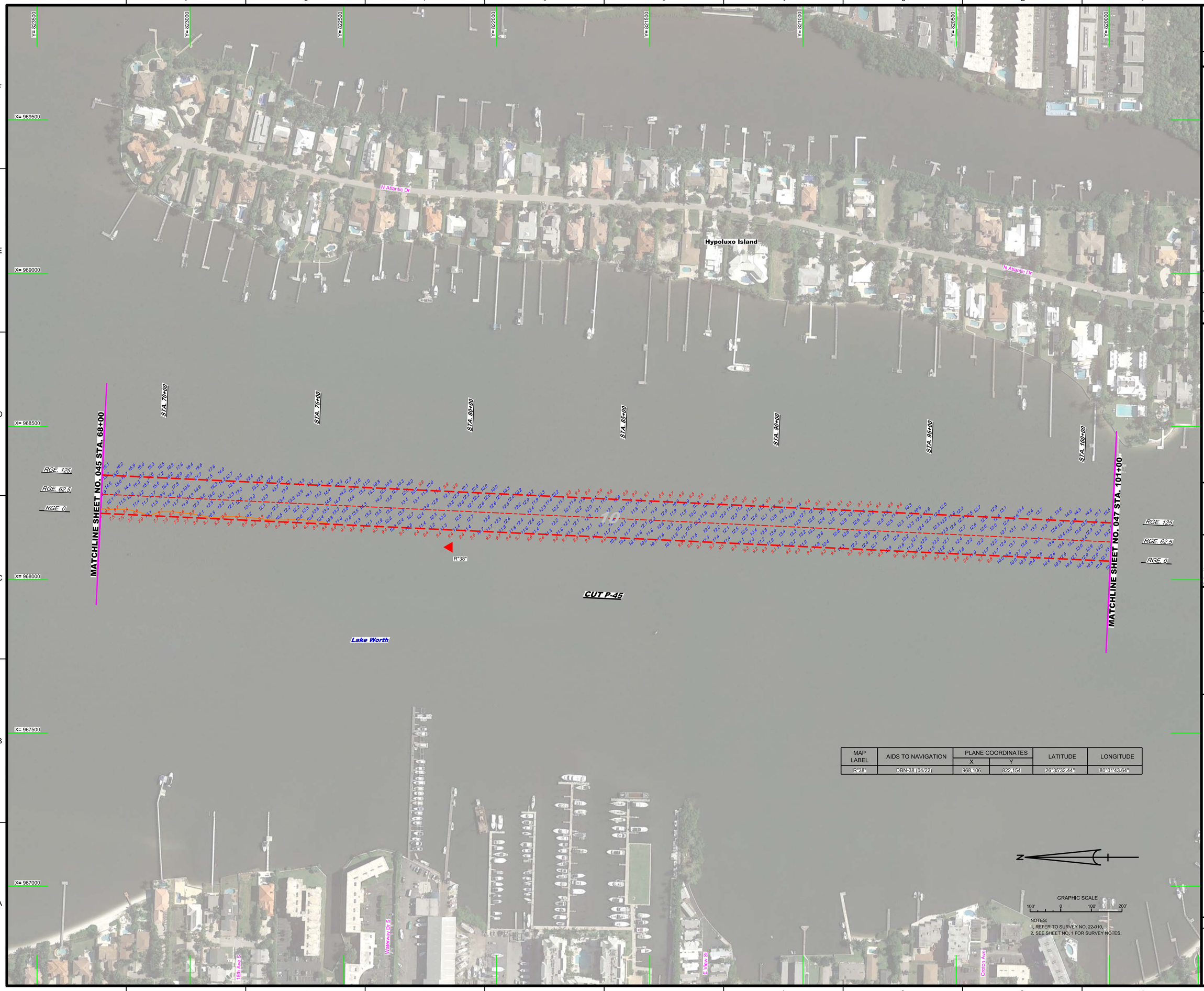


MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"38"	DBN-38 (04/22)	968,106	822,154	26°35'32.44"	80°01'43.64"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 22-010.
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. V9123EP-XX-X-XXXX
Date: APR 2022

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
22-010-A-NAV.DGN
22-010-A-SOUND.DGN
22-010-A-SOUN_P-45.DGN
NWW-CANGMCCF.DGN
22-010-C-ES-BRDR_PB.DGN
Reference files:
22-010-VH-045_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 68+00 THRU STA. 101+00 CUT P-45

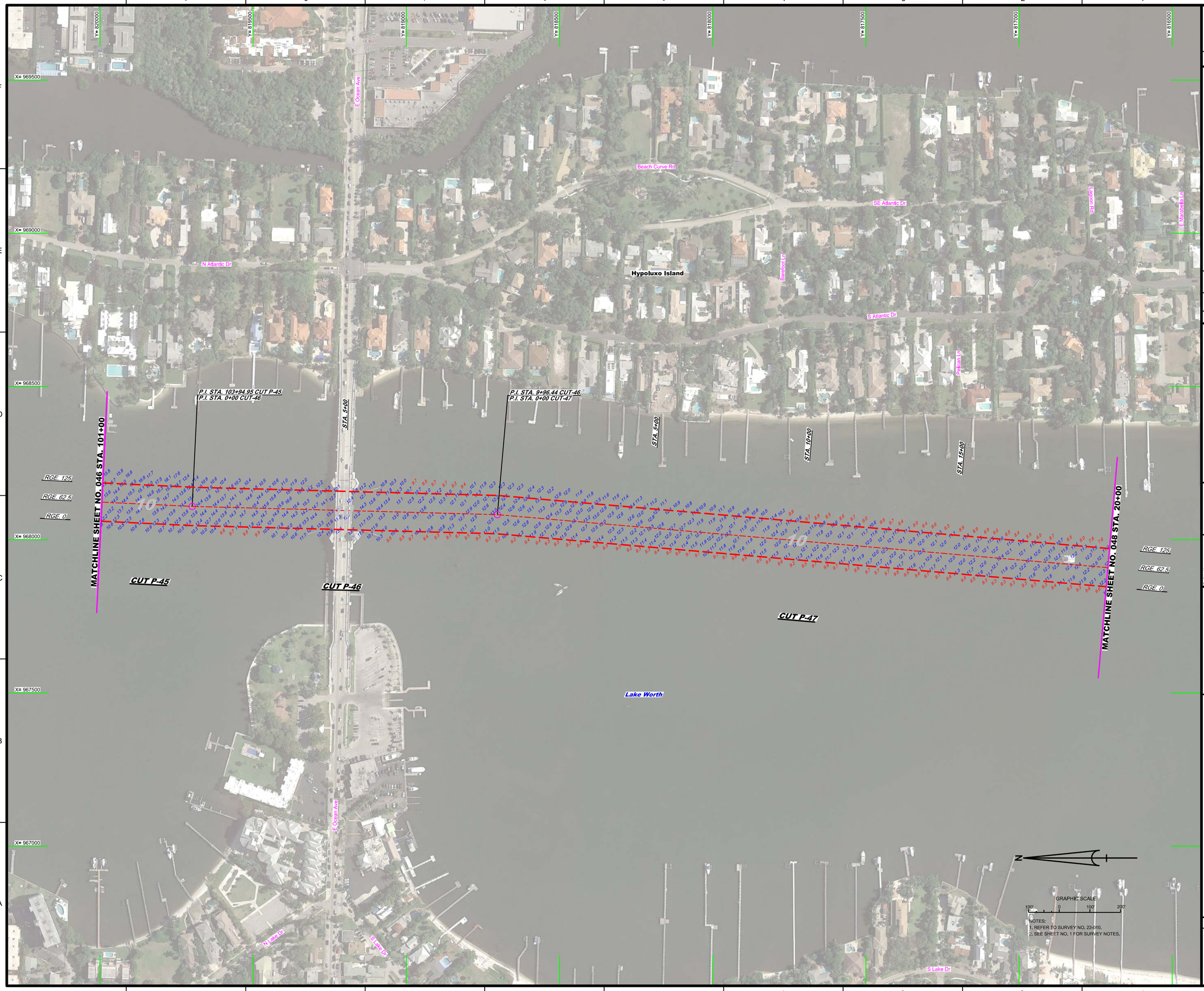
PLAN

Scale: AS SHOWN

Drawing no.

46

SHEET 46 OF 76



NOTES:
1. REFER TO SURVEY NO. 22-010.
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. V9123EP-XX-X-XXXX
Date: APR 2022

22-010-V-SOUN_P-45.DGN
22-010-V-SOUN_P-46.DGN
22-010-V-SOUN_P-47.DGN
NWW-CANGMCCF.DGN
22-010-C-BS-BRDR_PB.DGN
Reference files:
22-010-VH-047_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 101+00 CUT P-45 THRU STA. 20+00 CUT P-47

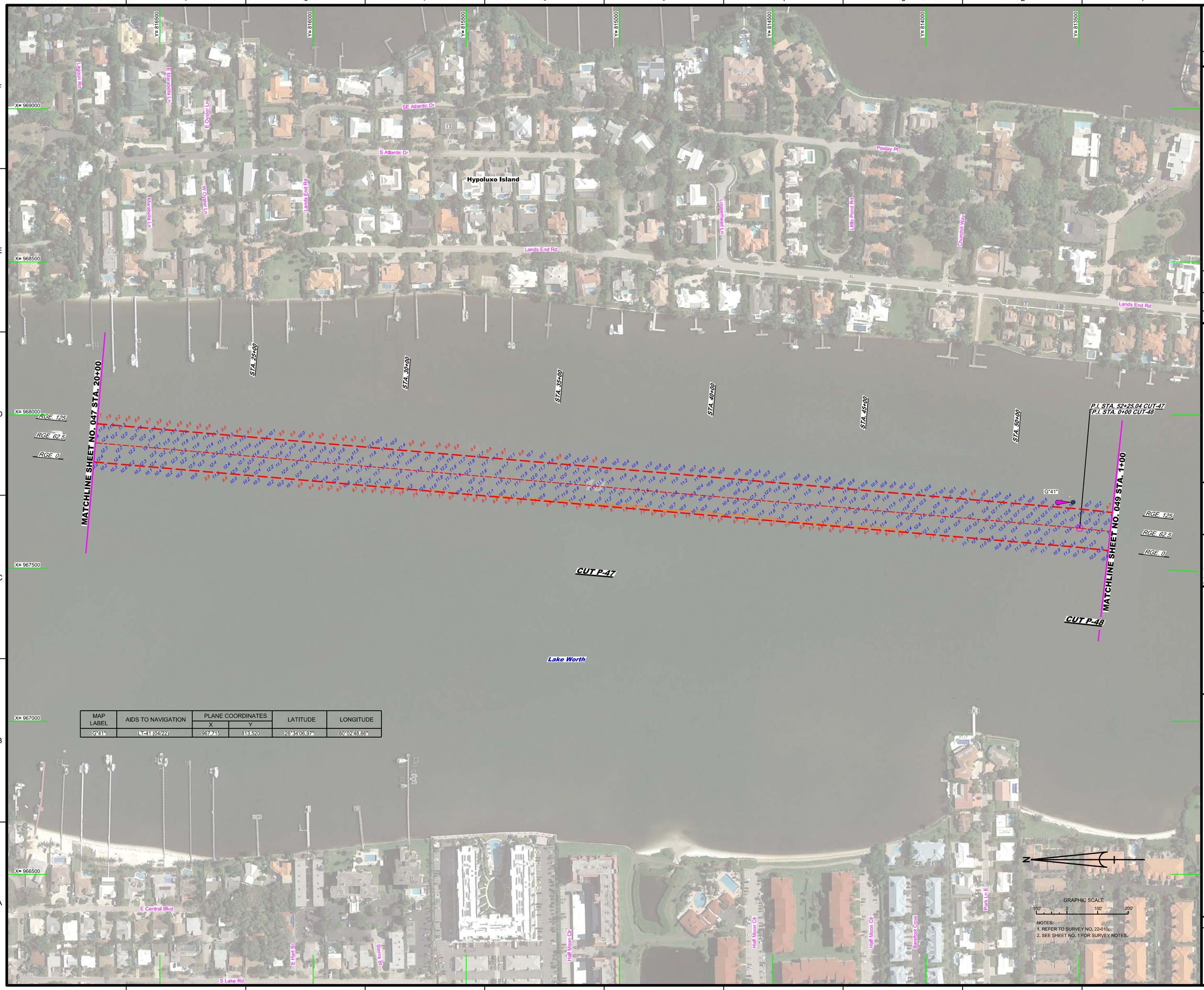
PLAN

Scale: AS SHOWN

Drawing no.

47

SHEET 47 OF 76



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"41"	LT-41 (04/22)	967,715	813,520	26°34'06.97"	80°02'48.66"

NOTES:
1. REFER TO SURVEY NO. 22-010.
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: GR
Designed by: WRM
DWN by: WRM
Rev. No. V91/2ESP-XXX-X-XXXX
Date: APR 2022

Reference files:
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
22-010-VONAV.DGN
22-010-VC-CON10.DGN
22-010-VC-SCUT_P-47.DGN
22-010-VC-SCUT_P-48.DGN
IWW-C-NGMCCF.DGN
22-010-CABE-BRGR_PB.DGN
22-010-VH-J46_PB.DGN

File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 20+00 CUT P-47 THRU STA. 1+00 CUT P-48

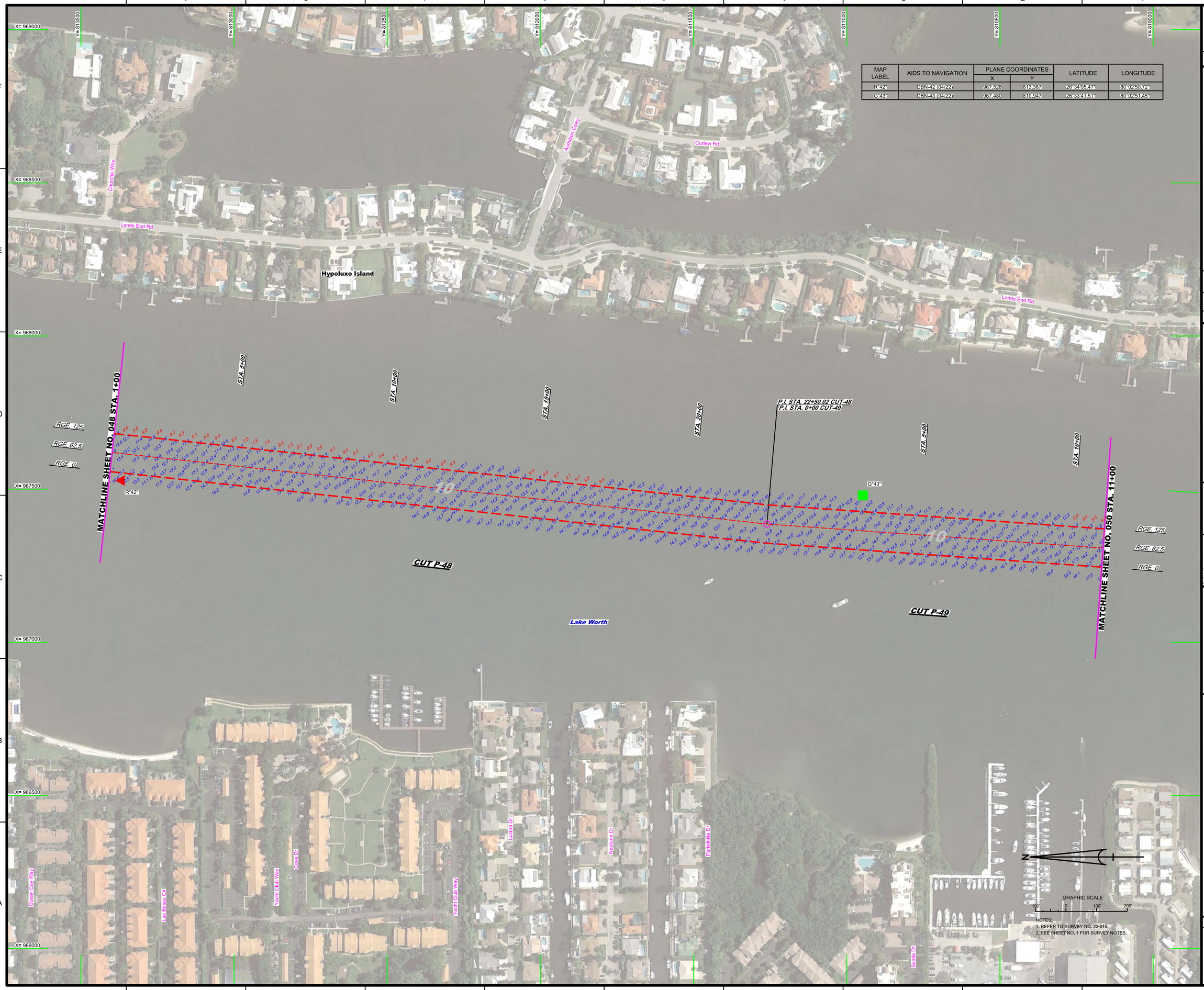
PLAN

Scale: AS SHOWN

Drawing no.

48

SHEET 48 OF 76



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"42"	DBN-42 (04/22)	967,528	813,367	26°34'05.47"	80°02'50.72"
G"43"	DBN-43 (04/22)	967,480	810,947	26°33'41.51"	80°02'51.45"

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: GR
Designed by: WRM
DWN by: WRM
Rev. No.: V91/2ESP-XXX-X-XXXX
Date/c: APR 2022

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
22-010-A-NAV.DGN
22-010-A-SCUT_P-48.DGN
22-010-A-SCUT_P-49.DGN
IWW-C-NGMCCF.DGN
22-010-C-BESBRGR_PB.DGN
22-010-VH-HG_PB.DGN

File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 1+00 CUT P-48 THRU STA. 11+00 CUT P-49

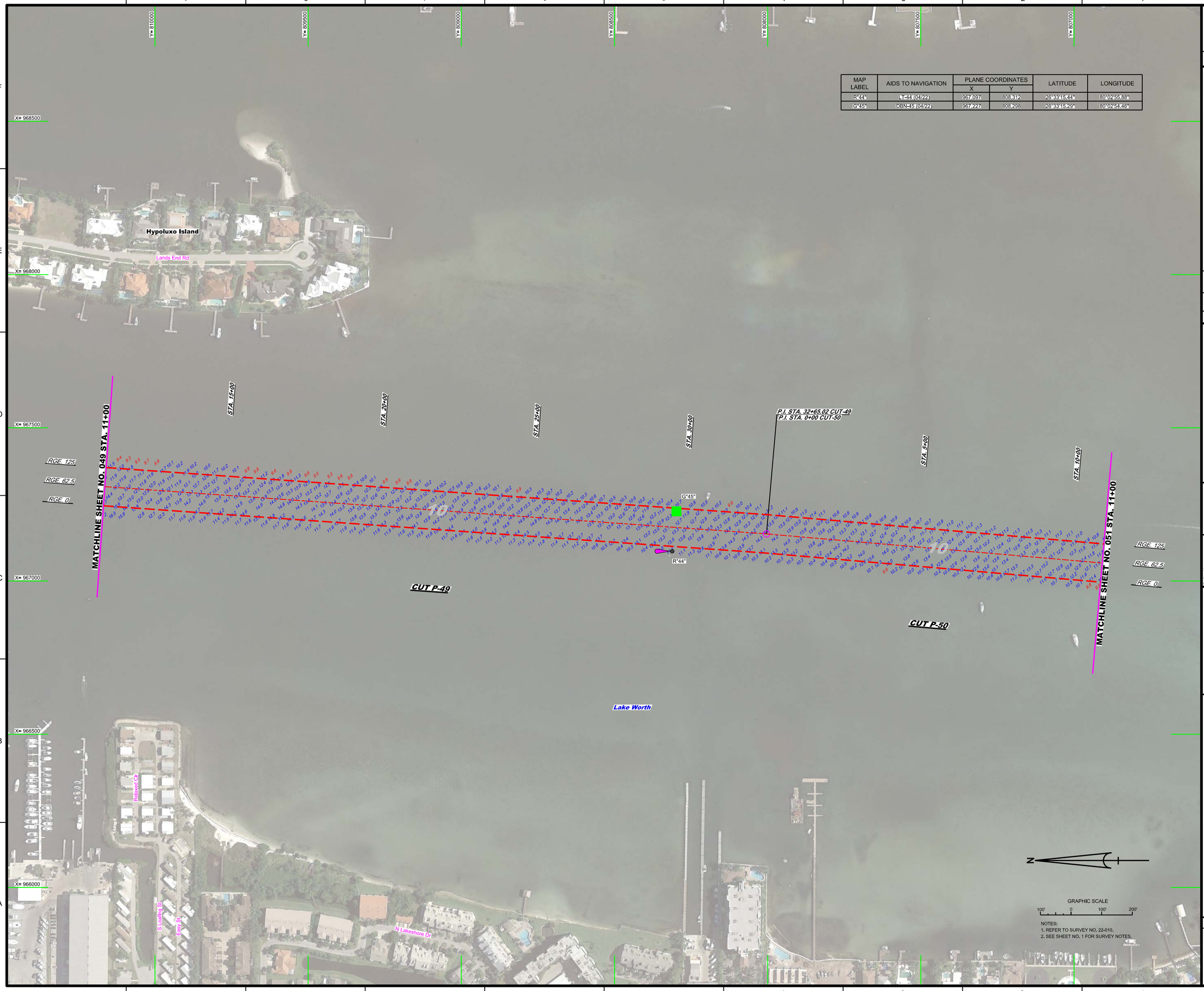
PLAN

Scale: AS SHOWN

Drawing no.

49

SHEET 49 OF 76



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"44"	LT-44 (04/22)	967,097	808,312	26°33'15.44"	80°02'55.88"
G"45"	DBN-45 (04/22)	967,227	808,298	26°33'15.29"	80°02'54.46"

NOTES:
1. REFER TO SURVEY NO. 22-010.
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: GR
Designed by: VIRM
DWN by: VIRM
Rev. No. V9123EP-XX-X-XXXX
Date: APR 2022

XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
22-010-A-NAV.DGN
22-010-A-SOUN_P-46.DGN
22-010-A-SOUN_P-50.DGN
NWW-CANGMCCF.DGN
22-010-C-ES-BRDR_PB.DGN
Reference files:
22-010-VH-050_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 11+00 CUT P-49 THRU STA. 11+00 CUT P-50

PLAN

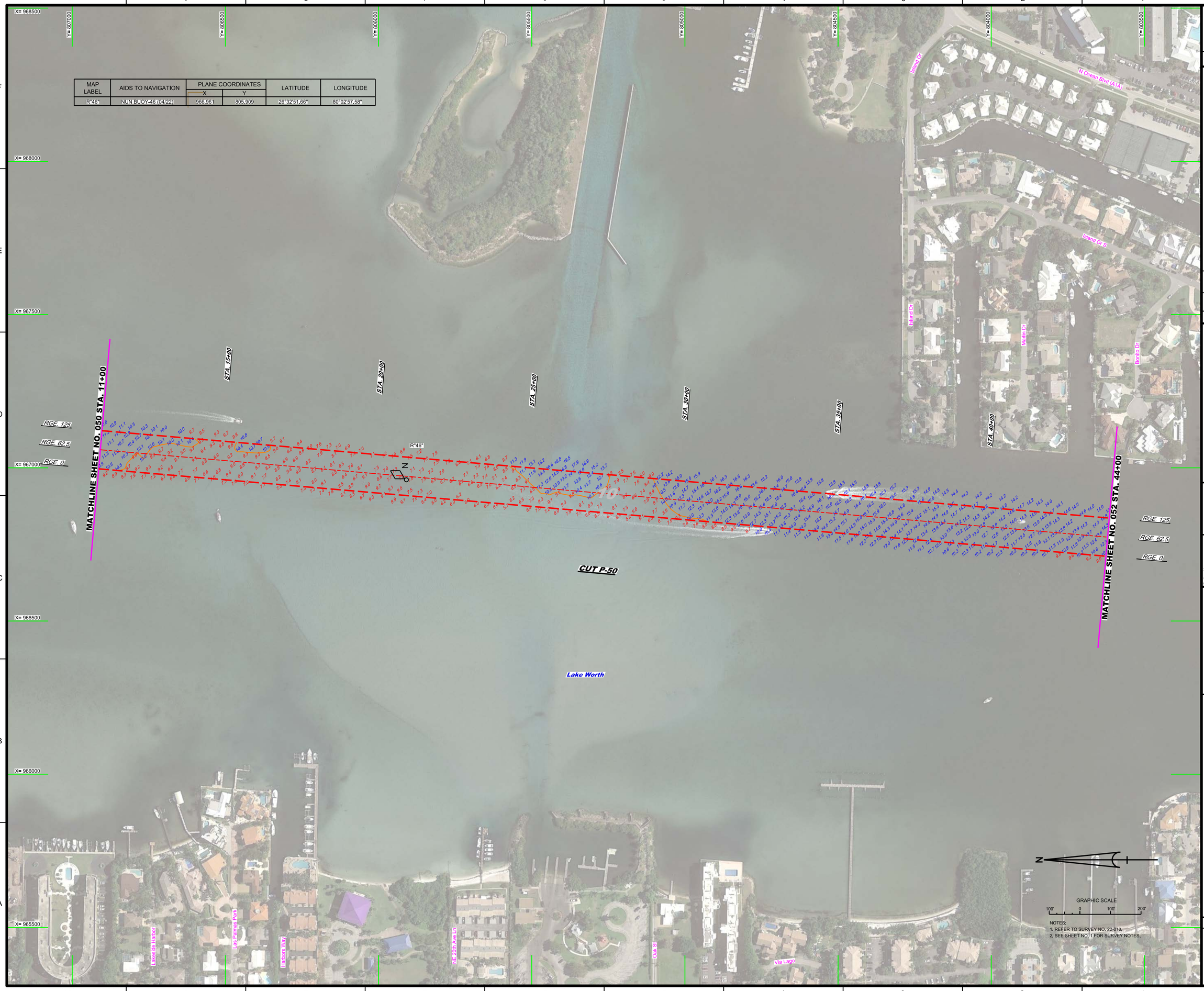
Scale: AS SHOWN

Drawing no.

50

SHEET 50 OF 76

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
R"46"	NUN BUOY-46 (04/22)	966,961	805,909	26°32'51.66"	80°02'57.58"



NOTES:
1. REFER TO SURVEY NO. 22-010.
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: APR 2022

X:\XXXXXXX-XXXXX-DGN\
XXXXXXXX-XXXXXXX-DGN\
XXXXXXXX-XXXXXXX.DGN
22-010-MAV.DGN
22-010-SOUN_P50.DGN
22-010-SOUN_P50_LDGN
IWW-CONGMOF.DGN
22-010-BR-BRDR_PB.DGN
Reference files:
22-010-VH051_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 11+00 THRU STA. 44+00 CUT P-50

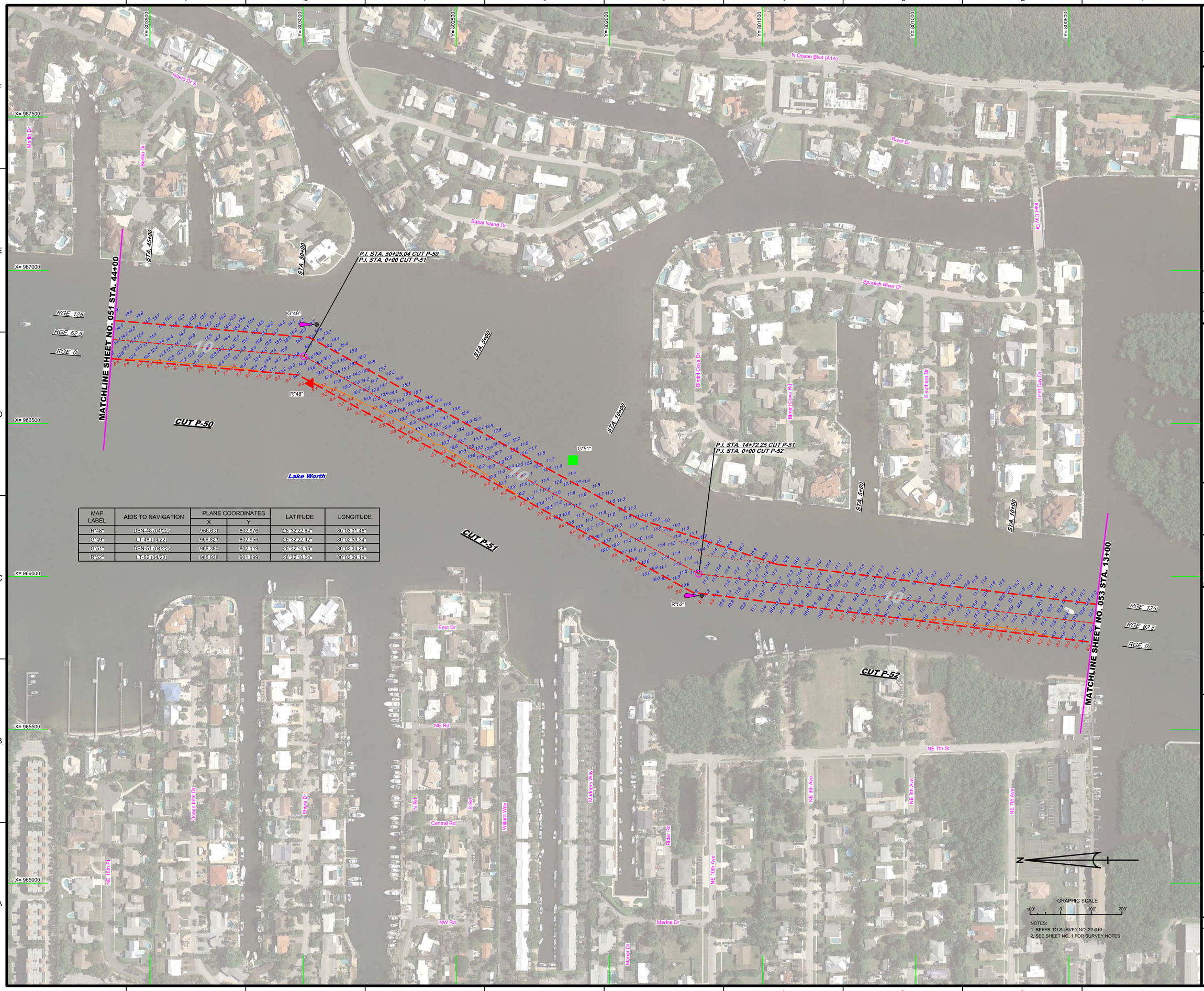
PLAN

Scale: AS SHOWN

Drawing no.

51

SHEET 51 OF 76



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"48"	DBN-48 (04/22)	966,631	802,976	26°32'22.64"	80°03'01.46"
G"49"	LT-49 (04/22)	966,823	802,956	26°32'22.42"	80°02'59.34"
G"51"	DBN-51 (04/22)	966,380	802,119	26°32'14.16"	80°03'04.28"
R"52"	LT-52 (04/22)	965,938	901,699	26°32'10.04"	80°03'09.19"

NOTES:
1. REFER TO SURVEY NO. 22-010.
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: GR
Designed by: VIRM
DWN by: VIRM
Rev. No. V01FSEP-XXX-XXXX
Date: APR 2022

XXXXXXXXXXXXXXXXXXXX.DGN
22-010-A-MAIN.DGN
22-010-V-CON1.DGN
22-010-V-CON10.DGN
22-010-V-SOUN_P-50.DGN
22-010-V-SOUN_P-51.DGN
22-010-V-SOUN_P-52.DGN
IWW-C-NGMCCF.DGN
22-010-C-ESHBDR_PB.DGN
Reference files:
22-010-V-H052_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 44+00 CUT P-50 THRU STA. 13+00 CUT P-52

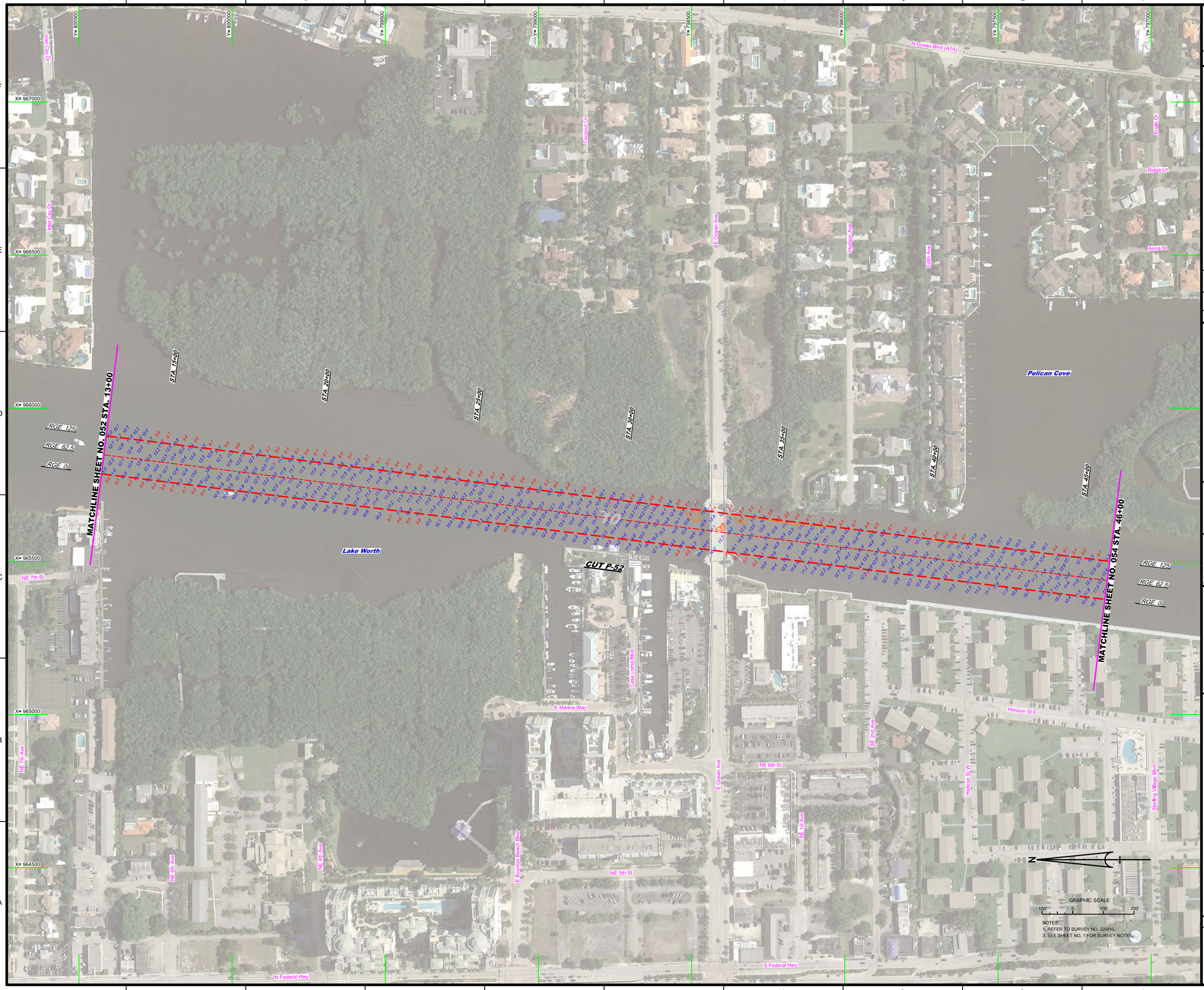
PLAN

Scale: AS SHOWN

Drawing no.

52

SHEET 52 OF 76



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
Drawn by: VIRM
Checked by: GR
Rev. No.: V0912EP-XX-X-XXXX
Date: APR 2022

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
22-010-XXXXXXXXX.DGN
22-010-VH-SOUN_P-52.DGN
IWW-CANGMCCF.DGN
22-010-CES-SPIDR_PB.DGN
Reference files:
22-010-VH-053_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 13+00 THRU STA. 46+00 CUT P-52

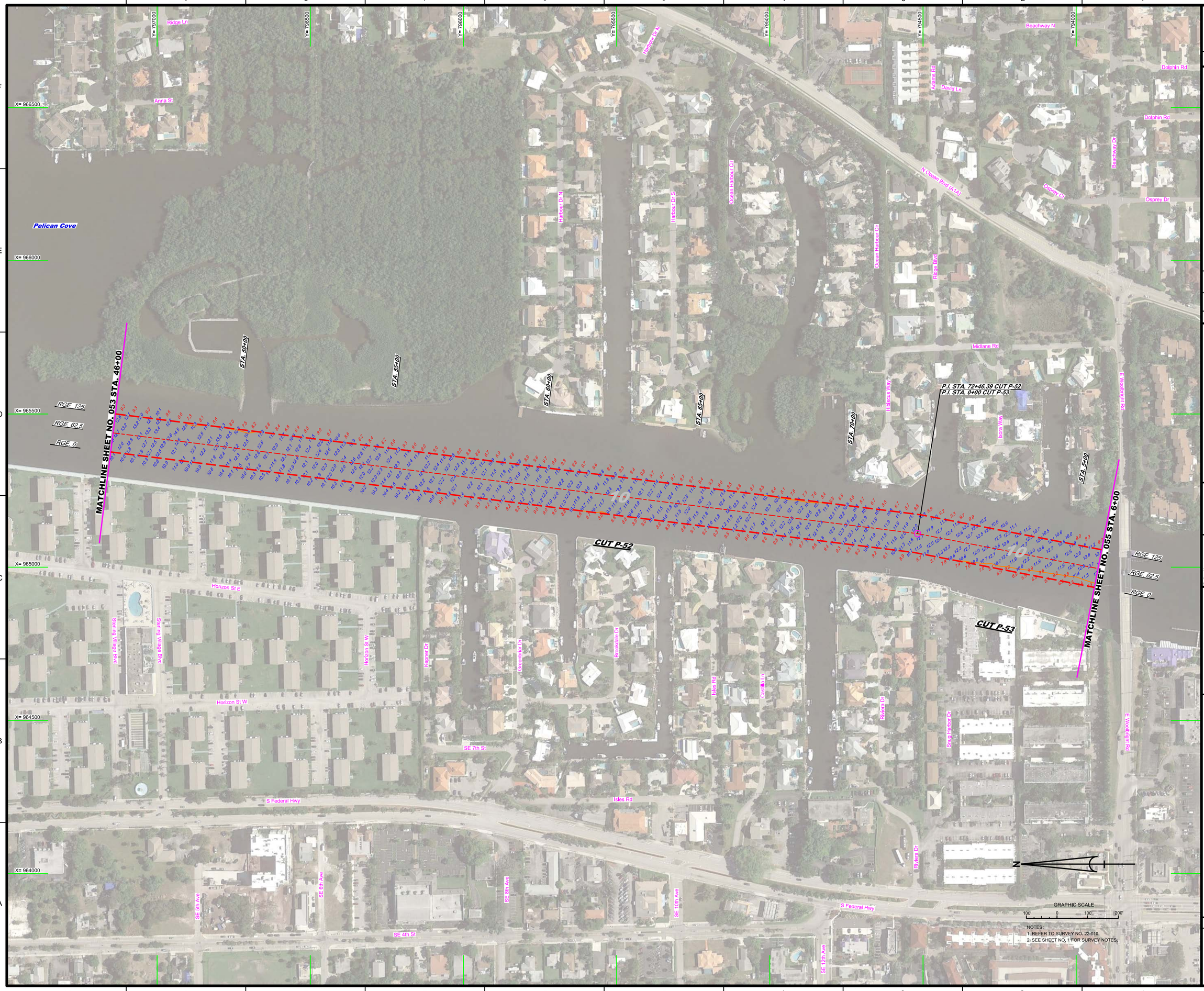
PLAN

Scale: AS SHOWN

Drawing no.

53

SHEET 53 OF 76



NOTES:
1. REFER TO SURVEY NO. 22-010.
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
Fm. No. V8312EP-XX-XX-XXX
Date: APR 2022

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
22-010A-CON10.DGN
22-010A-SOUN_P-52.DGN
22-010A-SOUN_P-53.DGN
IWW-C-CNGMCF.DGN
22-010c-EB-BRDR_PB.DGN
Reference files
22-010-VHD54_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 46+00 CUT P-52 THRU STA. 6+00 CUT P-53

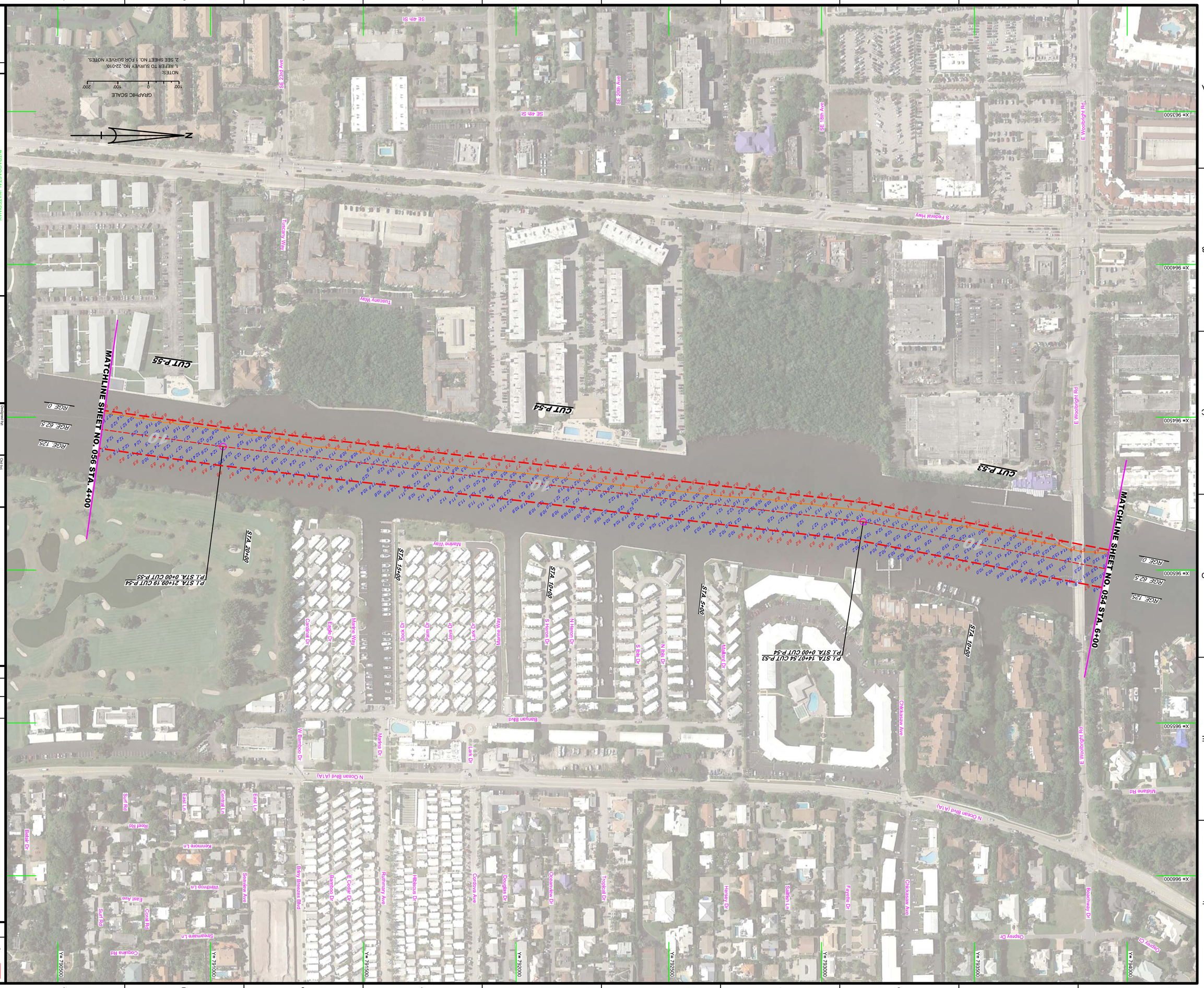
PLAN

Scale: AS SHOWN

Drawing no.

54

SHEET 54 OF 76



INTRACOASTAL WATERWAY
JACKSONVILLE, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 6+00 CUT P-53 THRU STA. 4+00 CUT P-55

PLAN

Designed by:	WRM
Drawn by:	WRM
Checked by:	GMR
Trv. No.:	W912EP-XX-XXXXX
Date:	APR 2022

XXXXXXXX-XX-XXXXXX.DGN
22-010-CON10.DGN
22-010-SOUN_P-53.DGN
22-010-SOUN_P-54.DGN
22-010-SOUN_P-55.DGN
IWW-HCMCF.DGN
22-010-CABS-BRDR_PB.DGN
Reference files:
22-010-WH-055_PB.DGN
File name:

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

No.	Symbol	Zone

US Army Corps of Engineers
Jacksonville District

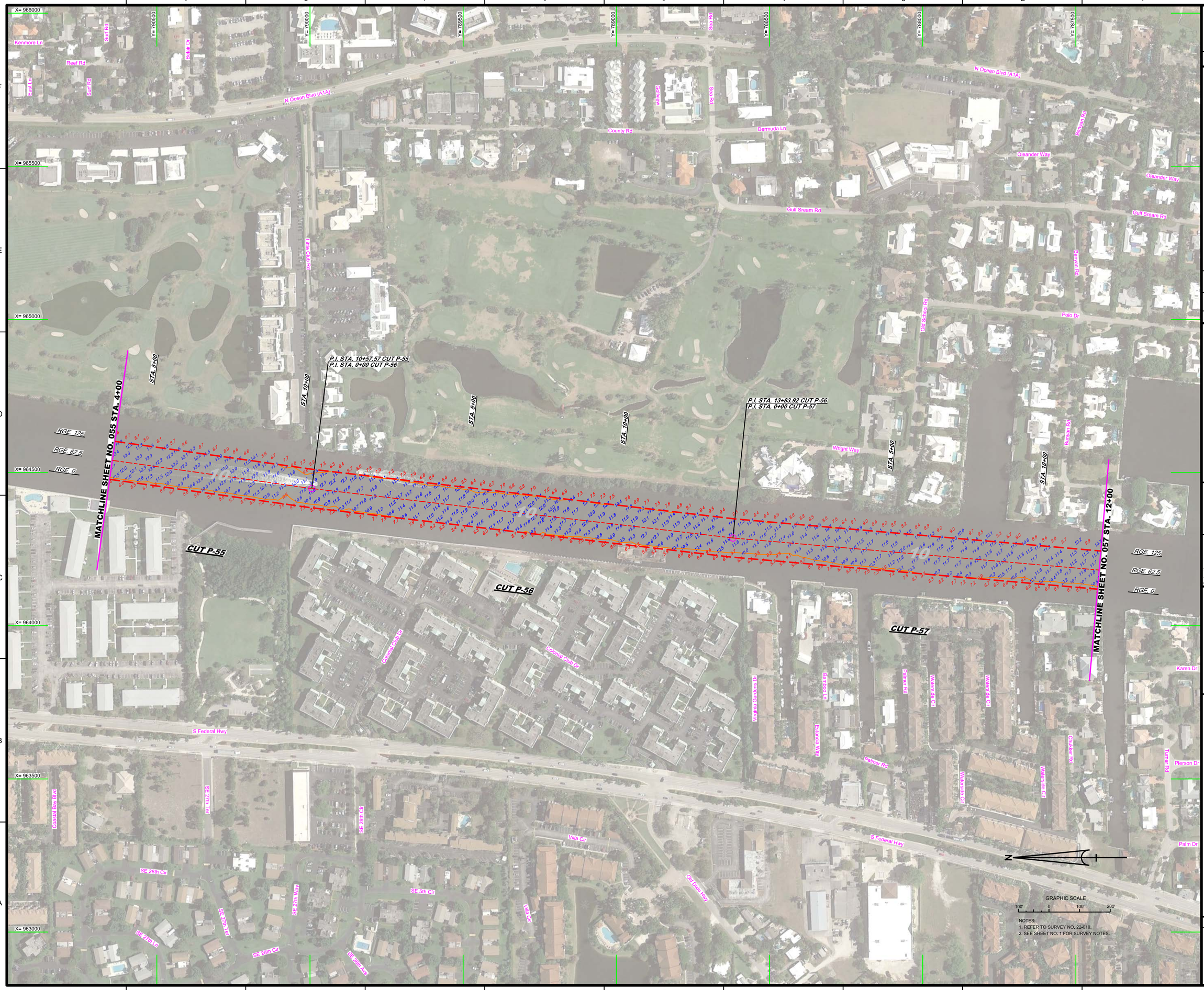
SAFETY ON THIS JOB DEPENDS ON YOU

Scale: AS SHOWN

Drawing no.

55

SHEET 55 OF 76



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: WBM
Drawn by: WBM
Checked by: GMR
Inv. No.: W912EF-XX-X-XXXX
Dated: APR 2022

Reference files:
XXXXXXXX-XX-XXXXXX.DGN
22-010-A-CONT0.DGN
22-010-A-SOUN_P-55.DGN
22-010-A-SOUN_P-56.DGN
22-010-A-SOUN_P-57.DGN
BWW-CAGMCCF.DGN
22-010-C-BS-BRDR_PB.DGN
22-010-H-P-056_PB.DGN
For notes:

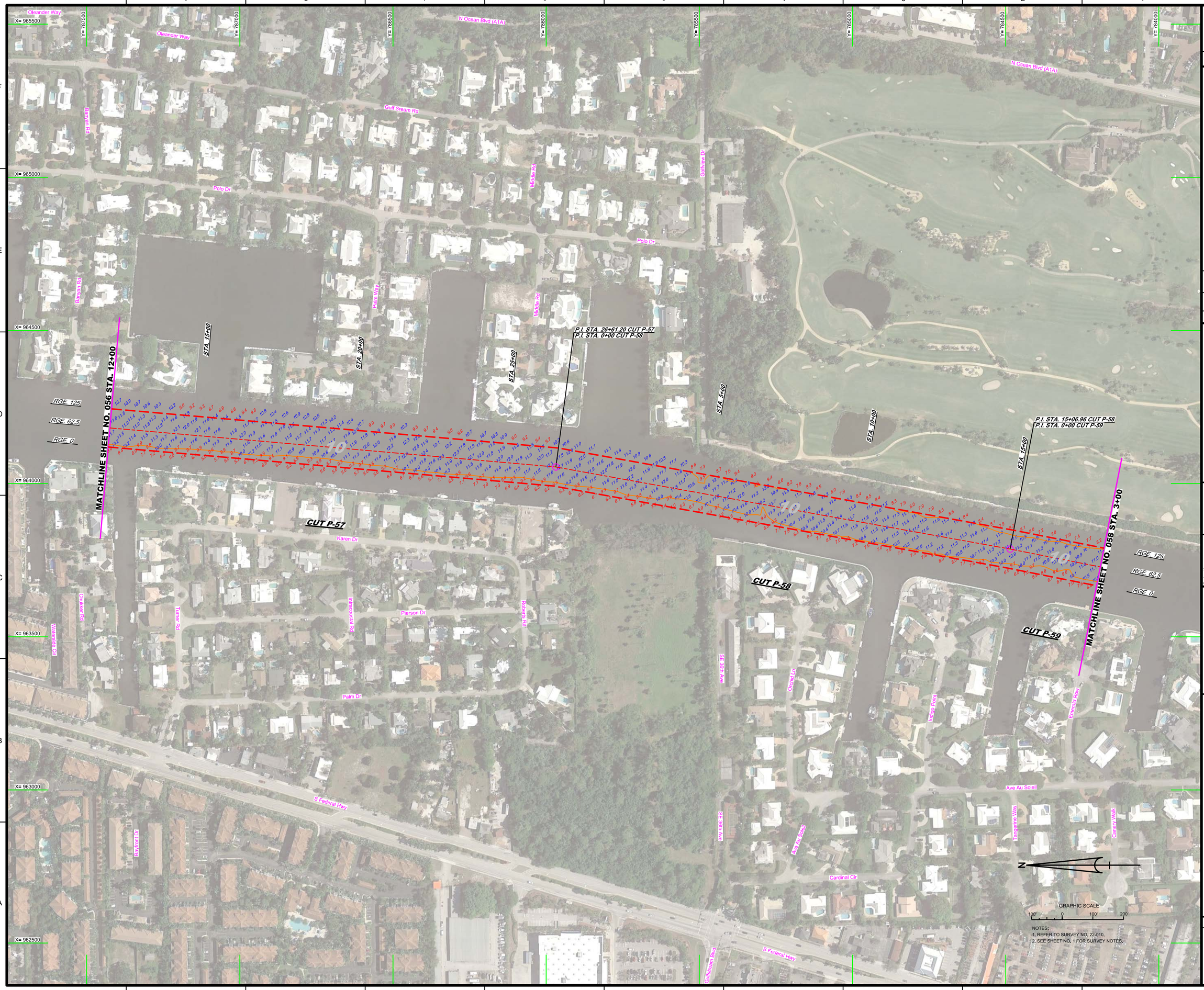
INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT
STA. 4+00 CUT P-55 THRU STA. 12+00 CUT P-57
PLAN

Scale: AS SHOWN

Drawing no.
56

SHEET 56 OF 76



NOTES:
1. REFER TO SURVEY NO. 22-010.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: WRM
Drawn by: WRM
Checked by: GMR
Rev. No.: V91/2ESP-XXX-X-XXXX
Date: APR 2022

Reference files:
XXXXXXXX-X-XXXXXX.DGN
22-010-VICCONTR.DGN
22-010-X-SOUN_P-57.DGN
22-010-X-SOUN_P-58.DGN
22-010-X-SOUN_P-59.DGN
IWW-C-NGMCCF.DGN
22-010-CABS-BRDR_PB.DGN

File name: 22-010-VH-057_PB.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 12+00 CUT P-57 THRU STA. 3+00 CUT P-59

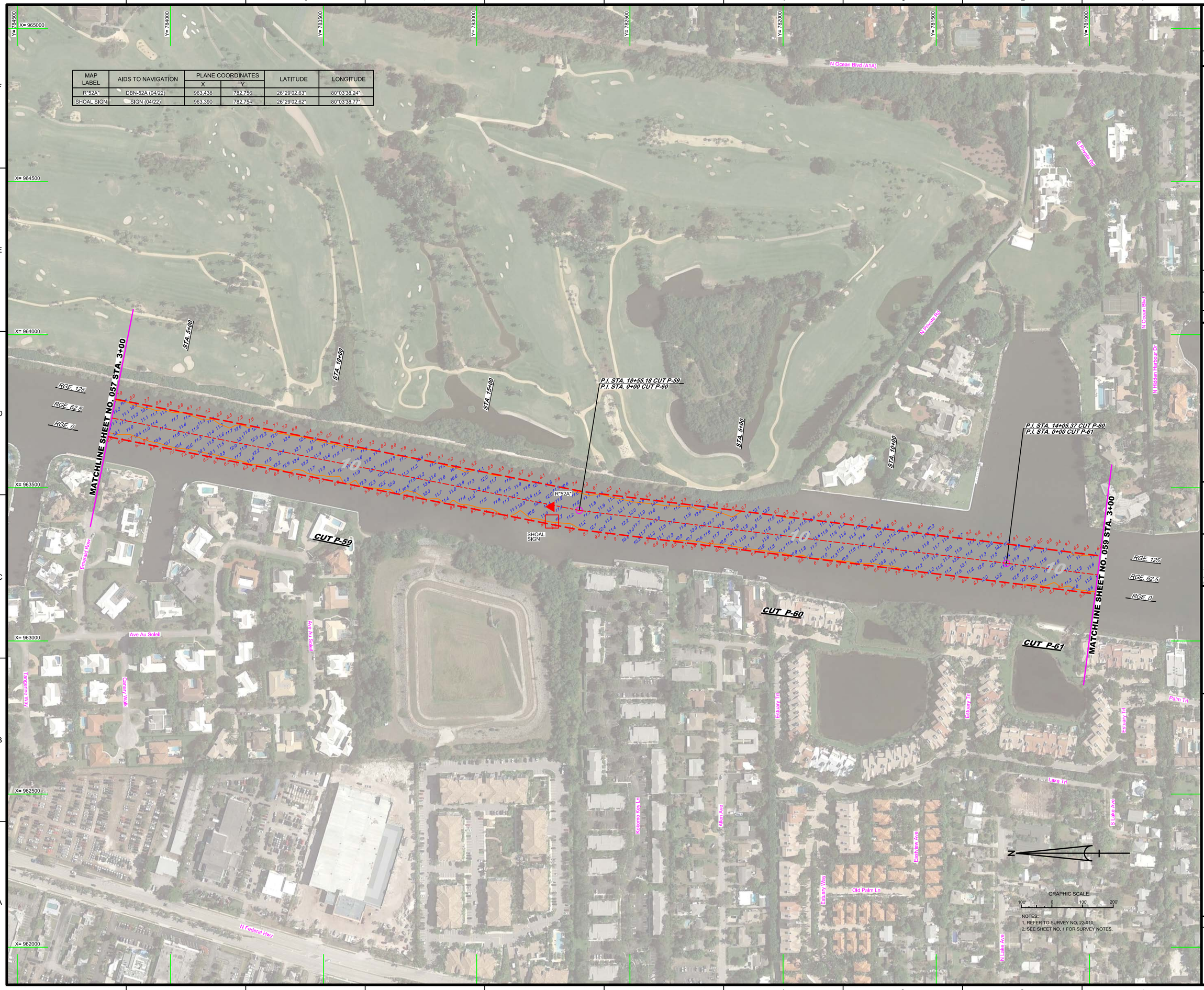
PLAN

Scale: AS SHOWN

Drawing no.
57

SHEET 57 OF 76

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"52A"	DBN-52A (04/22)	963,438	782,756	26°29'02.63"	80°03'38.24"
SHOAL SIGN	SIGN (04/22)	963,390	782,754	26°29'02.62"	80°03'38.77"



NOTES:
1. REFER TO SURVEY NO. 22-010.
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: GMB
Rev. No. V01FSFF-XX-X-XXXX
Date: APR 2022

XXXXXXXXXXXXXXXXXXXXXXXX.DGN
22-010-A-MAP-XXXXXXXX.DGN
22-010-V-CONTOUR.DGN
22-010-V-SOUN_P-59.DGN
22-010-V-SOUN_P-60.DGN
22-010-V-SOUN_P-61.DGN
IWW-C-NGWCCF.DGN
22-010-C-ESHBRDR_PB.DGN
Reference files:
22-010-V-H056_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 3+00 CUT P-59 THRU STA. 3+00 CUT P-61

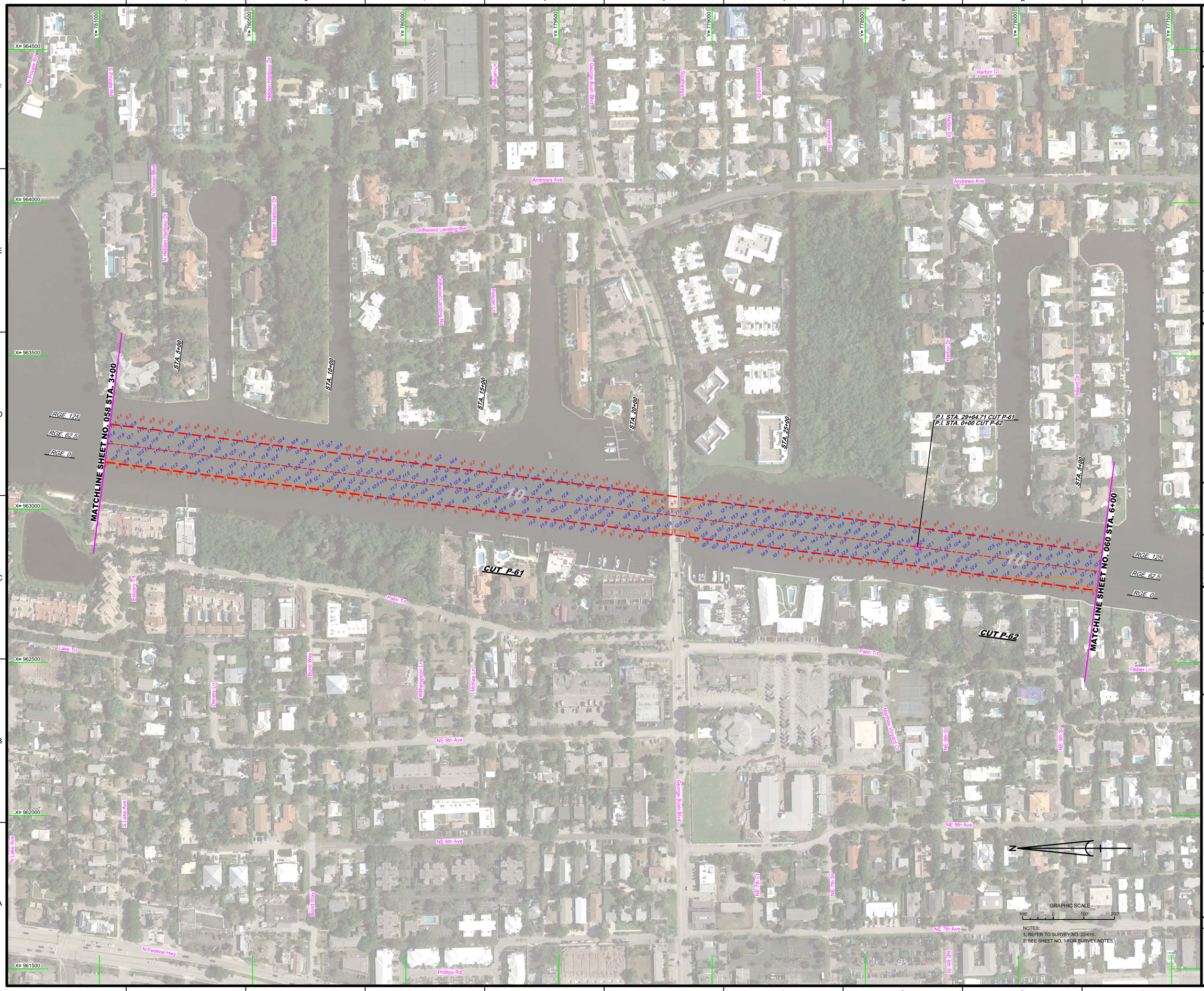
PLAN

Scale: AS SHOWN

Drawing no.

58

SHEET 58 OF 76



NOTES:
1. REFER TO SURVEY NO. 22-010.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.: V9123EP-XX-X-XXXX
Date: APR 2022

XXXXXXXXX-X-XXXXXX.DGN
22-010-U-CONTOUR.DGN
22-010-U-SOUNDINGS.DGN
22-010-U-SOUN_P-62.DGN
NWW-CANGMCCF.DGN
22-010-C-BS-BRDR_PB.DGN
Reference files:
22-010-V-H059_PB.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 3+00 CUT P-61 THRU STA. 6+00 CUT P-62

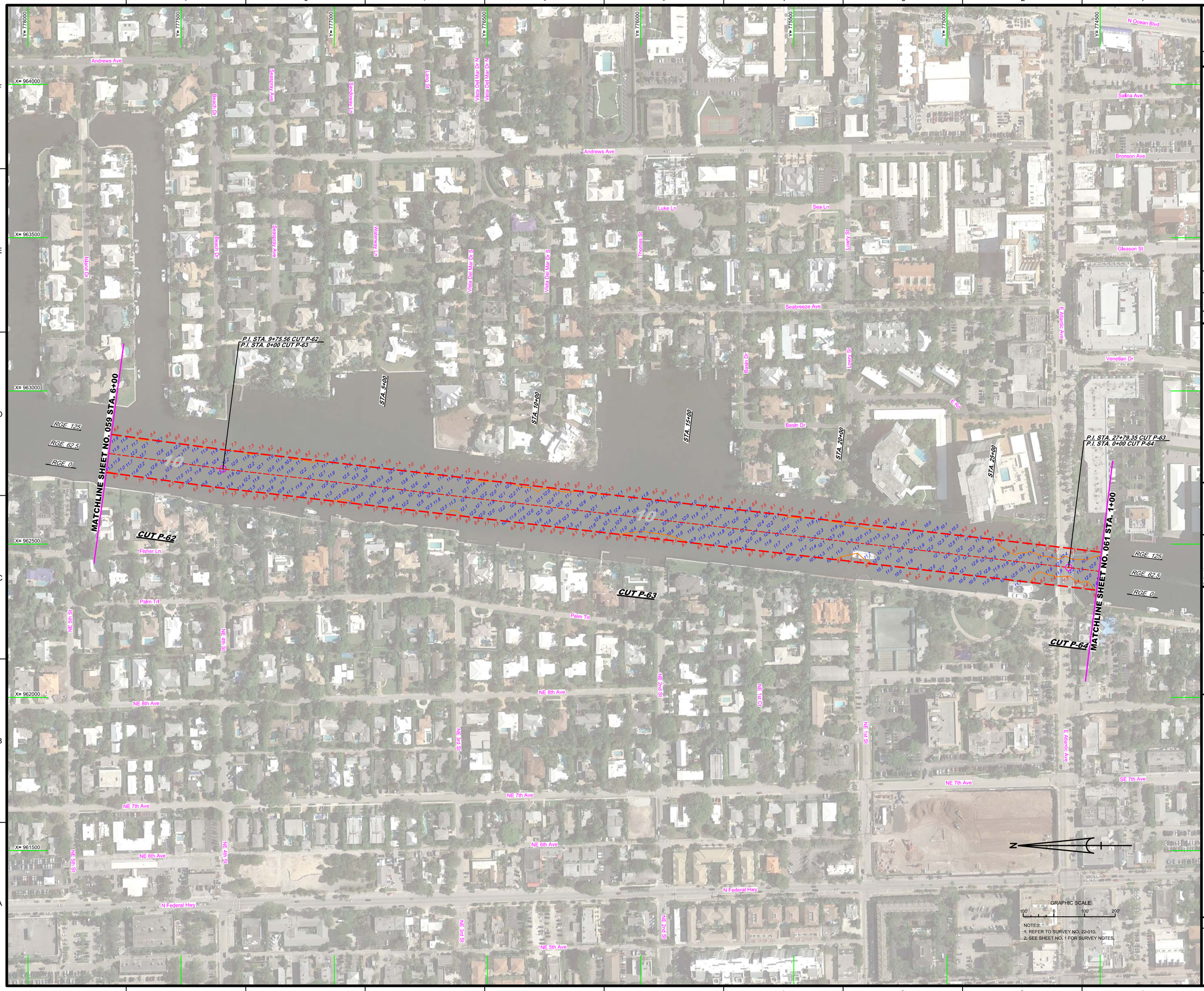
PLAN

Scale: AS SHOWN

Drawing no.

59

SHEET 59 OF 76



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
Drawn by: MRM
Chk by: GMR
Proj. No. V6312EP-XX-XX-XXX
Date: APR 2022

XXXXXXXXXX-XXXXXXX.DGN
22-2010-A-CON10.DGN
22-2010-A-SOUN_P-62.DGN
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22-2010-A-SOUN_P-64.DGN
IWW-C-CNGMCF.DGN
22-2010-C-BR-BRDR_P8.DGN
Reference files
22-2010-VR-R60_P8.DGN
File name:

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PALM BEACH COUNTY

HYDROGRAPHIC EXAM SURVEY FY22
10-FOOT PROJECT

STA. 6+00 CUT P-62 THRU STA. 1+00 CUT P-64

PLAN

Scale: AS SHOWN

Drawing no.

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