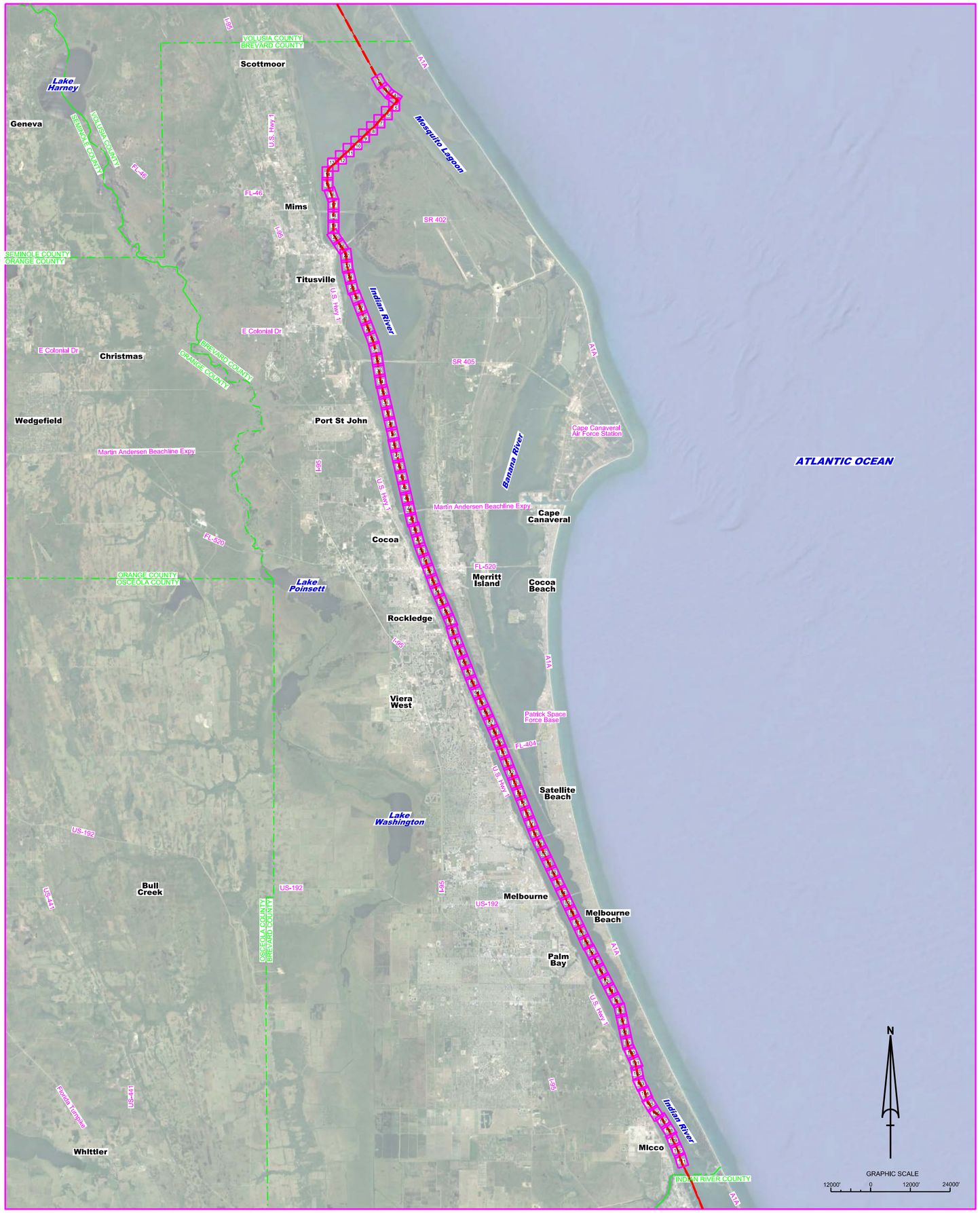
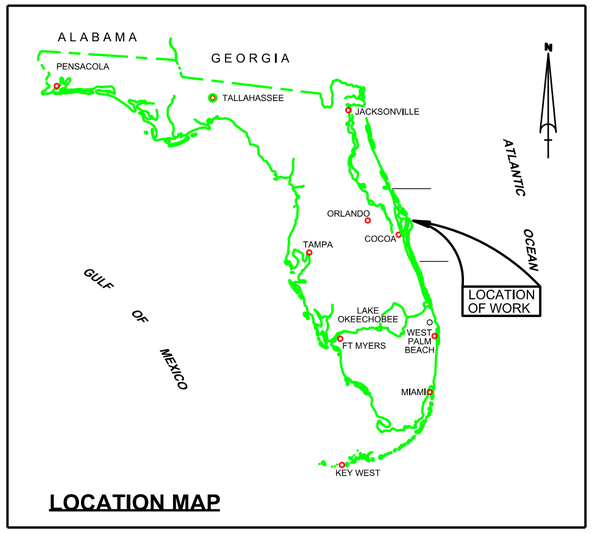




IWW - JACKSONVILLE TO MIAMI
CUTS BV-1 THRU BV-37
BREVARD COUNTY, FL
HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 21-265.
2. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MSL UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "VOLUSIA-BREVARD(W-O_CANAVERALHBR 2016 05.06.KTD".
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
6. THIS SURVEY WAS PERFORMED USING FLORIDA PERMANENT REFERENCE NETWORK (VRS FOR REAL-TIME KINEMATIC (RTK) GPS POSITIONING).
7. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MSL. 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 SPECIFIED BELOW:

   NGS BENCHMARK "872 1843 A" (NGS PID: DM2928) USED FOR SOUTH END

   NGS BENCHMARK "10.07" (NGS PID: AK2717) USED FOR THE MIDDLE

   NGS BENCHMARK "872 1456 A TIDAL" (NGS PID: AJ5513) USED FOR NORTH END
8. 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	20 SEP 2021	CUTS BV 26-28
SB-48	22 SEP 2021	CUTS BV 28-37
SB-48	23 SEP 2021	CUTS BV 25-26
SB-48	29 SEP 2021	CUTS BV 23-25
SB-48	30 SEP 2021	CUTS BV 18-23
SB-48	01 OCT 2021	CUTS BV 14-18
SB-48	04 OCT 2021	CUTS BV 09-15
SB-48	05 OCT 2021	CUTS BV 01-09

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: VIRM
DWN by: VIRM
Ckd by: GMR
Proj. No. W912EP-XX-X-XXXX
Date: OCT 2021

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
21-265-IUNDEX_BV.DGN
IWW-C-NGMCCF.DGN
2-265A-C-BS-BRDR_BV.DGN
Reference files:
21-265-VH-001_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

INDEX, LOCATION AND VICINITY

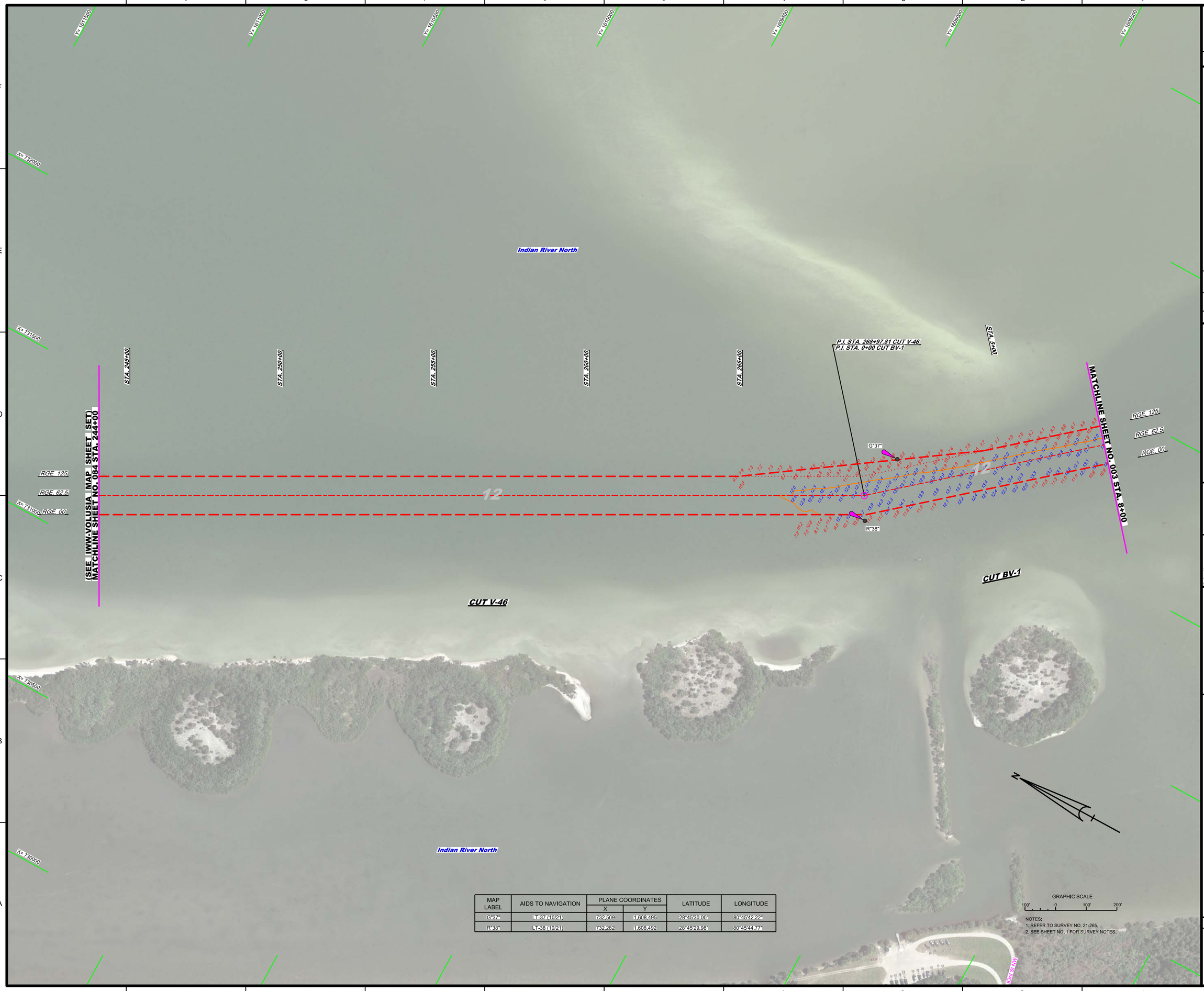
MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"37"	LT-37 (10/21)	732,509	1,608,495	28°45'30.00"	80°45'42.22"
R"38"	LT-38 (10/21)	732,282	1,608,492	28°45'29.98"	80°45'44.77"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

I:\XXXXXXXX-X-XXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
21-265-M-CONTQ.DGN
21-265-M-VOLU.DGN
21-265-M-SOUN_BV-1.DGN
IWW-CNG/MCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
File name: 21-265-VH-002_BV.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 244+00 CUT V-46 THRU STA. 8+00 CUT BV-1

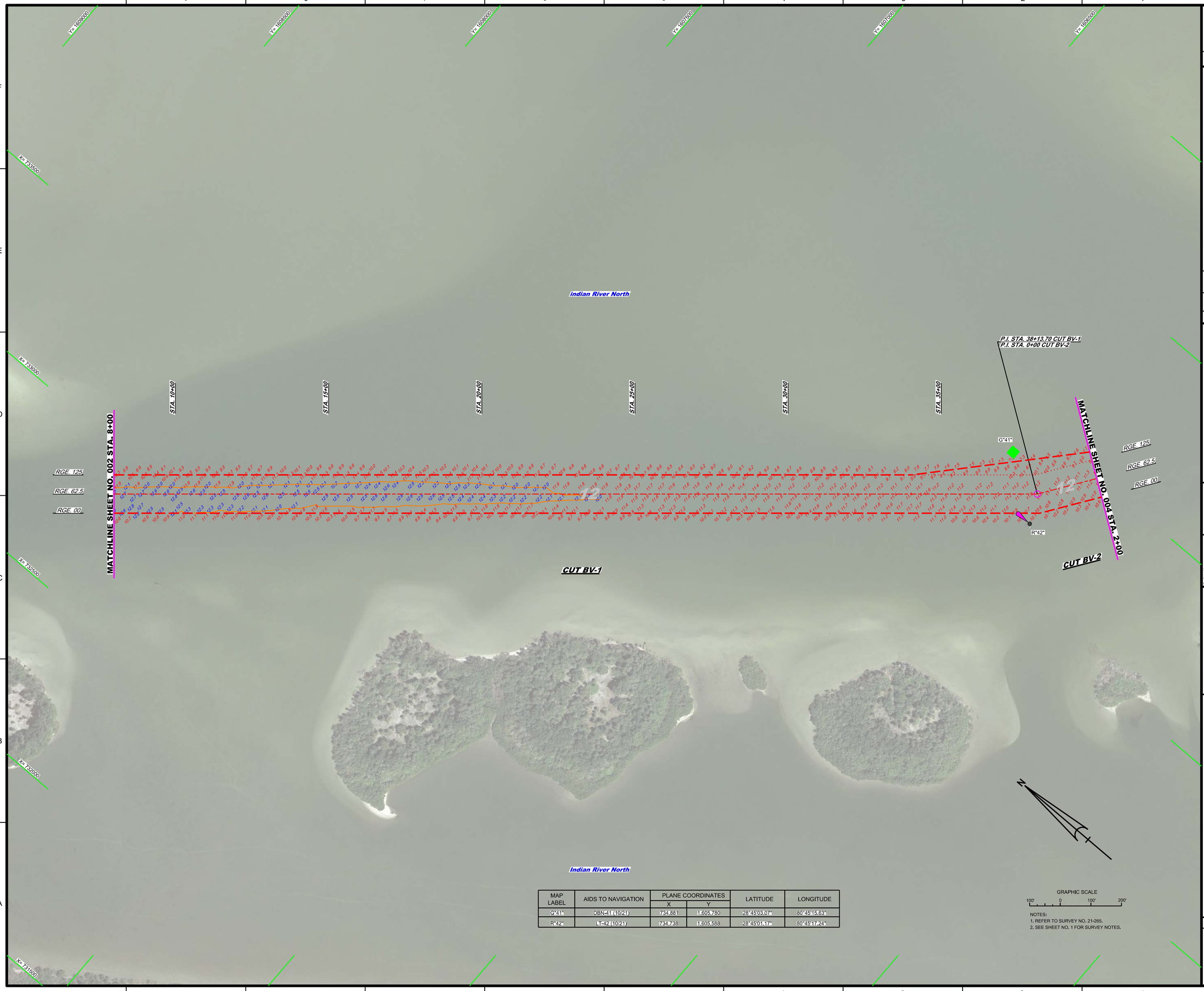
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"41"	DBN-41 (10/21)	734,881	1,605,780	28°45'03.07"	80°45'15.63"
R"42"	LT-42 (10/21)	734,738	1,605,588	28°45'01.17"	80°45'17.24"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

X:\XXXXXXXX-X-XXXXX.DGN
XXXXXXXXX-X-XXXXXXX.DGN
21-265-V-CONT0.DGN
21-265-V-NAV.DGN
21-265-V-SOUN_1.DGN
21-265-V-SOUN_BV-2.DGN
IWW-CANGMCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
21-265-VH-003_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 8+00 CUT BV-1 THRU STA. 2+00 CUT BV-2

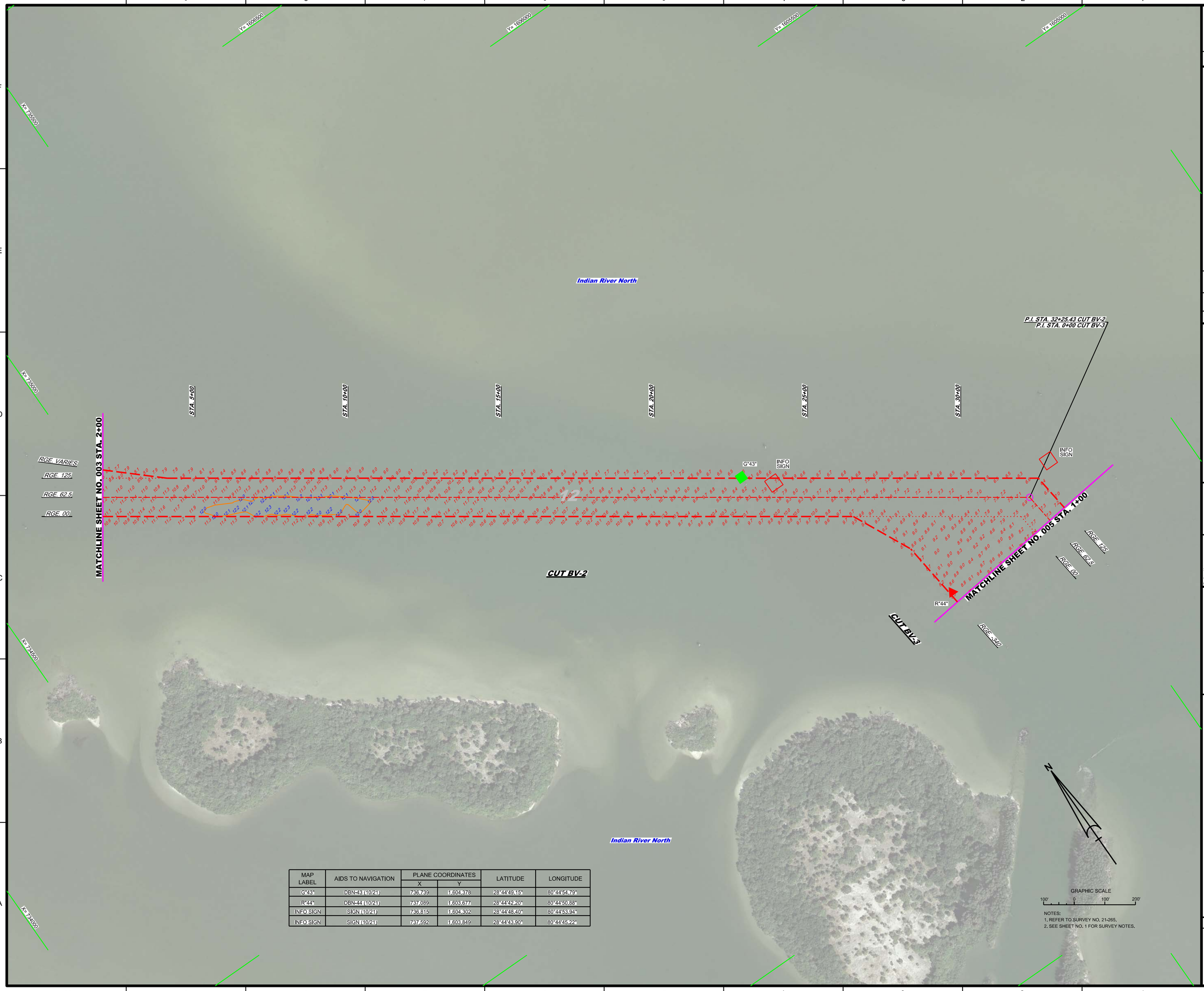
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"43"	DBN-43 (10/21)	736,739	1,604,378	28°44'49.15"	80°44'54.79"
R"44"	DBN-44 (10/21)	737,089	1,603,677	28°44'42.20"	80°44'50.88"
INFO SIGN	SIGN (10/21)	736,815	1,604,302	28°44'48.40"	80°44'53.94"
INFO SIGN	SIGN (10/21)	737,592	1,603,849	28°44'43.90"	80°44'45.22"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: GB
Proj. No.: V912EP-XX-XX-XXXX
Date: OCT 2021

X:\XXXXXXXX-XX-XX-XX\DGN
XXXXXXXX-XX-XXXXXXXX.DGN
21-265-IA-CON12.DGN
21-265A-NAV.DGN
21-265A-SOUN_BV-1.DGN
21-265A-SOUN_BV-2.DGN
IWW-C-CNGMCF.DGN
21-265A-EB-BRDR_BV.DGN
Reference files:
21-265-IHP004_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 2+00 CUT BV-2 THRU STA. 1+00 CUT BV-3

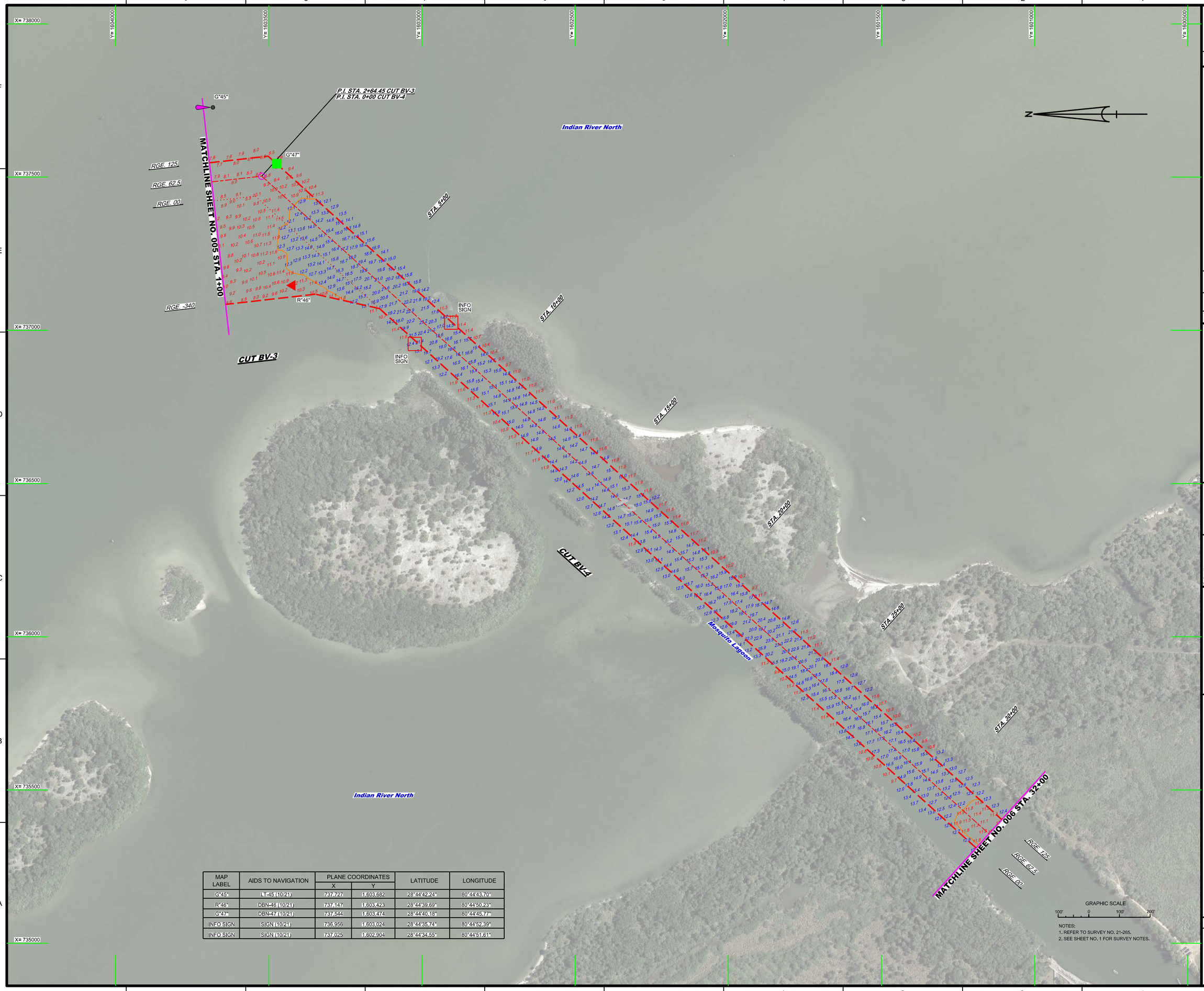
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"45"	LT-45 (10/21)	737,727	1,603,682	28°44'42.24"	80°44'43.70"
R"46"	DBN-46 (10/21)	737,147	1,603,423	28°44'39.69"	80°44'50.23"
G"47"	DBN-47 (10/21)	737,544	1,603,474	28°44'40.18"	80°44'45.77"
INFO SIGN	SIGN (10/21)	736,956	1,603,024	28°44'35.74"	80°44'52.39"
INFO SIGN	SIGN (10/21)	737,025	1,602,904	28°44'34.55"	80°44'51.61"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: GB
Proj. No. V912EP-XX-XX-XXXX
Date: OCT 2021

X:\XXXXXXXX-XXXX-XXXX.DGN
XXXXXXXX-XX-XXXX-XXXX.DGN
21-265A-VICON12.DGN
21-265A-NAV.DGN
21-265A-SOUN_BV-3.DGN
21-265A-SOUN_BV-4.DGN
IWW-C-CNGMCF.DGN
21-265A-BRDR_BV.DGN
Reference files
21-265A-HH05_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 1+00 CUT BV-3 THRU STA. 32+00 CUT BV-4

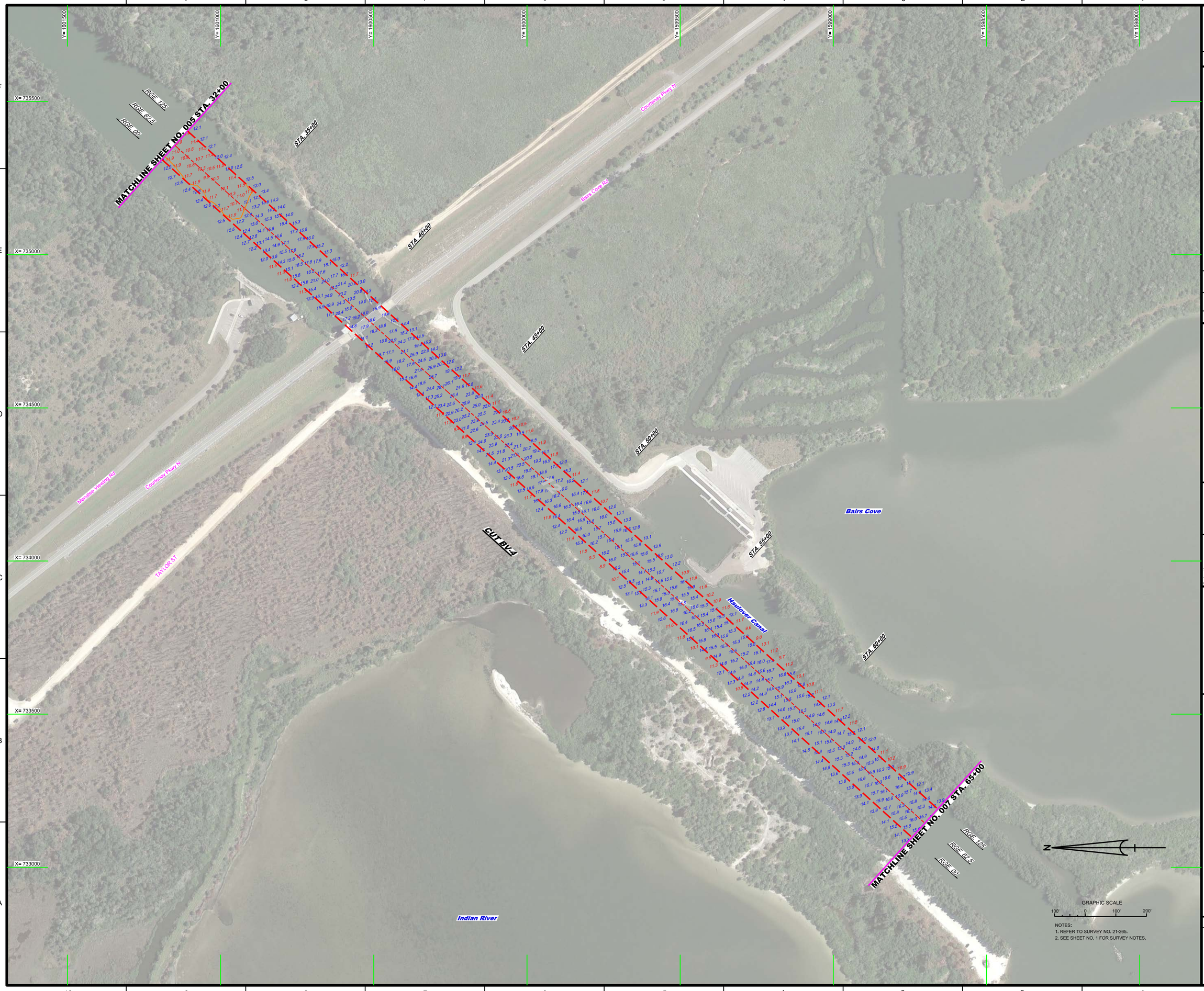
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 111



NOTES:
1. REFER TO SURVEY NO. 21-265.
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: GR
Rev. No. V01FSF-XX-X-XXXX
Date: OCT 2021

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
21-265-V-SOUN BV-4.DGN
IWW-C-NGIMCCF.DGN
21-265-C-ESHBRDR_BV.DGN
Reference files:
21-265-VH-036_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 32+00 THRU STA. 65+00 CUT BV-4

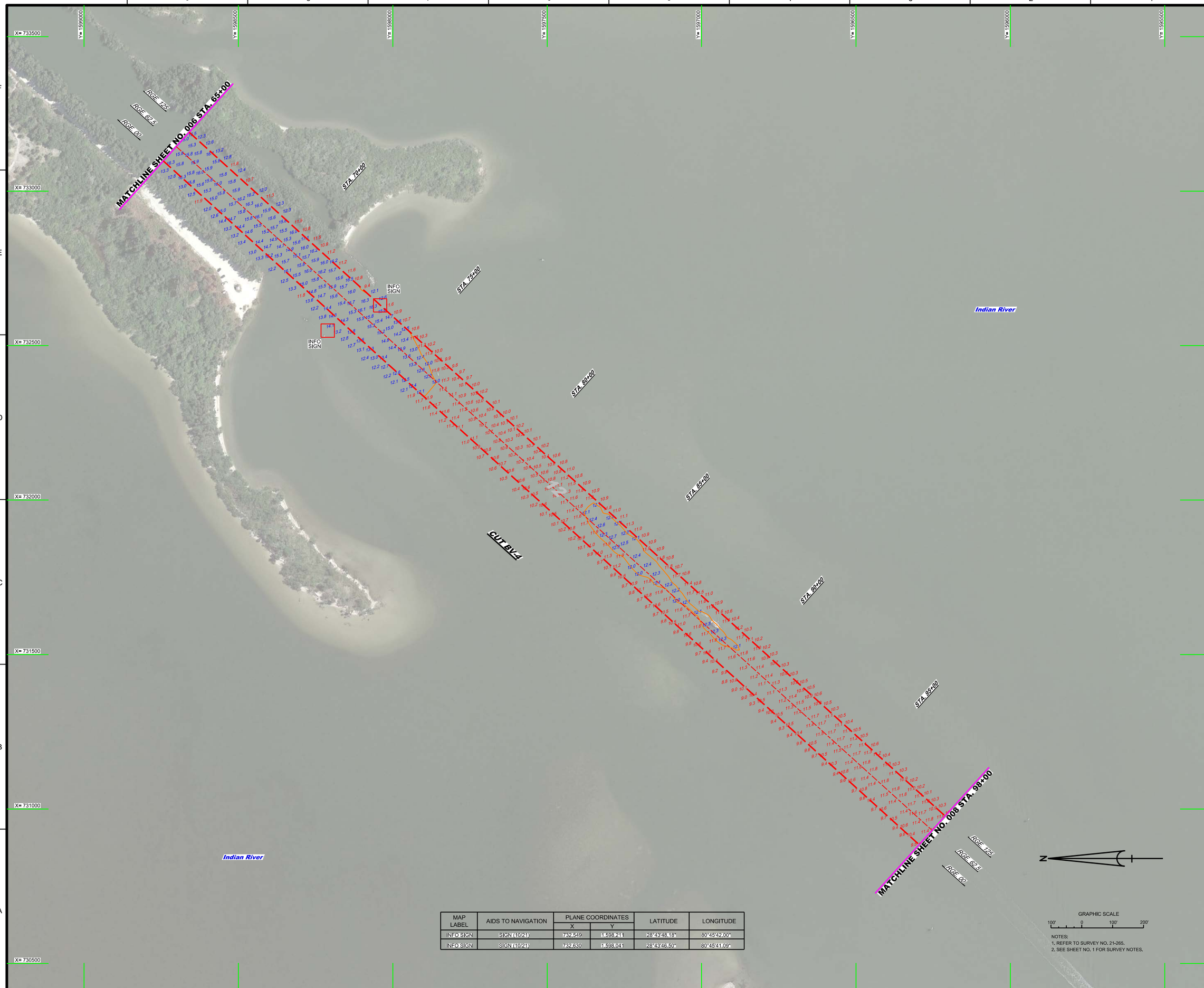
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
INFO SIGN	SIGN (10/21)	732,549	1,598,211	28°43'48.18"	80°45'42.00"
INFO SIGN	SIGN (10/21)	732,630	1,598,041	28°43'46.50"	80°45'41.09"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: GR
Rev. No. W912EP-XX-X-XXXX
Date: OCT 2021

X:\XXXXXXXX-X-XXXX-X.DGN
XXXXXXXX-X-XXXXX-X.DGN
XXXXXXXX-X-XXXXX-X.DGN
XXXXXXXX-X-XXXXX.DGN
21-265-M-CONTQ.DGN
21-265-M-VLT.DGN
21-265-M-SOUM_BV-4.DGN
NWW-CNG/MCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
21-265-VH-007_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 65+00 THRU STA. 98+00 CUT BV-4

PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 111

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	LT-1 (10/21)	730,783	1,595,954	28°43'25.87"	80°46'01.89"
R"2"	DBN-2 (10/21)	730,656	1,596,094	28°43'27.25"	80°46'03.31"
INFO SIGN	SIGN (10/21)	730,891	1,596,033	28°43'26.64"	80°46'00.67"
INFO SIGN	SIGN (10/21)	729,633	1,595,116	28°43'17.59"	80°46'14.82"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Chkd by: GR
Rev. No. V912EP-XX-X-XXXX
Date: OCT 2021

X:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
21-265-U-NAV.DGN
21-265-U-SOUN_BV-4.DGN
21-265-U-SOUN_BV-5.DGN
IWW-CANGMCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
21-265-VH-008_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 98+00 CUT BV-4 THRU STA. 30+00 CUT BV-5

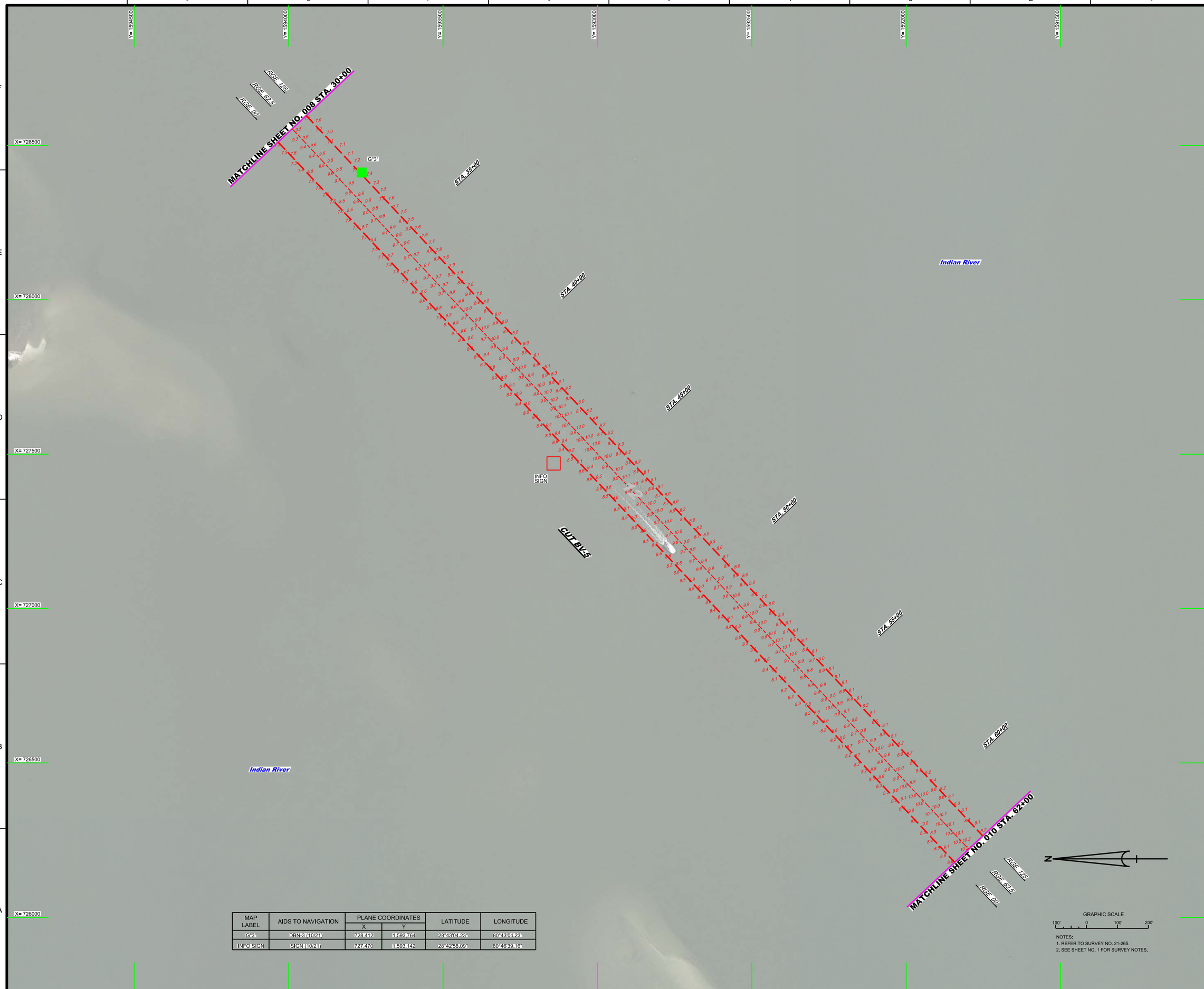
PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"3"	DBN-3 (10/21)	728,412	1,593,764	28°43'04.23"	80°43'04.23"
INFO SIGN	SIGN (10/21)	727,470	1,593,142	28°42'58.09"	80°46'39.16"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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
Chkd by: GR
Rev. No. V9123EP-XX-X-XXXX
Date: OCT 2021

X:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
21-265-V-SQUM_BV-5.DGN
RWV-CAN-MCCF.DGN
21-265-C-ES-SHDR_BV.DGN
Reference files:
21-265-VH-009_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 30+00 THRU STA. 62+00 CUT BV-5

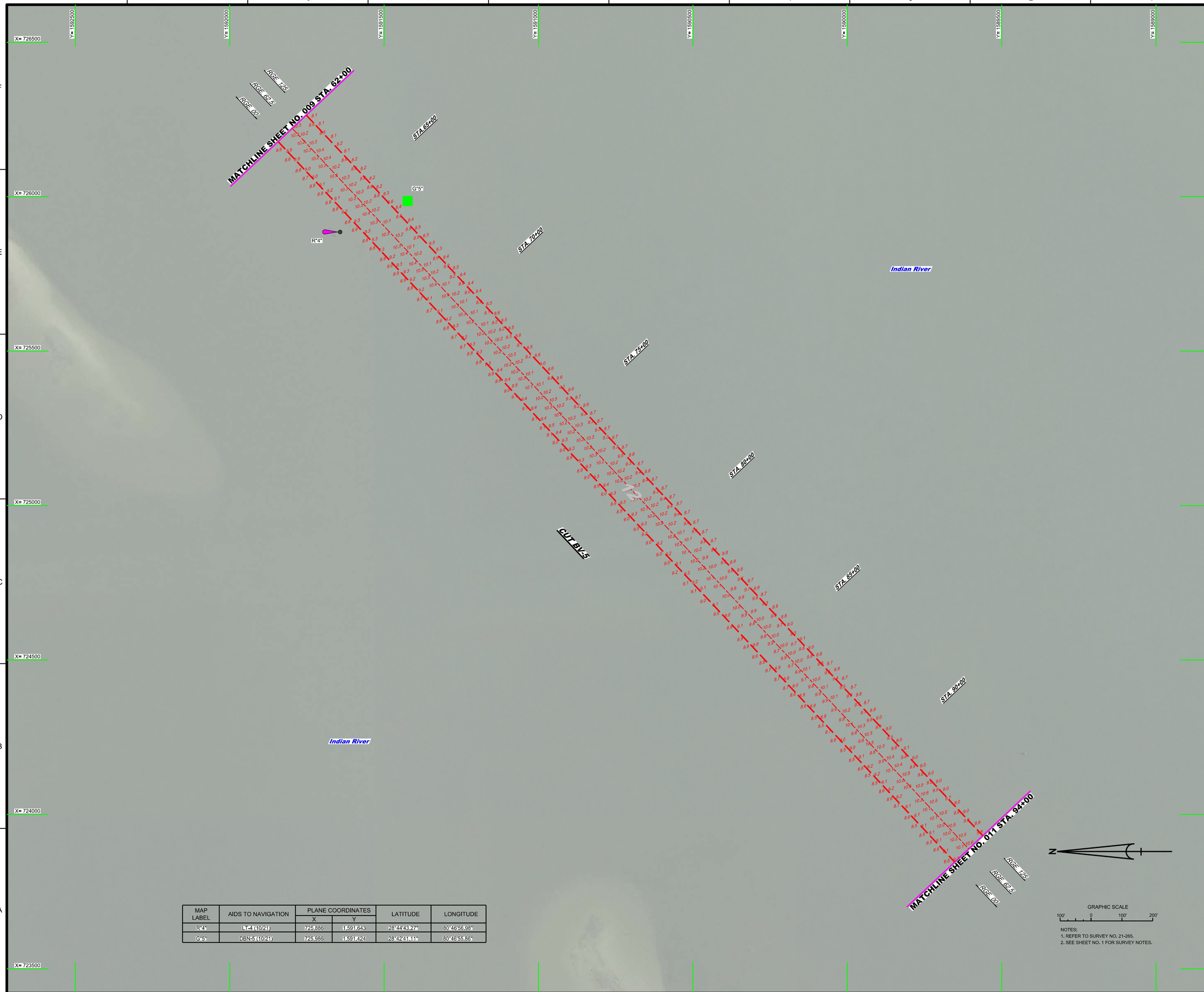
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"4"	LT-4 (10/21)	725,886	1,591,643	28°44'43.27"	80°46'56.98"
G"5"	DBN-5 (10/21)	725,986	1,591,424	28°42'41.11"	80°46'55.86"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: GB
Proj. No. V912EP-XX-XX-XXXX
Date: OCT 2021

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
21-265-A-SQUIL BV-5.DGN
IWW-C-CNGMCF.DGN
21-265-C-BB-BRDR_BV.DGN
Reference files
21-265-HH310_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 62+00 THRU STA. 94+00 CUT BV-5

PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 111

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"6"	DBN-6 (10/21)	723,328	1,589,193	28°42'19.06"	80°47'25.76"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Ckd by: GR
Rev. No. V9123EP-XX-X-XXXX
Date: OCT 2021

XXXXXXXXXX-X-XXXXX.DGN
XXXXXXXXXX-X-XXXXX.DGN
XXXXXXXXXX-X-XXXXX.DGN
XXXXXXXXXX-X-XXXXX.DGN
XXXXXXXXXX-X-XXXXX.DGN
21-265-N-SOUN_BV-5.DGN
RWW-CNG/MCCF.DGN
21-265-C-BS-BRDR_BV.DGN
Reference files:
21-265-VH-011_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 94+00 THRU STA. 126+00 CUT BV-5

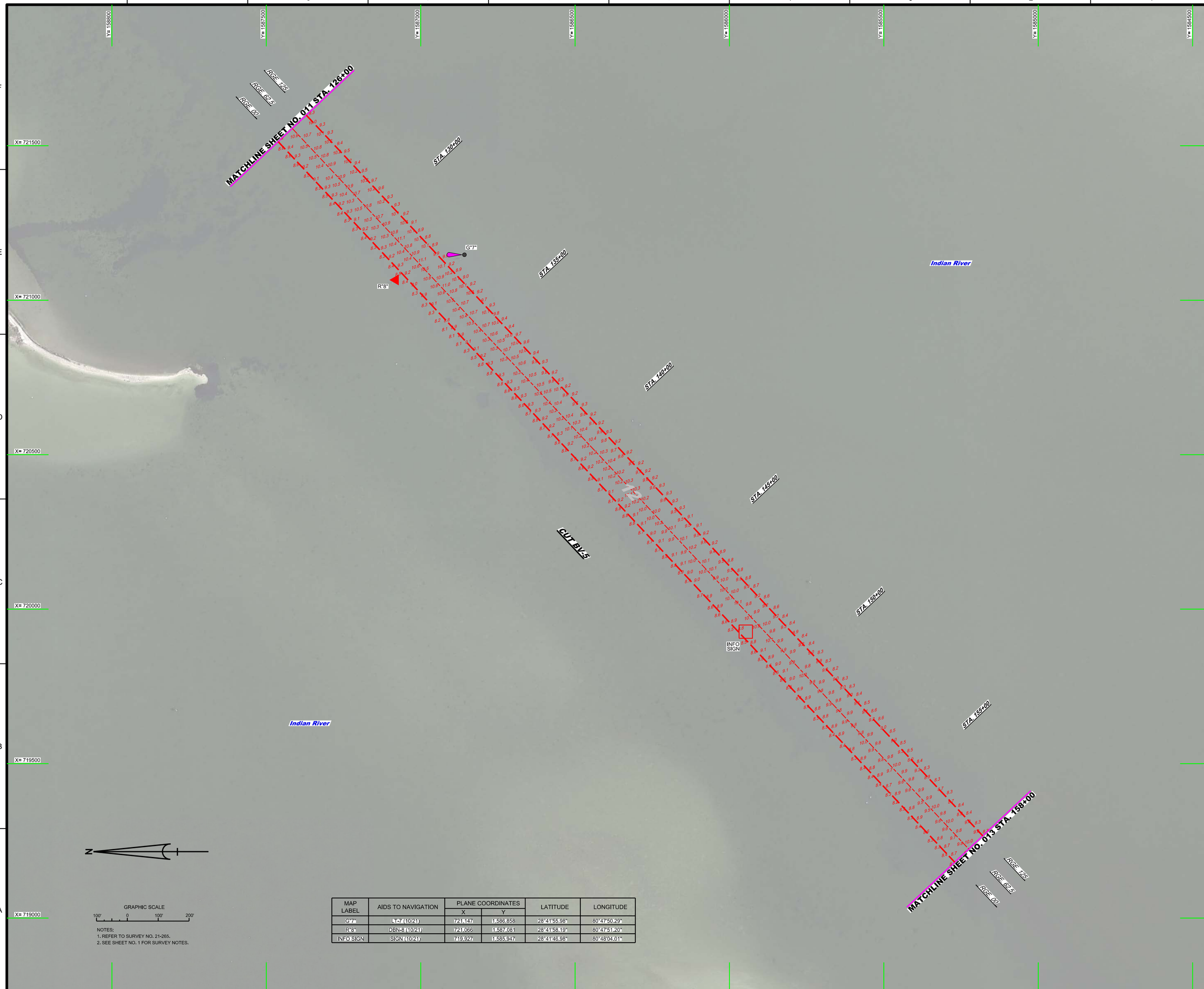
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"7"	LT-7 (10/21)	721,147	1,586,858	28°41'55.98"	80°47'50.29"
R"8"	DBN-8 (10/21)	721,066	1,587,081	28°41'58.19"	80°47'51.20"
INFO SIGN	SIGN (10/21)	719,927	1,585,947	28°41'46.98"	80°48'04.01"

NOTES:
1. REFER TO SURVEY NO. 21-265.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Chkd by: GR
Rev. No. W912EP-XX-X-XXXX
Date: OCT 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-265-N-SOUN_BV-5.DGN
21-265-N-SOUN_BV-5.DGN
NWW-CANGMCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
21-265-VH-012_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 126+00 THRU STA. 158+00 CUT BV-5

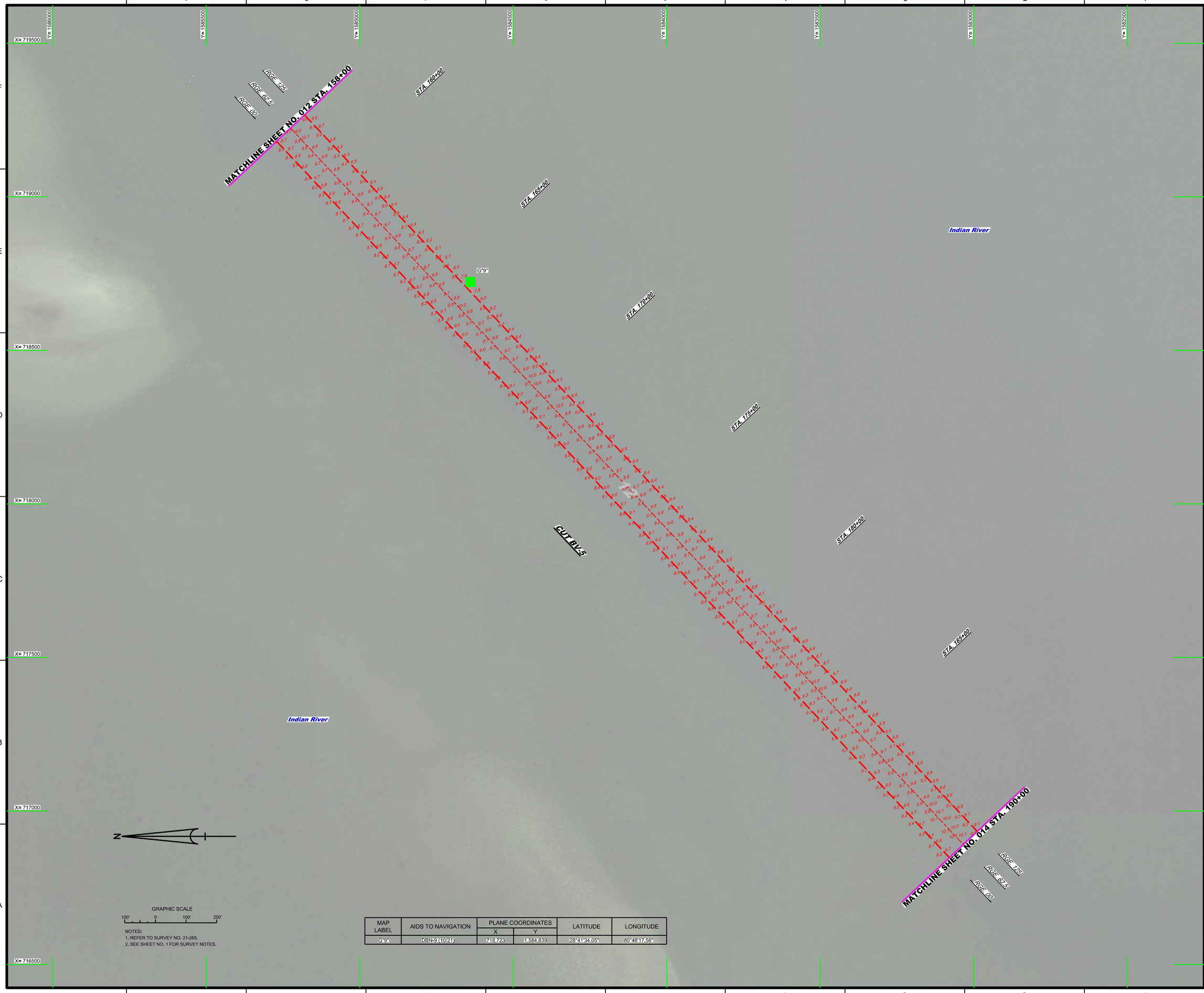
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 111



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"9"	DBN-9 (10/21)	718,723	1,584,639	28°41'34.05"	80°48'17.56"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

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

Designed by: VIRM
DWN by: VIRM
Ckd by: GR
Rev. No. V9123EP-XX-X-XXXX
Date: OCT 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-265-N-SOUN_BV-5.DGN
NWW-CNG/MCCF.DGN
21-265-C-ES-BRDR_BV.DGN
Reference files:
21-265-VH-013_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 158+00 THRU STA. 190+00 CUT BV-5

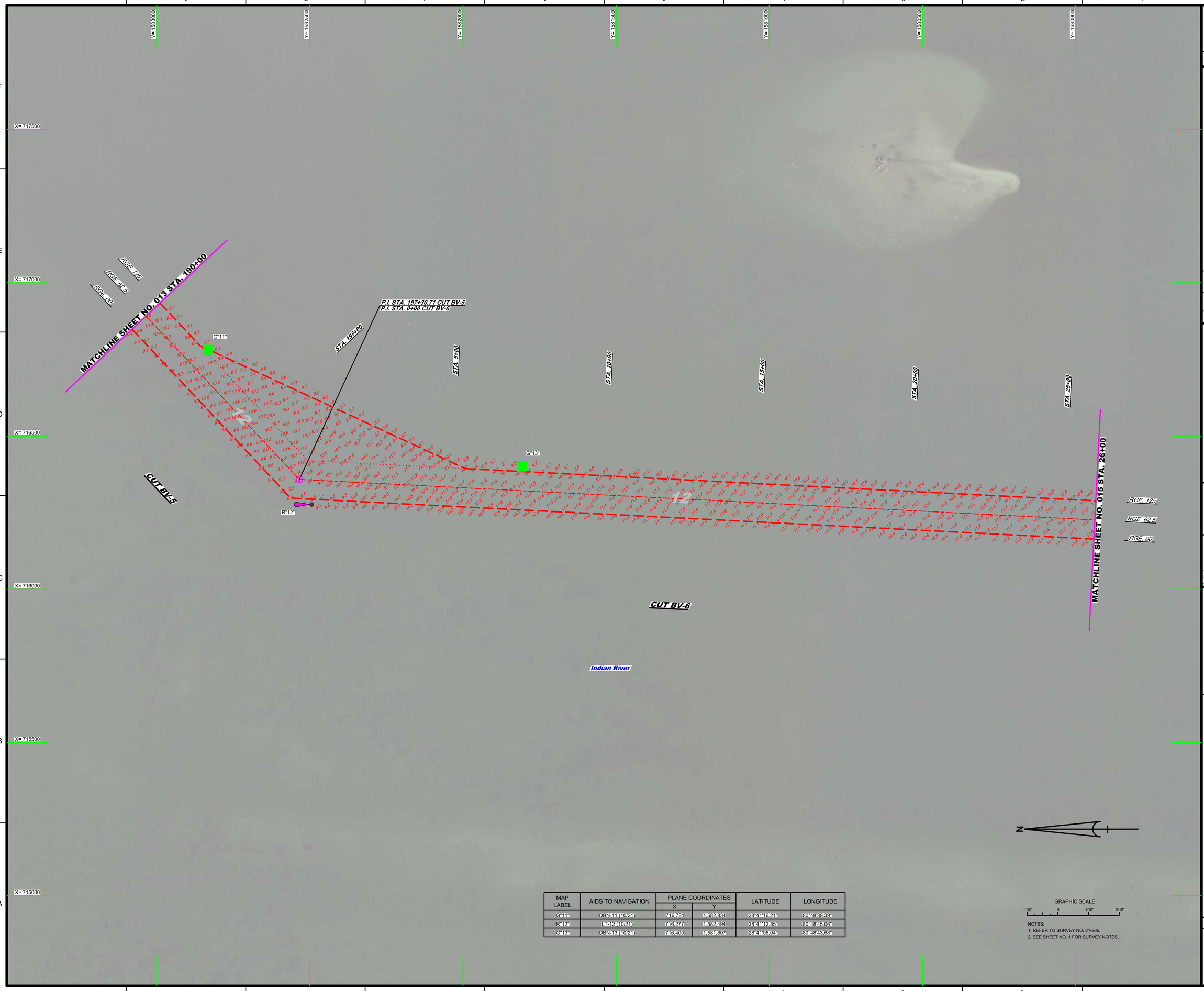
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"11"	DBN-11 (10/21)	716,781	1,582,834	28°41'16.21"	80°48'39.39"
R"12"	LT-12 (10/21)	716,277	1,582,494	28°41'12.85"	80°48'45.06"
G"13"	DBN-13 (10/21)	716,400	1,581,807	28°41'06.04"	80°48'43.68"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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
Chkd by: GR
Rev. No. W912EP-XX-X-XXXX
Date: OCT 2021

X:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
21-265-U-NAV.DGN
21-265-U-SOUN_BV-4.DGN
21-265-N-SOUN_BV-6.DGN
IWW-CAN-GNCCF.DGN
21-265-C-ESHDR_BV.DGN
Reference files:
21-265-VH-014_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 190+00 CUT BV-5 THRU STA. 25+00 CUT BV-6

PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 111

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"15"	DBN-15 (10/21)	716,294	1,579,223	28°40'40.46"	80°48'44.93"
R"16"	LT-16 (10/21)	716,058	1,578,794	28°40'36.22"	80°48'47.58"
G"17"	DBN-17 (10/21)	716,442	1,578,297	28°40'31.29"	80°48'43.28"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

X:\XXXXXXX-XXXXXXX\DGN
XXXXXXXXX-XXXXXXXX.DGN
21-265-H-CON12.DGN
21-265-H-NAV.DGN
21-265-H-SOUN_BV-6.DGN
21-265-H-SOUN_BV-7.DGN
IWW-C-NGMCF.DGN
21-265-H-BR-BRDR_BV.DGN
Reference files:

21-265-H-H15_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 26+00 CUT BV-6 THRU STA. 22+00 CUT BV-7

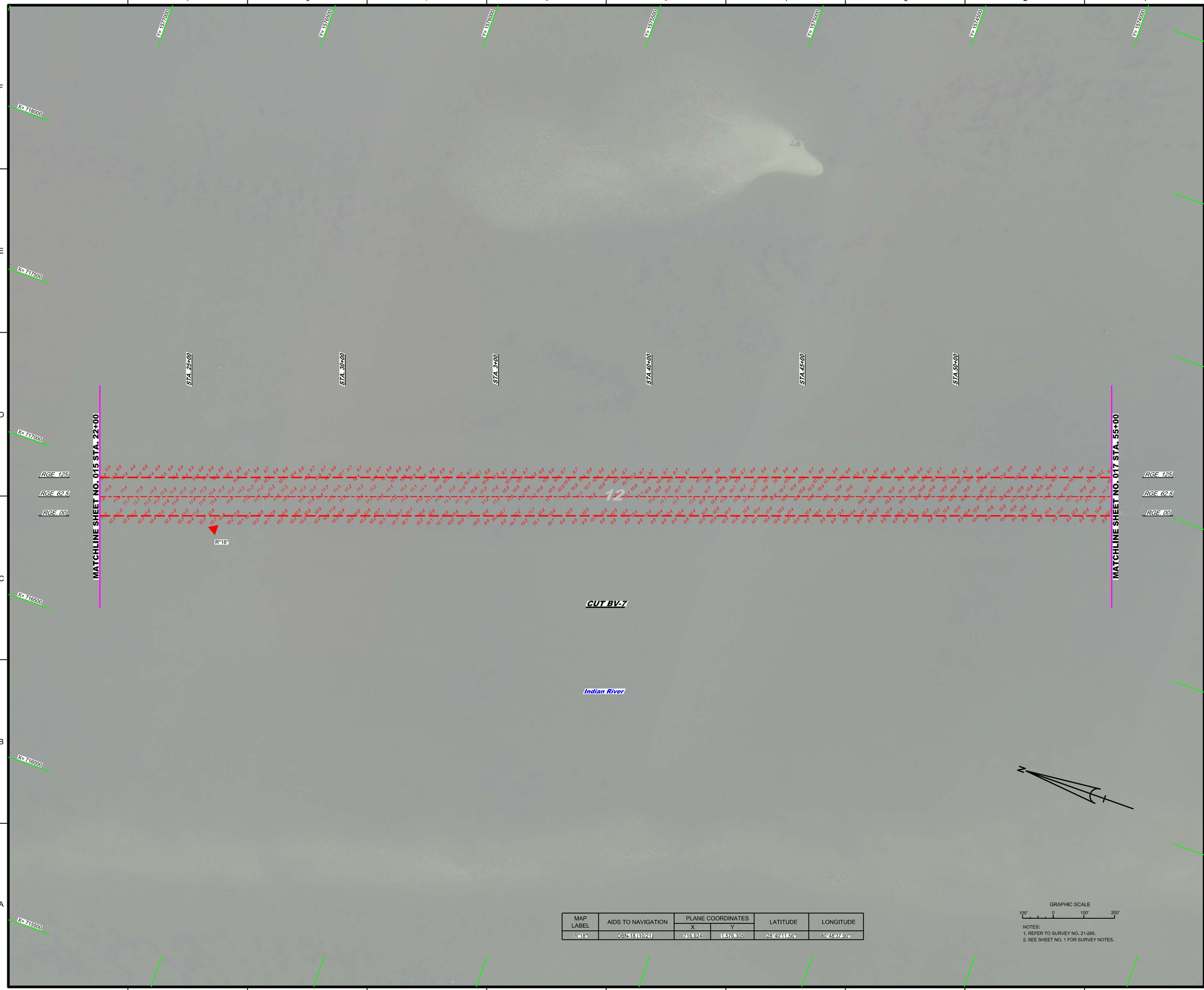
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"18"	DBN-18 (10/21)	716,924	1,576,305	28°40'11.56"	80°48'37.90"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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	Description

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: OCT 2021

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
21-265-A-SDUN_BV-7.DGN
IWW-C-CNGMCF.DGN
21-265-C-BR-BRDR_BV.DGN
Reference files
21-265-HH-017_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 22+00 THRU STA. 55+00 CUT BV-7

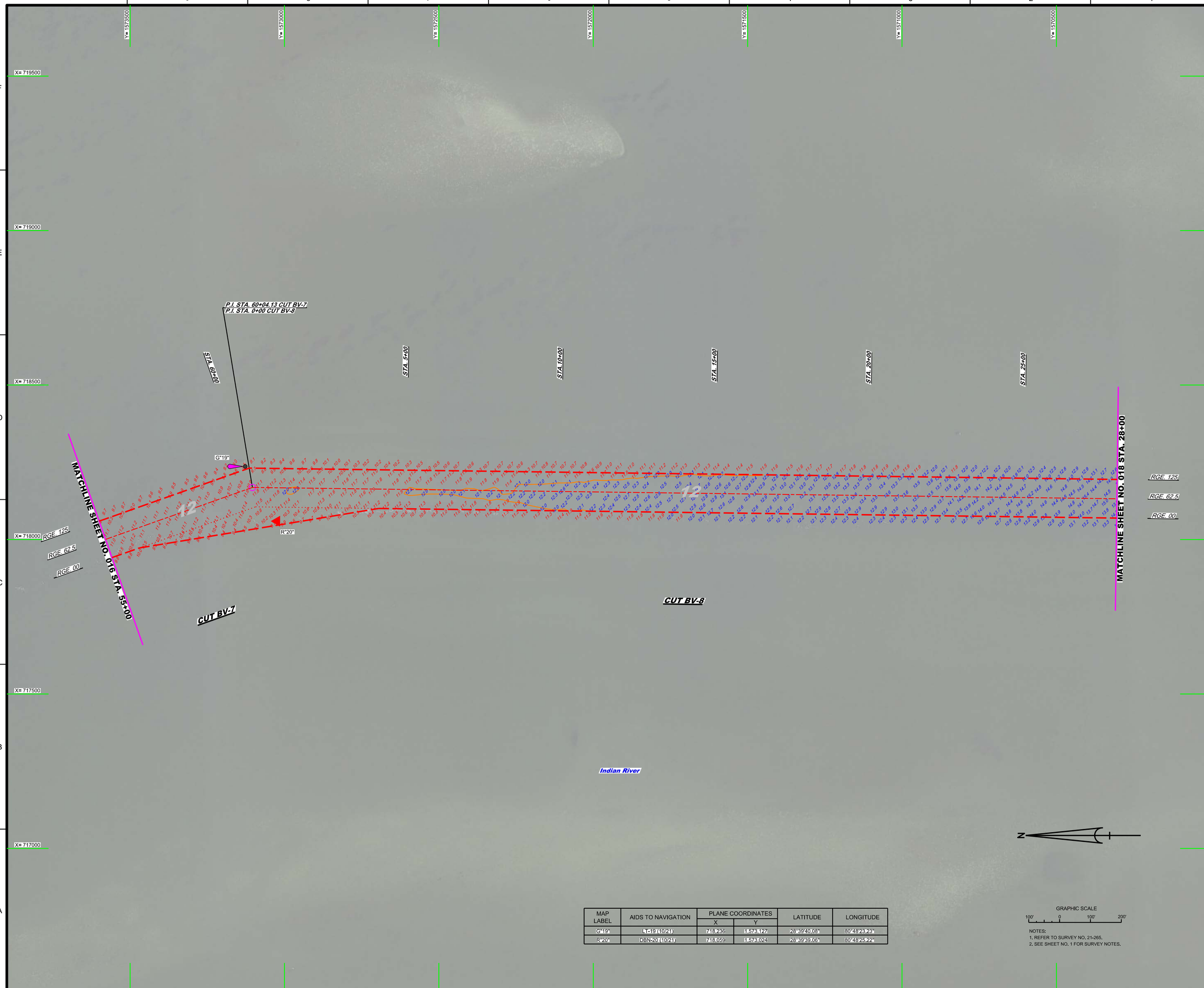
PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"19"	L-19 (10/21)	718,236	1,573,127	28°39'40.08"	80°48'23.23"
R"20"	DBN-20 (10/21)	718,059	1,573,024	28°39'39.06"	80°48'25.22"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
21-265-VANAV.DGN
21-265-VA-CONTQ.DGN
21-265-VA-SOUN_BV-7.DGN
21-265-VA-SOUN_BV-8.DGN
NWW-CANGMCCF.DGN
21-265-C-BS-BRDR_BV.DGN
Reference files:
21-265-VH-017_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 55+00 CUT BV-7 THRU STA. 28+00 CUT BV-8

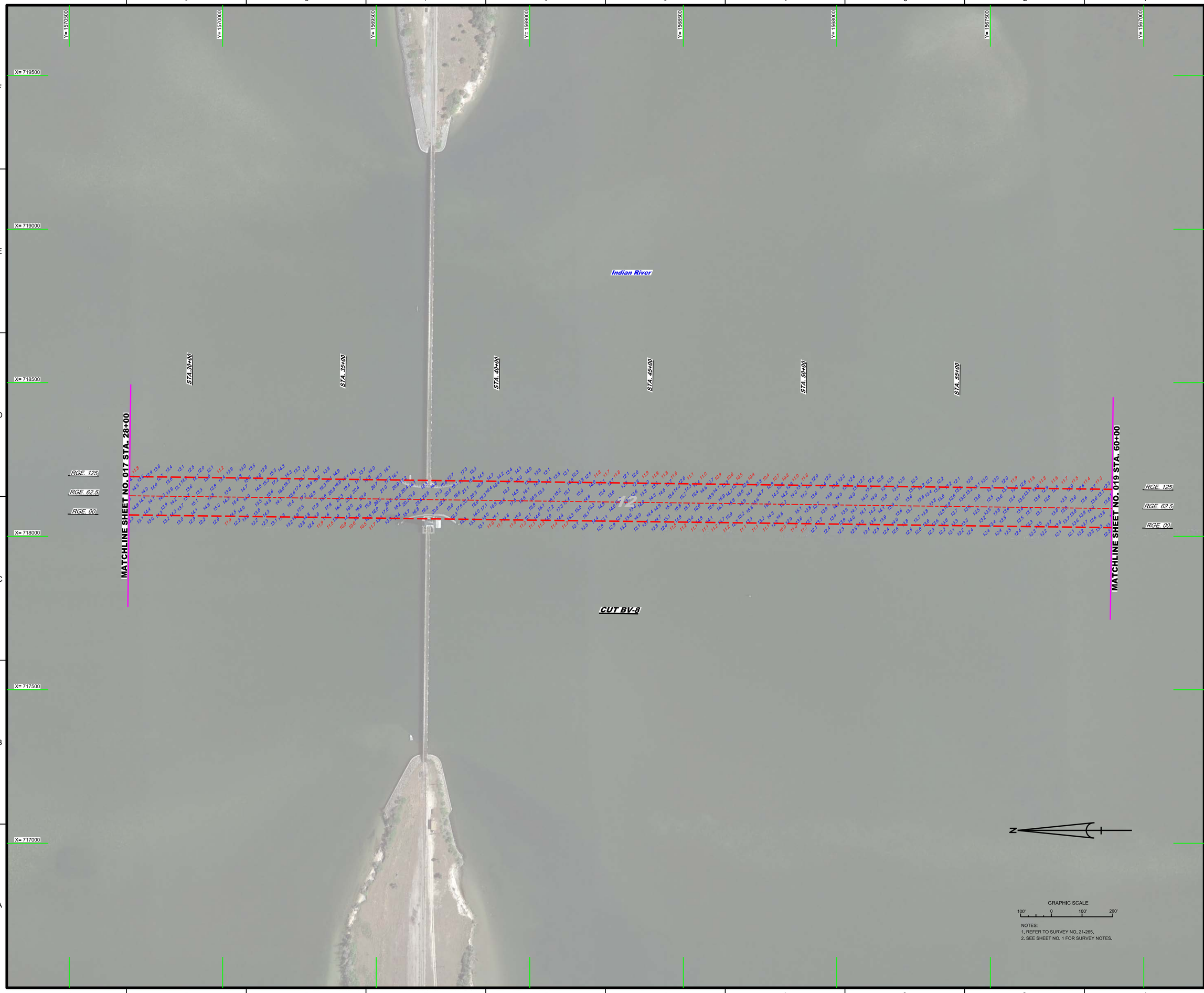
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 111



NOTES:
1. REFER TO SURVEY NO. 21-265.
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: VRM
Drawn by: VRM
Checked by: GMR
Trx. No. W912EP-XX-C-XXXX
Date: OCT 2021

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
21-265-A-S02-N_BV-8.DGN
IWW-C-NGMCCF.DGN
21-265-C-BS-BREP_BV.DGN
Reference files:
21-265-H-018_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 28+00 THRU STA. 60+00 CUT BV-8

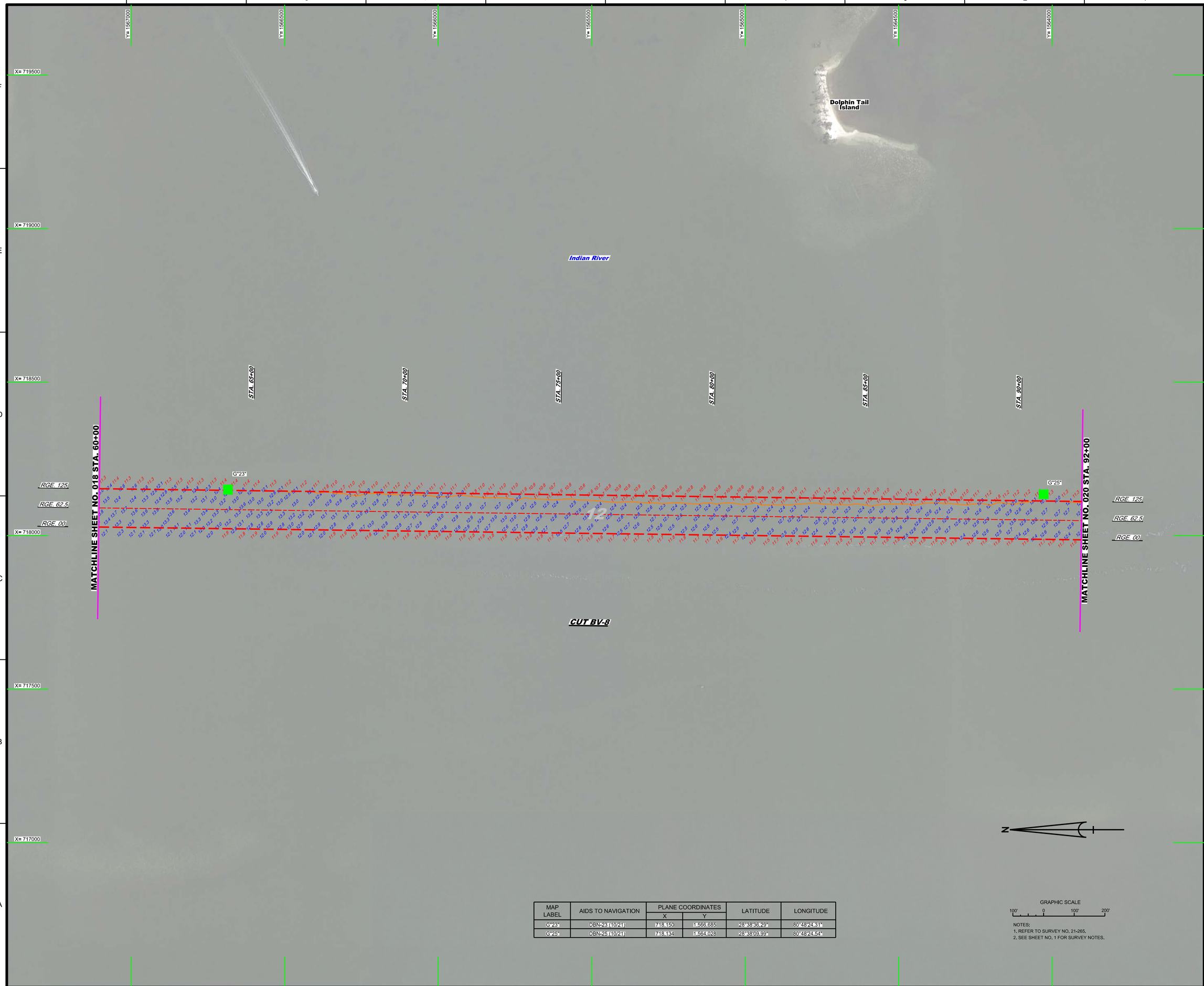
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"23"	DBN-23 (10/21)	718,150	1,566,685	28°38'36.29"	80°48'24.31"
G"25"	DBN-25 (10/21)	718,134	1,564,028	28°38'09.99"	80°48'24.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
21-265-U-NAV.DGN
21-265-U-SOUN.DGN
21-265-U-SOUN_BV-8.DGN
RWV-CNG/MCCF.DGN
21-265-C-ES-BRDR_BV.DGN
Reference files:
21-265-VH-019_BV.DGN
File name:

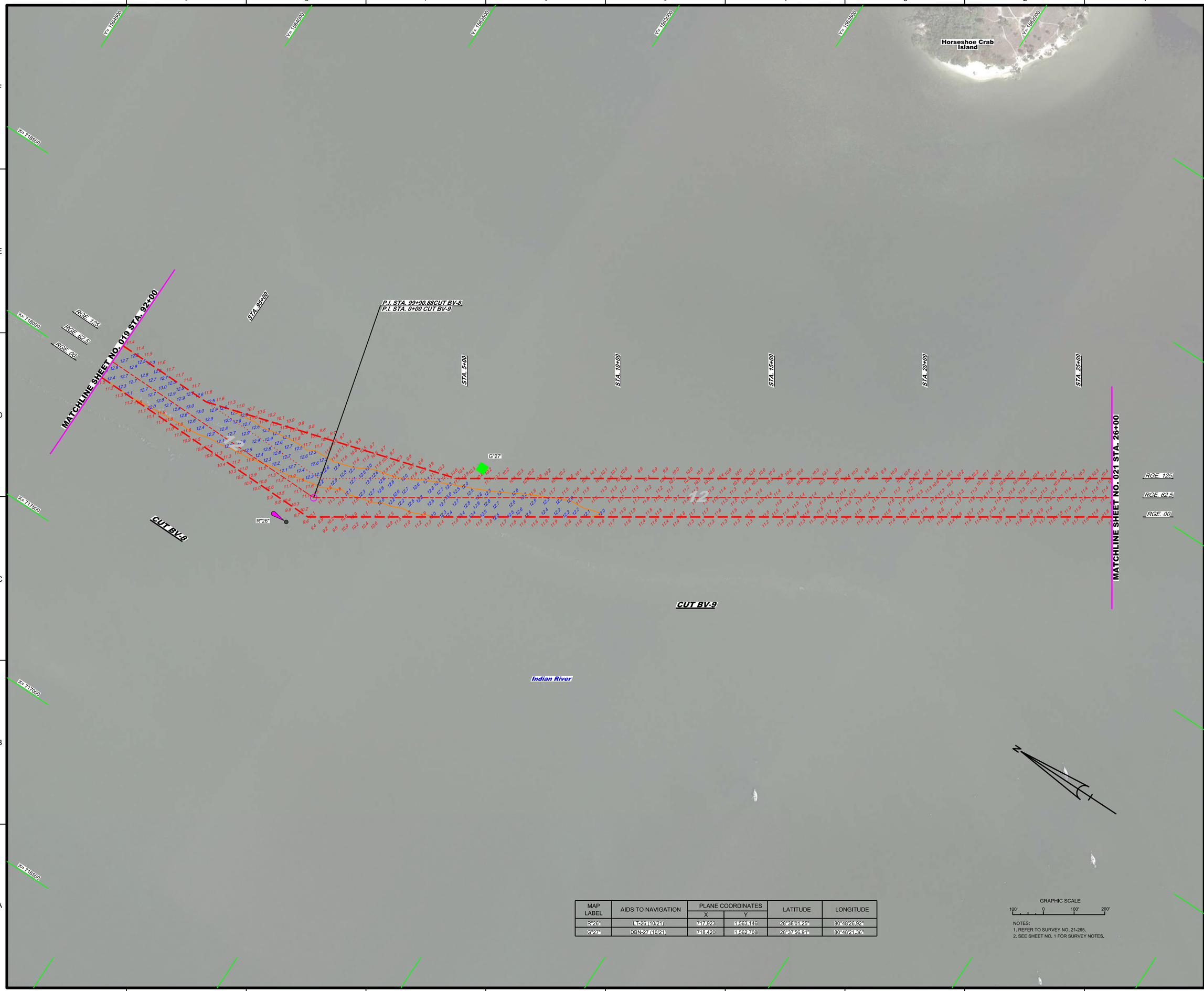
INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT
STA. 60+00 THRU STA. 92+00 CUT BV-8
PLAN

Scale: AS SHOWN

Drawing no.
19

SHEET 19 OF 111



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"26"	LT-26 (10/21)	717,923	1,563,146	28°38'01.25"	80°48'26.92"
G"27"	DBN-27 (10/21)	718,420	1,562,708	28°37'56.91"	80°48'21.36"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 21-265.
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: OCT 2021

X:\XXXXXXXX-XXXXXX\DGN
XXXXXXXXX-XXXXXXXXX.DGN
21-265-HAIW.DGN
21-265A-CON12.DGN
21-265A-SOUN_BV-A.DGN
21-265A-SOUN_BV-B.DGN
IWW-C-CNGMCF.DGN
21-265A-BR-BRDR_BV.DGN
Reference files
21-265-HH-H20_BV.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BREVARD COUNTY

HYDROGRAPHIC EXAM SURVEY FY21
12-FOOT PROJECT

STA. 92+00 CUT BV-8 THRU STA. 26+00 CUT BV-9

PLAN

Scale: AS SHOWN

Drawing no.

20

SHEET 20 OF 111