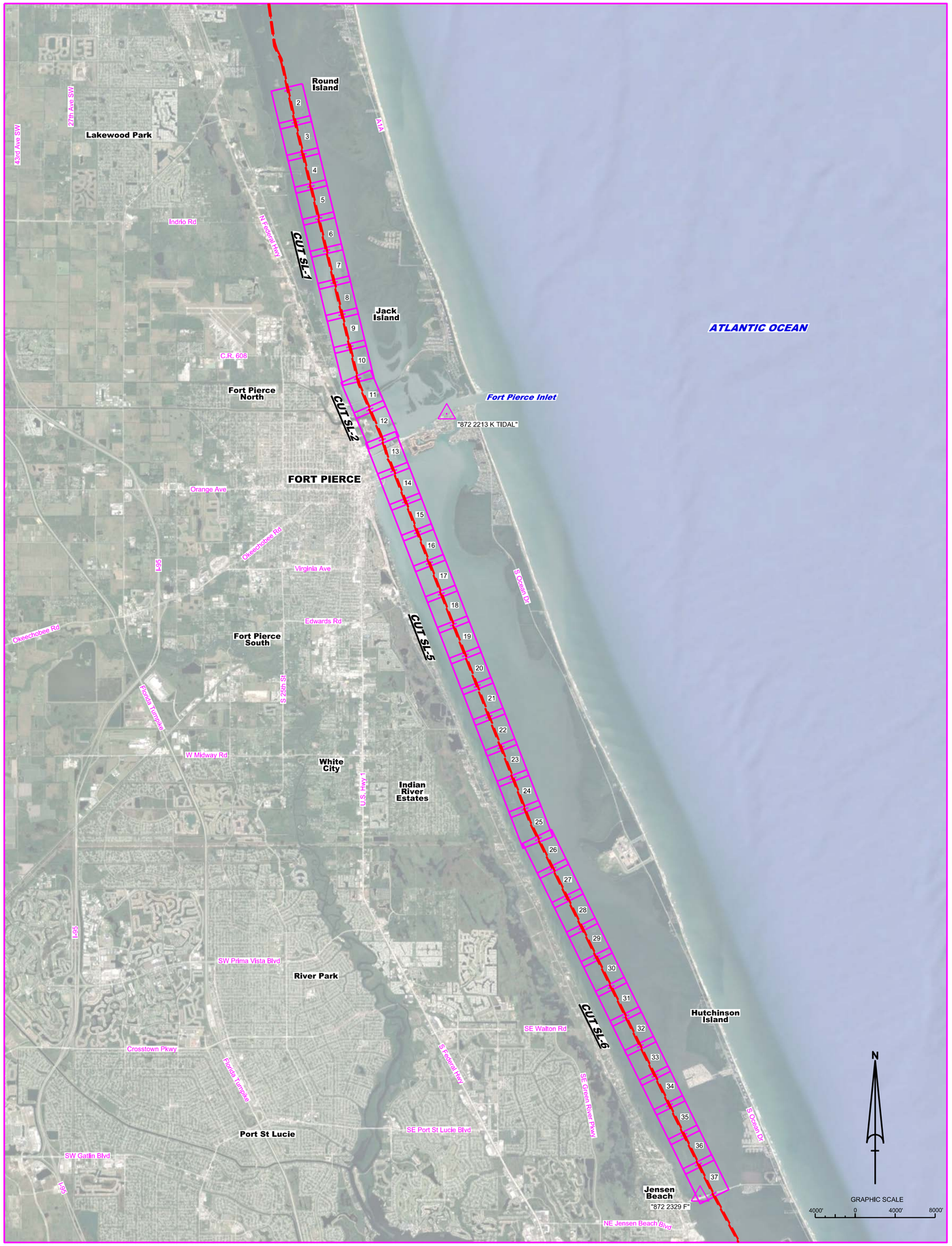
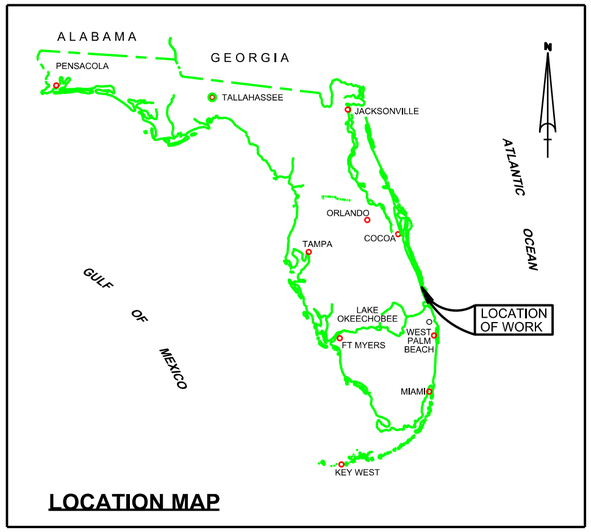




LOCATION MAP

INTRACOASTAL WATERWAY (IWW)
JACKSONVILLE TO MIAMI
ST. LUCIE COUNTY, FL
HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 21-235.
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: "INDIANRIVER-STLUCIE-MARTIN_20140527.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 BENCH MARKS BELOW:

   NOAA TIDAL STATION 872-2213 FOR THE NORTH END. (NGS PID: DI3923)

   NOAA TIDAL STATION "872 2329 F" FOR THE SOUTH END (PID: DM3743)

   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-44	10 AUG 2021	SL-6
SB-44	11 AUG 2021	SL-6
SB-44	12 AUG 2021	SL-5, SL-6
SB-48	02 SEP 2021	SL-1, SL-2
SB-48	03 SEP 2021	SL-3N, SL-3S, SL-4, SL-5, SL-6
SB-48	08 SEP 2021	SL-1

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.

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

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
Dated: SEP 2021

XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
IWW-CNGMCCF.DGN
21-235-C-BS-BRDR_SL.DGN
Reference files:
21-235-FH-001_SL.DGN
File name:

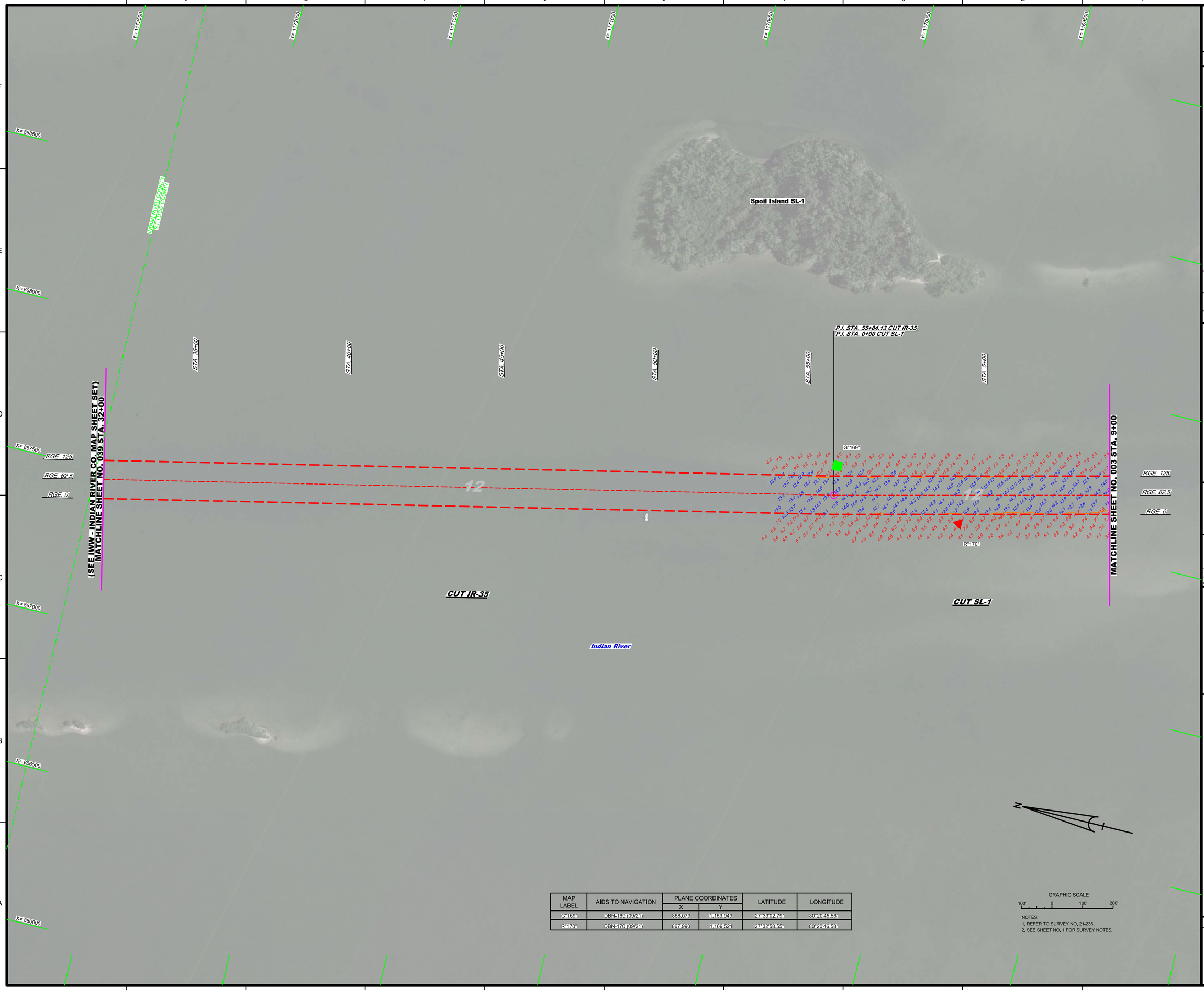
INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"169"	DBN-169 (09/21)	868,079	1,169,949	27°33'02.79"	80°20'45.56"
R"170"	DBN-170 (09/21)	867,990	1,169,521	27°32'58.55"	80°20'46.58"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

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

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235A-MAV.DGN
21-235A-SOUN_01.DGN
21-235A-SOUN_SL1.DGN
IWW-C-CNGMCF.DGN
21-235-C-BR-BRDR_SL.DGN
Reference files:
21-235-VH-002_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 32+00 CUT IR-35 THRU STA. 9+00 CUT SL-1

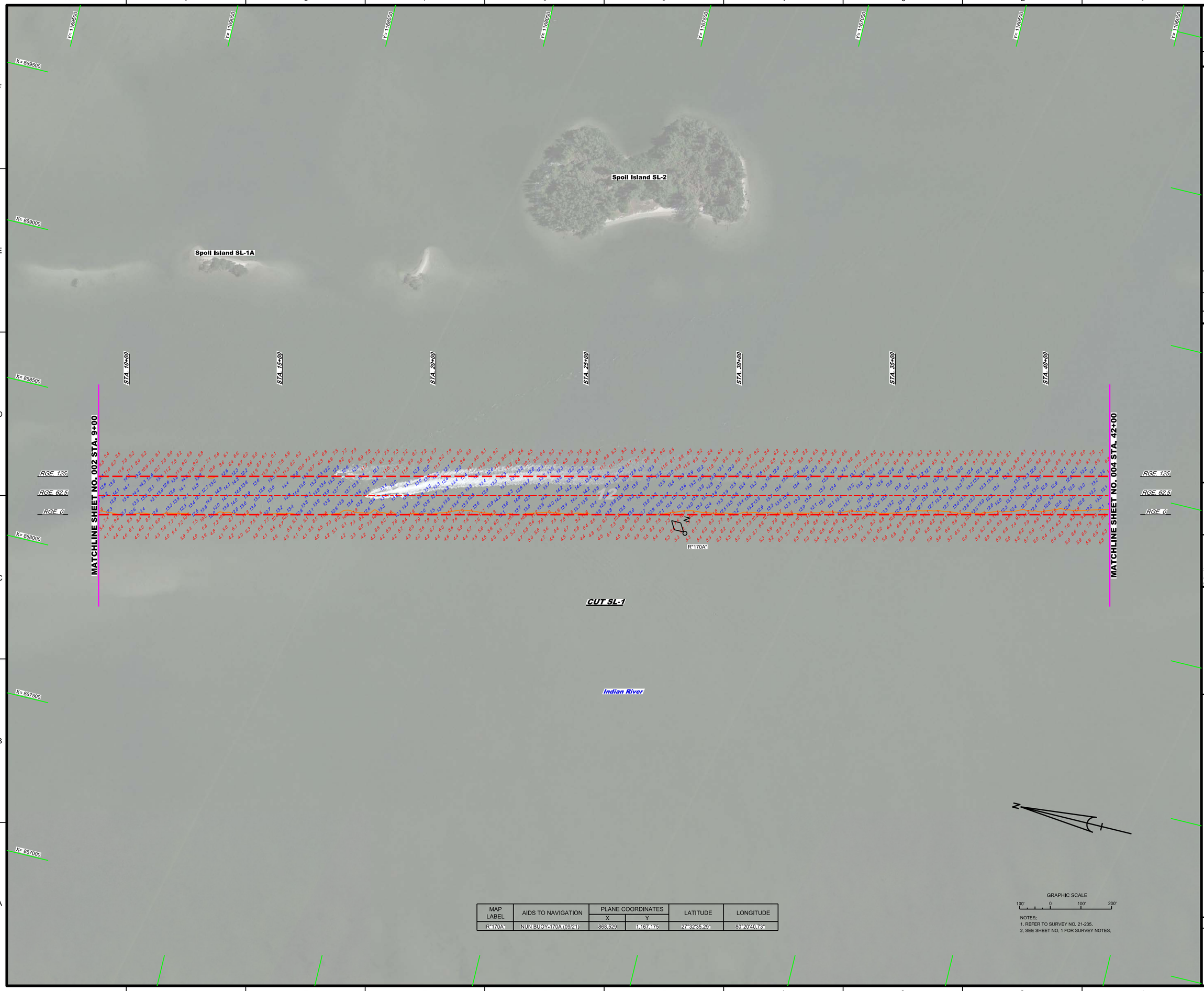
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"170A"	NUN BUOY-170A (09/21)	868,529	1,167,175	27°32'35.29"	80°20'40.73"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01125ER-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-U-NAV.DGN
21-235-U-NAV-TOPO.DGN
21-235-U-SOUN_SL1.DGN
IWW-C-NGMCCF.DGN
21-235-U-ESHBDR_SL.DGN
Reference files:
21-235-UVH-003_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 9+00 THRU STA. 42+00 CUT SL-1

PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"171"	DBN-171 (09/21)	896,297	1,164,927	27°32'12.99"	80°20'32.33"
R"172"	LT-172 (09/21)	869,284	1,164,181	27°32'05.60"	80°20'32.52"
INFO SIGN	SIGN (09/21)	869,103	1,164,859	27°32'12.32"	80°20'34.49"
INFO SIGN	SIGN (09/21)	869,320	1,164,938	27°32'13.10"	80°20'32.07"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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. V0912SE1-XXX-XXXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-VIANV.DGN
21-235-VIANV2.DGN
21-235-VISOUN_SL.DGN
IWW-C-NGMCCF.DGN
21-235-VHB-BRDR_SL.DGN
Reference files:
21-235-VHB04_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 42+00 THRU STA. 75+00 CUT SL-1

PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"172A"	DBN-172A (09/21)	869,994	1,161,415	27°31'38.18"	80°20'24.79"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01125F>XXX>XXXXX
Date: SEP 2021

XXXX

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"173"	DBN-173 (09/21)	870,759	1,158,996	27°31'14.19"	80°20'16.44"
R"174"	DBN-174 (09/21)	871,205	1,156,243	27°30'46.91"	80°20'11.65"
INFO SIGN	SIGN (09/21)	870,513	1,159,032	27°31'14.56"	80°20'19.17"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V0125EP-XXX-XXXX
Dataset: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-NAVIG.DGN
21-235-CONTOUR.DGN
21-235-NAVSUN_SL.DGN
IWW-C-NGMCCF.DGN
21-235-DeSHORE_SL.DGN
Reference files:
21-235-VH306_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 108+00 THRU STA. 141+00 CUT SL-1

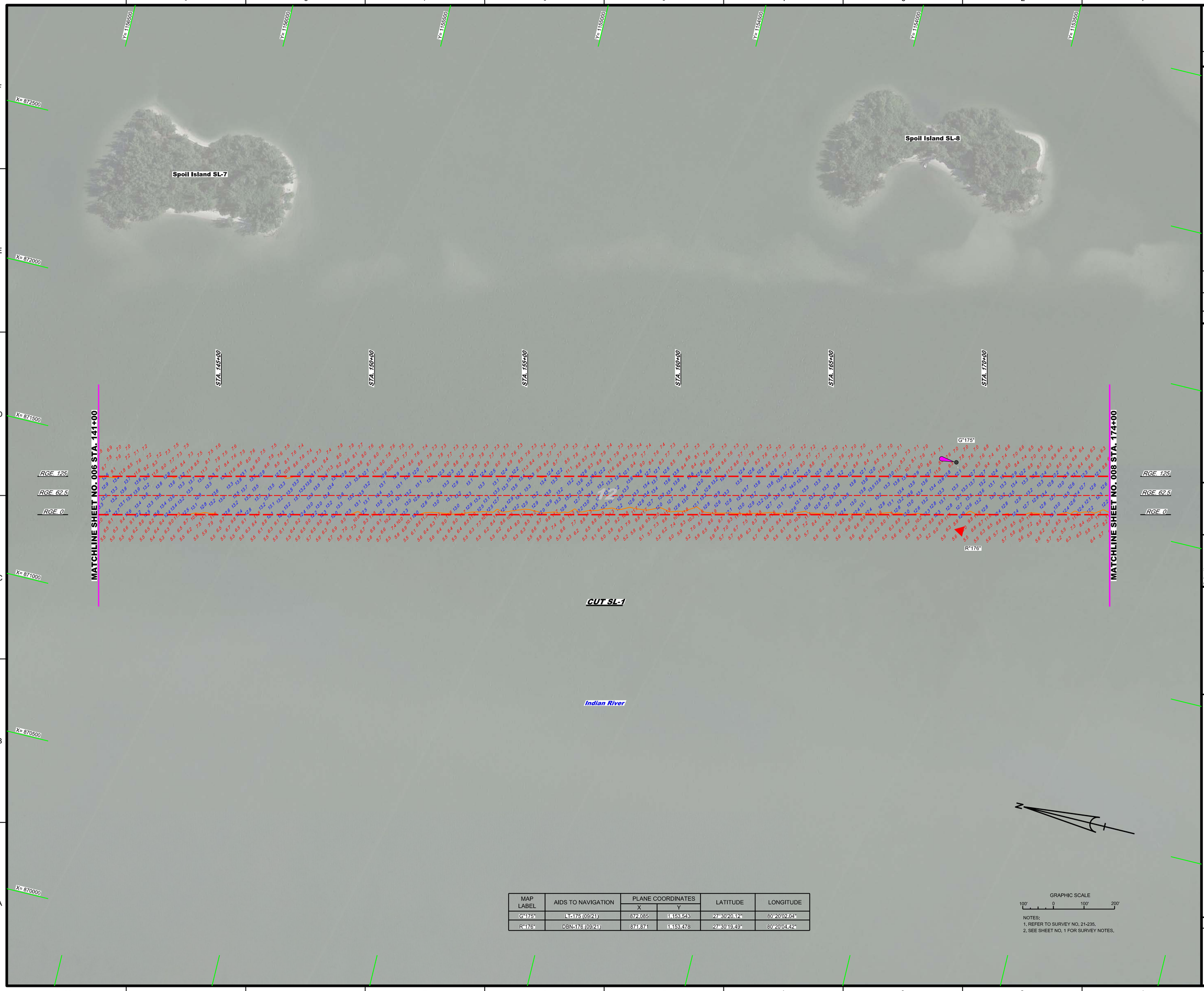
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"175"	LT-175 (09/21)	872,085	1,153,543	27°30'20.12"	80°20'02.04"
R"176"	DBN-176 (09/21)	871,871	1,153,478	27°30'19.49"	80°20'04.42"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chd by: GMR
Rev. No. V0912EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-NAVIG.DGN
21-235-SHORELINE.DGN
21-235-NAVSUN_SL1.DGN
IWW-C-NGMCCF.DGN
21-235-CeESHRDR_SL.DGN
Reference files:
21-235-VH-007_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 141+00 THRU STA. 174+00 CUT SL-1

PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"178"	DBN-178 (09/21)	872,533	1,150,856	27°29'53.48"	80°19'57.22"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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: GMS
Rev. No. V01FSF>XXX>XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-U-NAV-XXXXXX.DGN
21-235-U-NAV-XXXXXX.DGN
21-235-U-SOUN_SL.DGN
IWW-C-NGMCCF.DGN
21-235-U-ESHBDR_SL.DGN
Reference files:
21-235-U-H-036_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 174+00 THRU STA. 207+00 CUT SL-1

PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"179"	DBN-179 (09/21)	873,480	1,147,832	27°29'23.49"	80°19'46.89"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: GMR
Designed by: VRM
DWN by: VRM
Rev. No. V01FSF>XXX-XXXX
Dated: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-NAVIGATION
21-235-NAVIGATION
21-235-NAVSOUN_SL.DGN
IWW-C-NGMCCF.DGN
21-235-C-ESHBRDR_SL.DGN
Reference files:
21-235-VH-009_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 207+00 THRU STA. 240+00 CUT SL-1

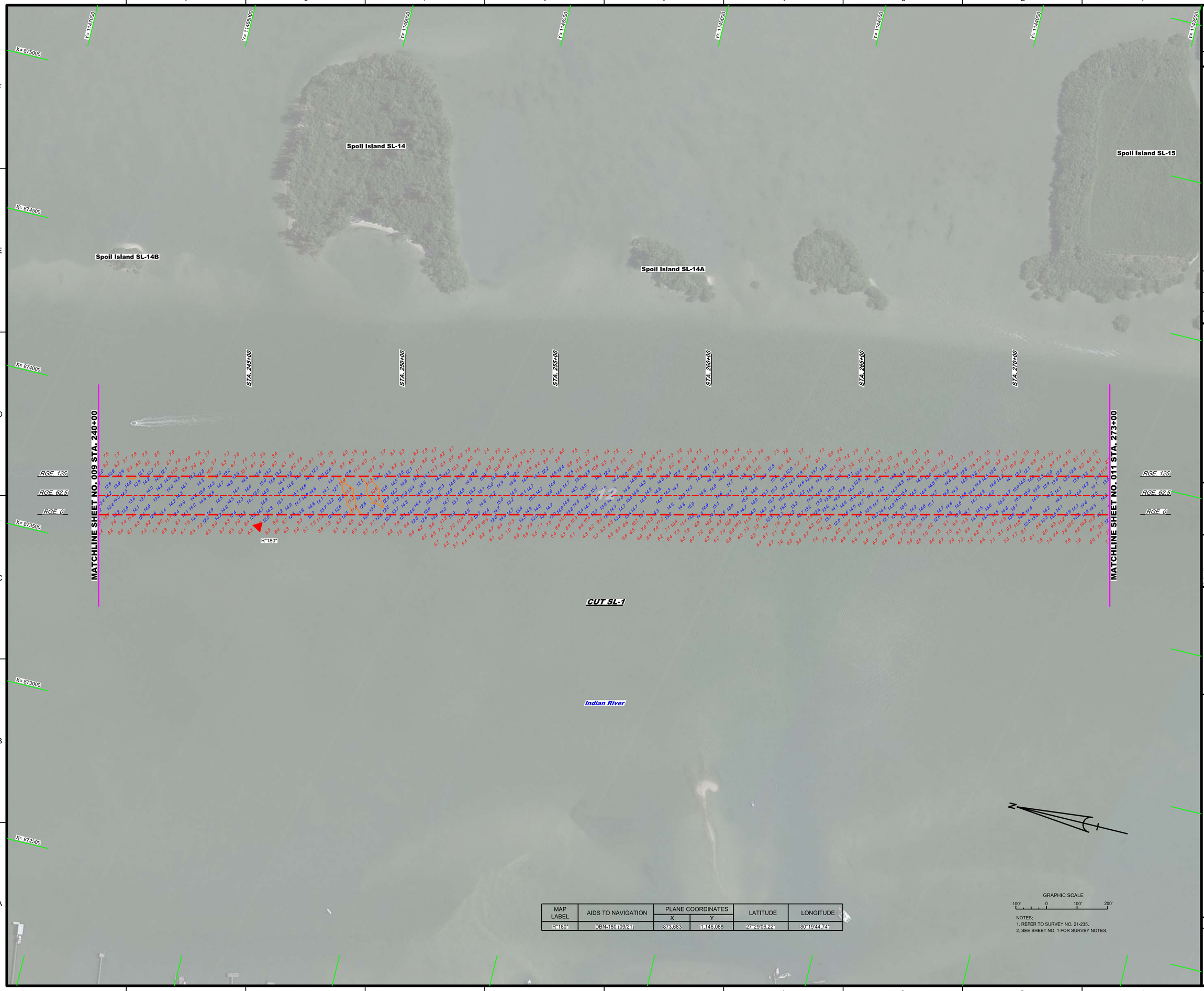
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"180"	DBN-180 (09/21)	873,683	1,146,088	27°29'06.22"	80°19'44.74"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chd by: GMR
Rev. No. V0912EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-NAVI.DGN
21-235-CONTOUR.DGN
21-235-NAVSOUN_SL1.DGN
IWW-C-NGMCCF.DGN
21-235-CHESHDR_SL.DGN
Reference files:
21-235-VH010_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 240+00 THRU STA. 273+00 CUT SL-1

PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"181"	DBN-181 (09/21)	874,596	1,143,190	27°28'37.46"	80°19'34.78"
R"182"	LT-182 (09/21)	874,505	1,142,651	27°28'32.13"	80°19'35.82"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.: W912EP-XX-X-XXXX
Date: SEP 2021

21-235-XX-X-XXXX-XX.DGN
XXXXXXXXX-XXXXXXXX.DGN
21-235-NAVIG.DGN
21-235-MCONTQ.DGN
21-235-MSOUN_SL1.DGN
21-235-MSOUN_SL2.DGN
NWW-CNGMCCF.DGN
21-235-HSBRDR_SL.DGN
Reference files:
21-235-VH011_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 273+00 CUT SL-1 THRU STA. 28+00 CUT SL-2

PLAN

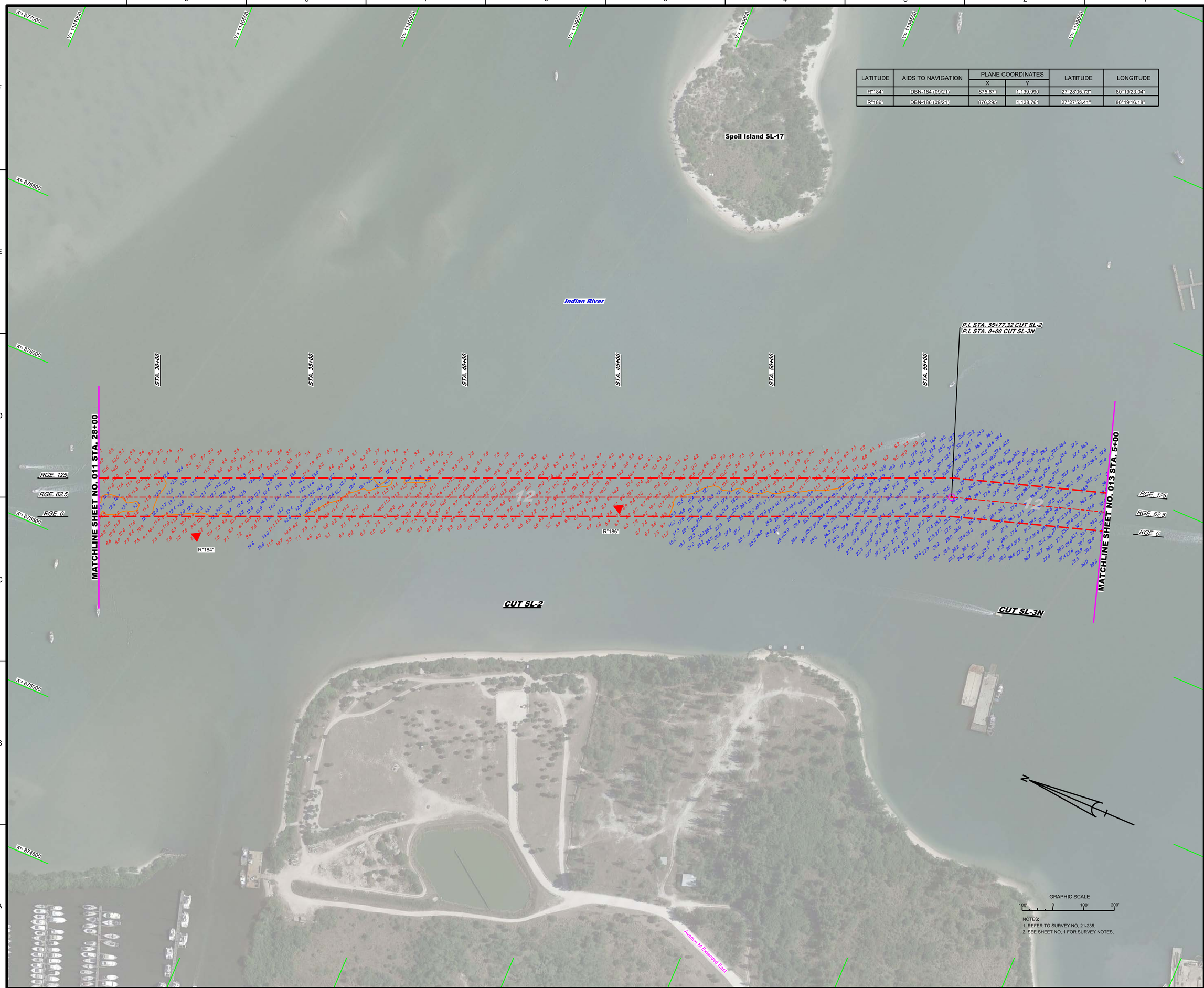
Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 37

LATITUDE	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"184"	DBN-184 (09/21)	875,671	1,139,990	27°28'05.73"	80°19'23.04"
R"186"	DBN-186 (09/21)	876,295	1,138,761	27°27'53.41"	80°19'16.18"



NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Designed by: VIRM
DWN by: VIRM
Rev. No. V01125FP-XXX-X-XXXX
Date: SEP 2021
Chief by: CMR

XXX-XXX-X-X-X-XXX.DGN
XXXXXXXX-X-XXXXXXXX.DGN
21-235-H-NAV.DGN
21-235-M-CONT2.DGN
21-235-M-CONT3.DGN
21-235-M-SOUN_SL17.DGN
21-235-M-SOUN_SL3N.DGN
IWW-C-NGMCCF.DGN
21-235-C-ESHBDR_SL.DGN
Reference files:
21-235-VH012_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 273+00 CUT SL-1 THRU STA. 28+00 CUT SL-2

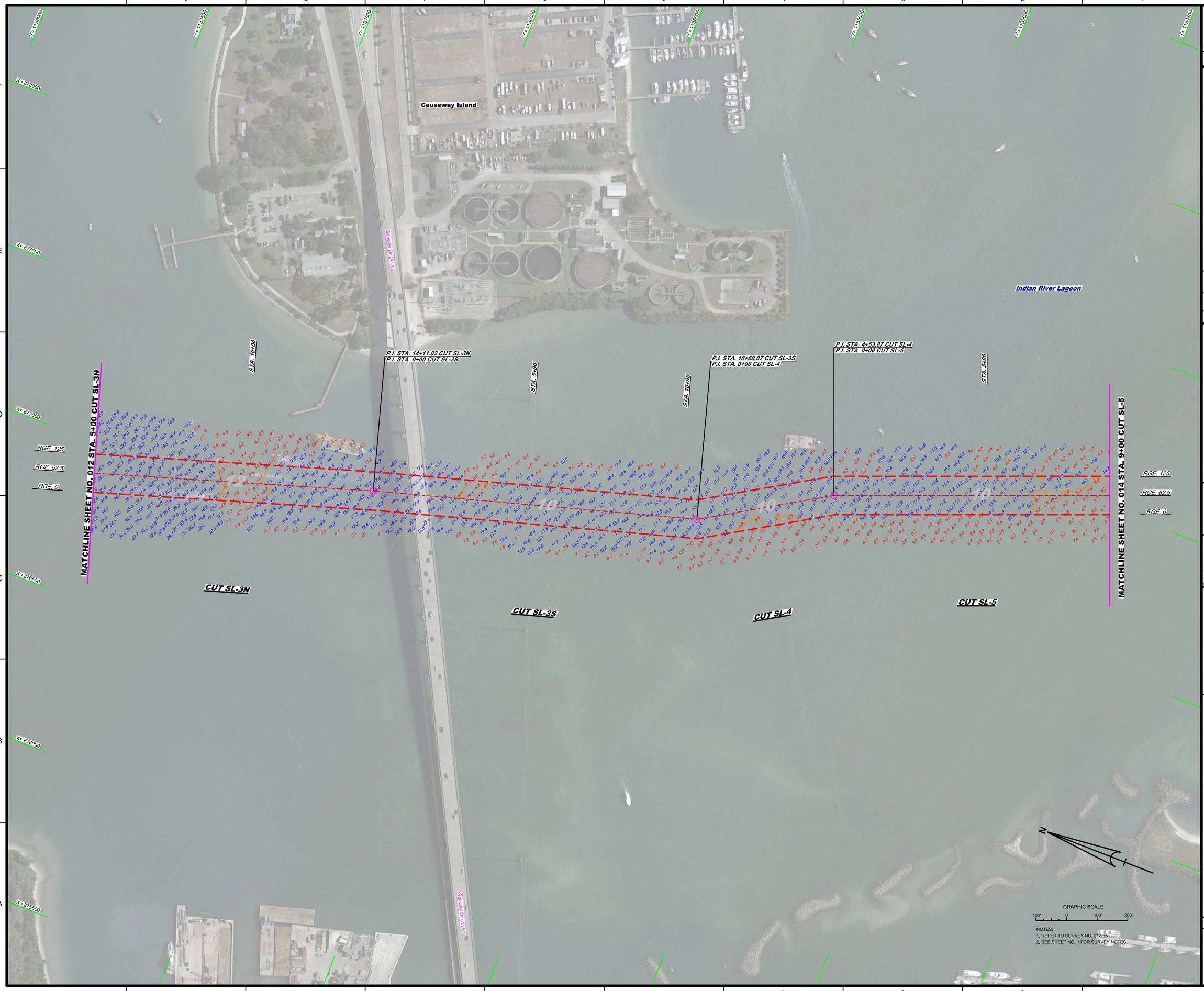
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 37



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: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No. V01/2EP-XX-X-XXXX
Date: SEP 2021

21-235-VI-CONTOUR.DGN
21-235-VI-CONTOUR.DGN
21-235-VI-SOUN_SL3N.DGN
21-235-VI-SOUN_SL3S.DGN
21-235-VI-SOUN_SL4.DGN
21-235-VI-SOUN_SL5.DGN
IWW-CNG/MCCF.DGN
21-235-HS-BRDR_SL.DGN
Reference files:
21-235-VH-013_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 5+00 CUT SL-3N THRU STA. 9+00 CUT SL-5

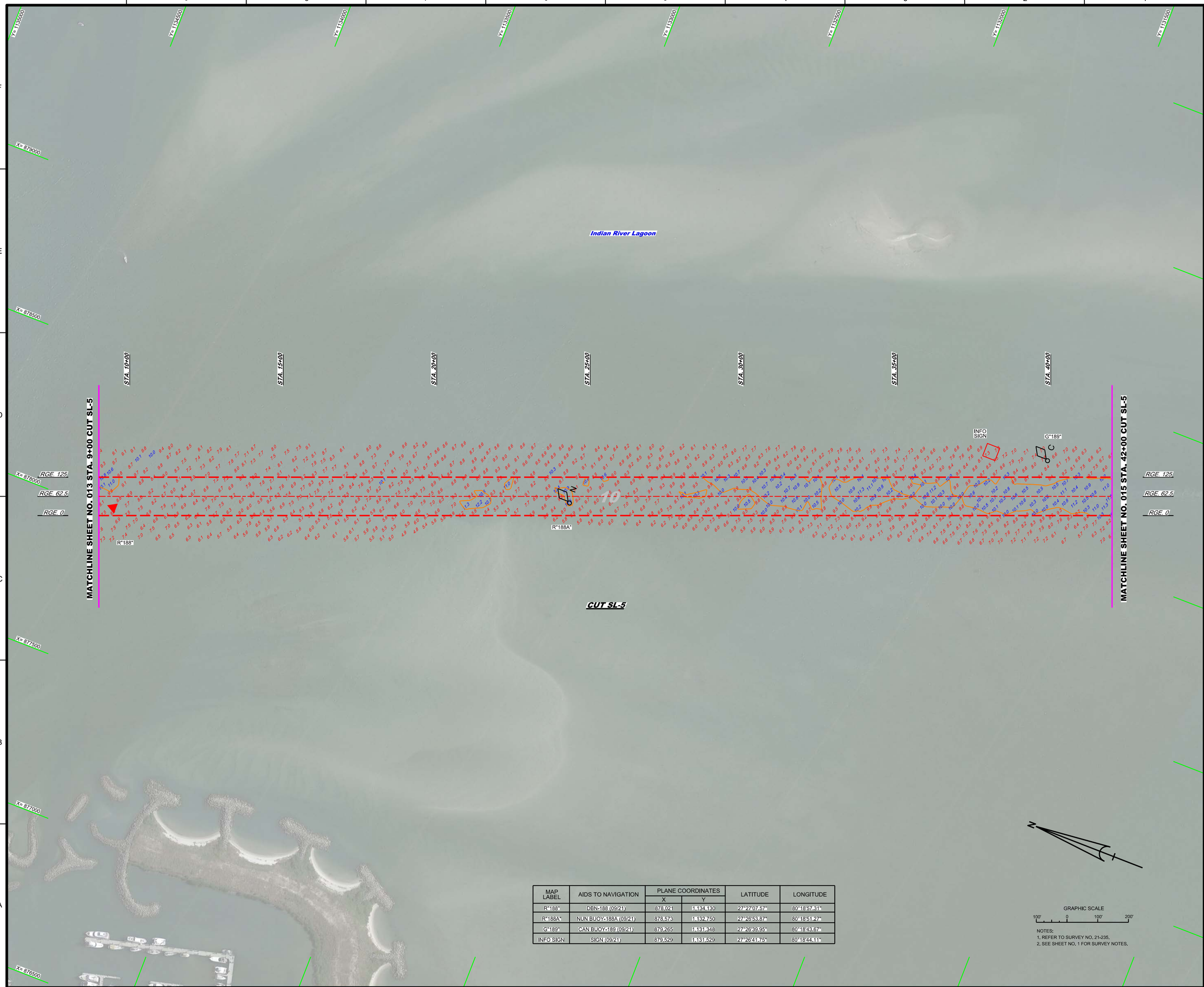
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"188"	DBN-188 (09/21)	878,021	1,134,130	27°27'07.57"	80°18'57.31"
R"188A"	NUN BUOY-188A (09/21)	878,573	1,132,750	27°26'53.87"	80°18'51.27"
G"189"	CAN BUOY-189 (09/21)	879,265	1,131,348	27°26'39.95"	80°18'43.67"
INFO SIGN	SIGN (09/21)	879,529	1,131,529	27°26'41.75"	80°18'44.11"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V1912SE>XXX>XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-MAIN.DGN
21-235-LV-SOUN_SL5.DGN
IWW-C-NGWCCF.DGN
21-235-Ov-ESHPIDR_SL.DGN
Reference files:
21-235-VH01_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 9+00 THRU STA. 42+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"190"	DBN-190 (09/21)	880,008	1,128,934	27°26'16.01"	80°18'35.57"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V0125ER>XXX>XXXXX
Date: SEP 2021

XXXX

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"191"	DBN-191 (09/21)	881,024	1,126,775	27°25'54.58"	80°18'24.43"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CJRC
Designed by: VIRM
DWN by: VIRM
Rev. No. V0125EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-SURV.DGN
21-235-LV-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ES-BRDR_SL.DGN
Reference files:
21-235-LV-H316_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 75+00 THRU STA. 108+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"192"	LT-192 (09/21)	881,931	1,123,952	27°25'26.57"	80°18'14.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chk'd by: GMR
Rev. No. V0125EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-SURV.DGN
21-235-LV-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ESHDR_SL.DGN
Reference files:
21-235-LV-H017_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 108+00 THRU STA. 141+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 16 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"193"	CAN BUOY-193 (09/21)	883,004	1,121,610	27°25'03.32"	80°18'02.78"
R"194"	DBN-194 (09/21)	883,860	1,119,095	27°24'38.37"	80°17'53.44"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01FSF>XX>X>XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-U-CON10.DGN
21-235-U-XXXXX.DGN
21-235-U-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-U-ESHBDR_SL.DGN
Reference files:
21-235-UVH018_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 141+00 THRU STA. 174+00 CUT SL-5

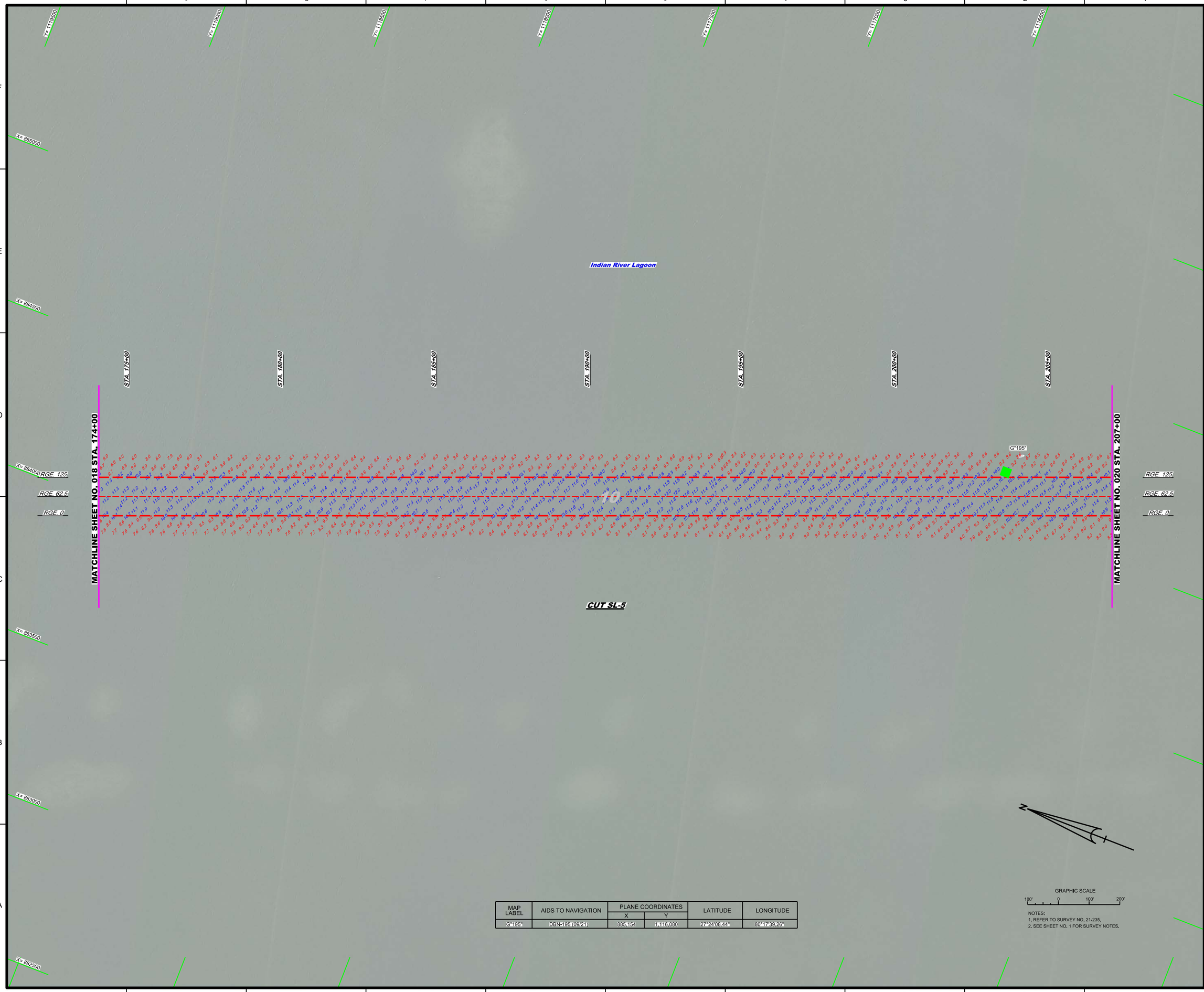
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"195"	DBN-195 (09/21)	885,154	1,116,080	27°24'08.44"	80°17'39.26"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V0125EP-XX-X-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
21-235-U-CONTZ.DGN
21-235-U-XXXX.DGN
21-235-U-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-U-ESHBRDR_SL.DGN
Reference files:
21-235-UVH019_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 174+00 THRU STA. 207+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"196"	DBN-196 (09/21)	885,764	1,113,959	27°23'47.40"	80°17'32.64"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chk'd by: GMR
Proj. No. V01125E7-XXX-XXXX
Date: SEP 2021

Reference files:
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-XXXXXX.DGN
21-235-N-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-C-ESHBDR_SL.DGN

File name: 21-235-VH-020_SL.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 207+00 THRU STA. 240+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

20

SHEET 20 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"197"	LT-197 (09/21)	886,949	1,111,629	27°23'24.26"	80°17'19.64"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Proj. No. V0123EP-XXX-XXXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-SOUN.DGN
21-235-LV-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ESHBDR_SL.DGN
Reference files:
21-235-LV-H021_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 240+00 THRU STA. 273+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

21

SHEET 21 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"198"	DBN-198 (09/21)	887,704	1,108,975	27°22'57.94"	80°17'11.43"
G"199"	DBN-199 (09/21)	888,819	1,106,531	27°22'33.67"	80°16'59.22"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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. V0912EP-XXX-XXXXX
Dataset: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-U-CON10.DGN
21-235-U-VIRM.DGN
21-235-U-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-U-ESHBRDR_SL.DGN
Reference files:
21-235-VH-022_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

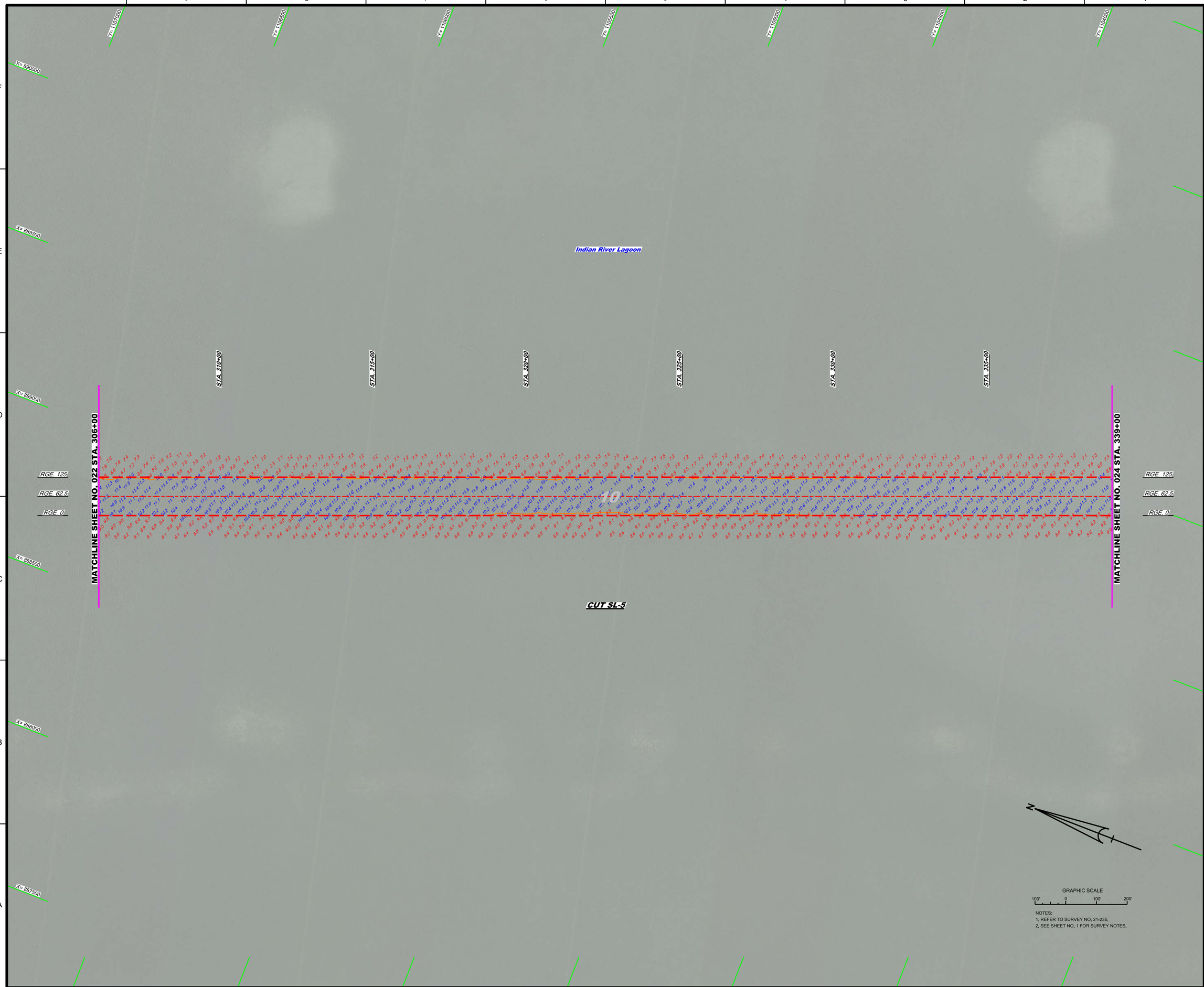
HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 273+00 THRU STA. 306+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.
22

SHEET 22 OF 37



NOTES:
1. REFER TO SURVEY NO. 21-235.
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 by: GMR
Rev. No. V0125EP-XXX-XXXXX
Date: SEP 2021

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
21-235-CONTROL.DGN
21-235-VASCUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-Ov-ESHBDR_SL.DGN
Reference files:
21-235-VH-023_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 306+00 THRU STA. 339+00 CUT SL-5

PLAN

Scale: AS SHOWN

Drawing no.

23

SHEET 23 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"201"	DBN-201 (08/21)	898,801	1,101,544	27°21'44.18"	80°16'37.55"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chk'd by: GMR
Rev. No. V01125EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-V-CON10.DGN
21-235-V-XXXX.DGN
21-235-V-SOUN_SL5.DGN
IWW-C-NGMCCF.DGN
21-235-V-ES-BRDR_SL.DGN
Reference files:
21-235-V-H-02N_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 339+00 THRU STA. 372+00 CUT SL-5

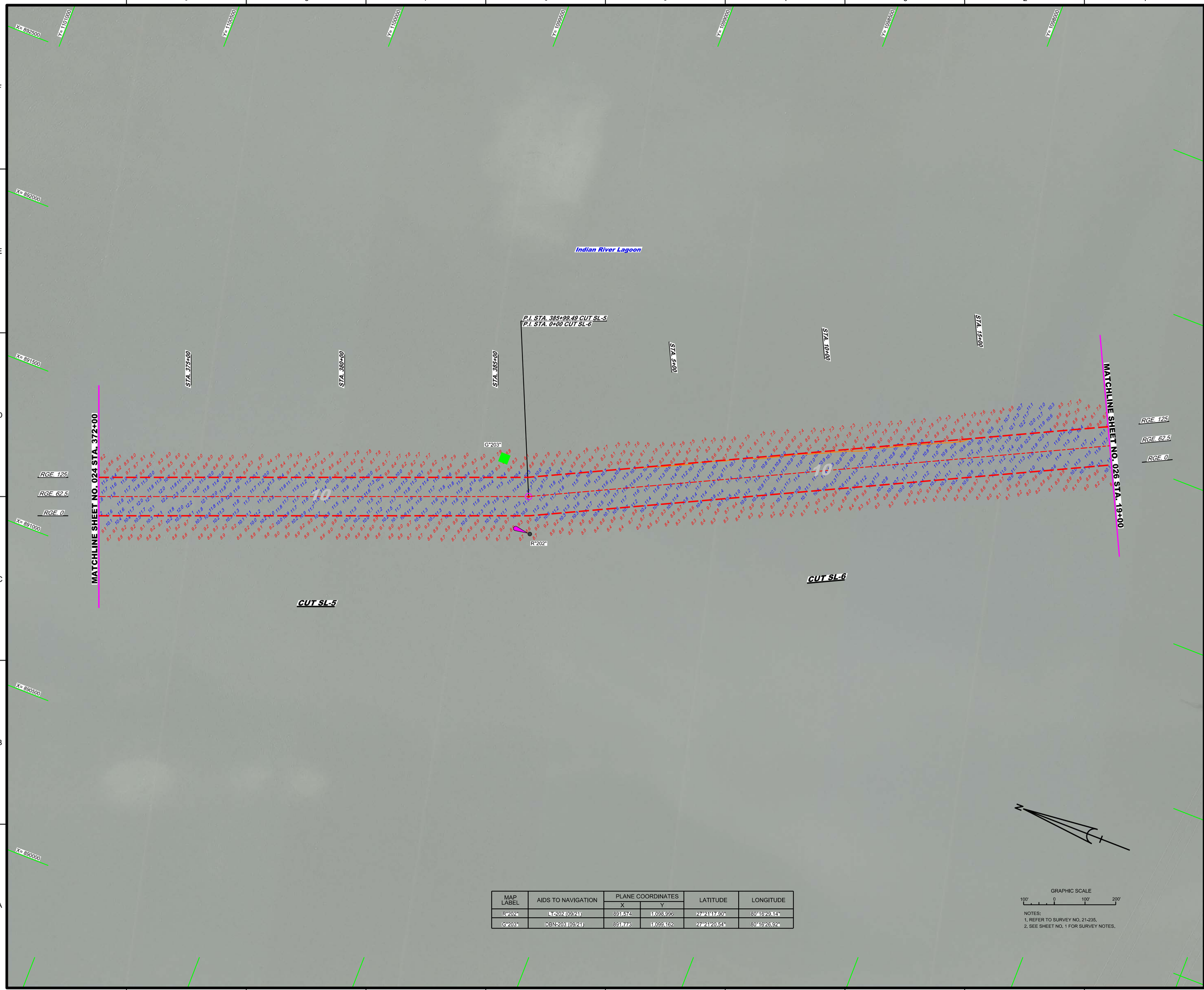
PLAN

Scale: AS SHOWN

Drawing no.

24

SHEET 24 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"202"	LT-202 (09/21)	891,574	1,098,996	27°21'17.90"	80°16'29.14"
G"203"	DBN-203 (09/21)	891,773	1,099,162	27°21'20.54"	80°16'26.92"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Ckd by: GMR
Inv. No. W912EP-XX-XX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
21-235-VI-CON10.DGN
21-235-VI-NAV.DGN
21-235-VI-SOUN_SL.DGN
21-235-VI-SOUN_SL.DGN
0WW-C-NGMCCF.DGN
21-235-C-BS-BRDR_SL.DGN
Reference files:

21-235-VI-H-025_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 372+00 STA. SL-5 THRU STA. 19+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

25

SHEET 25 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"205"	DBN-205 (09/21)	892,995	1,096,635	27°20'55.45"	80°16'13.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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 by: CMR
Rev. No. V01125R-XXX-XXXX
Dataset: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-MAP10.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ESHBDR_SL.DGN
Reference files:
21-235-VH-026_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 19+00 THRU STA. 52+00 CUT SL-6

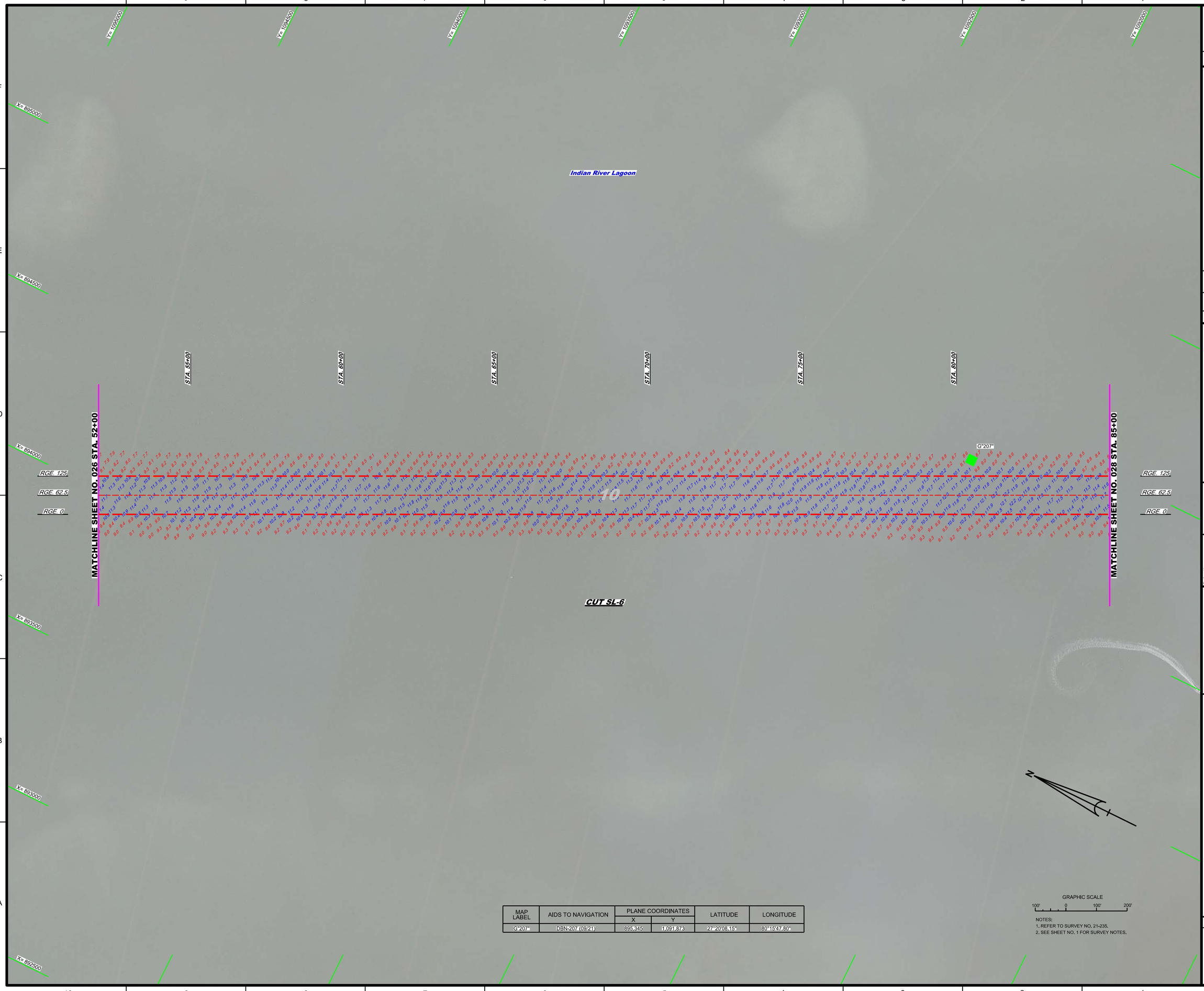
PLAN

Scale: AS SHOWN

Drawing no.

26

SHEET 26 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"207"	DBN-207 (09/21)	895,345'	1,091,873'	27°20'08.15"	80°15'47.80"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chd by: GMR
Rev. No. V0912EP-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-XXXX.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-Ov-ESHBDR_SL.DGN
Reference files:
21-235-VH-027_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 52+00 THRU STA. 85+00 CUT SL-6

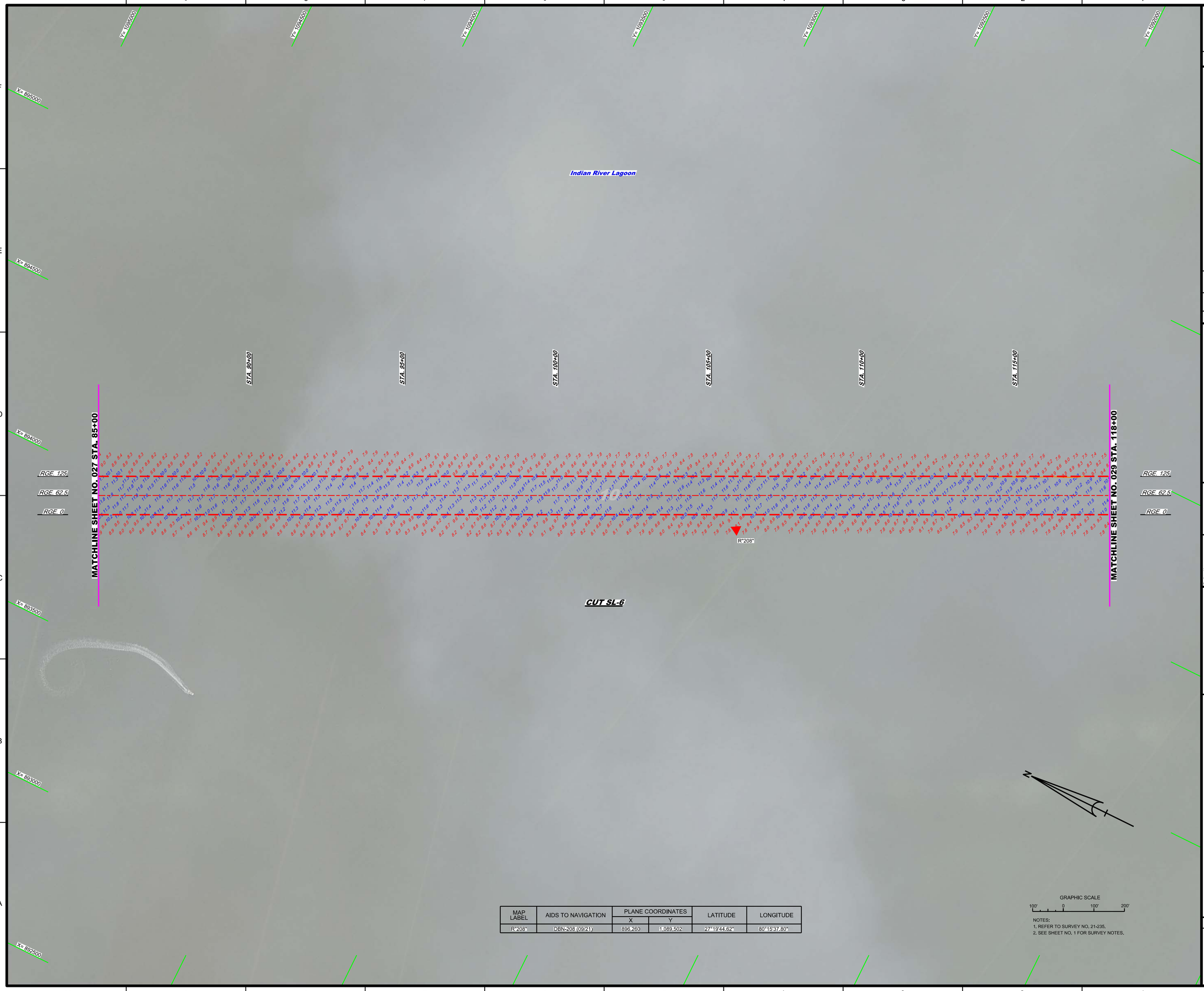
PLAN

Scale: AS SHOWN

Drawing no.

27

SHEET 27 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"208"	DBN-208 (09/21)	896,260	1,089,502	27°19'44.62"	80°15'37.80"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Chk'd by: GMR
Rev. No. V0125ER-XXX-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-XXXX.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ESHDR_SL.DGN
Reference files:
21-235-LV-H028_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 85+00 THRU STA. 118+00 CUT SL-6

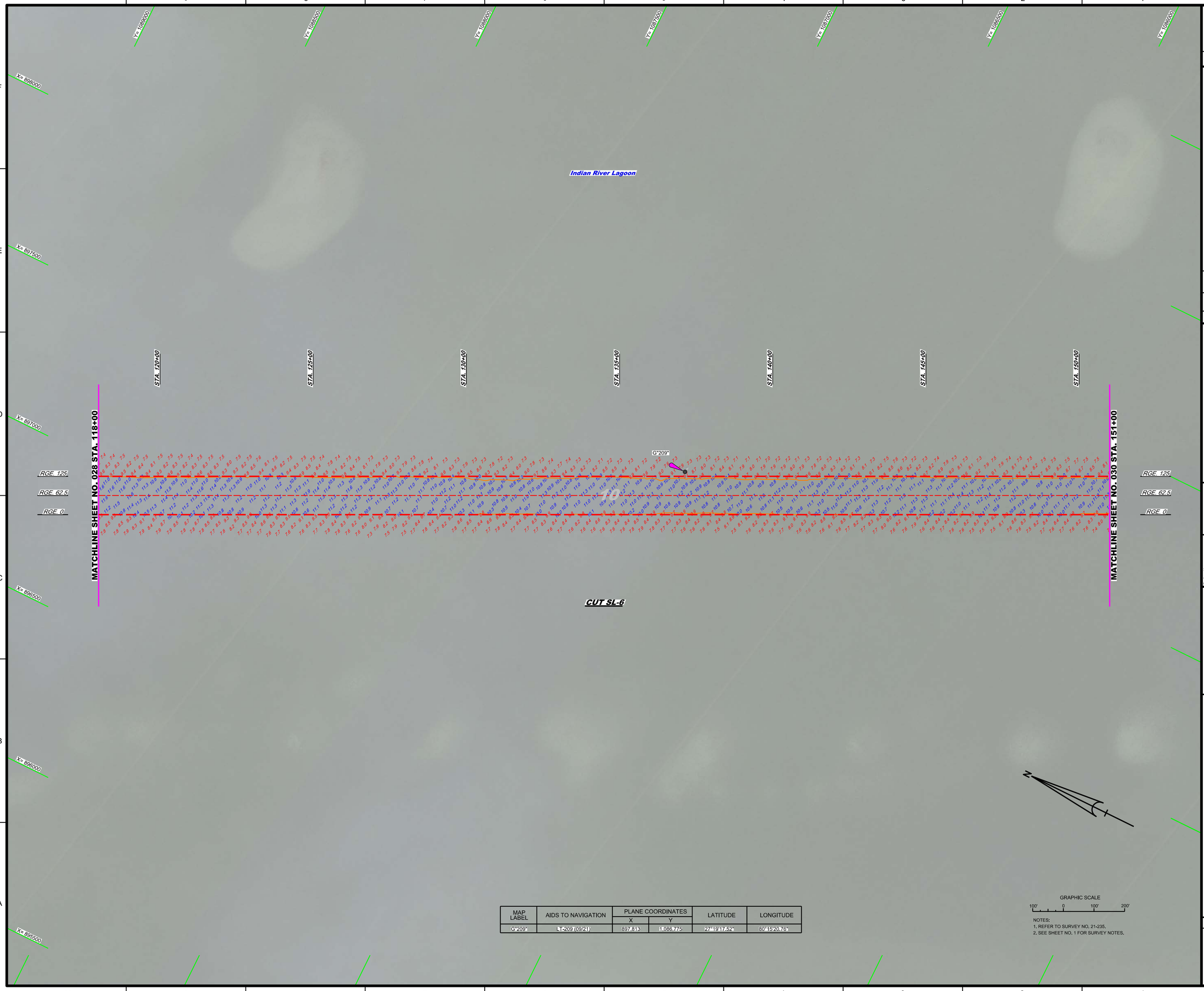
PLAN

Scale: AS SHOWN

Drawing no.

28

SHEET 28 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"209"	LT-209 (09/21)	897,813	1,086,775	27°19'17.52"	80°15'20.76"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CJRC
Designed by: VIRM
DWN by: VIRM
Rev. No. V01FSF>XXX>XXXX
Date: SEP 2021

X:\XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-SURV.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-LV-ESHBRDR_SL.DGN
Reference files:
21-235-LV-H029_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 118+00 THRU STA. 151+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

29

SHEET 29 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"210"	DBN-210 (09/21)	898,881	1,084,245	27°18'52.40"	80°15'09.10"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: CMR
Designed by: VRM
DWN by: VRM
Rev. No. V01FSF>XXX>XXXX
Dataset: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-MAIN.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-C-ESHBDR_SL.DGN
Reference files:
21-235-LV-H030_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 151+00 THRU STA. 184+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

30

SHEET 30 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"211"	DBN-211 (09/21)	900,290	1,081,813	27°18'28.24"	80°14'53.64"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

Chief by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01125F>>XX>>XXXX
Date: SEP 2021

XX>>XX>>XX>>XX.DGN
XXXXXXXXX>>XXXXXXXX.DGN
XXXXXXXXX>>XXXXXXXX.DGN
21-235>>CONTROL.DGN
21-235>>XXXXXX.DGN
21-235>>SOUN_SL6.DGN
IWW>>CNGMCCF.DGN
21-235>>DEBRDR_SL.DGN
Reference files:
21-235>>VH031_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 184+00 THRU STA. 217+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

31

SHEET 31 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"212"	DBN-212 (09/21)	901,502	1,079,010	27°18'00.41"	80°14'40.39"
G"213"	DBN-213 (09/21)	902,787	1,076,769	27°17'38.15"	80°14'26.30"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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
Rev. No. V0912EP-XX-X-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-235-LA-CON10.DGN
21-235-LA-SUR1.DGN
21-235-LA-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-C-ESHBRDR_SL.DGN
Reference files:
21-235-VH-032_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT
STA. 217+00 THRU STA. 250+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.
32

SHEET 32 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"214"	LT-214 (09/21)	903,754	1,074,311	27°17'13.75"	80°14'15.78"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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: CMR
Rev. No. W912EP-XX-X-XXXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235-LV-CON110.DGN
21-235-LV-ALIGN.DGN
21-235-LV-SOUN_SL6.DGN
IWW-CNG/MCCF.DGN
21-235-LV-ESHDR_SL6.DGN
Reference files:
21-235-LV-H-033_SL6.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 250+00 THRU STA. 283+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

33

SHEET 33 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"215"	DBN-215 (09/21)	905,118	1,072,010	27°16'50.88"	80°14'00.78"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-235.
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

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

XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
21-235-M-CON110.DGN
21-235-M-SUN_SL.DGN
21-235-M-SOUN_SL.DGN
NWW-CNG/MCCF.DGN
21-235-D-ESHRDR_SL.DGN
Reference files:
21-235-VH-034_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 283+00 THRU STA. 316+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

34

SHEET 34 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"216"	DBN-216 (09/21)	906,184	1,069,433	27°16'25.30"	80°13'49.14"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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: MRM
DWN by: MRM
Ckd by: GMR
Proj. No. V912EP-XX-XX-XXX
Date: SEP 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-235A-CON10.DGN
21-235A-AVG.DGN
21-235-A-SOUN_SL6.DGN
IWW-C-CNGMCF.DGN
21-235-C-BR-BRDR_SL.DGN
Reference files
21-235-VH-035_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 316+00 THRU STA. 349+00 CUT SL-6

PLAN

Scale: AS SHOWN

Drawing no.

35

SHEET 35 OF 37

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"217"	DBN-217 (09/21)	907,516	1,067,111	27°16'02.22"	80°13'34.54"
INFO SIGN	SIGN (09/21)	907,676	1,066,834	27°15'59.47"	80°13'32.78"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 21-235.
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 by: CMR
Rev. No. V9123EP-XX-X-XXXX
Date: SEP 2021

Reference files:
XXXXXXXXX-X-XXXXX.DGN
XXXXXXXXX-X-XXXXX.DGN
XXXXXXXXX-X-XXXXX.DGN
21-235-U-CONTOUR.DGN
21-235-U-ALL.DGN
21-235-U-SOUN_SL6.DGN
IWW-CNG/MCCF.DGN
21-235-U-ESHDR_SL.DGN
File name: 21-235-U-H-035_SL.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 349+00 THRU STA. 382+00 CUT SL-6

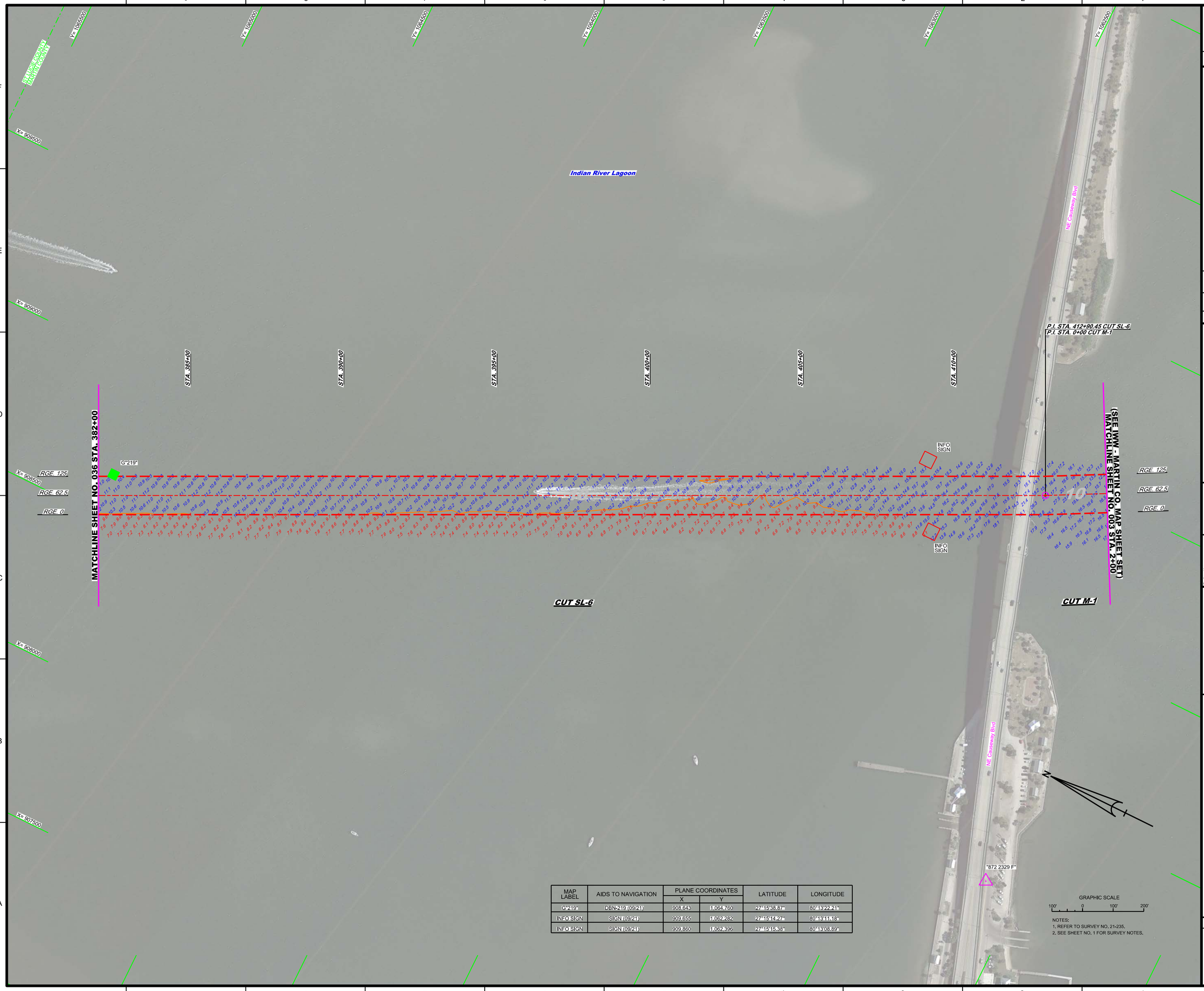
PLAN

Scale: AS SHOWN

Drawing no.

36

SHEET 36 OF 37



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"219"	DBN-219 (09/21)	908,643	1,064,760	27°15'38.87"	80°13'22.21"
INFO SIGN	SIGN (09/21)	909,655	1,062,282	27°15'14.27"	80°13'11.18"
INFO SIGN	SIGN (09/21)	909,860	1,062,396	27°15'15.38"	80°13'08.89"

NOTES:
1. REFER TO SURVEY NO. 21-235.
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. V0125EP-XX-X-XXXX
Dated: SEP 2021

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
21-235-LV-CON10.DGN
21-235-LV-XXXX.DGN
21-235-LV-SOUN_SL6.DGN
IWW-C-NGMCCF.DGN
21-235-Ce-Sl-6RDR_SL.DGN
Reference files:
21-235-VH037_SL.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
10 AND 12-FOOT PROJECT

STA. 382+00 CUT SL-6 THRU STA. 2+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

37

SHEET 37 OF 37