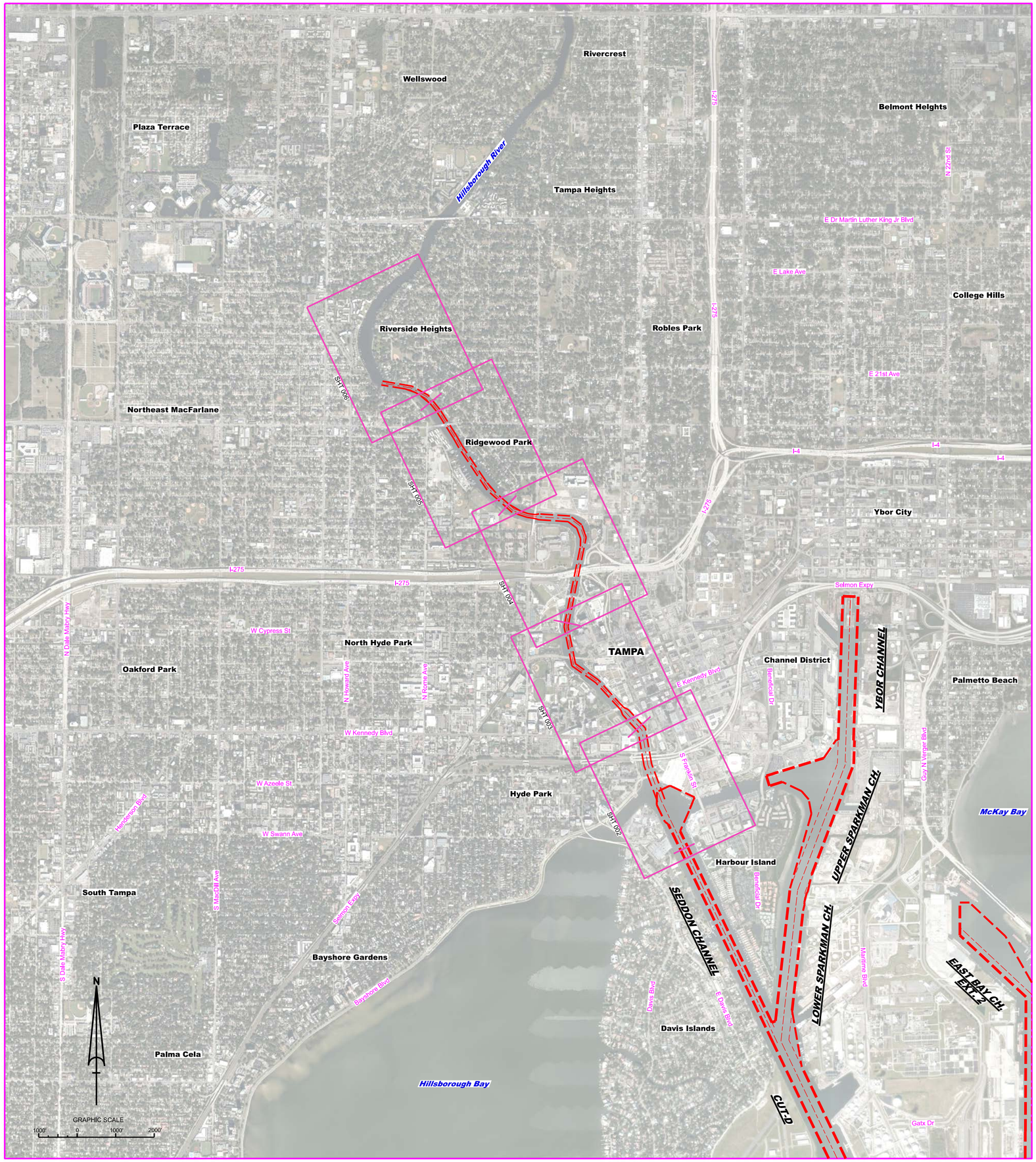

LOCATION MAP

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FL
PROJECT CONDITION SURVEY
9 & 12-FOOT PROJECT
FY24

SURVEY NOTES

1. REFER TO SURVEY NO. 24-014.
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: "SPC-FL-WEST-2010-12-07.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 WEST 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 "FPRN VRS"
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 BENCHMARKS BELOW:

   NOAA TIDAL STATION 872-6657 MONUMENT "872 6675A" FOR ALL CUTS. (PID: AG7512)
9. VERTICAL MEASUREMENTS WERE MADE USING A ROSS 835 DUAL-FREQUENCY SINGLE-BEAM SENSOR. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-52	23 OCT 2023	CUTS 1 THRU 6
SB-52	28 NOV 2023	CUTS 7 THRU 17

10. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
11. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF 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

Dwg. No. | Sheet | Zone

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

Cad by: GMR
Dwn by: WRM
Dwn by: WRM
Rev. No.
Dated: NOV 2023

XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
24-014-VAERIAL_BING.DGN
MILL_SB_CHS.DGN
TAMPA HARBOR-C-NGNCCF.DGN
24-014-CHSHBRDR.DGN
24-014-VH-001.DGN
Reference files:
File name:

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

INDEX, LOCATION AND VICINITY

MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 06

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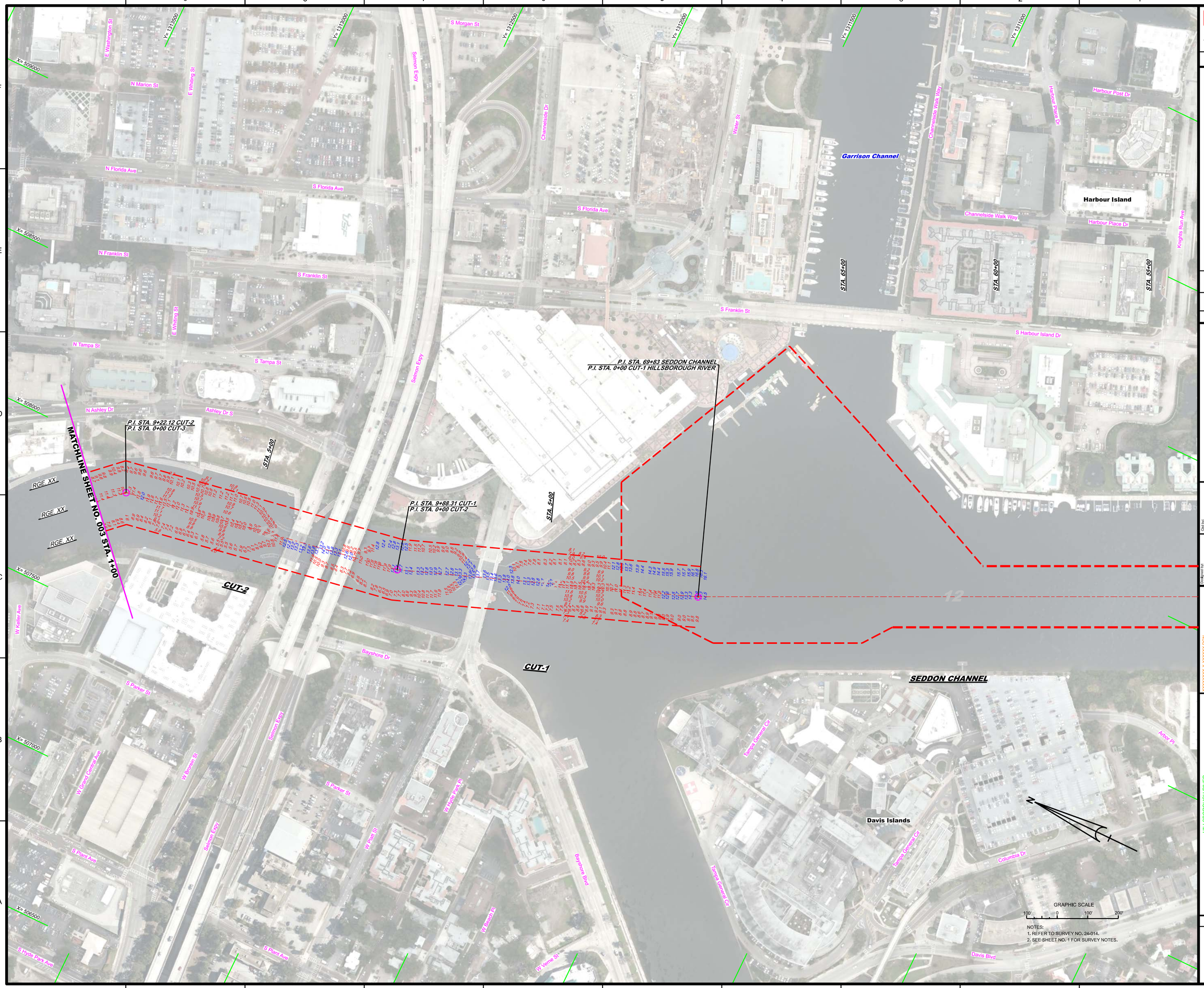

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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

Cad by: GMR

Dsn. by: VRM

Ck'd by: VRM

Rev. No.

Dated: NOV 2023

XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
24-014-VAERIAL_BING.DGN
24-014-VAERIAL_FALL_SHP.DGN
HILLSBOROUGH_CHS.DGN
TAMPA HARBOR-C-ENGNCCF.DGN
24-014-CHSHERDR.DGN

Reference files:

24-014-VH-002.DGN

File name:

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

STA. 0+00 CUT-1 THRU STA. 1+00 CUT-3

PLAN

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 24-014.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 06

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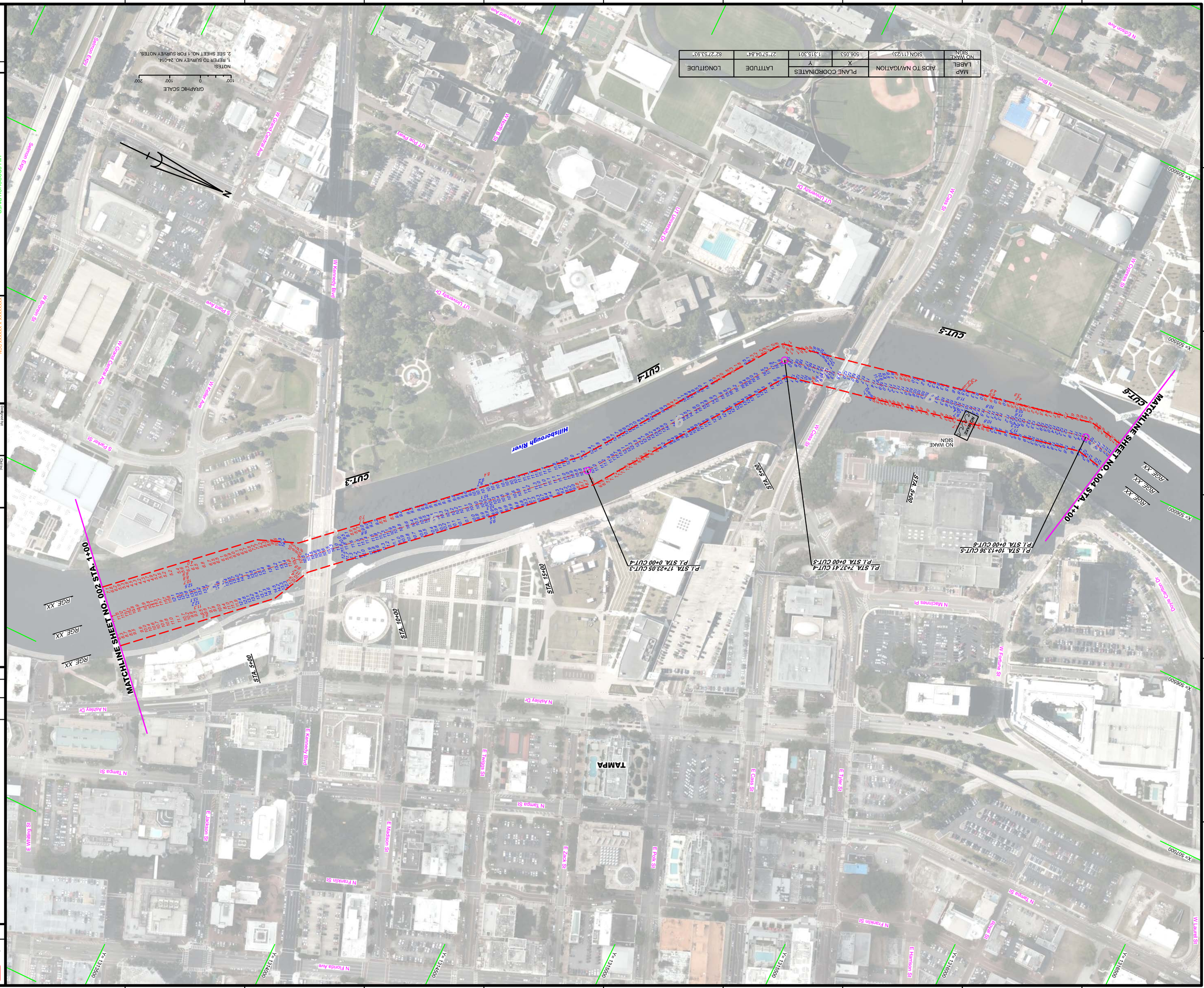


MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
NO WAKE SIGN	SIGN (17/23)	X	Y		
		506,053	1,315,301	27°57'04.84"	82°27'53.93"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 24-014.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

STA. 1+00 CUT-3 THRU STA. 1+00 CUT-6

PLAN

Scale:	AS SHOWN
Drawing no.	3
	SHEET 03 OF 06

Designed by:	WRM
Drawn by:	WRM
Checked by:	GMR
Dwgs./Vols.:	
Dates:	NOV 2023

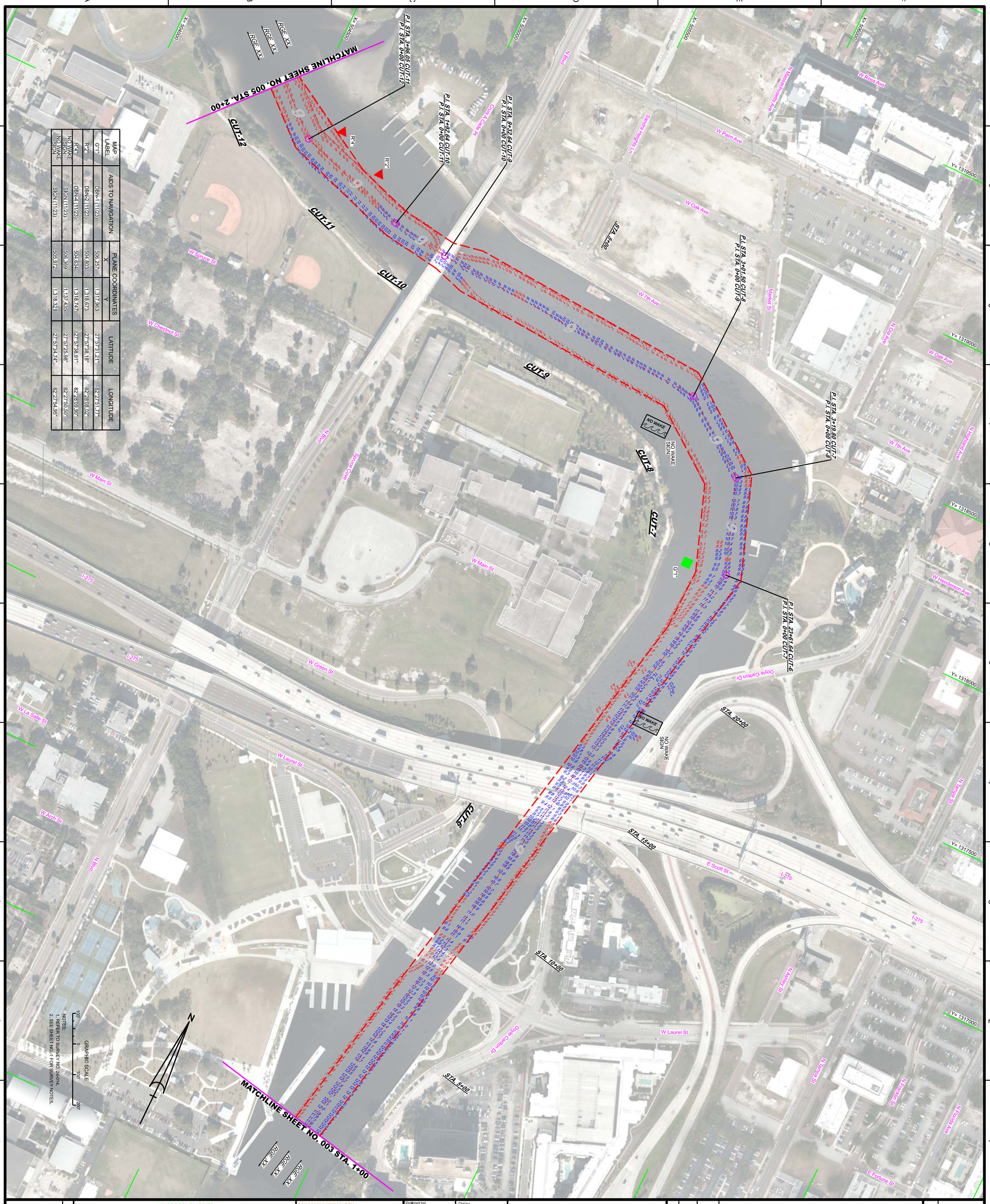
24x014xXXXXXXXXXXXXXXXX.DGN	XXXXXXXXXXXXXXXXXXXX
24x014xXXXXXXXXXXXXXXXX.DGN	XXXXXXXXXXXXXXXXXXXX
24x014xAERIAL_BRKG.DGN	AERIAL BREAKLINE
24x014xGEOJN_ALL_SRHPE.DGN	GEOJN ALL SRHPE
HILLSB_CH83.DGN	HILLSB CH83
24x014xGESSPROR.DGN	Reference file(s)
24x014xVH400.DGN	File name:

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

No.	Revised	Zone

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
G"1"	DBN-1 (11/23)	506,257	1,317,963	27°57'31.21"	82°27'51.77"
R"2"	DBN-2 (11/23)	504,803	1,318,673	27°57'38.18"	82°28'08.02"
R"4"	DBN-4 (11/23)	504,634	1,318,747	27°57'38.91"	82°28'09.90"
NO WAKE SIGN	SIGN (11/23)	506,369	1,137,435	27°57'25.98"	82°27'50.50"
NO WAKE SIGN	SIGN (11/23)	505,972	1,318,321	27°57'34.74"	82°27'54.95"

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

STA. 1+00 CUT-6 THRU STA. 2+00 CUT-12

PLAN

Scale: AS SHOWN

Drawing no. 4

SHEET 04 OF 06

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
24-014-V-AERIAL_BING.DGN
24-014-V-NAV.DGN
24-014-V-SOUN_ALLCUTS.DGN
HILLSB_CH83.DGN
24-014-G-BS-BRDR.DGN
Reference files:
24-014-VH-004.DGN
File name:

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: NOV 2023

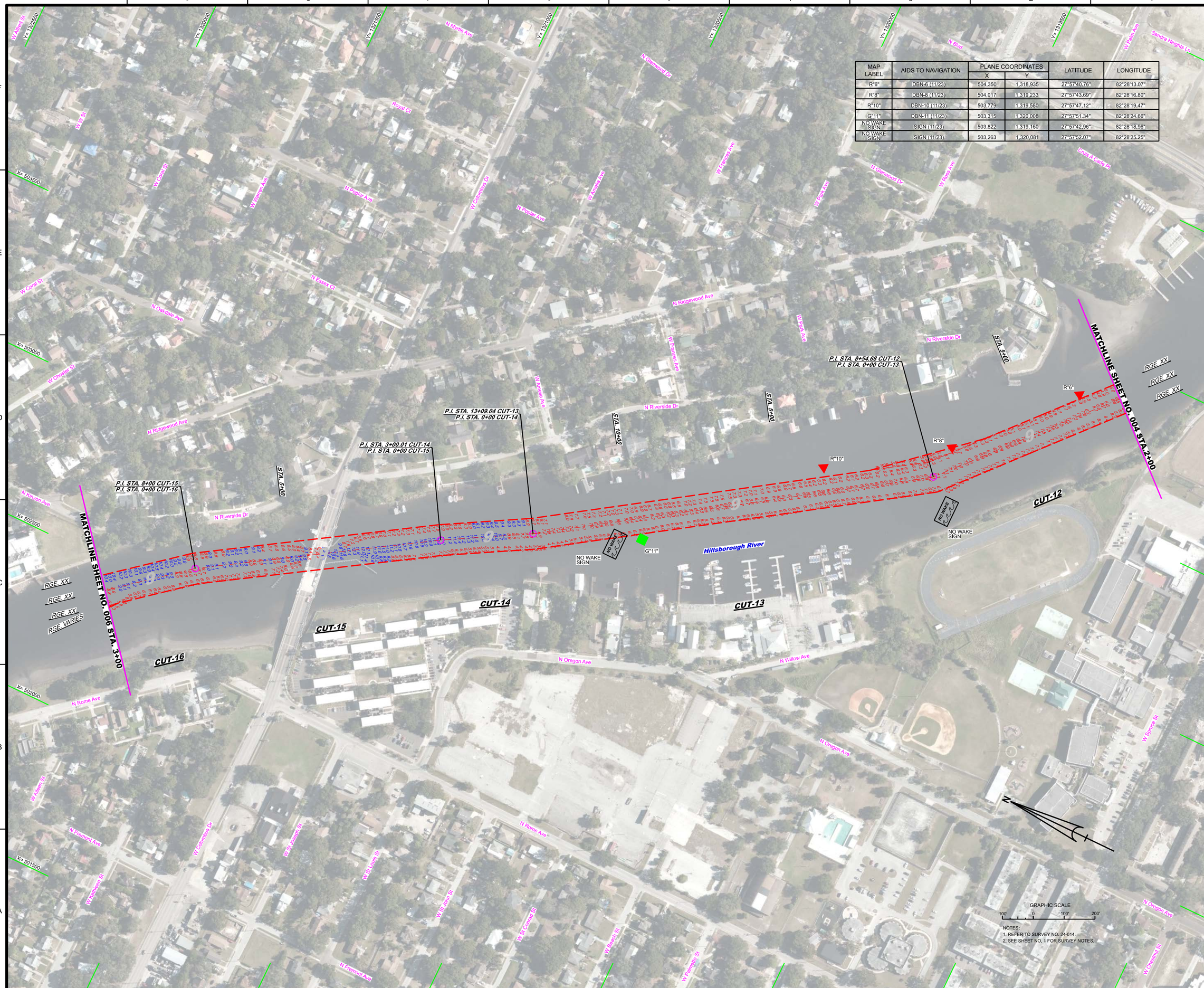
DEPARTMENT OF THE ARMY

JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

No.	Symbol	Zone	Description

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
R"6"	DBN-6 (11/23)	504,350	1,318,935	27°57'40.76"	82°28'13.07"
R"8"	DBN-8 (11/23)	504,017	1,319,233	27°57'43.69"	82°28'16.80"
R"10"	DBN-10 (11/23)	503,779	1,319,580	27°57'47.12"	82°28'19.47"
G"11"	DBN-11 (11/23)	503,315	1,320,008	27°57'51.34"	82°28'24.66"
NO WAKE SIGN	SIGN (11/23)	503,822	1,319,160	27°57'42.96"	82°28'18.96"
NO WAKE SIGN	SIGN (11/23)	503,263	1,320,081	27°57'52.07"	82°28'25.25"

NOTES:
1. REFER TO SURVEY NO. 24-014.
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
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: NOV 2023

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
24-014-V-AERIAL_BING.DGN
24-014-V-NAV.DGN
24-014-V-SOUN_ALLCUTS.DGN
HILLSB_CH83.DGN
24-014-G-BS-BRDR.DGN
Reference files:
24-014-VH-005.DGN
File name:

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

STA. 2+00 CUT-12 THRU STA. 3+00 CUT-16

PLAN

Scale: AS SHOWN

Drawing no.
5

SHEET 05 OF 06

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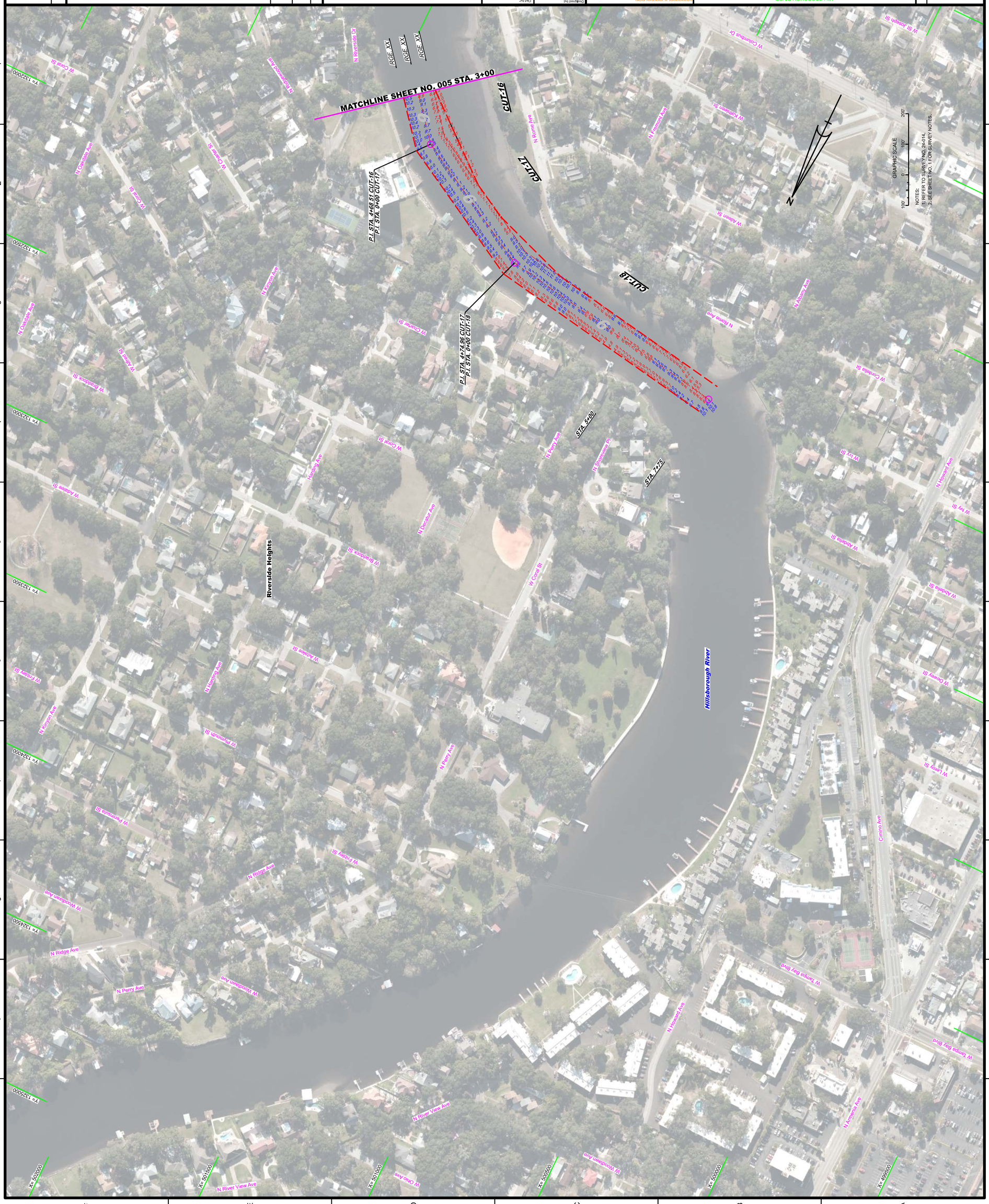

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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

Designed by: WRM
Dwn by: WRM
Ckd by: GMR
Date: NOV 2023
Inv. No.
File name: 24-014-VH-005.DGN

HILLSBOROUGH RIVER
HILLSBOROUGH COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY24
9 AND 12-FOOT PROJECT

STA. 3+00 CUT-16 THRU STA. 7+75 CUT-18

PLAN

Scale: AS SHOWN

Drawing no. 6

SHEET 06 OF 06