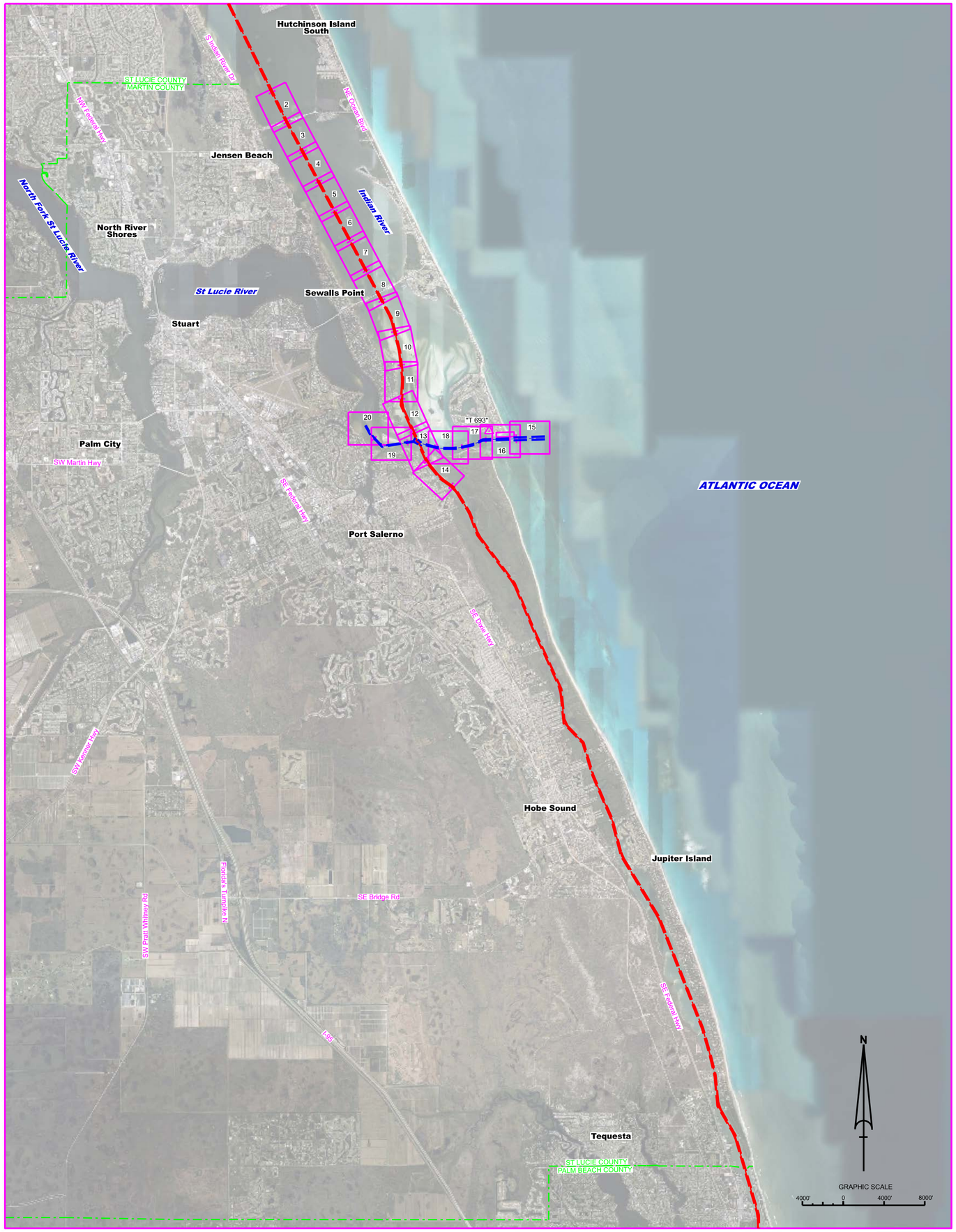
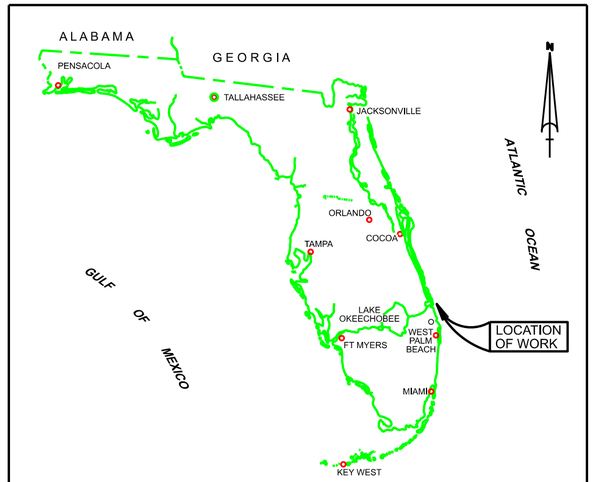




LOCATION MAP

INTRACOASTAL WATERWAY (IWW) / ST LUCIE INLET / OKEECHOBEE WATERWAY MARTIN COUNTY, FL HYDROGRAPHIC EXAM SURVEY FY23 8 AND 10-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 23-212.
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 REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "T 693" (PID: BBFH83)
8. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). A MODIFIED VERSION OF NOAA'S VDATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK SPECIFIED BELOW:

   NOAA TIDAL STATION 872-2381 (PID: AF6967) FOR ALL CUTS

   VERTICAL MEASUREMENTS FOR DATA COLLECTED ALONG THE IWW AND THE OWW WERE MADE USING AN EDGETECH 6205 S2 INTERFEROMETRIC SIDE SCAN SYSTEM OPERATING AT 550 KHZ. HYDRO DATA COLLECTED FOR THE IMPOUNDMENT BASIN WERE MADE USING AN EDGETECH 6205 COMBINED MULTI-BEAM AND SIDESCAN AND A TELEDYNE ODOM ECHOTRAC E20 DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	18-19 JUL 2023	IWW CUTS M-2 THRU M-7
SB-48	19 JUL 2023	OWW CUT-1
TOPO	20 JUL 2023	IMPOUNDMENT BASIN (TOPO)
SB-48	01-03 AUG 2023	IWW CUT M-1
SB-48	07 SEP 2023	IMPOUNDMENT BASIN (HYDRO)

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

Digitized by: WRM
Checked by: GMR
DWN by: WRM
Inv. No.: W912EP-XX-XX-XXXX
Dates: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-212H-ABING_AERIAL.DGN
23-212H-OWW_CUT1-M-MOTP-REF.DGN
23-212H-OWW_CUT1-M-MOTP-REF.DGN
IWW-C-NGMCCF.DGN
22-212C-BS-BROR_MAXRGB.DGN
Reference files:

23-212UH-001_MAXRGB.DGN
File name:

INTRACOASTAL WATERWAY / ST LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

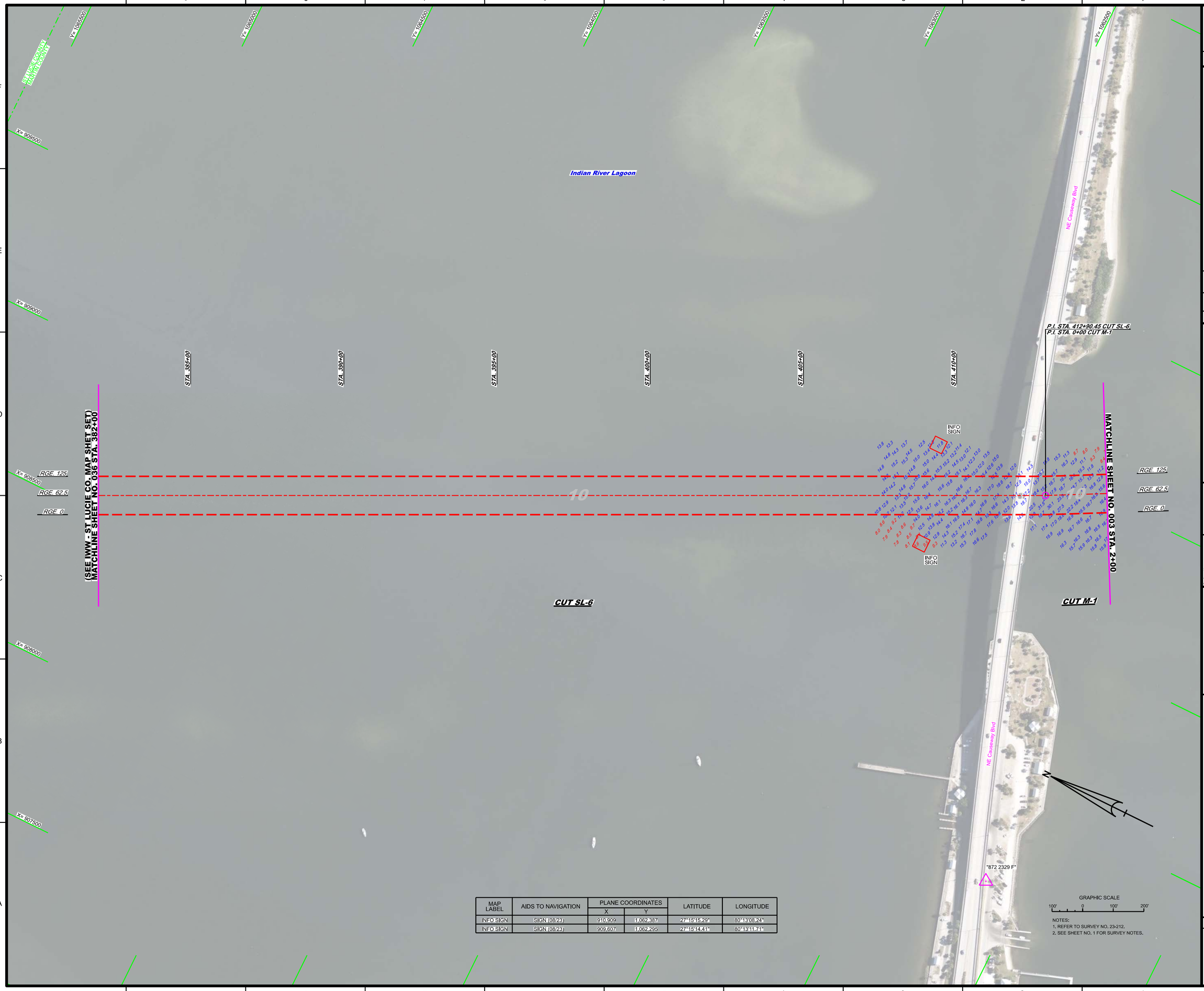
Scale: AS SHOWN

Drawing no.

1 / 16

SHEET 01 OF 20

© 2023 Microsoft Corporation Earthstar Geographics SIO



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
INFO SIGN	SIGN (08/23)	910,909	1,062,387	27°15'15.29"	80°13'08.24"
INFO SIGN	SIGN (08/23)	909,607	1,062,295	27°15'14.41"	80°13'11.71"

NOTES:
1. REFER TO SURVEY NO. 23-212.
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
Checked by: WRM
DWN by: WRM
Dwg. No. W912EP-XX-X-XXXX
Date: AUG 2023

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
23-212-1-NAV.DGN
23-212-1-NAV-SET-FINAL.DGN
23-212-1-VERIFY_INTW-MAR.DGN
IWW-CANGICCF.DGN
23-212-2-SS-BRDR_MA-XRDS.DGN
File name: 23-212-1-TH092_MA-XRDS.DGN

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 382+00 CUT SL-6 THRU STA. 2+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.
2 / 16

SHEET 02 OF 20

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MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"220"	DBN-220 (08/23)	910,895	1,059,820	27°14'49.82"	80°12'57.60"
INFO SIGN	SIGN (08/23)	910,170	1,061,808	27°15'09.55"	80°13'05.50"
INFO SIGN	SIGN (08/23)	909,849	1,061,728	27°15'08.77"	80°13'09.06"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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

Checked by: VIRM
DWN by: VIRM
Cad by: GMR
Rev. No. V01FSEP-XXX-XXXX
Date: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-212-V-SING_AERIAL.DGN
23-212-V-MULTI_AERIAL.DGN
23-212-V-SOUN_DIV-MAR.DGN
IWW-C-NGMCCF.DGN
23-212-C-ES-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-H-003_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 2+00 THRU STA. 35+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

3 / 16

SHEET 03 OF 20

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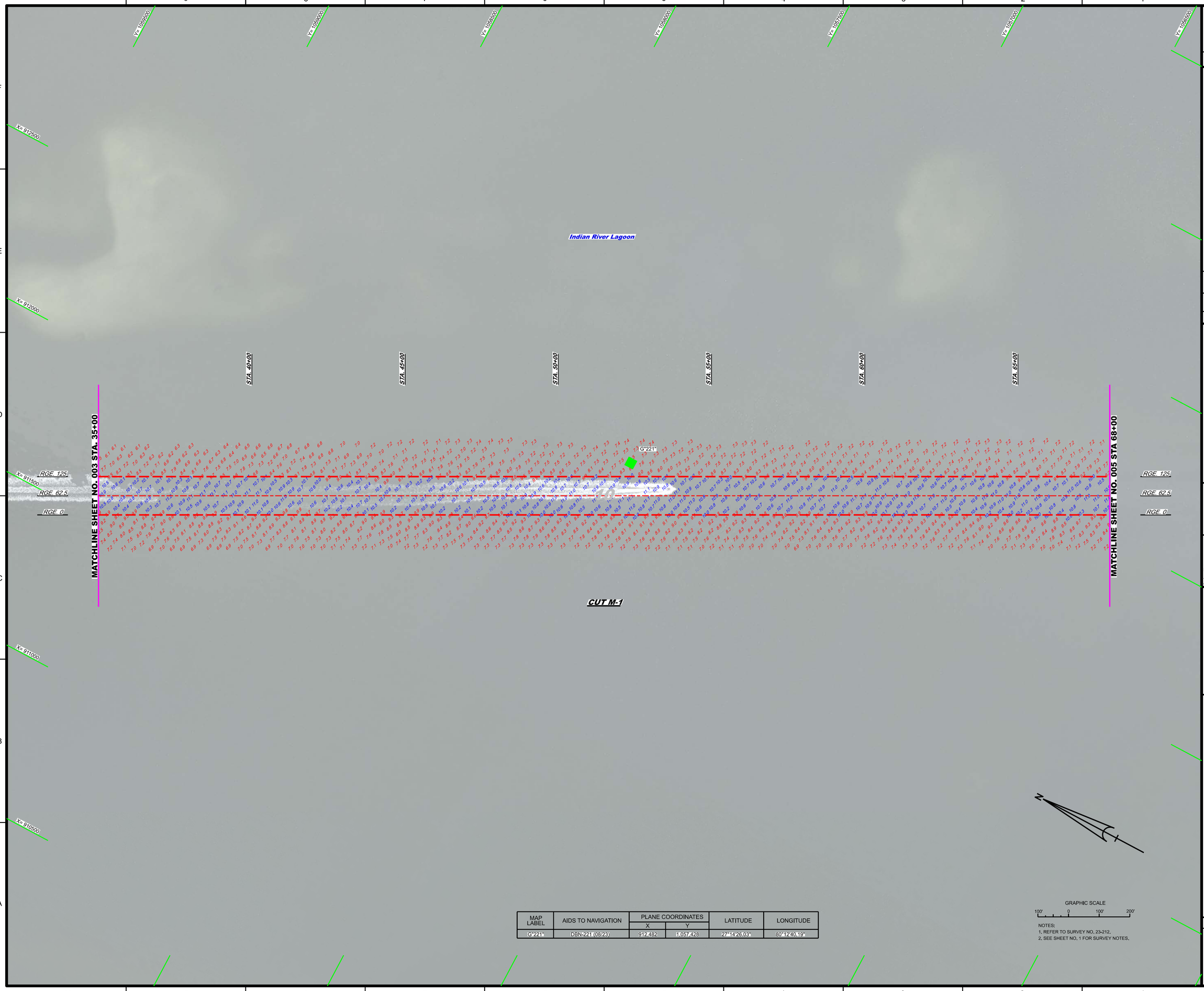

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"221"	DBN-221 (08/23)	912,482	1,057,428	27°14'26.03"	80°12'40.19"

NOTES:
1. REFER TO SURVEY NO. 23-212.
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
Checked by: VIRM
DWN by: VIRM
Ev. No. W912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
23-212-V-SRN_AERIAL.DGN
23-212-V-MAP_UPDATE.DGN
23-212-V-SCUM_UPDATE.DGN
IWW-C-NGMCCF.DGN
23-212-V-SS-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-H-004_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 35+00 THRU STA. 68+00 CUT M-1
PLAN

Scale: AS SHOWN

Drawing no.
4 / 16

SHEET 04 OF 20

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MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"222"	DBN-222 (08/23)	913,215	1,055,420	27°14'06.10"	80°12'32.21"
G"223"	LT-223 (08/23)	914,482	1,053,699	27°13'48.98"	80°12'18.29"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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

Checked by: GMR
Designed by: WRM
DWN by: WRM
Rev. No. V01SEP-XXX-XXXX
Dated: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-212-V-BING_AERIAL.DGN
23-212-V-NAD_27.DGN
23-212-V-SOUN_DIV-MAR.DGN
IWW-C-NGMCCF.DGN
23-212-D-ES-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-H-005_MA-XRDS.DGN
File: ...sample2

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 68+00 THRU STA. 101+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

5 / 16

SHEET 05 OF 20

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MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"224"	DBN-224 (08/23)	915,371	1,051,549	27°13'27.64"	80°12'08.60"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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. W912EP-XXX-XXXX
Dated: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-212-XXXXXXXX.DGN
23-212-VASQUN_DIVWAMAR.DGN
RWW-C-NGMCCF.DGN
23-212-C-ESI-BRDR_MA-XRDS.DGN
Reference files:
23-212-VHD06_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 101+00 THRU STA. 134+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

6 / 16

SHEET 06 OF 20

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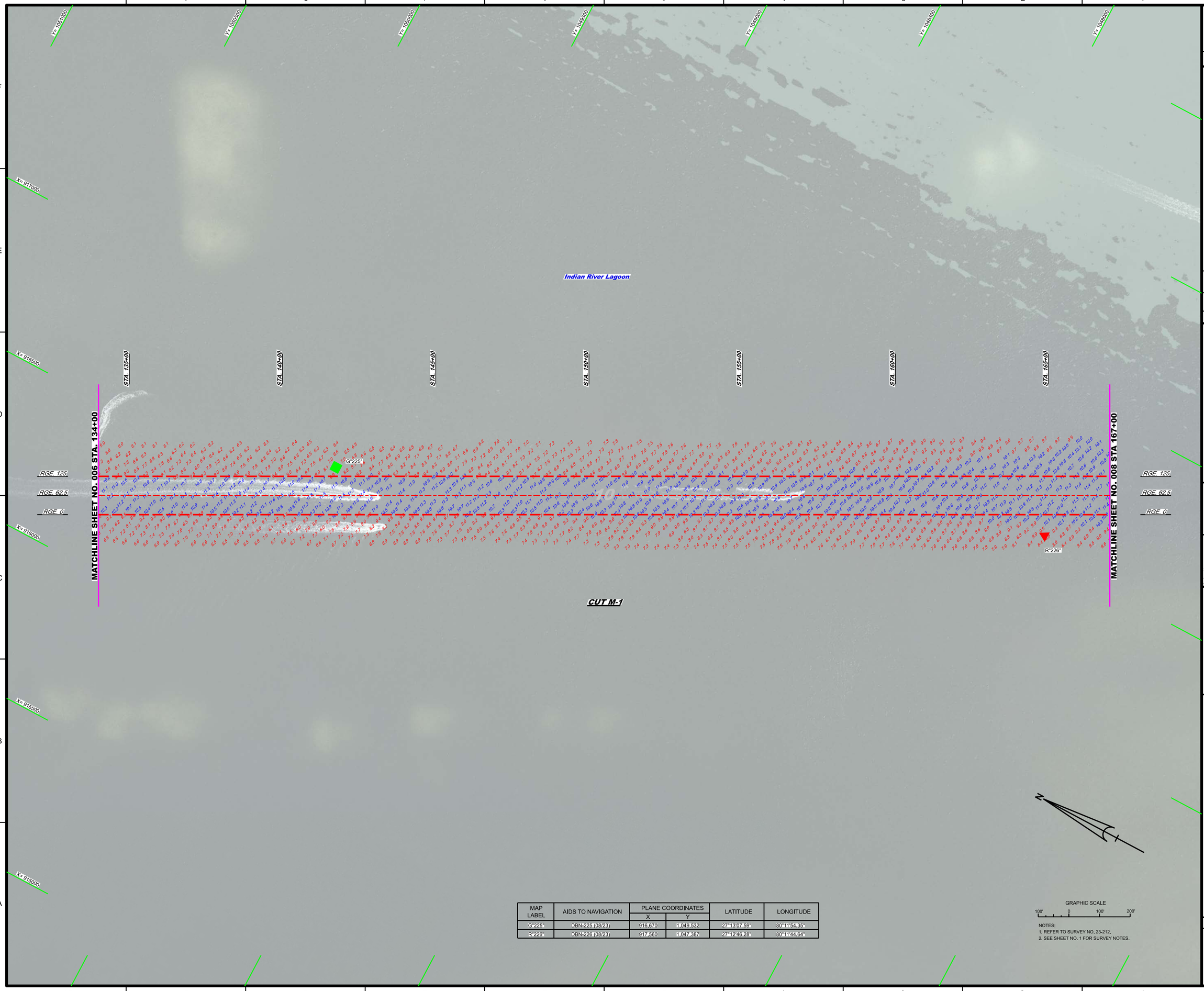

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"225"	DBN-225 (08/23)	916,670	1,049,532	27°13'07.59"	80°11'54.35"
R"226"	DBN-226 (08/23)	917,560	1,047,387	27°12'46.28"	80°11'44.64"

NOTES:
1. REFER TO SURVEY NO. 23-212.
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. V01FEF-XXX-XXXX
Dataset: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-212-V-SBNG_AERIAL.DGN
23-212-V-NAVD_GEOID18.DGN
23-212-V-SOUN_DYNAMAR.DGN
IWW-C-NGMCCF.DGN
23-212-C-ES-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-h007_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
JACKSONVILLE TO MIAMI
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 134+00 THRU STA. 167+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

7 / 16

SHEET 07 OF 20

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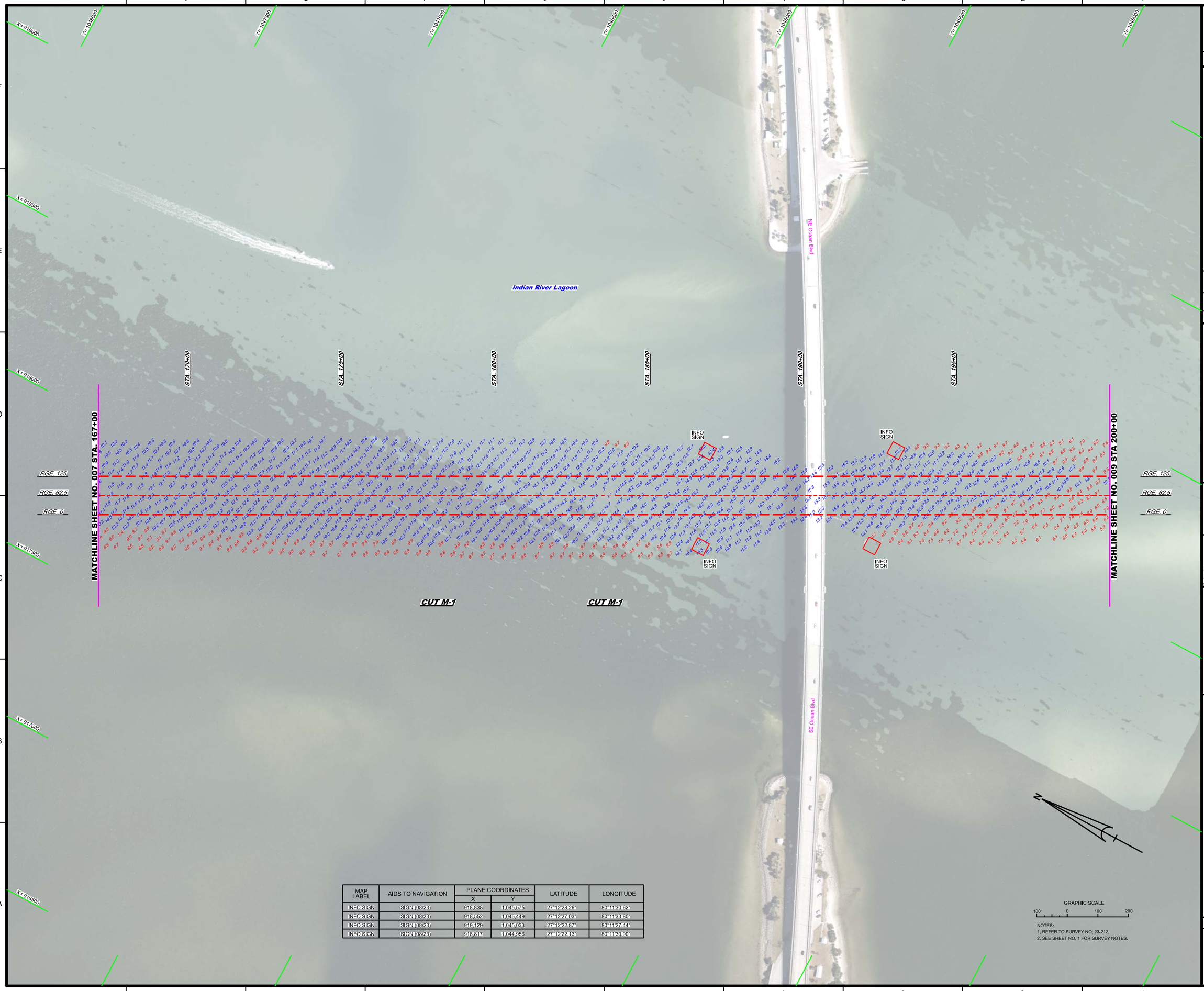

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
INFO SIGN	SIGN (08/23)	918,838	1,045,575	27°12'28.26"	80°11'30.62"
INFO SIGN	SIGN (08/23)	918,552	1,045,449	27°12'27.03"	80°11'33.80"
INFO SIGN	SIGN (08/23)	919,129	1,045,033	27°12'22.87"	80°11'27.44"
INFO SIGN	SIGN (08/23)	918,817	1,044,956	27°12'22.13"	80°11'30.90"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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
Checked by: WRM
DWN by: WRM
Rev. No. V0112SEP-XXX-XXXX
Dataset: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-212-V-SING_AERIAL.DGN
23-212-V-MAP_SURVEY.DGN
23-212-V-SOUN_DYN-MAR.DGN
RWA-C-NGMCCF.DGN
23-212-C-ES-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-H-036_MA-XRDS.DGN
File : sample

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
JACKSONVILLE, FLORIDA
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 167+00 THRU STA. 200+00 CUT M-1

PLAN

Scale: AS SHOWN

Drawing no.

8 / 16

SHEET 08 OF 20

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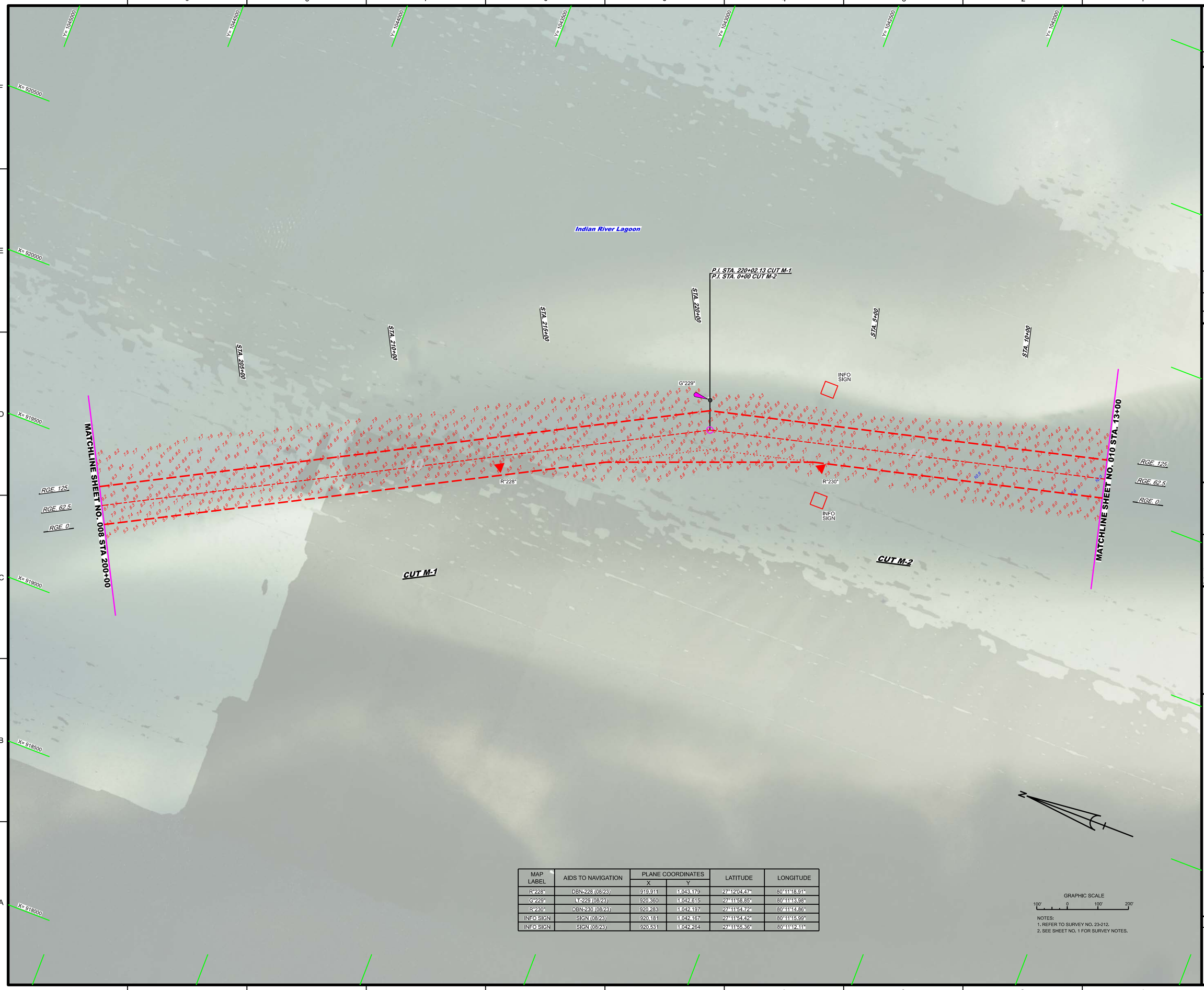

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"228"	DBN-228 (08/23)	919,911	1,043,179	27°12'04.47"	80°11'18.91"
G"229"	LT-229 (08/23)	920,360	1,042,615	27°11'58.85"	80°11'13.98"
R"230"	DBN-230 (08/23)	920,283	1,042,197	27°11'54.72"	80°11'14.86"
INFO SIGN	SIGN (08/23)	920,181	1,042,167	27°11'54.42"	80°11'15.99"
INFO SIGN	SIGN (08/23)	920,531	1,042,264	27°11'55.36"	80°11'12.11"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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: WRM
DWN by: WRM
Rev. No. V01SEP-XXX-XXXX
Dated: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
23-212-V-SING_AERIAL.DGN
23-212-V-MOSAIC.DGN
23-212-V-SOUN_DYNAMAR.DGN
NWW-C-NGMCCF.DGN
23-212-C-ES-BRDR_MA-XRDS.DGN
Reference files:
23-212-V-H-009_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 200+00 CUT M-1 THRU STA. 13+00 CUT M-2

PLAN

Scale: AS SHOWN

Drawing no.

9 / 16

SHEET 09 OF 20

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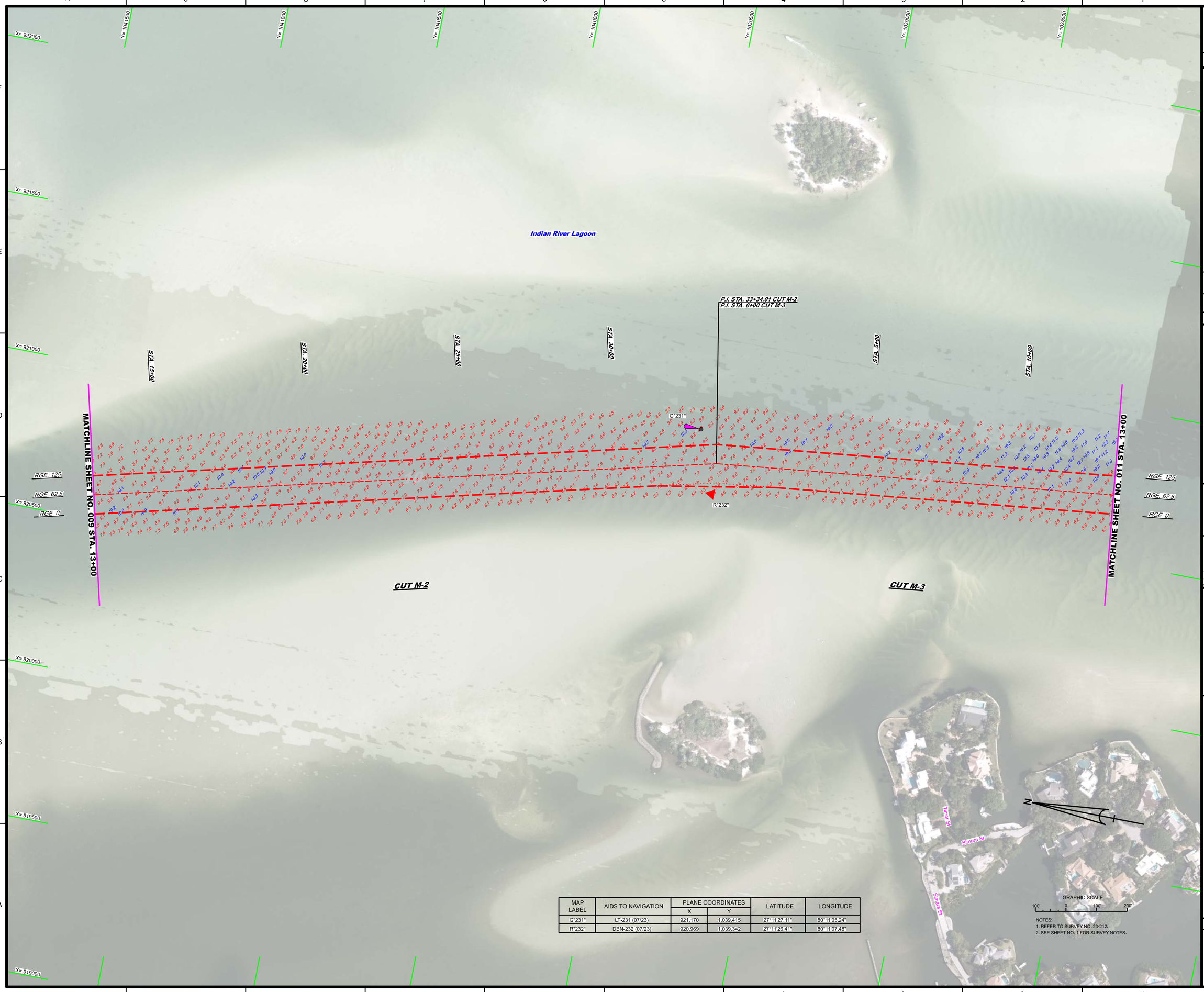

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"231"	LT-231 (07/23)	921,170	1,039,415	27°11'27.11"	80°11'05.24"
R"232"	DBN-232 (07/23)	920,969	1,039,342	27°11'26.41"	80°11'07.48"

NOTES:
1. REFER TO SURVEY NO. 23-212.
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.: W912EP-XXXX-XXXX
Dates: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-212-H-BING_AERIAL.DGN
23-212-H-AVG_TIDN.DGN
23-212-H-SOLN_INW-MAR.DGN
IWW-C-NGMCF.DGN
23-212-C-BS-BRDR_MA-XRDS.DGN
Reference files:

23-212-H-010_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 13+00 CUT M-2 THRU STA. 13+00 CUT M-3

PLAN

Scale: AS SHOWN

Drawing no.

10 / 16

SHEET 10 OF 20

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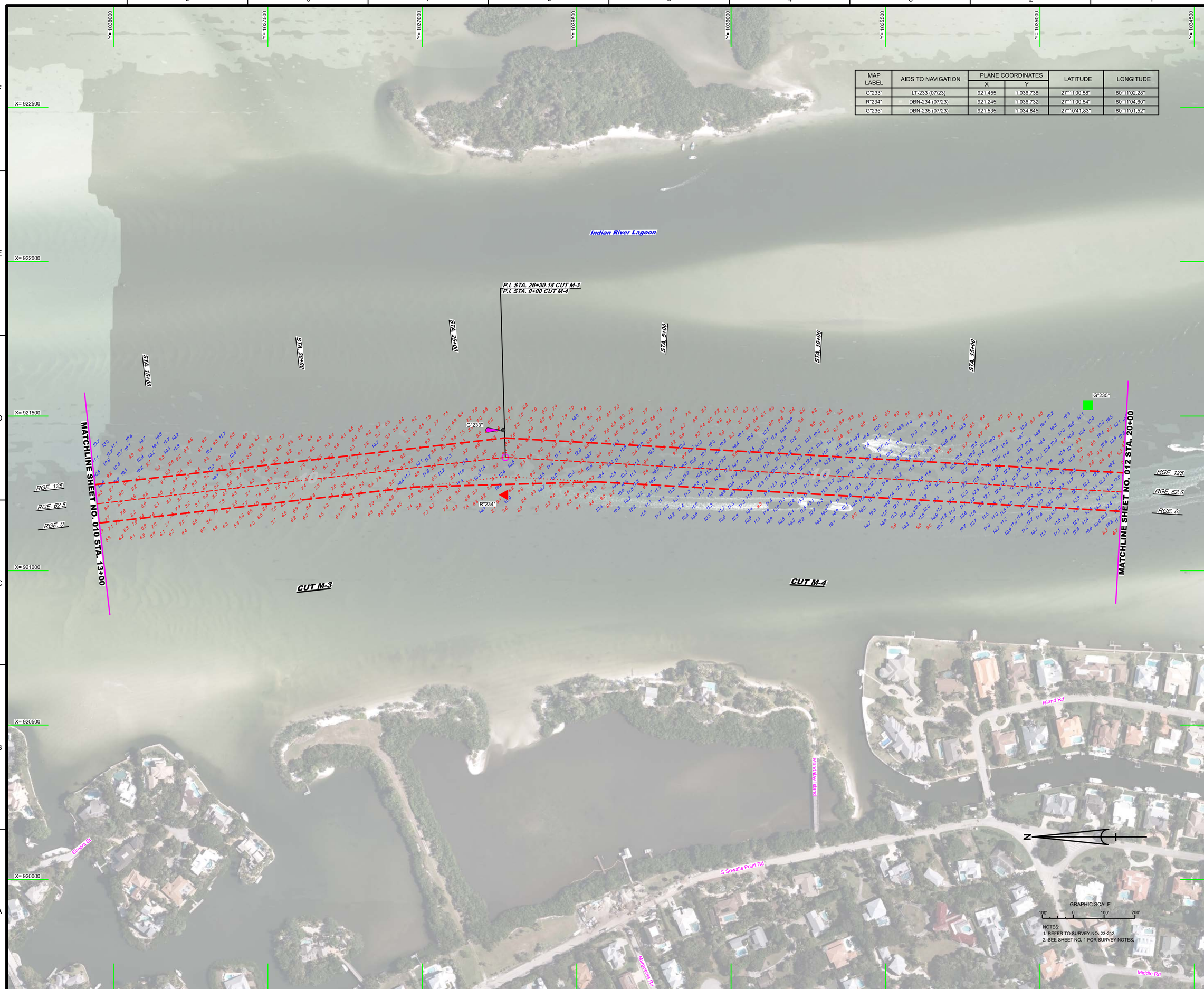
MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"233"	LT-233 (07/23)	921,455	1,036,738	27°11'00.58"	80°11'02.28"
R"234"	DBN-234 (07/23)	921,245	1,036,732	27°11'00.54"	80°11'04.60"
G"235"	DBN-235 (07/23)	921,535	1,034,845	27°10'41.83"	80°11'01.52"



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
Checked by: VRM
DWN by: VRM
Rev. No.: W912EP-XXX-XXXX
Date: AUG 2023

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
23-212-VHBNG_AERIAL.DGN
23-212-VHAR_ORTHO.DGN
23-212-VHSOUN_INVAAR.DGN
IWW-C-NGMCCF.DGN
23-212-KS-BS-BRDR_MAXRDS.DGN
Reference files:
23-212-VH011_MAXRDS.DGN
DB: nacmc

INTRACOASTAL WATERWAY / ST LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 13+00 CUT M-3 THRU STA. 20+00 CUT M-4

PLAN

Scale: AS SHOWN

Drawing no.

11 / 16

SHEET 11 OF 20

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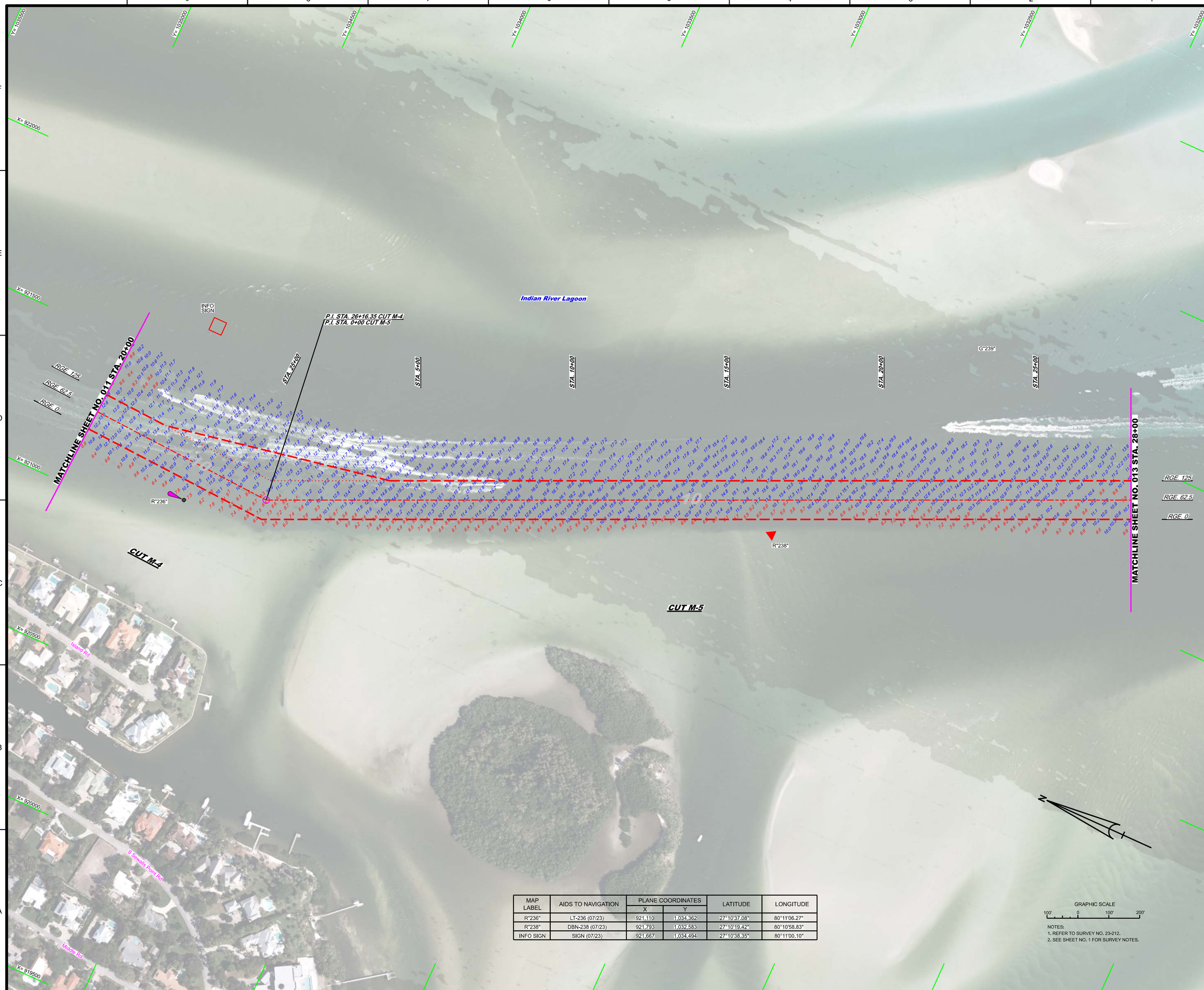

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"236"	LT-236 (07/23)	921,110	1,034,362	27°10'37.08"	80°11'06.27"
R"238"	DBN-238 (07/23)	921,793	1,032,583	27°10'19.42"	80°10'58.83"
INFO SIGN	SIGN (07/23)	921,667	1,034,494	27°10'38.35"	80°11'00.10"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-212.
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: VRM
DWN by: VRM
Rev. No.: W912EP-XX-X-XXX
Date: AUG 2023

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
23-212-VGBNG_AERIAL.DGN
23-212-VAIRD_AERIAL.DGN
23-212-VSOUN_IMAHAR.DGN
IWW-C-NGMCCF.DGN
23-212-S-BS-BRDR_MAxXRDS.DGN
Reference files:
23-212-VHH12_MAxXRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST LUCIE INLET / OWW
CROSSROADS TO SOUTH
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 20+00 CUT M-4 THRU STA. 28+00 CUT M-5

PLAN

Scale: AS SHOWN

Drawing no.

12 / 16

SHEET 12 OF 20

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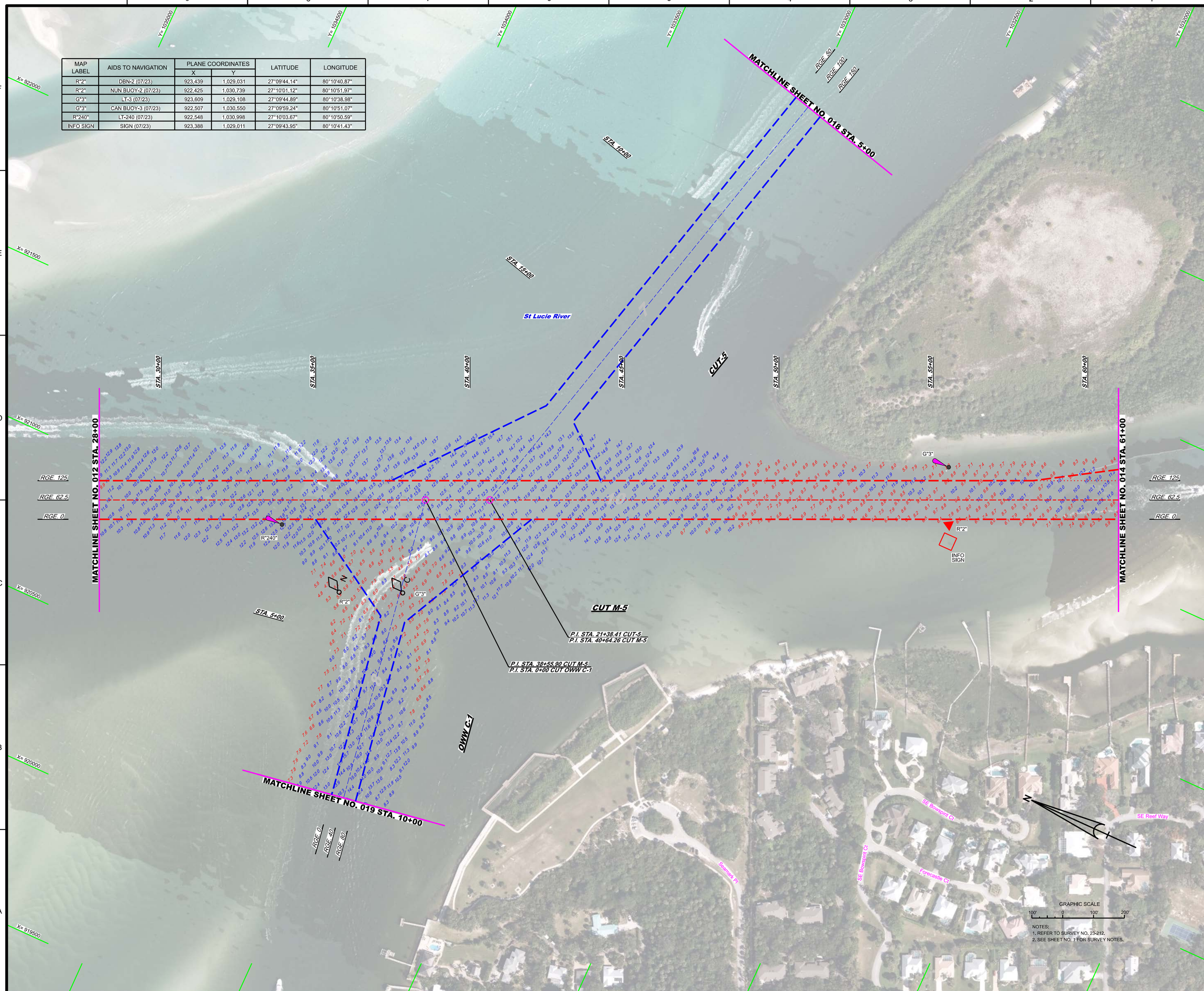
MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	DBN-2 (07/23)	923,439	1,029,031	27°09'44.14"	80°10'40.87"
R"2"	NUN BUOY-2 (07/23)	922,425	1,030,739	27°10'01.12"	80°10'51.97"
G"3"	LT-3 (07/23)	923,609	1,029,108	27°09'44.89"	80°10'38.98"
G"3"	CAN BUOY-3 (07/23)	922,507	1,030,550	27°09'59.24"	80°10'51.07"
R"240"	LT-240 (07/23)	922,548	1,030,998	27°10'03.67"	80°10'50.59"
INFO SIGN	SIGN (07/23)	923,388	1,029,011	27°09'43.95"	80°10'41.43"



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

Checked by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01FSEP-XXX-XXXX
Date: AUG 2023

23-212-H-CS-XXXX.DGN
23-212-XXXX-ACCEPTALL.DGN
23-212-C-NAV.DGN
23-212-H-SOUN_OWWC1.DGN
23-212-H-SOUN_CUT5-CUTM5.DGN
SL-1 AND OWW C-1 TS1-3-AACCF.DGN
IWW-C-NGMCCF.DGN
23-212-C-BS-BRDR_MA-XRDS.DGN
Reference files:
23-212-VH-013_MA-XRDS.DGN
File: 13.dgnmc

INTRACOASTAL WATERWAY, ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 23+00 THRU STA. 61+00 CUT M-5
PLAN

Scale: AS SHOWN

Drawing no.
13 / 16

SHEET 13 OF 20

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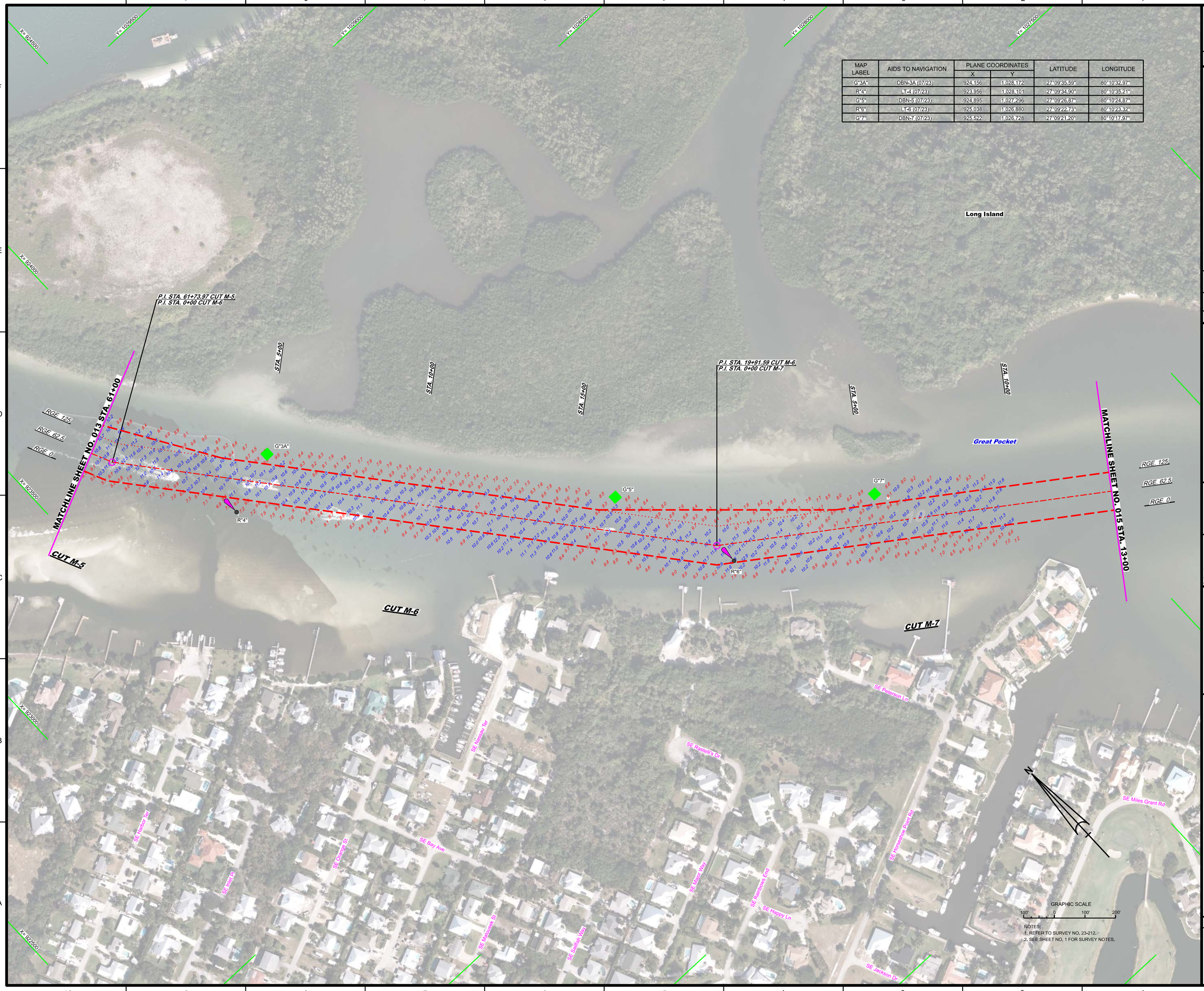
MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"3A"	DBN-3A (07/23)	924,156	1,028,172	27°09'35.59"	80°10'32.97"
R"4"	LT-4 (07/23)	923,956	1,028,101	27°09'34.90"	80°10'35.21"
G"5"	DBN-5 (07/23)	924,895	1,027,296	27°09'26.87"	80°10'24.87"
R"6"	LT-6 (07/23)	925,038	1,026,880	27°09'22.73"	80°10'23.32"
G"7"	DBN-7 (07/23)	925,522	1,026,728	27°09'21.20"	80°10'17.97"



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: WRM
DWN by: WRM
Cad by: GMR
Rev. No. W912EP-XX-X-XXXX
Dated: AUG 2023

XXXXXXXX-X-X-XXXXXX.DGN
XXXXXXXX-X-X-XXXXXX.DGN
23-212-V-BING_AERIAL.DGN
23-212-V-SCUBA_IMY.DGN
23-212-V-SCUBA_IMY-MAR.DGN
IMW-C-NGMCCF.DGN
23-212-G-BS-BRDR_MA-XRDS.DGN
Reference files:
23-212-V1-014_MA-XRDS.DGN
File name:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 61+00 CUT M-5 THRU STA. 13+00 CUT M-7
PLAN

Scale: AS SHOWN

Drawing no.
14 / 16

SHEET 14 OF 20

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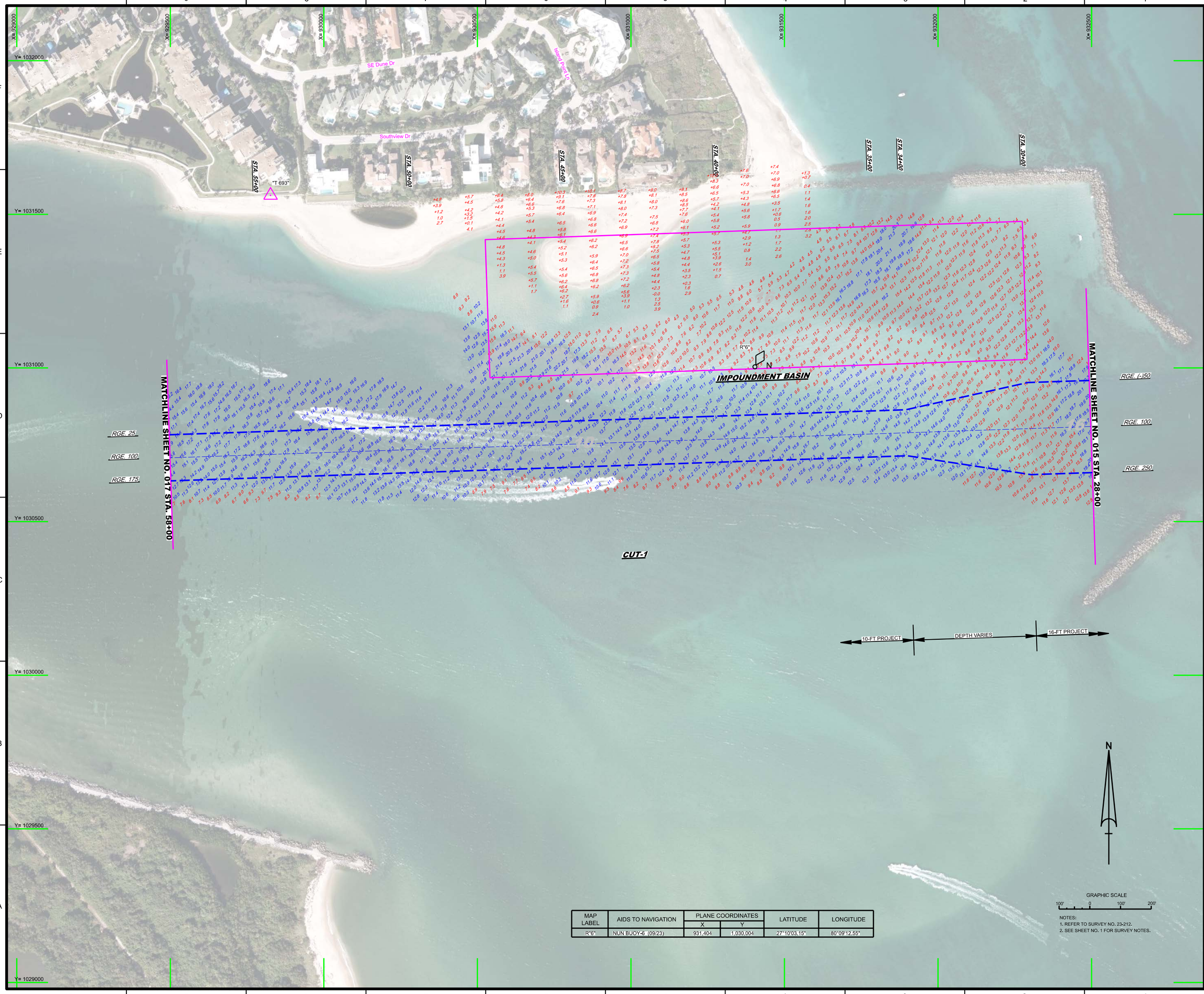

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"6"	NUN BUOY-6 (09/23)	931,404	1,030,004	27°10'03.15"	80°09'12.55"

NOTES:
1. REFER TO SURVEY NO. 23-212.
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: WRM
DWN by: WRM
Rev. No.: V91/2EP-XX-XX-XXX
Date: AUG 2023

23-215-V-BING_AERIAL.DGN
23-212-V-NAV.DGN
23-212-V-CUT-1-ALL-CUTS.DGN
23-212-V-TOPO_AVES.DGN
SLI AND OWW(CUTS 1-3)-MCDF.DGN
23-212-DS-BRDR_MA-XRDS.DGN
Reference files:
23-212-VH-016_MA-XRDS.DGN
Rev. numbers:

INTRACOASTAL WATERWAY / ST. LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT

STA. 28+00 THRU STA. 58+00 CUT-1 & IMPOUNDMENT BASIN

PLAN

Scale: AS SHOWN

Drawing no.

15 / 16

SHEET 16 OF 20

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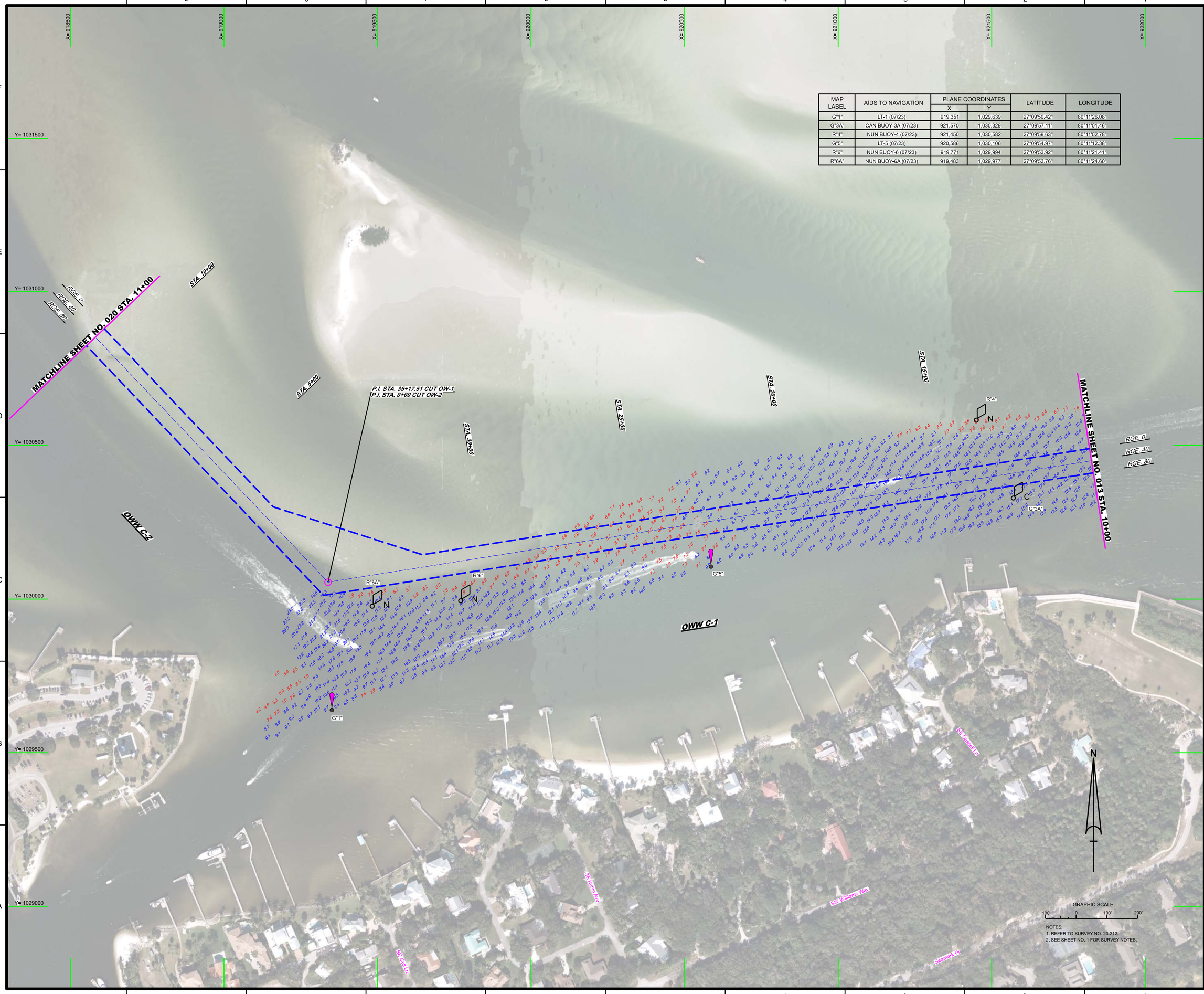
MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	LT-1 (07/23)	919,351	1,029,639	27°09'50.42"	80°11'26.08"
G"3A"	CAN BUOY-3A (07/23)	921,570	1,030,329	27°09'57.11"	80°11'01.46"
R"4"	NUN BUOY-4 (07/23)	921,450	1,030,582	27°09'59.63"	80°11'02.78"
G"5"	LT-5 (07/23)	920,586	1,030,106	27°09'54.97"	80°11'12.38"
R"6"	NUN BUOY-6 (07/23)	919,771	1,029,994	27°09'53.92"	80°11'21.41"
R"6A"	NUN BUOY-6A (07/23)	919,483	1,029,977	27°09'53.76"	80°11'24.60"



NOTES:
1. REFER TO SURVEY NO. 23-212.
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
Checked by: WRM
DWN by: WRM
Fm. No. V01T2EP-XXX-XXXX
Date: JUL 2023

23-212-A-BRNG_AERIAL.DGN
23-212-A-SOUN_OWW-C1.DGN
23-212-A-SOUN_OWW-C2.DGN
SLI AND OWW CUTS 1-3 AMCCF.DGN
23-212-B-BR-BRGR_MA-XRGS.DGN
Reference files:
23-212-V-Ha019_MA-XRGS.DGN
File name:

INTRACOASTAL WATERWAY ST LUCIE INLET / OWW
MARTIN COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
8 AND 10-FOOT PROJECT
STA. 10+00 CUT OW-1 THRU STA. 11+00 CUT OW-2

PLAN

Scale: AS SHOWN

Drawing no.

16 / 16

SHEET 19 OF 20

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