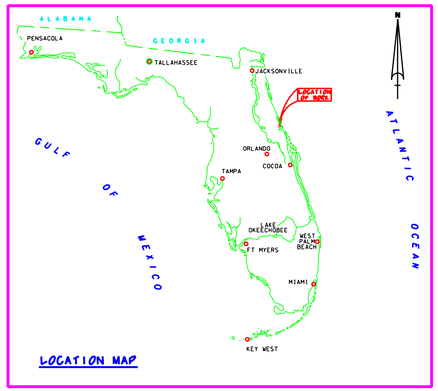
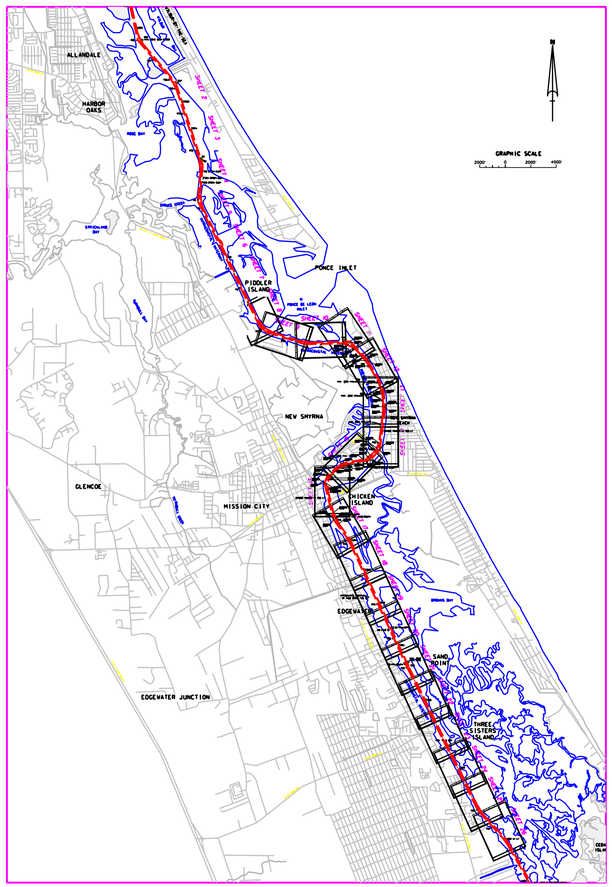
INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
CUTS V-39 THRU V-41
AFTER-DREDGE SURVEY





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

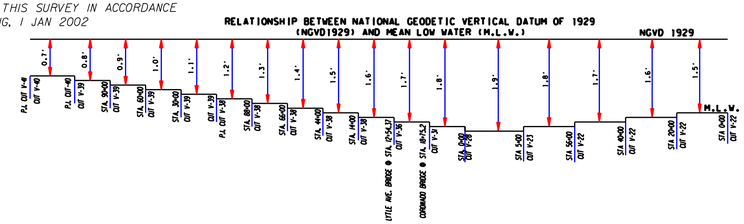
VESSEL	AREA SURVEYED	STAFF LOCATION	BENCHMARK
WB-34	CUT V-39 THRU V-41	DOCK PILING @ MENARDWAY PARK	Y-211 / TBM

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

No.	Symbol	Zone	Description	Approved

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

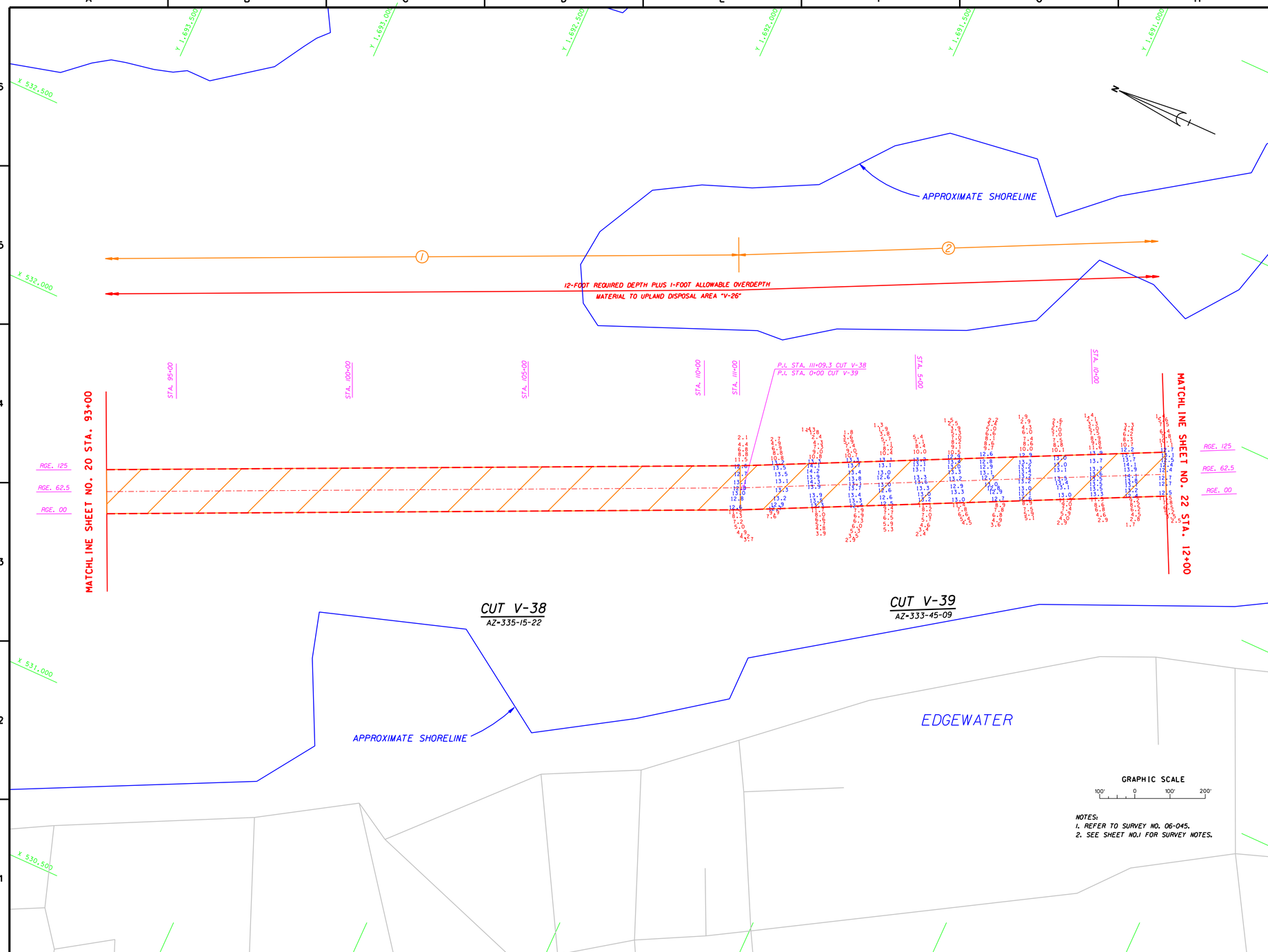
Inv. No. DACW17-XX-X-XXXX
Datum: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X:X:X
Designed by: WRN
Dwn by: WRN
Ckd by: WRN
Date: DEC 2005
D.O.F FILE NO.
File name: 06-045SH01.DGN
Reference files: BNDRSR.DGN LATLONGT2.DGN VGRIDXX.DGN VDLINDX.DGN NEWFLMAP.DGN V_CHANNEL.DGN

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

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dsign XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XX:X

Designed by: DWW
Dwn by: DWW
Chk by: RHW

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

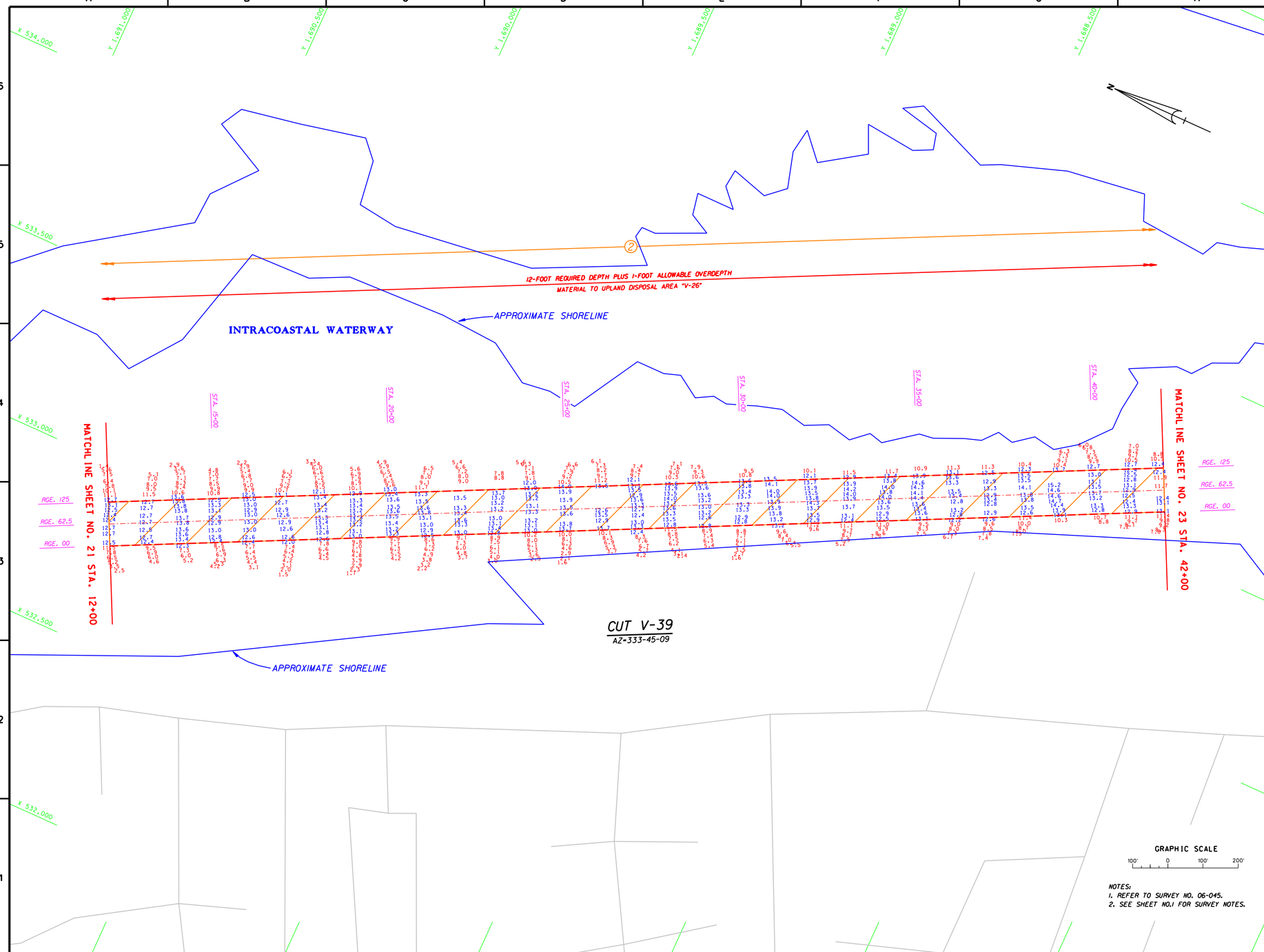
File name: 06-045ad1.DGN
Reference files: BROWN.DGN
SURVEY06-045.DGN
VOLUME06.DGN
06-045H19.DGN

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

.../06-045ad/06-045sh21.dgn 12/16/2005 11:51:45 AM



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

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Dated: DEC 2005
D.O.FILE NO.

File name: 06-045SH22.DGN
Reference files: BRDR98.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

.../06-045ad/06-045sh22.dgn 12/16/2005 01:48:25 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

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Dated: DEC 2005
D.O.FILE NO.

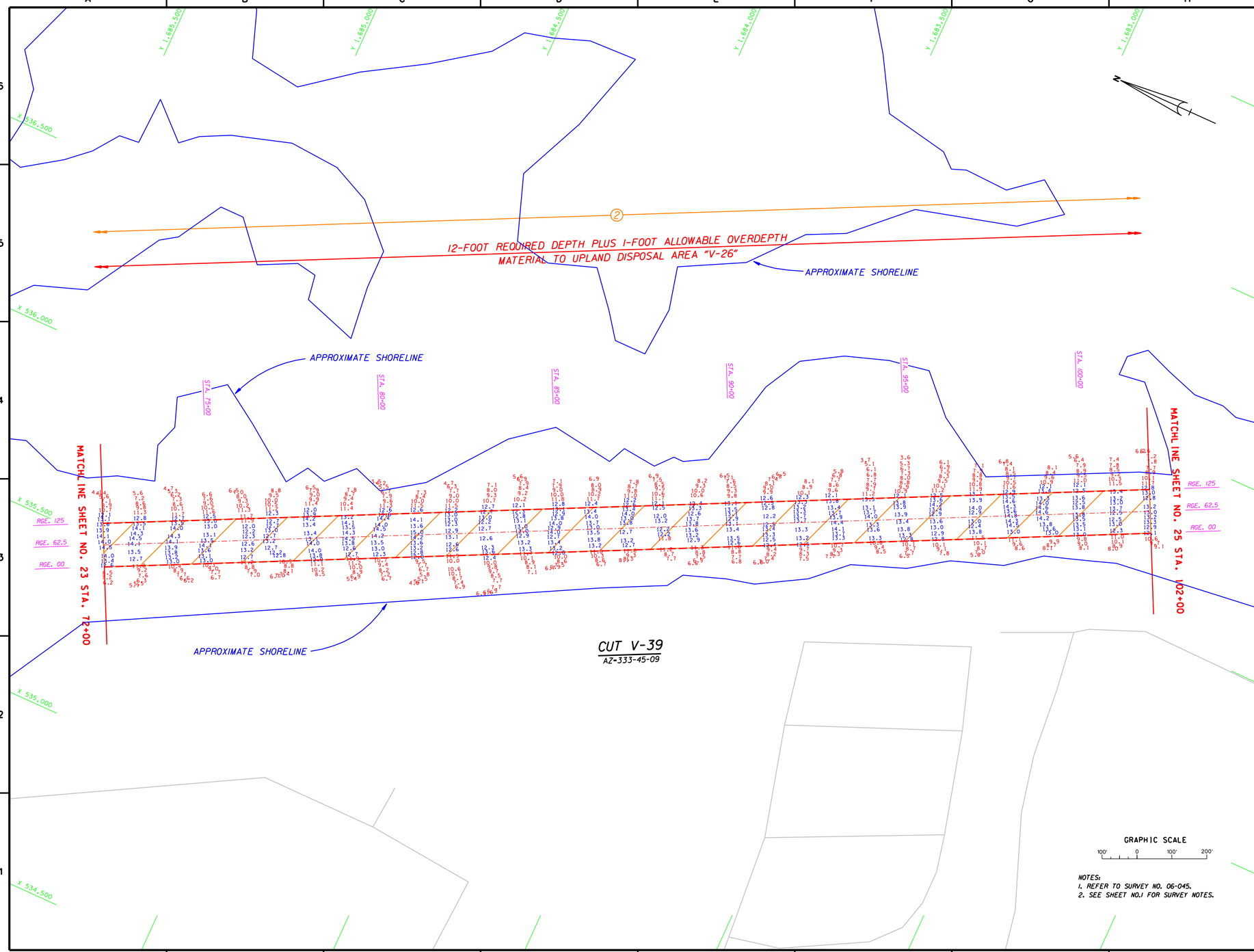
File name: 06-045SH23.DGN
Reference files: BRDR98.DGN
V_CHANNEL.DGN
VOLUBASE.DGN
06-045V39.DGN

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

.../06-045ad/06-045sh23.dgn 12/16/2005 01:50:37 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

No.	Symbol	Zone	Description	Approved

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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X
Dated: DEC 2005
D.O. FILE NO.

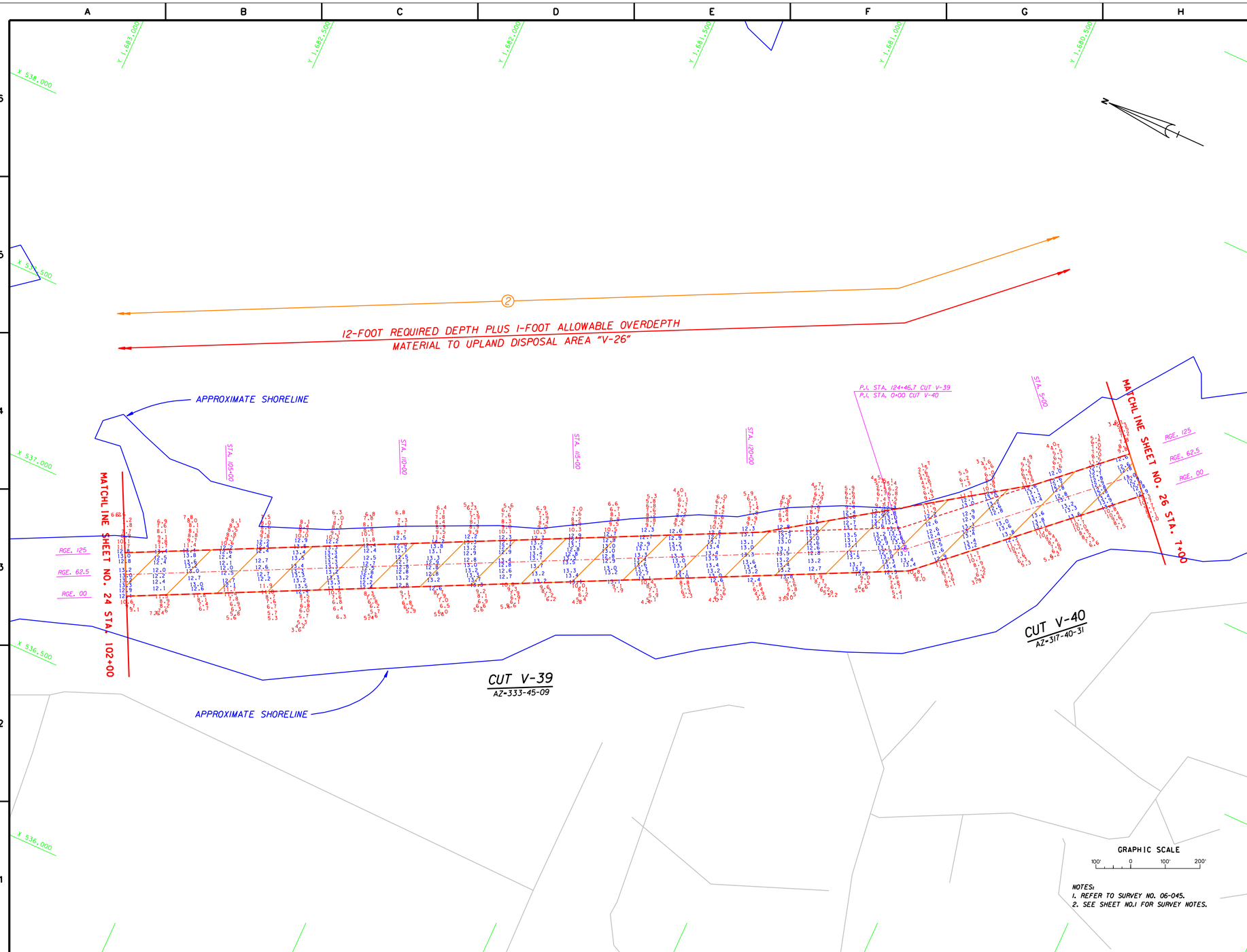
File name: 06-045SH24.DGN
Reference files: BRORB.DGN V_CHANNEL.DGN VOLUBASE.DGN 06-045V39.DGN

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

.../06-045ad/06-045sh24.dgn 12/16/2005 01:53:53 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

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by: RWH
Dwn by: WRM
Ckd by: WRM

Dated: DEC 2005
D.O.FILE NO.

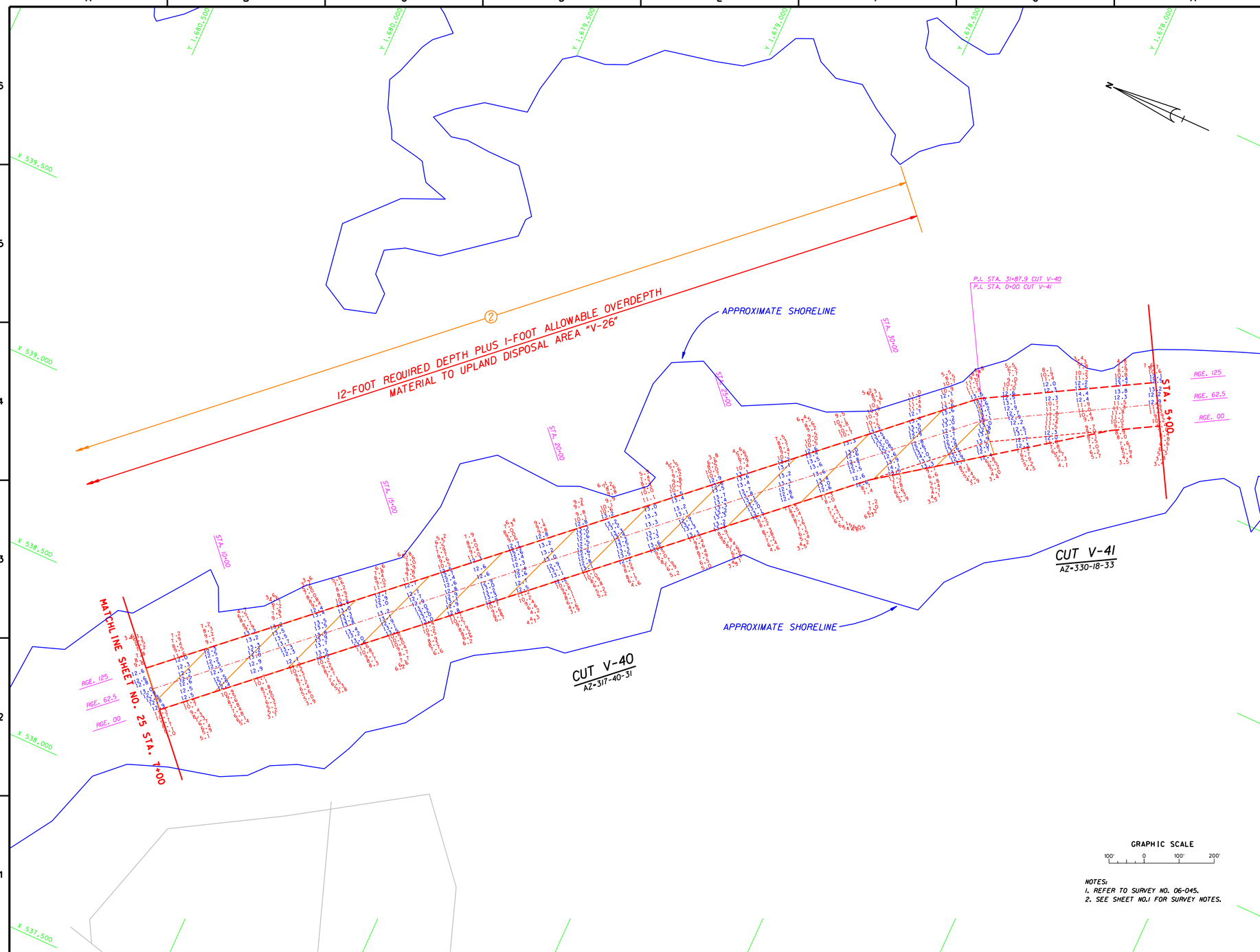
File name: 06-045SH25DGN
Reference files: BRDRR8.DGN VOLUCHL.DGN VOLUBASE.DGN 06-045V39.DGN 06-045V40.DGN

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

.../06-045ad/06-045sh25.dgn 12/16/2005 01:56:47 PM



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

No.	Symbol	Zone	Description	Approved

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 scale 1X1:1
Designed by: DWW
Dwn by: WRN
Ckd by: DWW
Dated DEC 2005
D.O.FILE NO.

File name: 06-045SH26.DGN
Reference files: BKGRND.DGN
BCKGRNDLOCH
VOLCHANGE.DGN
VOLUBASE.DGN
06-045V40.DGN
06-045V41.DGN

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

.../06-045ad/06-045sh26.dgn 12/16/2005 01:59:40 PM