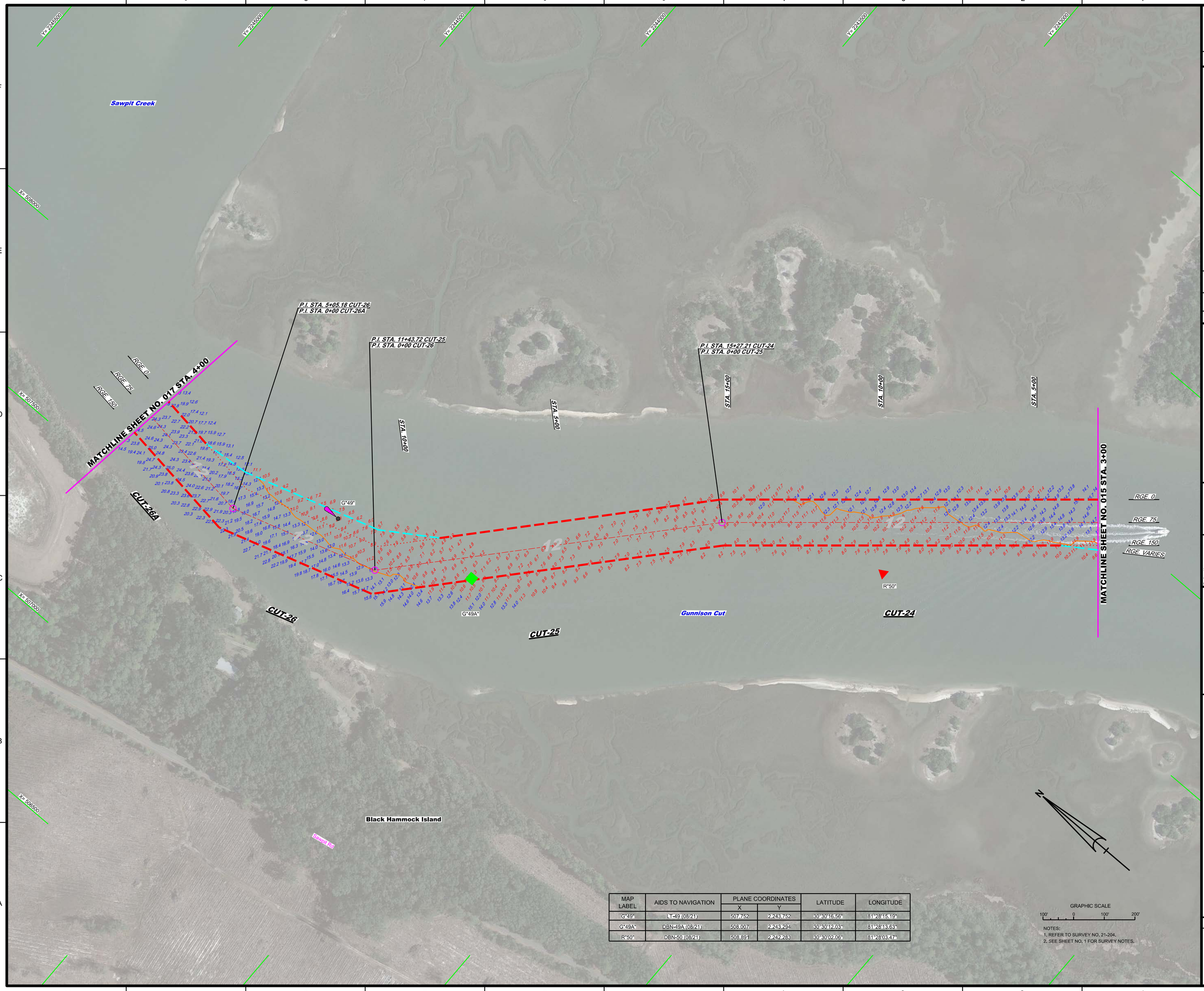
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"49"	LT-49 (08/21)	507,752	2,243,752	30°30'16.56"	81°28'45.19"
G"49A"	DBN-49A (08/21)	508,007	2,243,294	30°30'12.03"	81°28'13.63"
R"50"	DBN-50 (08/21)	508,891	2,242,283	30°30'02.06"	81°28'03.47"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V9912EP-XX-X-XXXX
Date: AUG 2021

21-204-AWW_ARW_DU.DGN
21-204-AWW-CONT_AWW_DU.DGN
21-204-W-SOUN_AWW_C24.DGN
21-204-W-SOUN_AWW_C25.DGN
21-204-W-SOUN_AWW_C26.DGN
21-204-W-SOUN_AWW_C26A.DGN
NWW-CKGMCCF.DGN
21-204-DBS-BRDR_DU_AWW.DGN
Reference files:
21-204-VH-016_DU_AWW.DGN
File name:

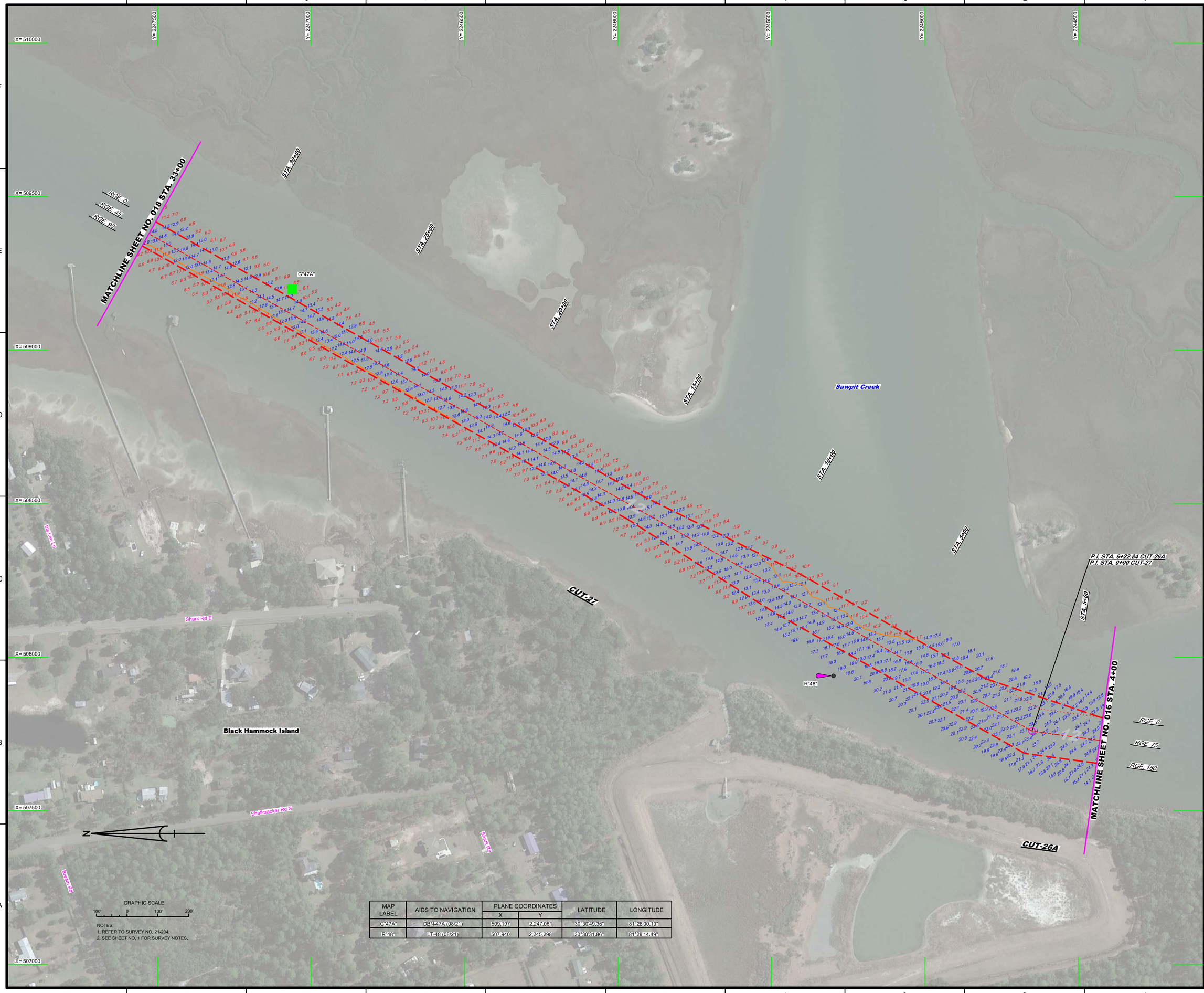
ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 3+00 CUT-24 THRU STA. 4+00 CUT-26A
PLAN

Scale: AS SHOWN

Drawing no.
16

SHEET 16 OF 19



NOTES:
1. REFER TO SURVEY NO. 21-204.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"47A"	DBN-47A (08/21)	509,197	2,247,061	30°30'49.36"	81°28'00.19"
R"48"	LT-48 (08/21)	507,940	2,245,298	30°30'31.86"	81°28'14.49"

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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.: V9123EP-XX-X-XXXX
Date: AUG 2021

X:\XXXXXXX-X-XXXXXXX.DGN
XXXXXXXXX-X-XXXXXXXX.DGN
21-204-V-CONT1_AMWW_DU.DGN
21-204-V-CONT2_AMWW_DU.DGN
21-204-V-NAV_AMWW_DU.DGN
21-204-V-SOUN_AMWW_CZ.DGN
RWW-CANGMCCF.DGN
21-204-P-ESHDR_DU_AMWW.DGN
Reference files:
21-204-V-H017_DU_AMWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA HARBOR, NASSAU RIVER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 4+00 CUT-26A THRU STA. 33+00 CUT-27
PLAN

Scale: AS SHOWN

Drawing no.
17

SHEET 17 OF 19

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-204.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"47"	L1-47 (08/21)	511,095	2,250,158	30°31'20.10"	81°27'38.65"

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
DWN by: WRM
Ckd by: GMR
Prj. No. W912EP-XX-X-XXXX
Date: AUG 2021

XX-XXXX-X-XXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
21-204-A-NAV_AIWW_DU.DGN
21-204-A-NAV_AIWW_DU.DGN
21-204-A-SOUN_AIWW_CST.DGN
IWW-C-NGMCCF.DGN
21-204-C-BE-BRGR_DU_AIWW.DGN
Reference files:
21-204-VYH-016_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO ST. JOHNS RIVER, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 33+00 THRU STA. 66+00 CUT-27

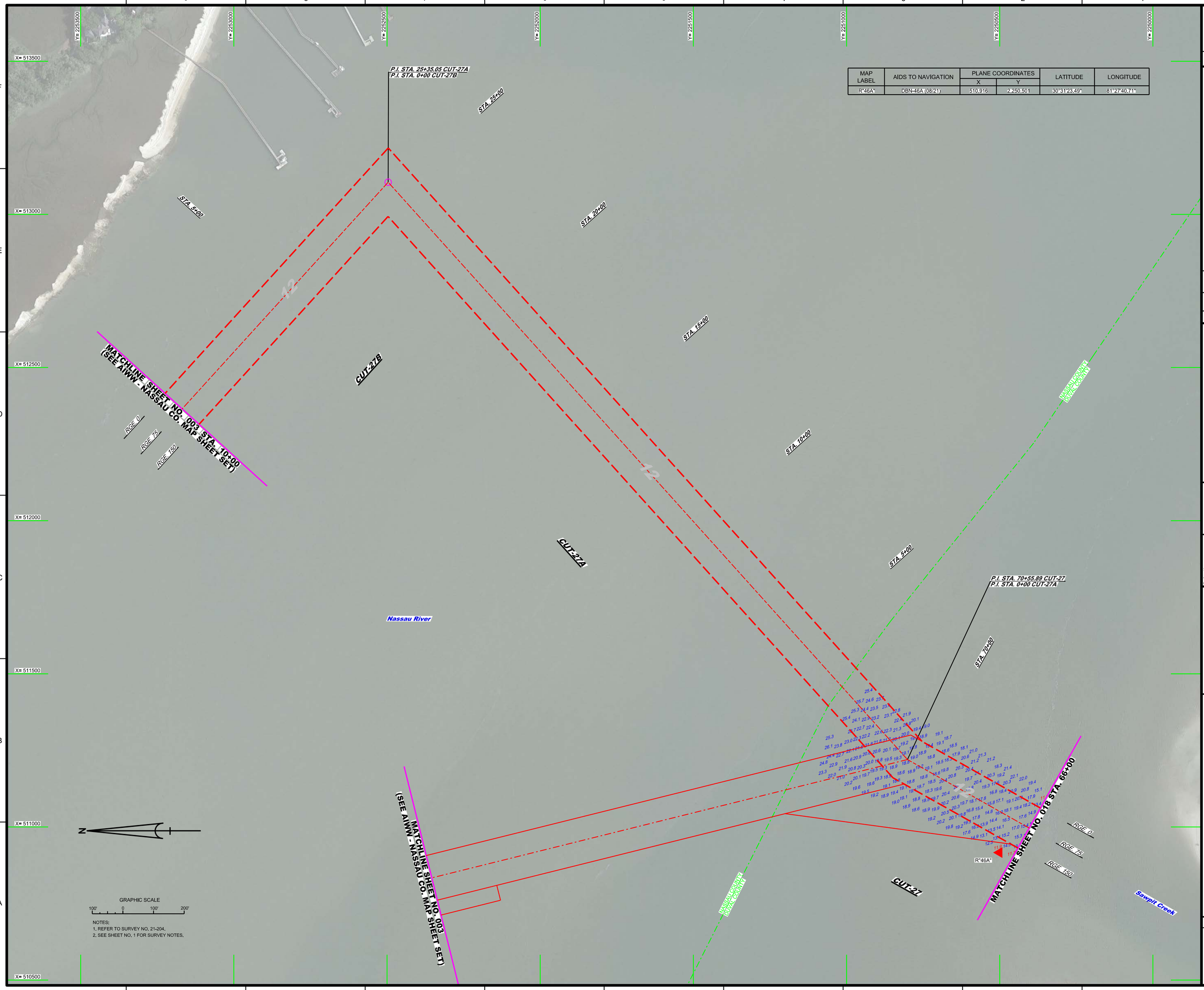
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 19



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"46A"	DBN-46A (08/21)	510,916	2,250,501	30°31'23.49"	81°27'40.71"

NOTES:
1. REFER TO SURVEY NO. 21-204.
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

Designed by: WRM
DWN by: WRM
Chkd by: GMR
Proj. No.: V912EP-XX-XX-XXXX
Date: AUG 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-204-LA-SOUN_AIWW_02.DGN
IWW-C-CNGMCF.DGN
21-204-C-BS-BRDR_DU_AIWW.DGN
Reference files
21-204-HH-19_DU_AIWW.DGN
File name:

ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA TO JACKSONVILLE, FLORIDA
DUVAL COUNTY

HYDROGRAPHIC EXAMINATION SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 65+00 CUT-27 THRU STA. 10+00 CUT-27B

PLAN

Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 19