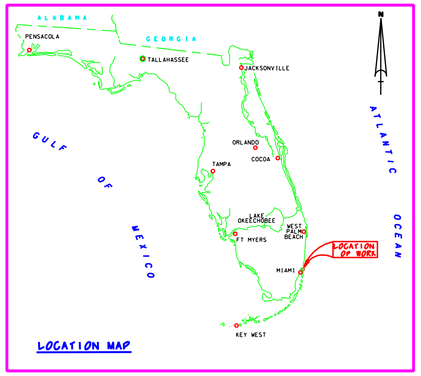
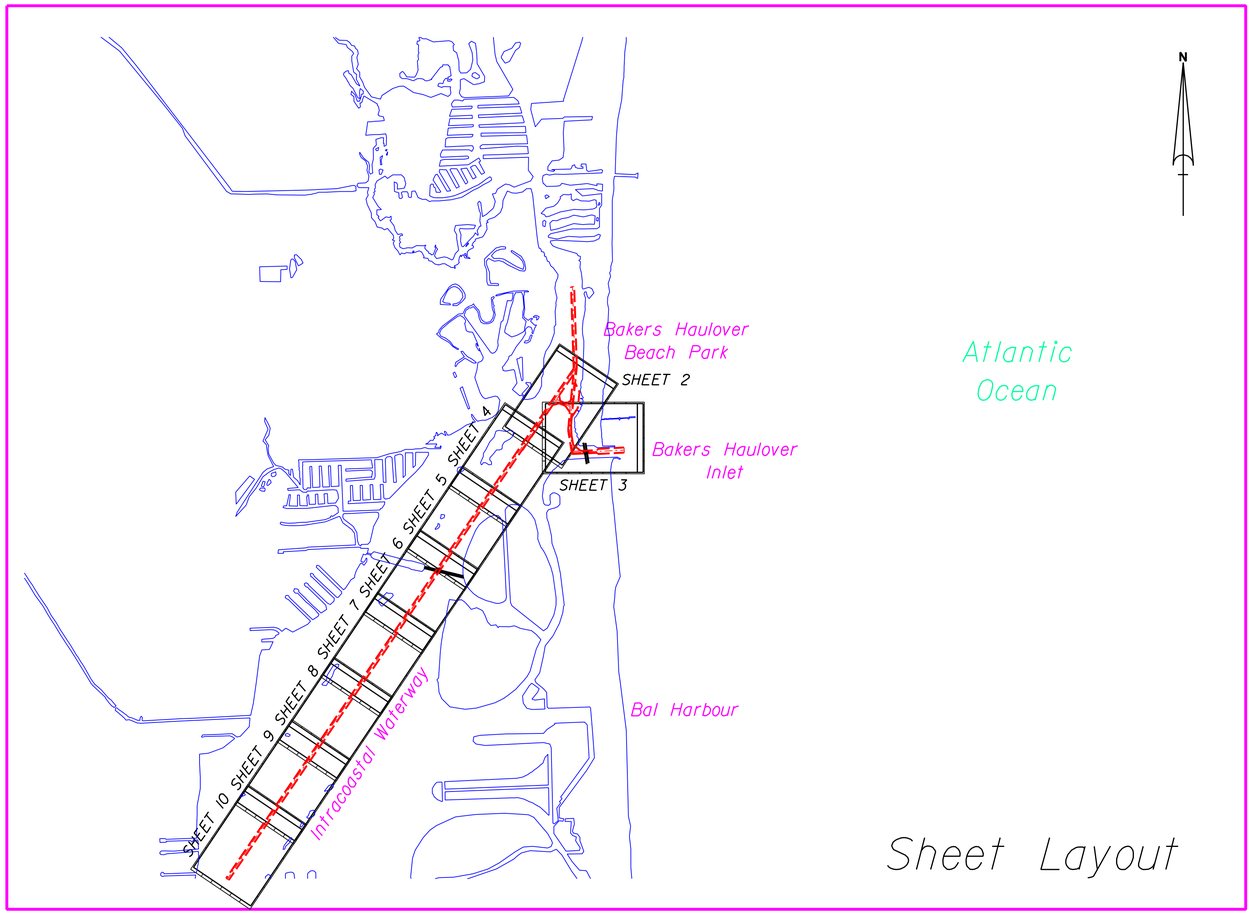
# INTRACOASTAL WATERWAY, CUT DA-9
# AND BAKERS HAULOVER INLET
# DADE COUNTY, FLORIDA
# PROJECT CONDITION SURVEY




LOCATION MAP




Sheet Layout

SURVEY NOTES:

1. REFER TO SURVEY NO. 05-044.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 0.58 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON DOCK PILING IN THE VICINITY OF. AND REFERENCED FROM. BENCHMARK "N.O.S. 1 - 1973".
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 | AREA |
|---|---|---|
| WB-34 | 02 FEB 2005 | CUT DA-9 |

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 AND IS NOT TO BE USED FOR NAVIGATION.
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 SURVEYS. 1 JAN 02.

| BENCHMARK | NGVD ELEV. (FT) |
|---|---|
| NOS 1 -1973 | 4.21 |

Relationship between NGVD 1929 and NOAA Mean Lower Low Water Tidal Datum (1960-1978 epoch)

LEGEND

| | |
|---|---|
| +BM | BENCHMARK |
| | LIGHTED BEACON |
| | GREEN DAYBEACON |
| | RED DAYBEACON |
| | RED LIGHTED BUOY |
| | GREEN LIGHTED BUOY |
| | CAN BUOY |
| | NUN BUOY |
| | TIDE STAFF |

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
Pnt date XX XX XXXX
Pnt scale XX:X
Designed by CWK
Dwn by WRW
Ckd by WRW
Dated FEB 2005
D.O.FILE NO.

File name: G044SH01.DGN
Reference files: 1DGVB0.DGN
NOS-1973.DGN
BAKERS_HA.DGN
IWW_DA9.DGN
DASHNO1.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BAKERS HAULOVER INLET, FLORIDA

PROJECT CONDITION SURVEY
8, 10 AND 11-FOOT PROJECT
COVER SHEET AND INDEX
PLAN

DRAWING NO.
1/3

SHEET 1 OF 10

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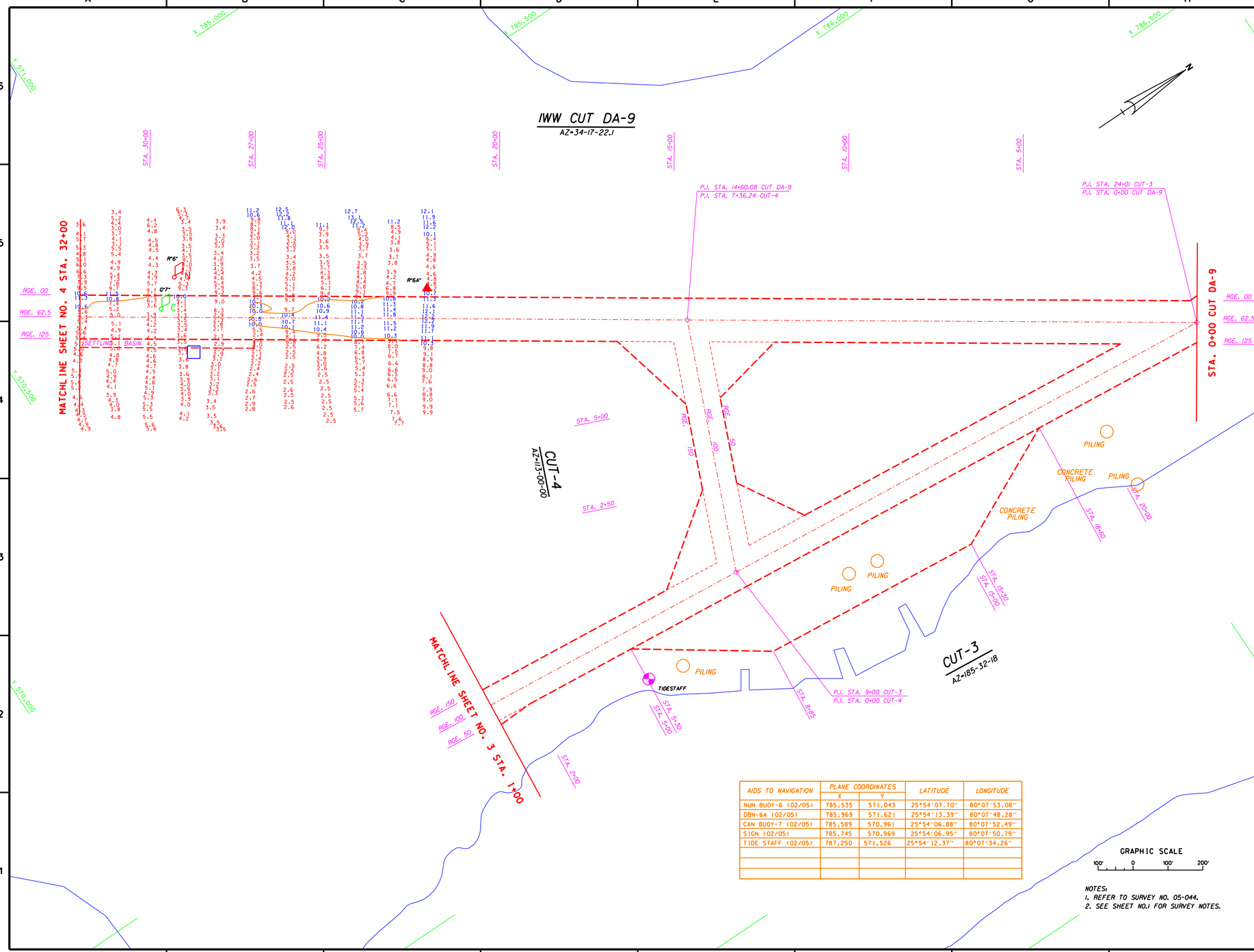


| AIDS TO NAVIGATION | PLANE COORDINATES X | PLANE COORDINATES Y | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| NUN BUOY-6 (02/05) | 785,535 | 571,043 | 25°54'07.70" | 80°07'53.08" |
| DBN-6A (02/05) | 785,969 | 571,621 | 25°54'13.39" | 80°07'48.28" |
| CAN BUOY-7 (02/05) | 785,589 | 570,961 | 25°54'06.88" | 80°07'52.49" |
| SIGN (02/05) | 785,745 | 570,969 | 25°54'06.95" | 80°07'50.79" |
| TIDE STAFF (02/05) | 787,250 | 571,526 | 25°54'12.37" | 80°07'34.26" |
| | | | | |
| | | | | |
| | | | | |

NOTES:
1. REFER TO SURVEY NO. 05-044.
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
Dwgs# XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: CHK
Chk by: WRW
Dwn by: WRW
Date: FEB 2005
D.O.F ILE NO.

File name: CDA-E9403.DGN
References files: CDA-E9403.DGN
IWW_DA9.DGN
DAU_RTS_XA.DGN
CDA-E9403.DGN
CDA-A0A8.DGN
CDA_SURVEY.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BROWARD COUNTY, FLORIDA

PROJECT CONDITION SURVEY
8 AND 10-FOOT PROJECT
STA. 0+00 THRU STA. 7+36.24 CUT-4
STA. 0+00 THRU STA. 24+01 CUT-3
STA. 0+00 THRU STA. 32+00 CUT DA-9
PLAN

DRAWING NO.
2/3

SHEET 2 OF 10

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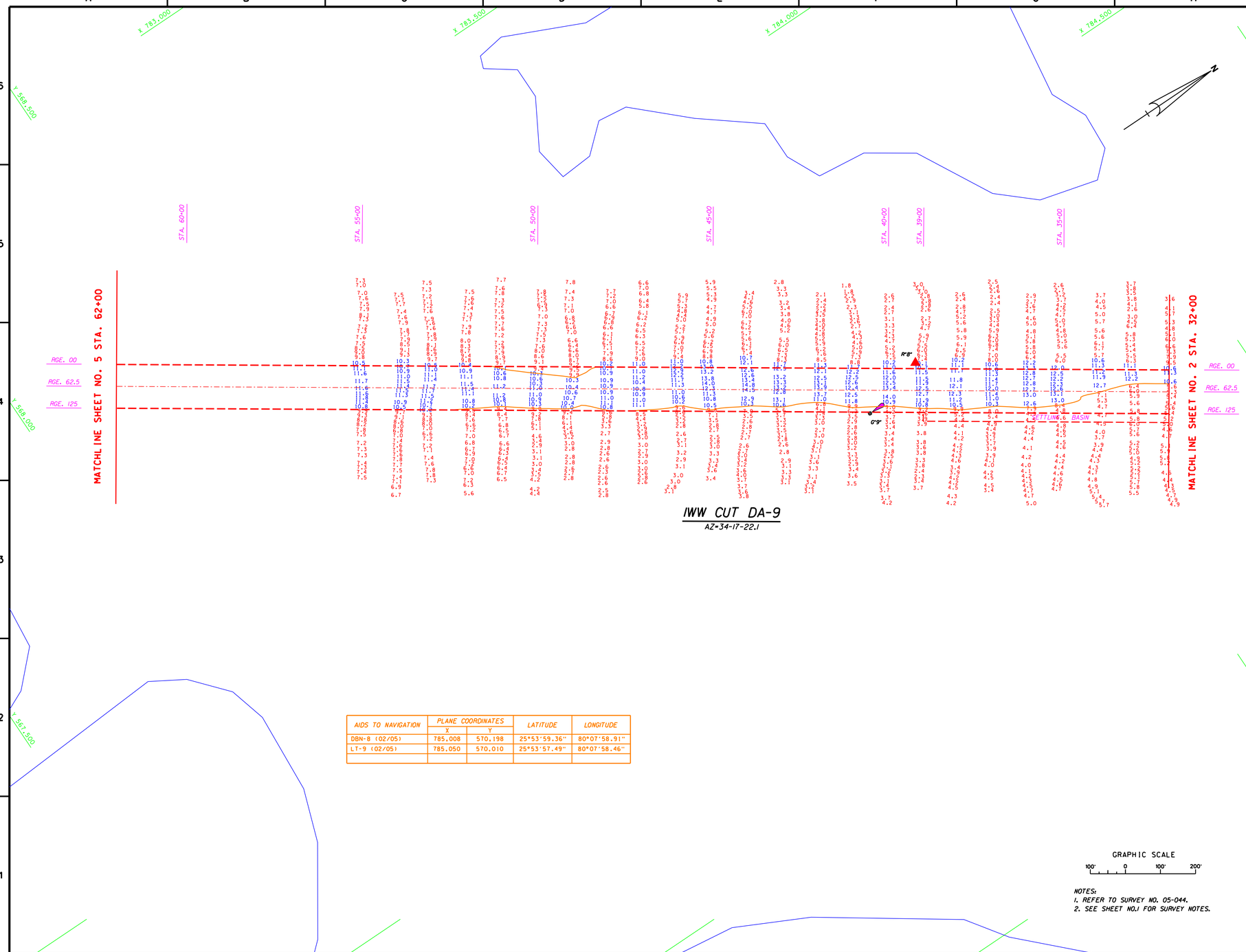


IWW CUT DA-9

AZ=34-17-22.1

| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-8 (02/05) | 785,008 | 570,198 | 25°53'59.36" | 80°07'58.91" |
| LT-9 (02/05) | 785,050 | 570,010 | 25°53'57.49" | 80°07'58.46" |
| | | | | |

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 05-044.
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
Drawn: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot name: XXXX
Designed by: CEC
Dwn by: WRW
Ckd by: GRW
Date: FEB 2005
D.O.F ILE NO.

File name: G044SH04.DGN
Reference files: BKGND8.DGN BKGND9.DGN BMGRS_HA.DGN G044DA9.DGN G044NAV.DGN CON_10.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
BAKERS HALOVER INLET, FLORIDA

PROJECT CONDITION SURVEY
10-FOOT PROJECT
STA. 32+00 THRU STA. 62+00 IWW CUT DA-9
PLAN

DRAWING NO.
3/3

SHEET 4 OF 10

.../IWW_DA9/g044pcs/g044sh04.dgn 02/07/2005 02:45:02 PM