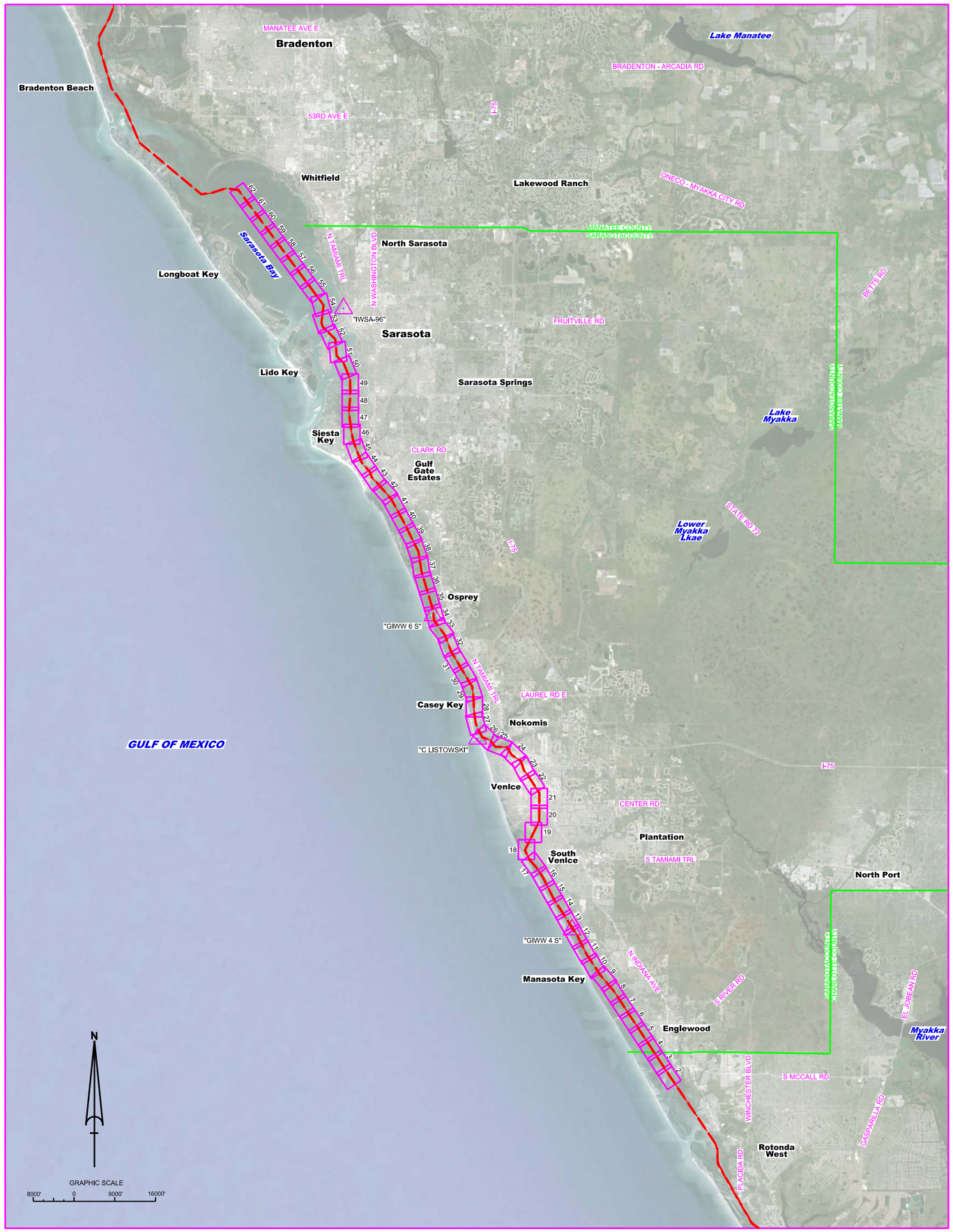
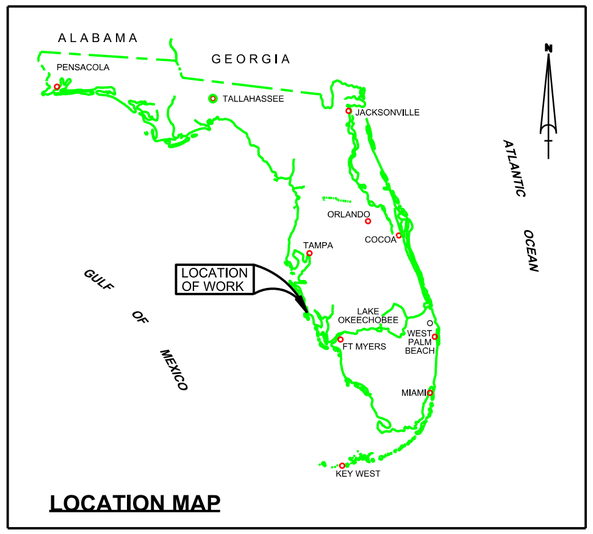




LOCATION MAP

GIWW - SARASOTA COUNTY, FLORIDA
CUTS S-1 THRU S-48
PROJECT CONDITION SURVEY FY16
9-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 16-033.
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 LOCATIONS:

   REFERENCE BASE LOCATED AT "IWSA-96" (PID: BBDG39)
   REFERENCE BASE LOCATED AT "GIWW 6 S" (PID: BBFB87)
   REFERENCE BASE LOCATED AT "C LISTOWSKI" (PID: BBDX69)
   REFERENCE BASE LOCATED AT "GIWW 4 S" (PID: BBFB73)

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 BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:

   NOAA TIDAL STATION 872 6083 USED FOR CUTS S-48 THRU S-38 (PID: AG7713)
   NOAA TIDAL STATION 872 5943 USED FOR CUTS S-37 THRU S-25 (PID: AG7167)
   NOAA TIDAL STATION 872 5899 USED FOR CUTS S-24 THRU S-12 (PID: DL9719)
   NOAA TIDAL STATION 872 5809 USED FOR CUTS S-11 THRU S-01 (PID: AG7850)

   VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER AND AN EDGETECH 6205 COMBINED MULTI-BEAM AND SIDESCAN. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	19 APR 2016	S-38 THRU S-48
SB-48	20 APR 2016	S-25 THRU S-37
SB-48	21 APR 2016	S-12 THRU S-24
SB-48	22 APR 2016	S-01 THRU S-11

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 13.

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: VRM
Drawn by: VRM
Checked by: GMR
Inv. No.
Dated: APR 2016

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
GIWW_SARASOTACO_INDEX.DGN
GIWW-C-CNGWCCF.DGN
15H033-SB-SBRDR_SAR.DGN
Reference files
15H033-VH-001_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

INDEX, LOCATION AND VICINITY

MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (04/16)	540,817	945,832	26°56'07.26"	82°21'14.54"

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
16-033-VI-CONS.DGN
16-033-VI-ALL.DGN
16-033-VI-SOUN_S1.DGN
GIWW-C-NGMCF.DGN
16-033-C-ES-BRDR_SA.DGN
Reference files:
16-033-VI-H-002_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 150+00 CUT C-9 THRU STA. 6+00 CUT S-1

PLAN

Scale: AS SHOWN

Drawing no.
2

SHEET 02 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-24 (04/16)	539,849	947,560	26°56'24.34"	82°21'25.28"
SIGN (04/16)	539,813	947,613	26°56'24.87"	82°21'25.69"

NOTES:
1. REFER TO SURVEY NO. 16-033.
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
Inv. No.
Dated: APR 2016

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
16-033-V-CON9.DGN
16-033-V-NAV.DGN
16-033-V-SOUN_S1.DGN
GIWW-C-NGMCCF.DGN
16-033-G-BS-BRDR_SA.DGN

File name: 16-033-VH-003_SAR.DGN

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 6+00 THRU STA. 39+00 CUT S-1

PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-25 (04/16)	538,514	949,345	26°56'41.99"	82°21'40.09"
DBN-26 (04/16)	537,321	953,326	26°57'21.34"	82°22'09.13"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

Reference files:
LV-XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
16-033-M-CONS.DGN
16-033-M-MAIN.DGN
15-033-M-SOUN_S1.DGN
GBWW-C-NGMGCF.DGN
16-033-C-BS-BRDR_SA.DGN
16-033-VH-004_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 39+00 THRU STA. 72+00 CUT S-1

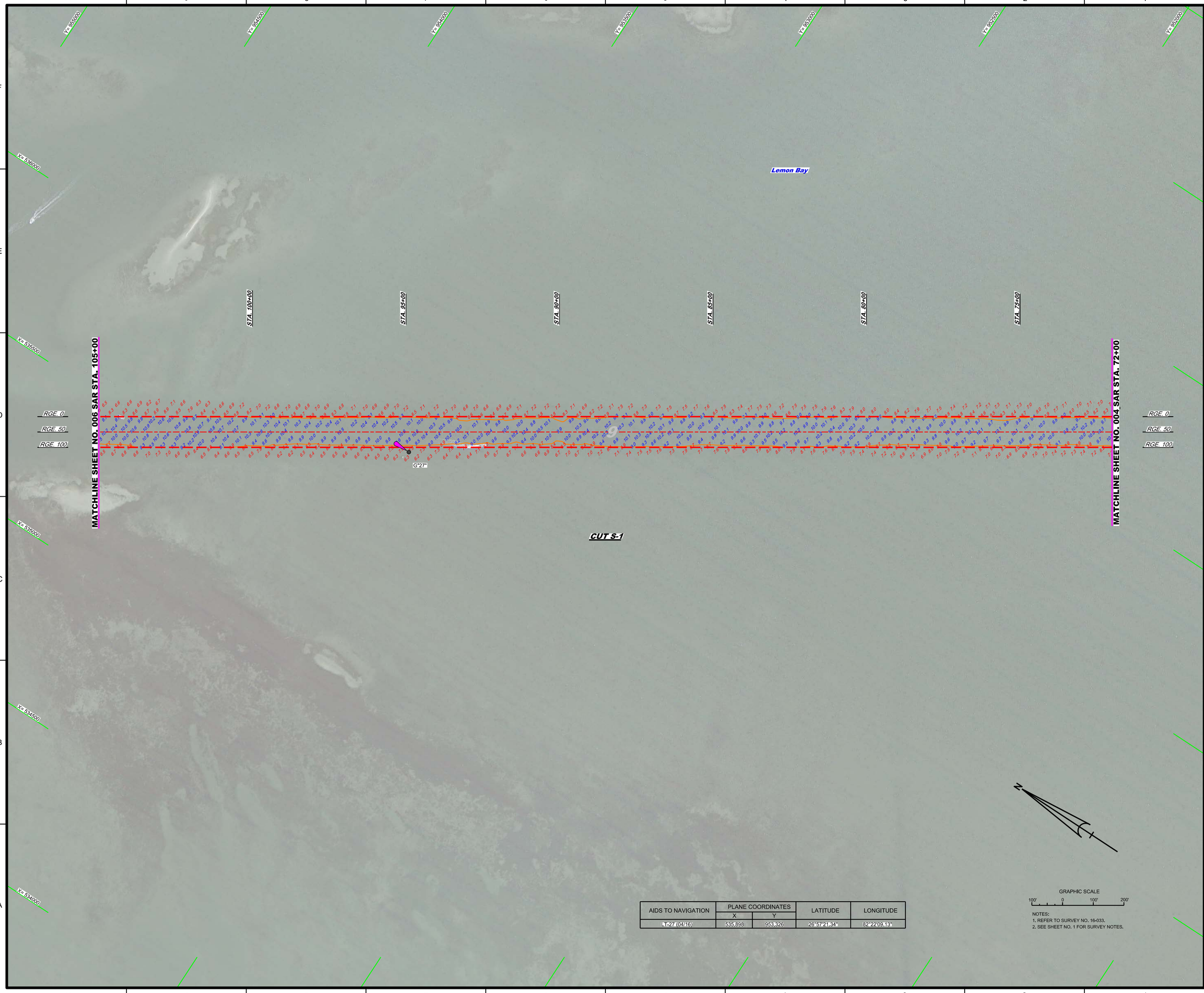
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-27 (04/16)	535,898	953,326	26°57'21.34"	82°22'09.13"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

Reference files:
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
16-033-VA-CONS.DGN
16-033-VA-AVU.DGN
15-033-VA-SOUN_S1.DGN
GMWX-C-NGMGCF.DGN
16-033-C-ES-BRDR_SA.DGN
File name: 16-033-VH-005_SAR.DGN

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 72+00 THRU STA. 105+00 CUT S-1

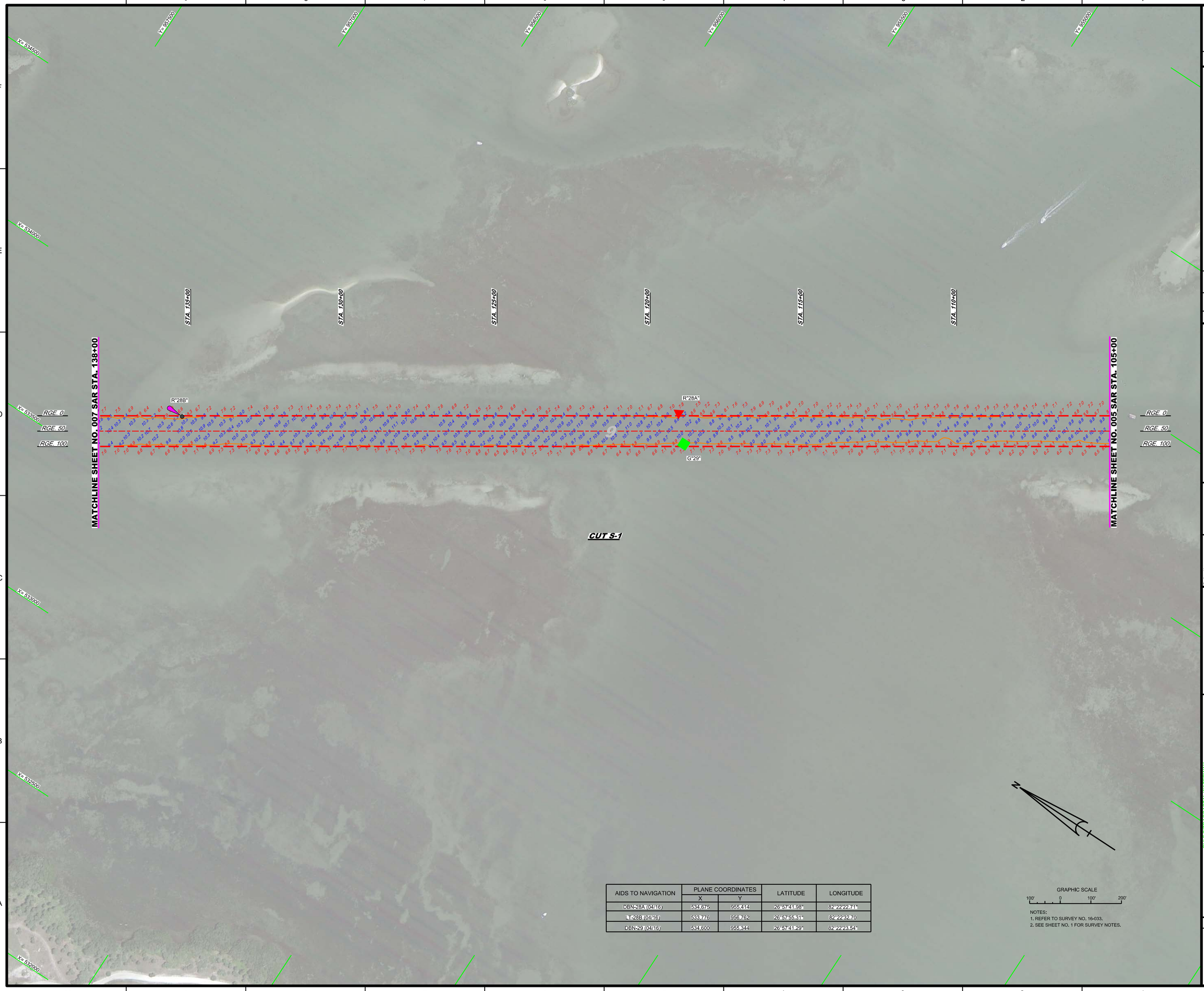
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-28A (04/16)	534,675	955,414	26°57'41.98"	82°22'22.71"
LT-28B (04/16)	533,776	956,762	26°57'55.31"	82°22'32.70
DBN-29 (04/16)	534,600	955,344	26°57'41.29"	82°22'23.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

Reference files:
X:\XXXXXXXX-X-XXXXX.DGN
X:\XXXXXXXX-X-XXXXX.DGN
X:\XXXXXXXX-X-XXXXX.DGN
16-033-A-CONS.DGN
16-033-A-AXIS.DGN
15-033-A-SOUN_S1.DGN
GBWW-C-NGMGCF.DGN
16-033-C-ESHDR_SA.DGN
File name: 16-033-VH-005_SAR.DGN

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 105+00 THRU STA. 138+00 CUT S-1

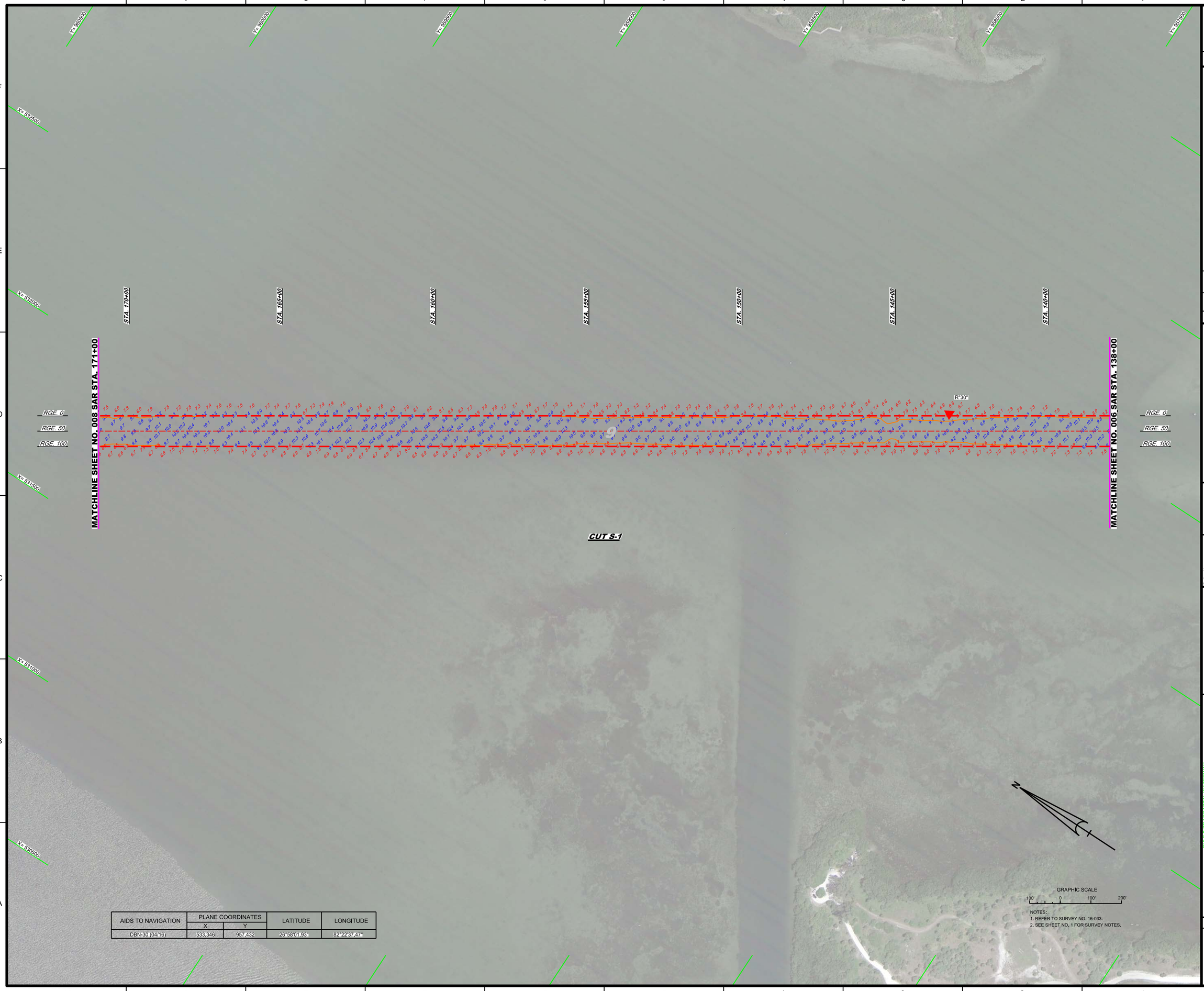
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-30 (04/16)	533,346	957,432	26°58'01.93"	82°22'37.47"

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.
Date: APR 2016

Reference files:
X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
16-033-M-CONS.DGN
16-033-M-MAIN.DGN
15-033-M-SOUN_S1.DGN
GIWW-C-NGMGCF.DGN
16-033-C-ESHBRDR_SA.DGN
File name: 16-033-VH-007_SAR.DGN

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 138+00 THRU STA. 171+00 CUT S-1

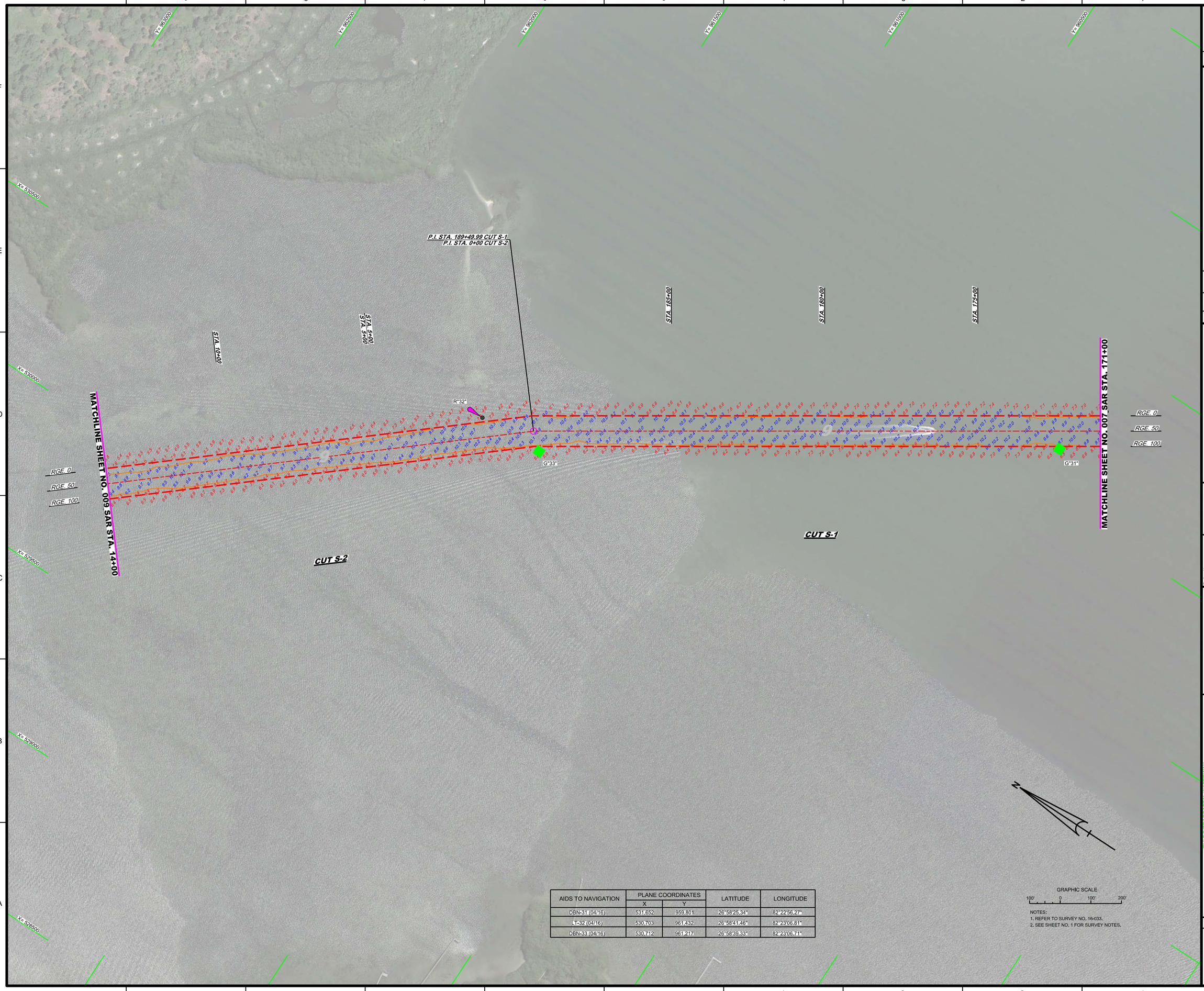
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-31 (04/16)	531,652	959,801	26°58'25.34"	82°22'56.27"
LT-32 (04/16)	530,703	961,432	26°58'41.46"	82°23'06.81"
DBN-33 (04/16)	530,712	961,217	26°58'39.33"	82°23'06.71"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
16-033-V-CONS.DGN
16-033-V-NAV.DGN
16-033-V-SOUN_T.DGN
16-033-V-SOUN_S.DGN
GMWV-C-NGMGCF.DGN
16-033-C-ES-BRDR_SA.DGN
Reference files:
16-033-V-H-008_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 171+00 CUT S-1 THRU STA. 14+00 CUT S-2

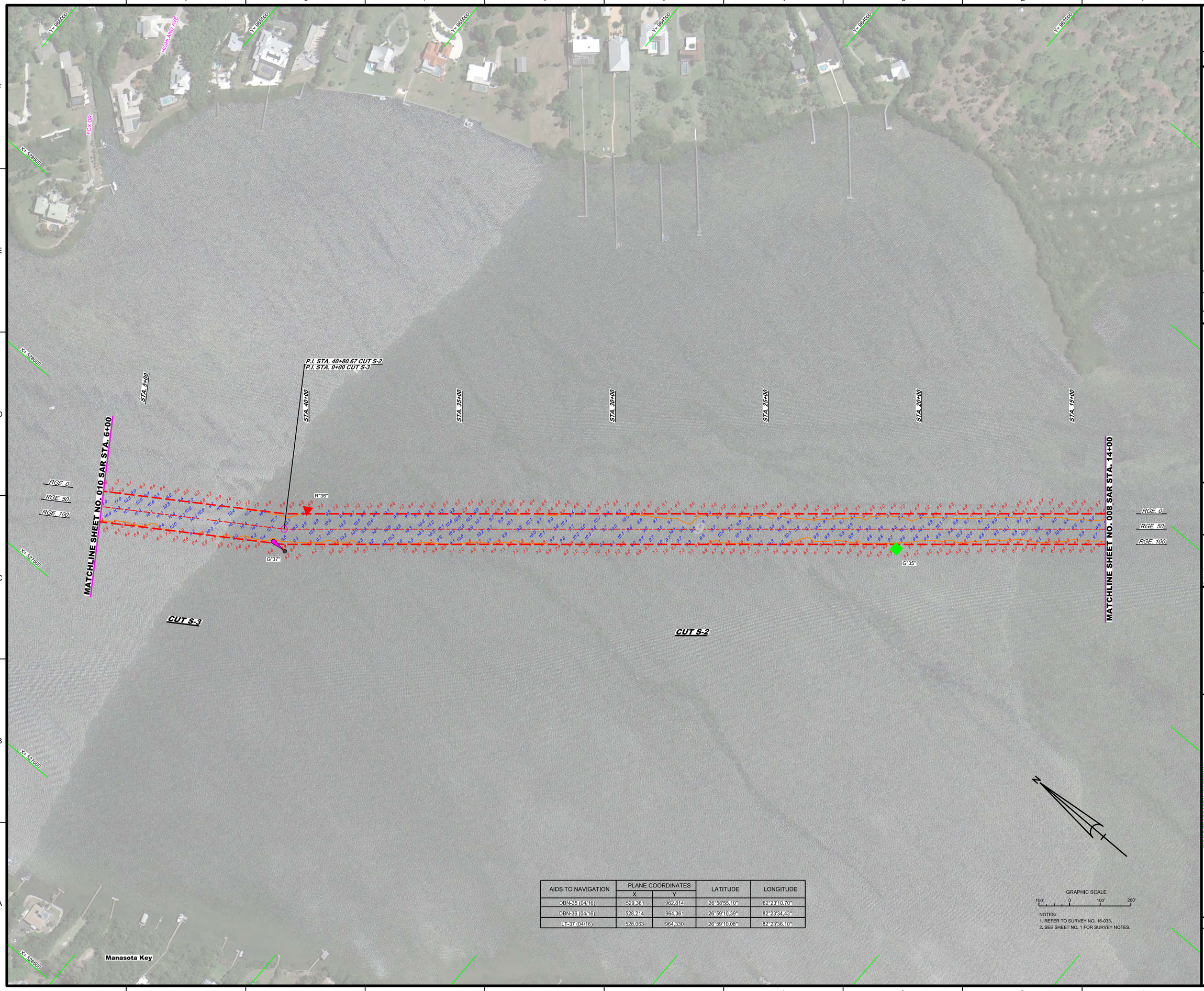
PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-35 (04/16)	529,361	962,814	26°58'55.10"	82°23'10.70"
DBN-36 (04/16)	528,214	964,361	26°59'10.39"	82°23'34.43"
LT-37 (04/16)	528,063	964,330	26°59'10.08"	82°23'36.10"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

X:\XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
16-033-V-CONS.DGN
16-033-V-NAV.DGN
16-033-V-SAR_S1.DGN
16-033-V-SOUN_S1.DGN
GBWV-C-NGMCCF.DGN
16-033-C-ES-BRDR_SA.DGN
Reference files:
16-033-VH-009_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 14+00 CUT S-2 THRU STA. 6+00 CUT S-3

PLAN

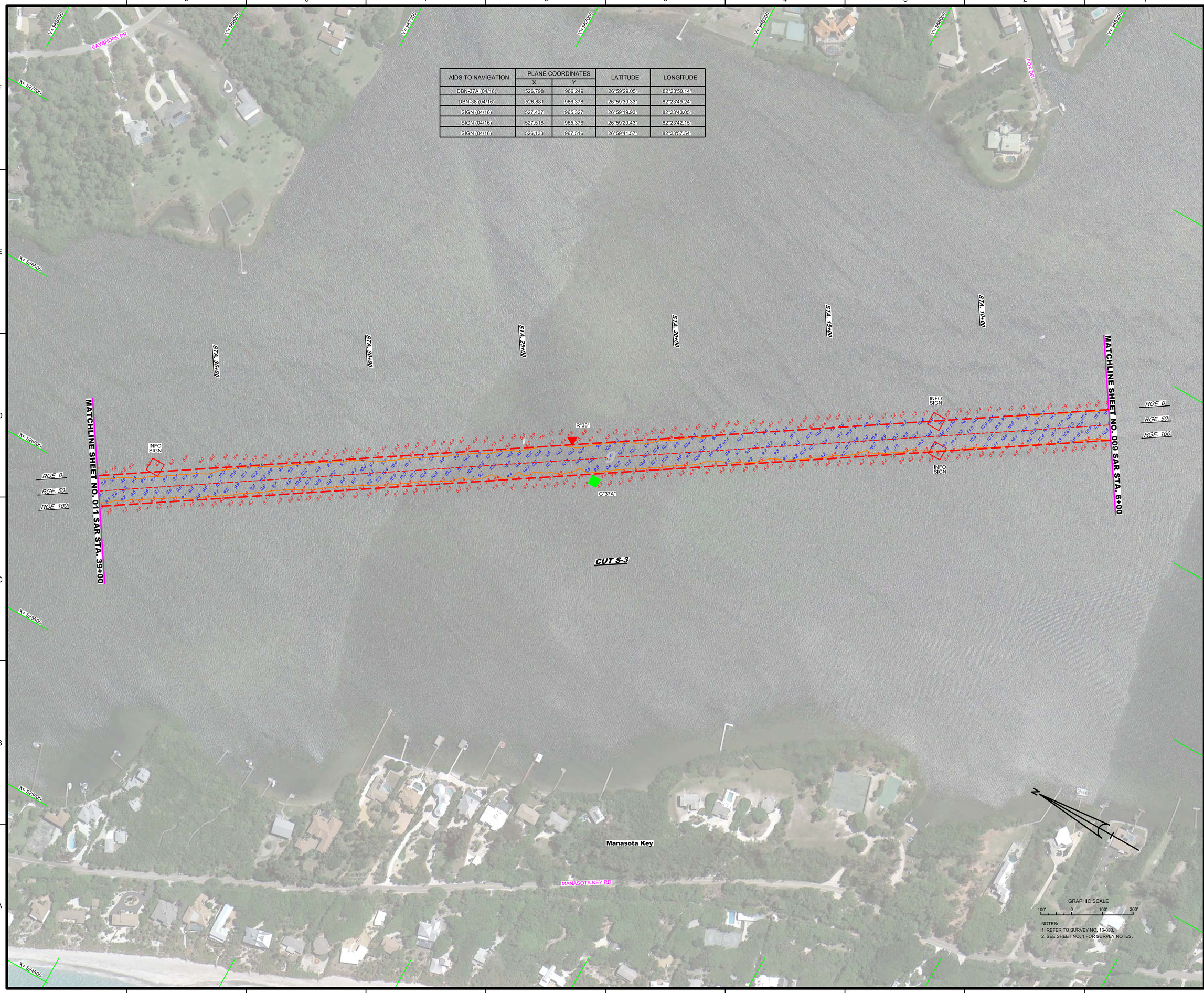
Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-37A (04/16)	526,798	966,249	26°59'29.05"	82°23'50.14"
DBN-38 (04/16)	526,881	966,378	26°59'30.33"	82°23'49.24"
SIGN (04/16)	527,437	965,327	26°59'19.93"	82°23'43.05"
SIGN (04/16)	527,518	965,376	26°59'20.43"	82°23'42.15"
SIGN (04/16)	526,133	967,516	26°59'41.57"	82°23'57.54"



NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

Reference files:
X:\XXXXXXXXXXXXXXXX.DGN
X:\XXXXXXXXXXXXXXXX.DGN
X:\XXXXXXXXXXXXXXXX.DGN
16-033A-CONB.DGN
16-033A-SAR.DGN
16-033A-SOUN_S1.DGN
GIWW-CANGMCGF.DGN
16-033-CABS-BRDR_SAR.DGN
Base name:
16-033-WH-010_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 6+00 THRU STA. 39+00 CUT S-3

PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-39 (04/16)	525,313	968,508	26°59'51.37"	82°24'06.64"
DBN-40 (04/16)	525,421	968,570	26°59'51.99"	82°24'05.45"
DBN-41 (04/16)	524,427	970,324	27°00'09.33"	82°24'16.50"

NOTES:
1. REFER TO SURVEY NO. 16-033.
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: CMR
Rev. No.
Date: APR 2016

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
16-033-V-CONS.DGN
16-033-V-NAV.DGN
16-033-V-SOUN.DGN
15-033-V-SOUN_S.DGN
GBWV-C-NGMCGF.DGN
16-033-C-ESHRDR_SA.DGN
Reference files:

16-033-VH011_SAR.DGN
File name:

GULF INTERCOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 39+00 CUT S-3 THRU STA. 22+00 CUT S-4

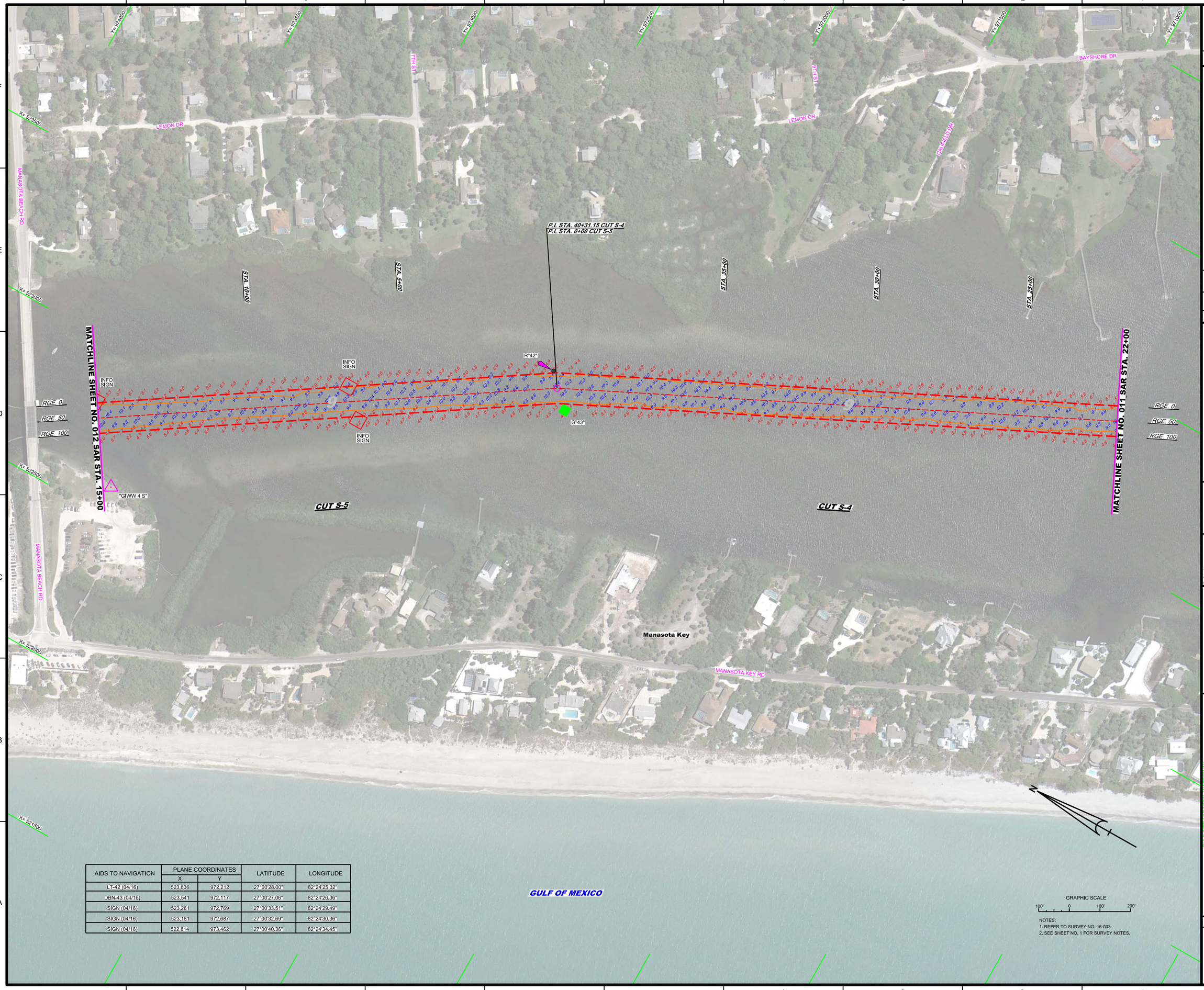
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-42 (04/16)	523,636	972,212	27°00'28.00"	82°24'25.32"
DBN-43 (04/16)	523,541	972,117	27°00'27.06"	82°24'26.36"
SIGN (04/16)	523,261	972,769	27°00'33.51"	82°24'29.49"
SIGN (04/16)	523,181	972,687	27°00'32.69"	82°24'30.36"
SIGN (04/16)	522,814	973,462	27°00'40.36"	82°24'34.45"

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
16-033-V-CONS.DGN
16-033-V-NAV.DGN
16-033-V-SOUN_L.DGN
16-033-V-SOUN_S.DGN
GIWW-C-NGMCF.DGN
16-033-C-ESHDR_SA.DGN
Reference files:

16-033-VH-012_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 22+00 CUT S-4 THRU STA. 15+00 CUT S-5

PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-45 (04/16)	521,465	975,363	27°00'59.13"	82°24'49.43"
SIGN (04/16)	522,607	973,809	27°00'43.78"	82°24'36.75"
SIGN (04/16)	522,487	973,761	27°00'43.30"	82°24'38.08"
SIGN (04/16)	522,691	973,414	27°00'39.86"	82°24'35.81"
SIGN (04/16)	522,814	973,462	27°00'40.36"	82°24'34.45"

NOTES:
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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.
Date: APR 2016

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
16-033-A-CONS.DGN
16-033-A-NAV.DGN
16-033-A-SAR_S5.DGN
16-033-A-SOUN_S5.DGN
GBWW-C-HGMCF.DGN
16-033-C-ESHBRDR_SA.DGN
Reference files:
16-033-VH012_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 15+00 CUT S-5 THRU STA. 31+00 CUT S-6

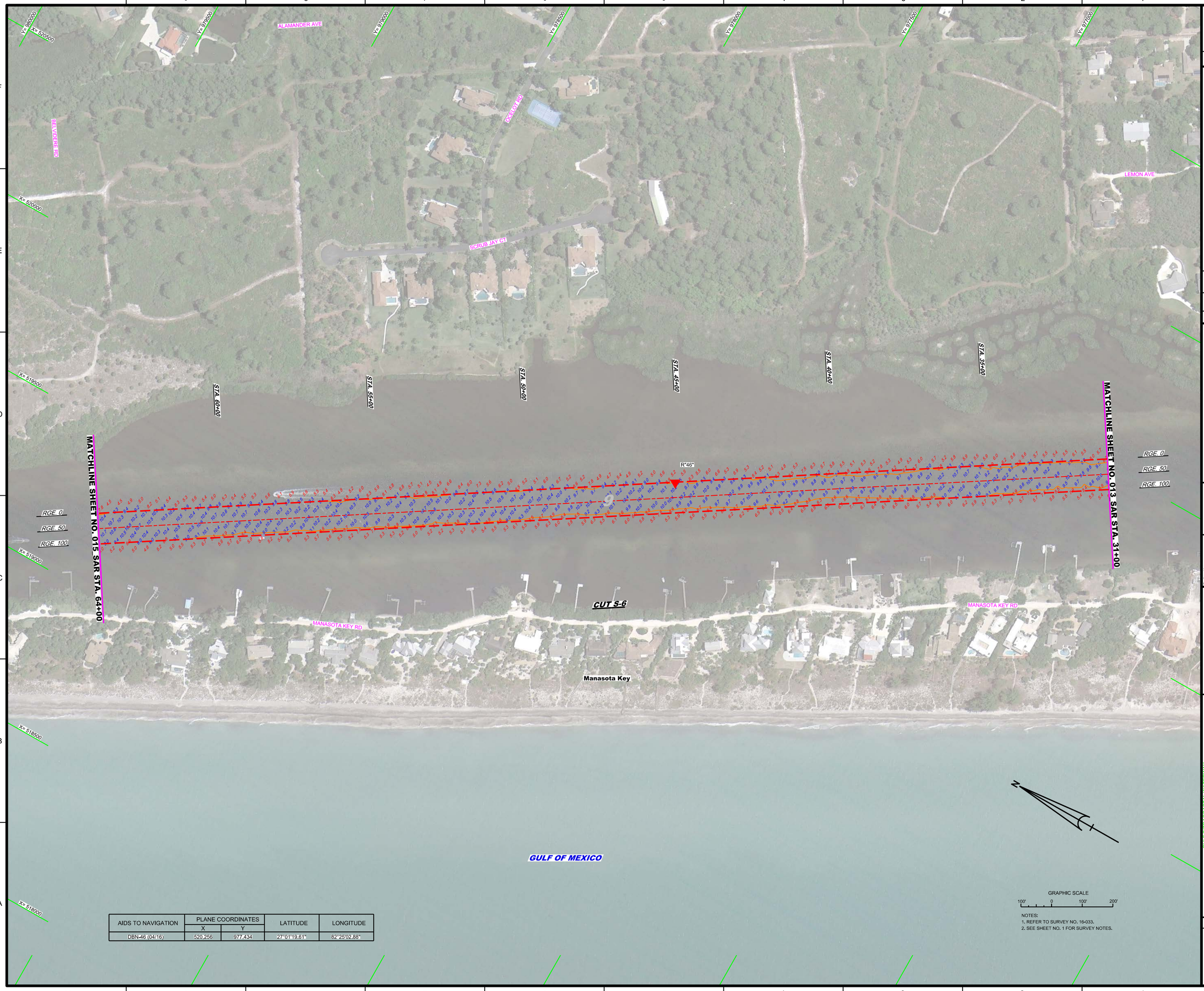
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 62



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-46 (04/16)	520,256	977,434	27°01'19.61"	82°25'02.88"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-033.
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
Inv. No.
Date: APR 2016

Reference files:
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
16-033-VA-CONS.DGN
16-033-VA-MAIN.DGN
16-033-VA-SQUA_SR.DGN
GIWW-C-CNGMCOF.DGN
16-033-C-BS-BRDR_SA.DGN
16-033-VA-H-014_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 31+00 THRU STA. 64+00 CUT S-6

PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 62

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-47 (04/16)	519,009	979,191	27°01'36.97"	82°25'16.73"
DBN-48 (04/16)	519,082	979,291	27°01'37.95"	82°25'15.93"
DBN-49 (04/16)	518,123	980,914	27°01'54.00"	82°25'26.59"

NOTES:
1. REFER TO SURVEY NO. 16-033.
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.
Date: APR 2016

Reference files:
CWWX-XX-XX-XXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
16-033-V-CONS.DGN
16-033-V-NAV.DGN
16-033-V-SOUN_L.DGN
16-033-V-SOUN_S1.DGN
GBWW-C-NGMCCF.DGN
16-033-C-ESS-BRDR_SA.DGN
Reference files:
16-033-V-H-015_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY16
9-FOOT PROJECT

STA. 64+00 CUT S-6 THRU STA. 30+00 CUT S-7

PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 62