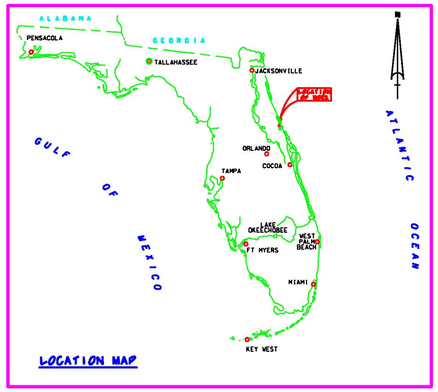
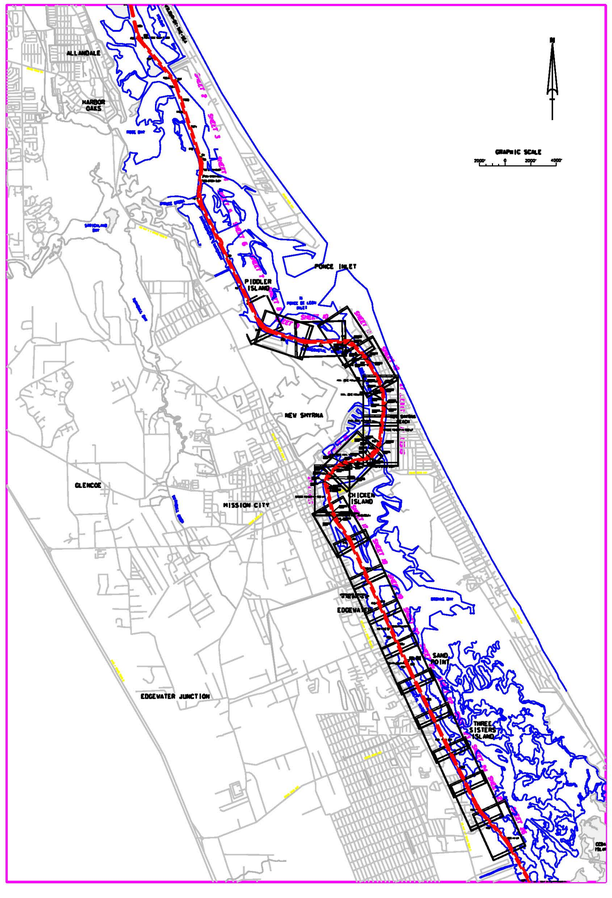




INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
CUTS V-39 THRU V-41
AFTER-DREDGE SURVEY

SURVEY NOTES:

1. REFER TO SURVEY NO. 06-045.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER. REFER TO DATUM TABLE THIS SHEET FOR DIFFERENCES FROM NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM MULTIPLE BENCHMARKS. REFER TO SURVEY TABULATION SHOWN ON THIS SHEET.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
WB-34	14-15 DEC 2005	CUTS V-39 THRU V-41

9. AIDS TO NAVIGATION WERE NOT 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 AND IS NOT TO BE USED FOR NAVIGATION.
11. SURVEY ACCURACY PREFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1119-2-1003 HYDROGRAPHIC SURVEYING, 1 JAN 2002

SURVEY TABULATION

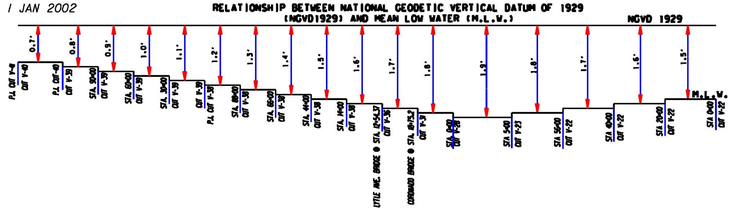
VESSEL	AREA SURVEYED	STAFF LOCATION	BENCHMARK
WB-34	CUT V-39 THRU V-41	DOCK PILING @ BERARDMAT PARK	Y-211 / TBM

BENCHMARK	NGVD ELEV. (FT)
Y-211	15.93

LEGEND

BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF

RELATIONSHIP BETWEEN NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD1929) AND MEAN LOW WATER (M.L.W.)



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

Inv. No. DACW17-XX-X-XXXX
Design: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot code: XXXX

Designed by: Dick Ivey (904)
Drawn by: Tony (904)
Checked by:
Approved:
Date: DEC 2005
D.O.F ILE NO.

File name: 06-045SH01.DGN
Reference files: ENTIRE.DGN, LATLNG12.DGN, VOLS_AGG.DGN, VOLNOV.DGN, NEWFLMP.DGN, V_CHANNEL.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
COVER, LOCATION AND INDEX SHEET
PLAN

DRAWING NO.
1/7
SHEET 1 OF 26

.../06-045ad/06-045sh01.dgn 12/16/2005 02:02:52 PM

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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: WRM
Inv. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Date: DEC 2005
D.O.FILE NO.

File name: 06-045SH21.DGN
Reference files: BRDRDB.DGN V_CHANNEL.DGN VOLUBASE.DGN 06-045V39.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 93+00 CUT V-38 THRU STA. 12+00 CUT V-39
PLAN

DRAWING NO.
2/7

SHEET 21 OF 26

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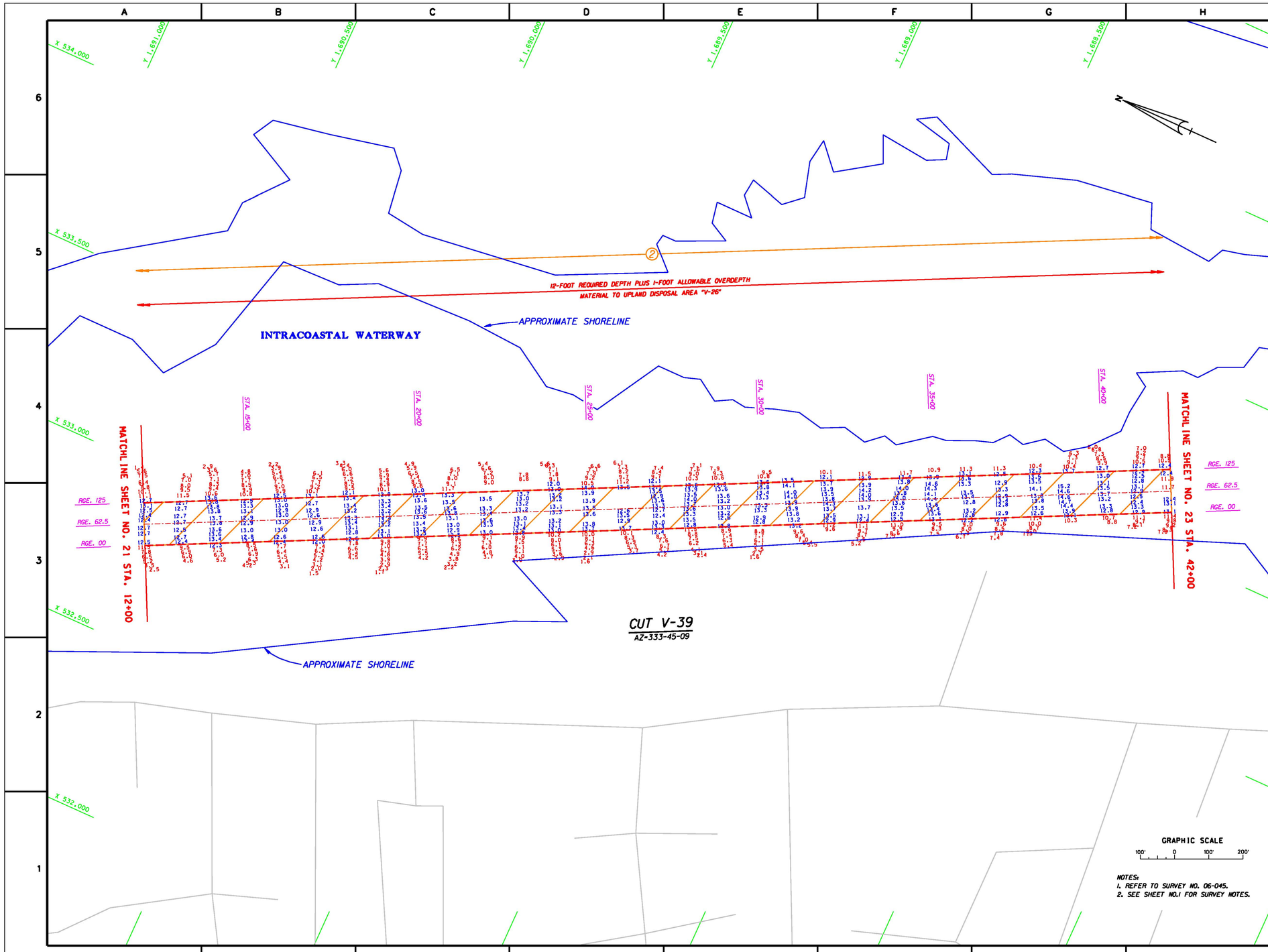

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

Inv. No. DACW17-XX-X-XXXX
Dwn by: WRM
Ckd by: WRM
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Date: DEC 2005
D.O.FILE NO.

File name: 06-045SH22.DGN
Reference files: BRORIB.DGN V_CHANNEL.DGN VOLUBASE.DGN 06-045V39.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 12+00 THRU STA. 42+00 CUT V-39
PLAN

DRAWING NO.
3/7

SHEET 22 OF 26

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A B C D E F G H

6 5 4 3 2 1

Y 1,688,500 Y 1,688,000 Y 1,687,500 Y 1,687,000 Y 1,686,500 Y 1,686,000 Y 1,685,500

X 535,000 X 534,500 X 534,000 X 533,500 X 533,000

STA. 45+00 STA. 50+00 STA. 55+00 STA. 60+00 STA. 65+00 STA. 70+00

② 12-FOOT REQUIRED DEPTH PLUS 1 FOOT ALLOWABLE OVERDEPTH
MATERIAL TO UPLAND DISPOSAL AREA "V-26"

MATCH LINE SHEET NO. 22 STA. 42+00

MATCH LINE SHEET NO. 24 STA. 72+00

RGE. 125 RGE. 62.5 RGE. 00

CUT V-39
AZ-333-45-09

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Approved | Description | No. | Symbol | Zone

DEPARTMENT OF THE ARMY
U.S. CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. DACW17-XX-X-XXXX
Design XX XXX 2005
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XXXX

Designed by
Drawn by
Checked by
Date

Dated DEC 2005
D.O.F ILE NO.

File name 06-045SHT23.DGN
Reference files
SHOWING.DGN
CONTROL.DGN
VOLUMES.ASCII
06-045V39.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 42+00 THRU STA. 72+00 CUT V-39
PLAN

DRAWING NO.
4/7
SHEET 23 OF 26

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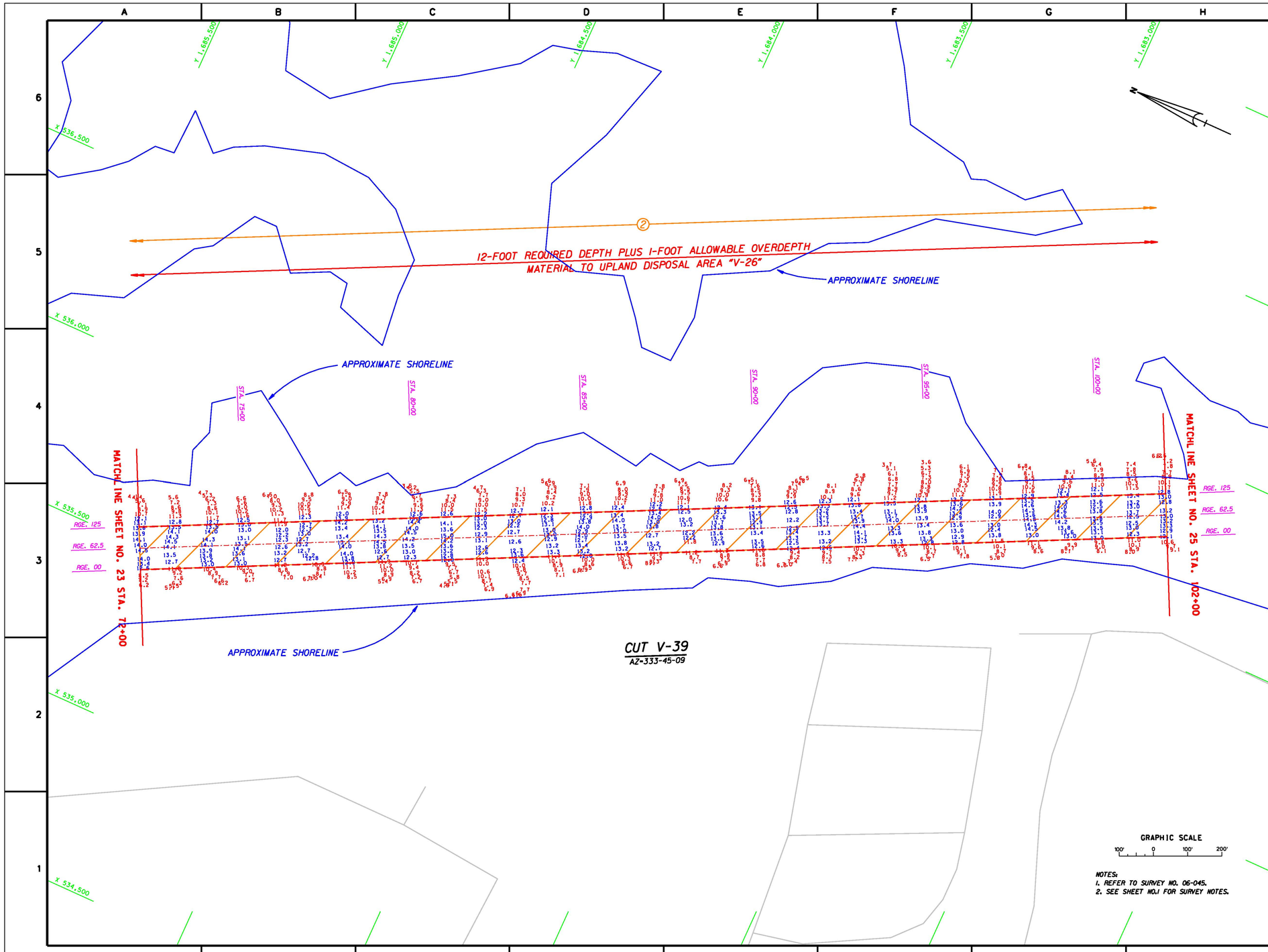

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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: WRM
Date: DEC 2005
D.O.FILE NO.

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 72+00 THRU STA. 102+00 CUT V-39
PLAN

DRAWING NO.
5/7

SHEET 24 OF 26

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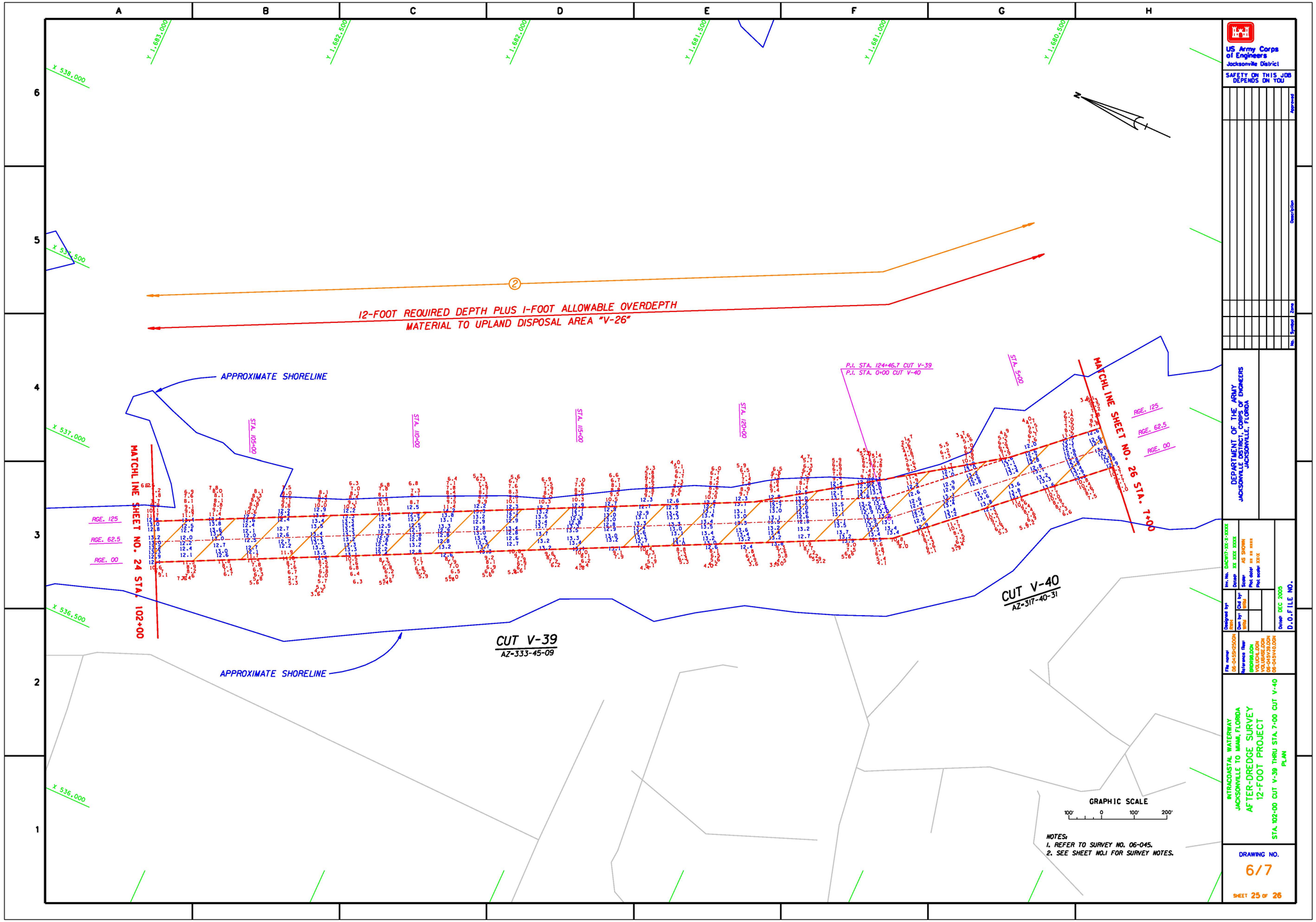

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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: RWH
Dwn by: RWH
Ckd by: RWH
Date: DEC 2005
D.O.FILE NO.

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 102+00 CUT V-39 THRU STA. 7+00 CUT V-40
PLAN

DRAWING NO.
6/7

SHEET 25 OF 26

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A B C D E F G H

6 5 4 3 2 1

X 1,680,500 X 1,680,000 X 1,679,500 X 1,679,000 X 1,678,500 X 1,678,000

X 539,500 X 539,000 X 538,500 X 538,000 X 537,500

12-FOOT REQUIRED DEPTH PLUS 1-FOOT ALLOWABLE OVERDEPTH
MATERIAL TO UPLAND DISPOSAL AREA "V-26"

APPROXIMATE SHORELINE

P.I. STA. 31+87.9 CUT V-40
P.I. STA. 0+00 CUT V-41

STA. 30+00 STA. 25+00 STA. 20+00 STA. 15+00 STA. 10+00 STA. 5+00

RGE. 125 RGE. 62.5 RGE. 00

CUT V-41
AZ-330-18-33

CUT V-40
AZ-317-40-31

APPROXIMATE SHORELINE

MATCHLINE SHEET NO. 25 STA. 7+00

RGE. 125 RGE. 62.5 RGE. 00

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-045.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Approved

Description

No. Symbol Zone

Inv. No. DACW17-XX-X-XXXX
Design XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot name XXXX

Designed by: Drawn by: Checked by: Verified by:

Dated: DEC 2005
D.O.F.ILE NO.

File name: 06-045SH26.DGN
Reference files: DREDGELIN.DGN
DREDGEBK.DGN
VOLUBASE.DGN
06-045V40.DGN
06-045V41.DGN

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

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
AFTER-DREDGE SURVEY
12-FOOT PROJECT
STA. 7+00 CUT V-40 THRU STA. 5+00 CUT V-41
PLAN

DRAWING NO.
7/7
SHEET 26 OF 26

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