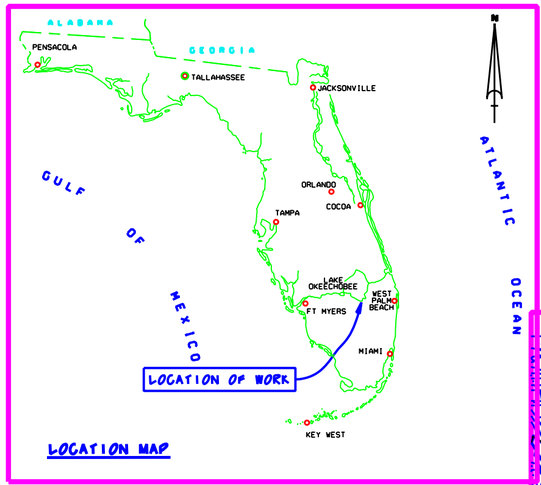
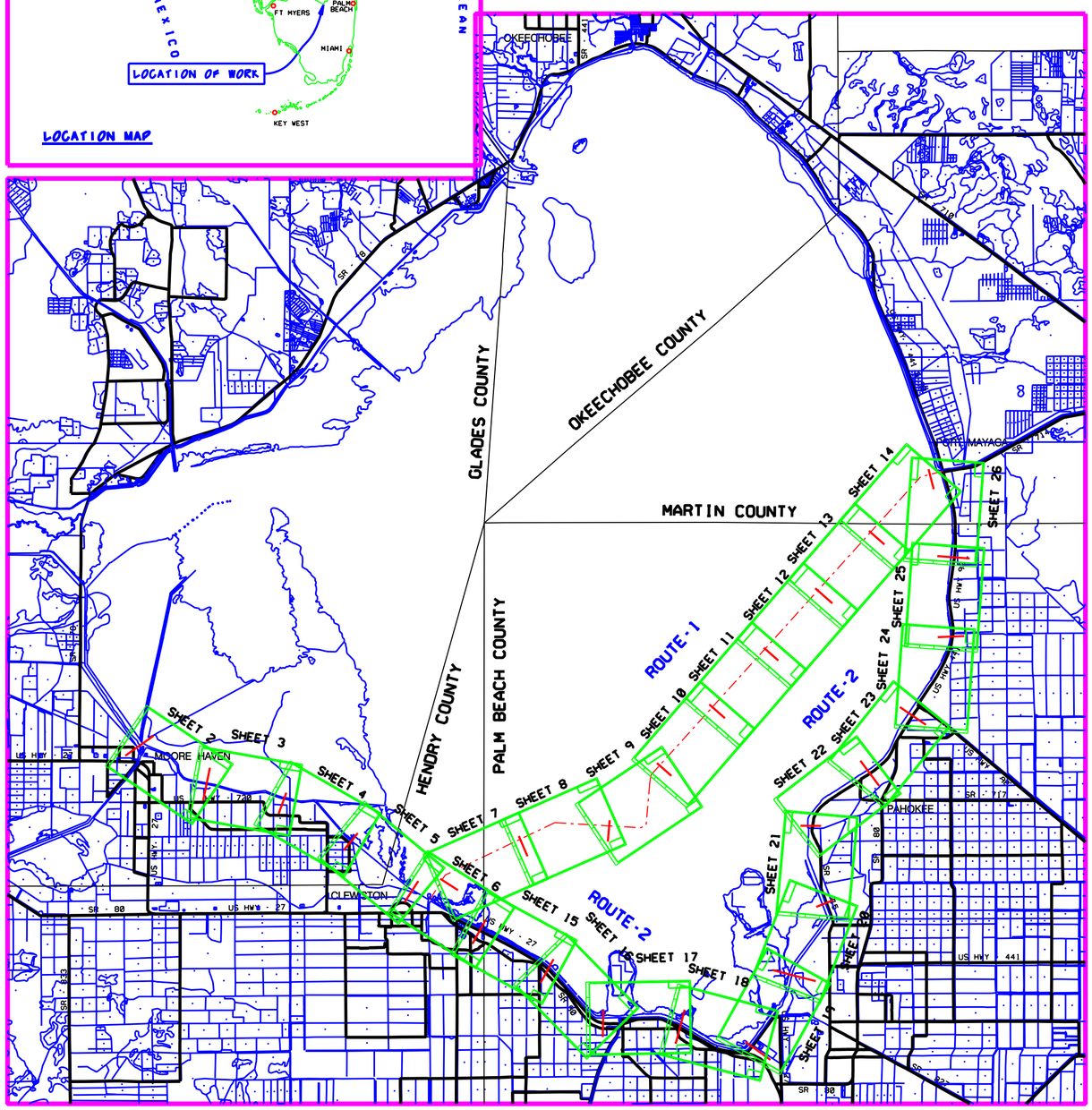
OKEECHOBEE WATERWAY
LAKE OKEECHOBEE ROUTE-1 &
RIM CANAL ROUTE-2
PROJECT CONDITION SURVEY





SURVEY NOTES:

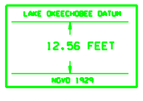
1. REFER TO SURVEY NO. 06-115.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO LAKE OKEECHOBEE DATUM WHICH IS 12.56 FEET ABOVE NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (-) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON A DOLPHIN ON THE NORTH SIDE. WEST ENTRANCE TO PORT MAYACA LOCK AND REFERENCED FROM BENCHMARK "FCE-3838".
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. 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	04-08 MAY 2006	ROUTE 2

8. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
9. 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.
10. 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, 1 JAN 02.

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 NGVD 1929 AND LAKE OKEECHOBEE DATUM

GRAPHIC SCALE
10,000' 0 10,000' 20,000'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Text	Description	Approved

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

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

Designed by: WRD
Dwn by: WRD
Ckd by: WRD

Dated MAY 2005
D.O.FILE NO. XXX-XX.XXX

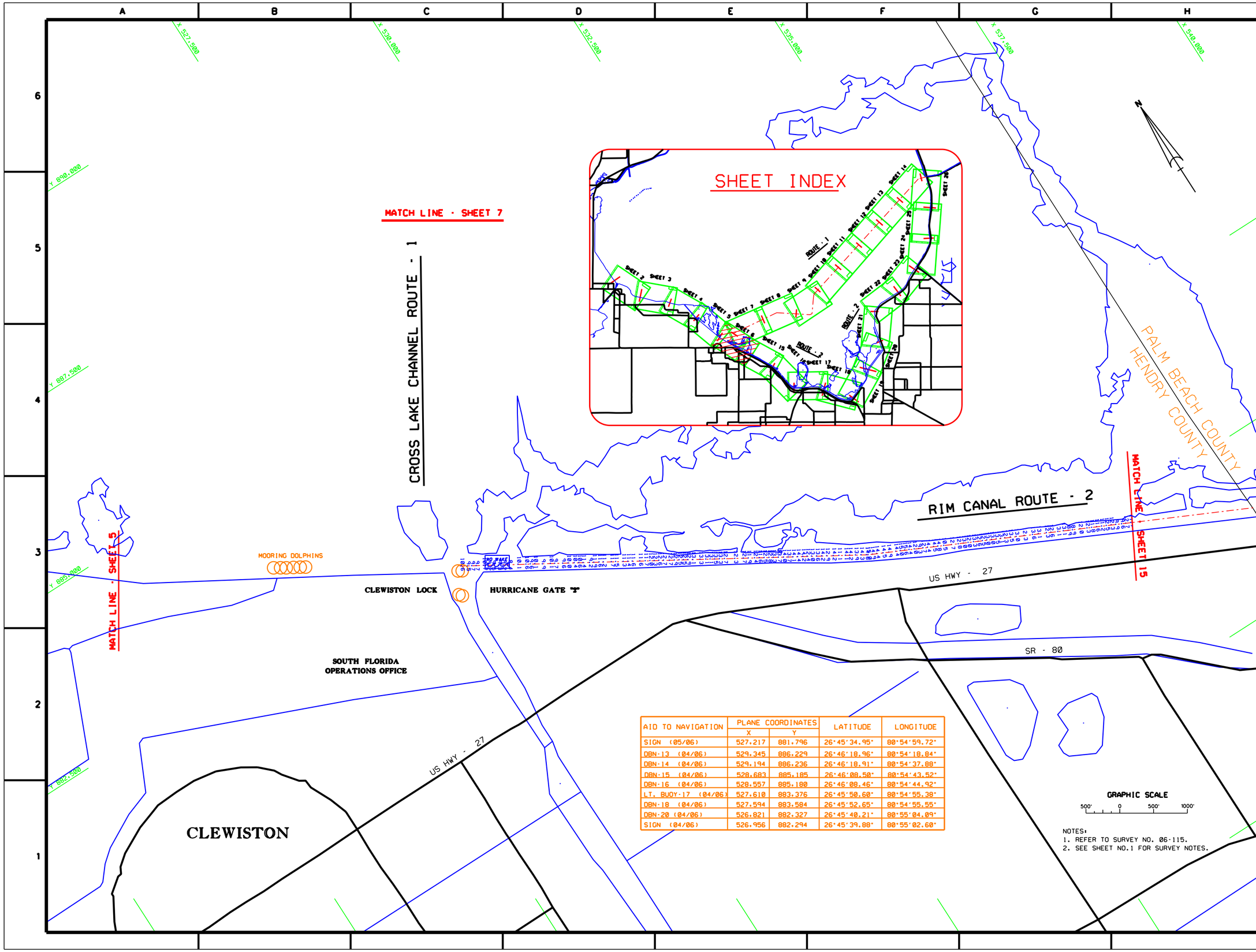
File name: 06-115SH01.DGN
Reference files: GEOREG.DGN NEWFLMAP.DGN TOPO.DGN LAYOUT.DGN

OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
6 & 8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
1/14

SHEET 1 OF 26

...\06-115pcs\06-115sh01.dgn 6/2/2006 10:51:36 AM



AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
SIGN (05/06)	527.217	881.796	26°45'34.95"	80°54'59.72"
DBN-13 (04/06)	529.345	886.229	26°46'18.96"	80°54'18.84"
DBN-14 (04/06)	529.194	886.236	26°46'18.91"	80°54'37.88"
DBN-15 (04/06)	528.683	885.185	26°46'08.50"	80°54'43.52"
DBN-16 (04/06)	528.557	885.180	26°46'08.46"	80°54'44.92"
LT. BUOY-17 (04/06)	527.610	883.376	26°45'50.60"	80°54'55.38"
DBN-18 (04/06)	527.594	883.584	26°45'52.65"	80°54'55.55"
DBN-20 (04/06)	526.821	882.327	26°45'40.21"	80°55'04.09"
SIGN (04/06)	526.956	882.294	26°45'39.88"	80°55'02.60"

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

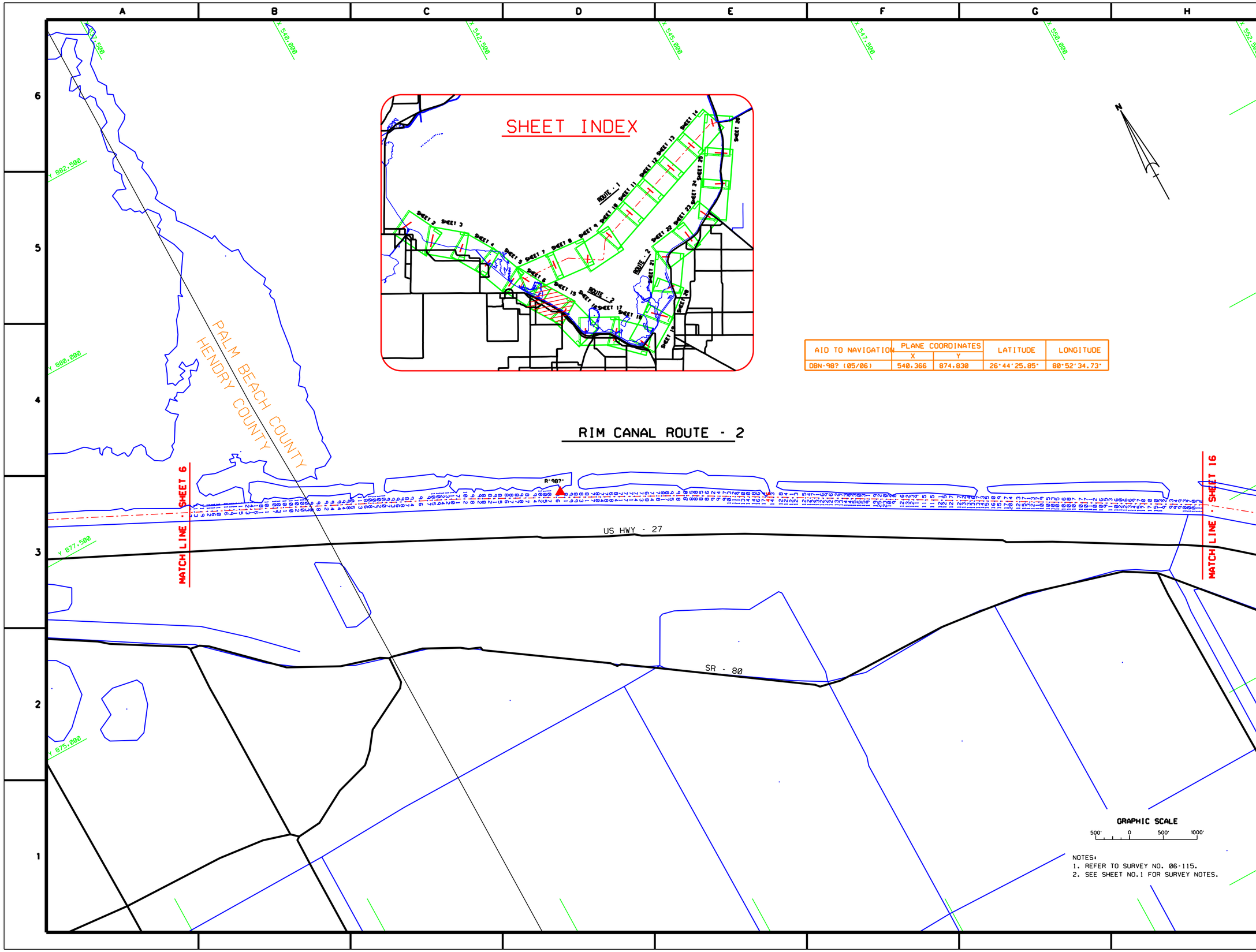
Designed by: JMU
Dwn by: JMU
Ckd by: JMU
Date: MAY 2006
D.O. FILE NO. XXX-XX.XXX

CREECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
2/14

SHEET 6 OF 26

...\06-115pcs\06-115sh06.dgn 6/2/2006 10:53:40 AM



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-98? (05/06)	540.366	874.830	26°44'25.85"	80°52'34.73"

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

OKEECHOBEE WATERWAY, FLORIDA

PROJECT CONDITION SURVEY
8-FOOT PROJECT

CROSS LAKE CHANNEL ROUTE-1 &
RIM CANAL ROUTE-2
PLAN

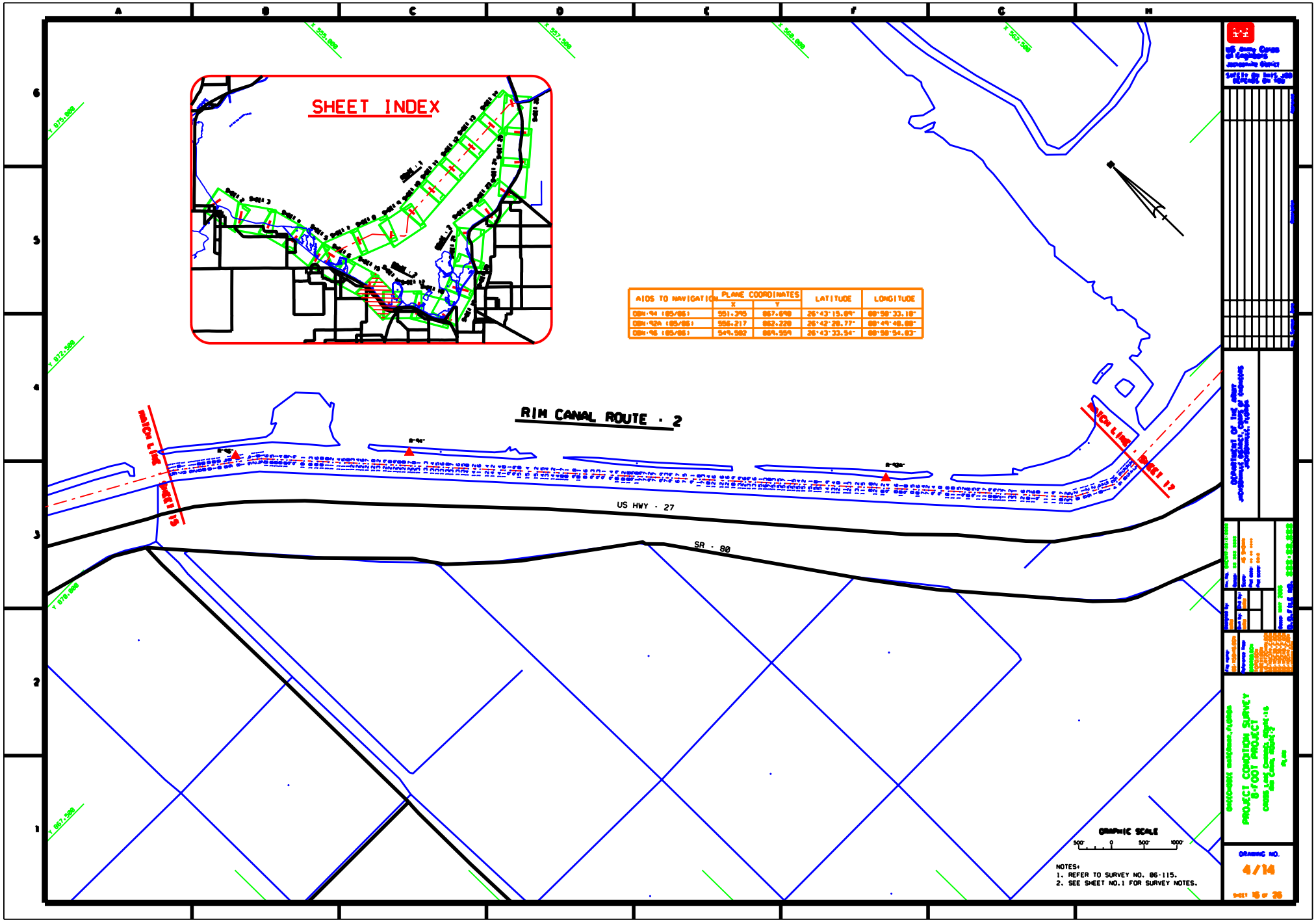
DRAWING NO.
3/14

SHEET 15 OF 26

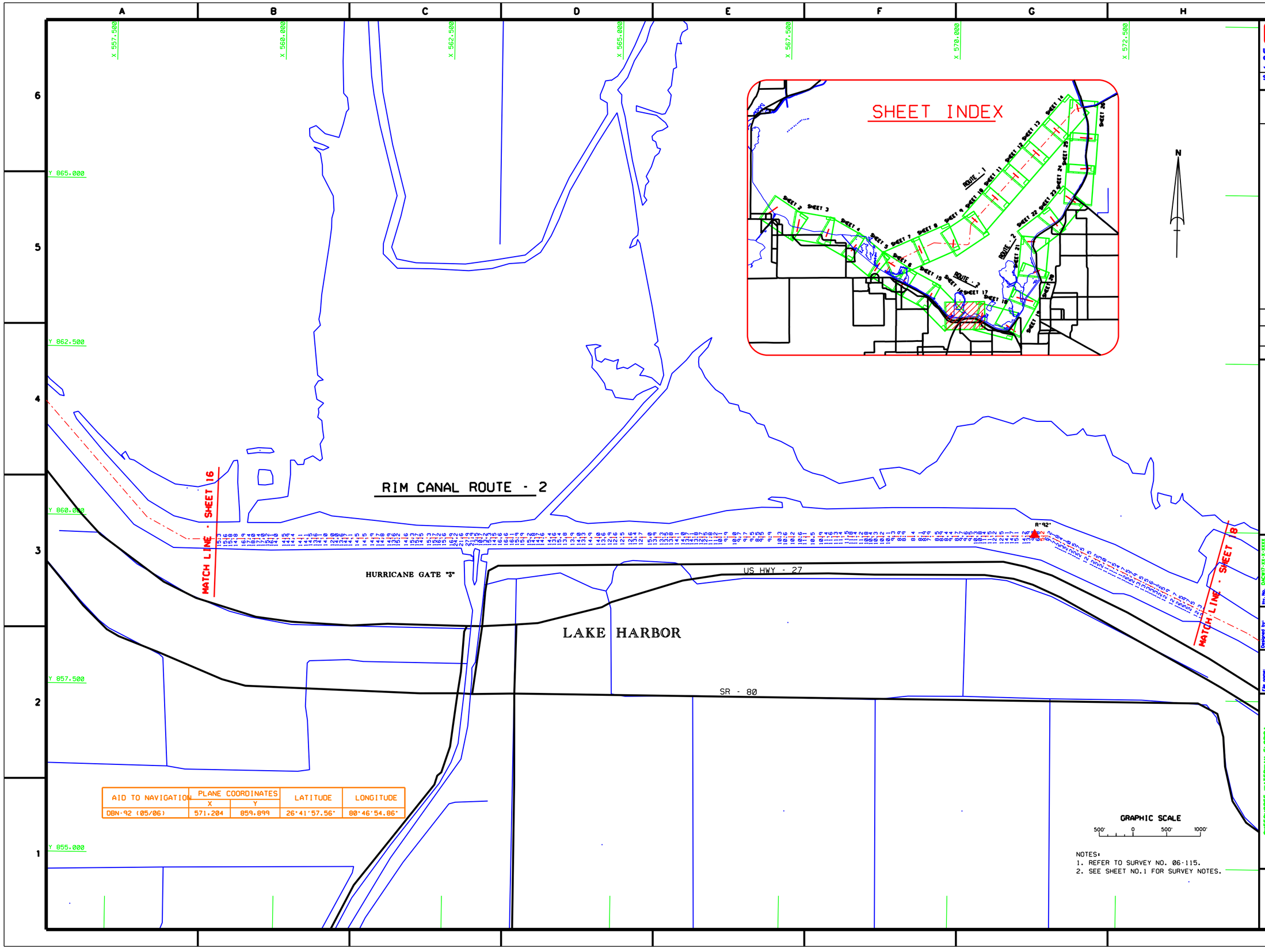
D.O.FILE NO. XXX-XX,XXX

Date: MAY 2006

...\06-115pcs\06-115sh15.dgn 6/2/2006 10:55:43 AM



...\06-115pcs\06-115sh16.dgn 6/2/2006 10:58:57 AM



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-92 (05/06)	571,204	859,899	26°41'57.56"	80°46'54.86"

NOTES:
1. REFER TO SURVEY NO. 06-115.
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
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

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

Date: MAY 2006
D.O. FILE NO. XXX-XX,XXX

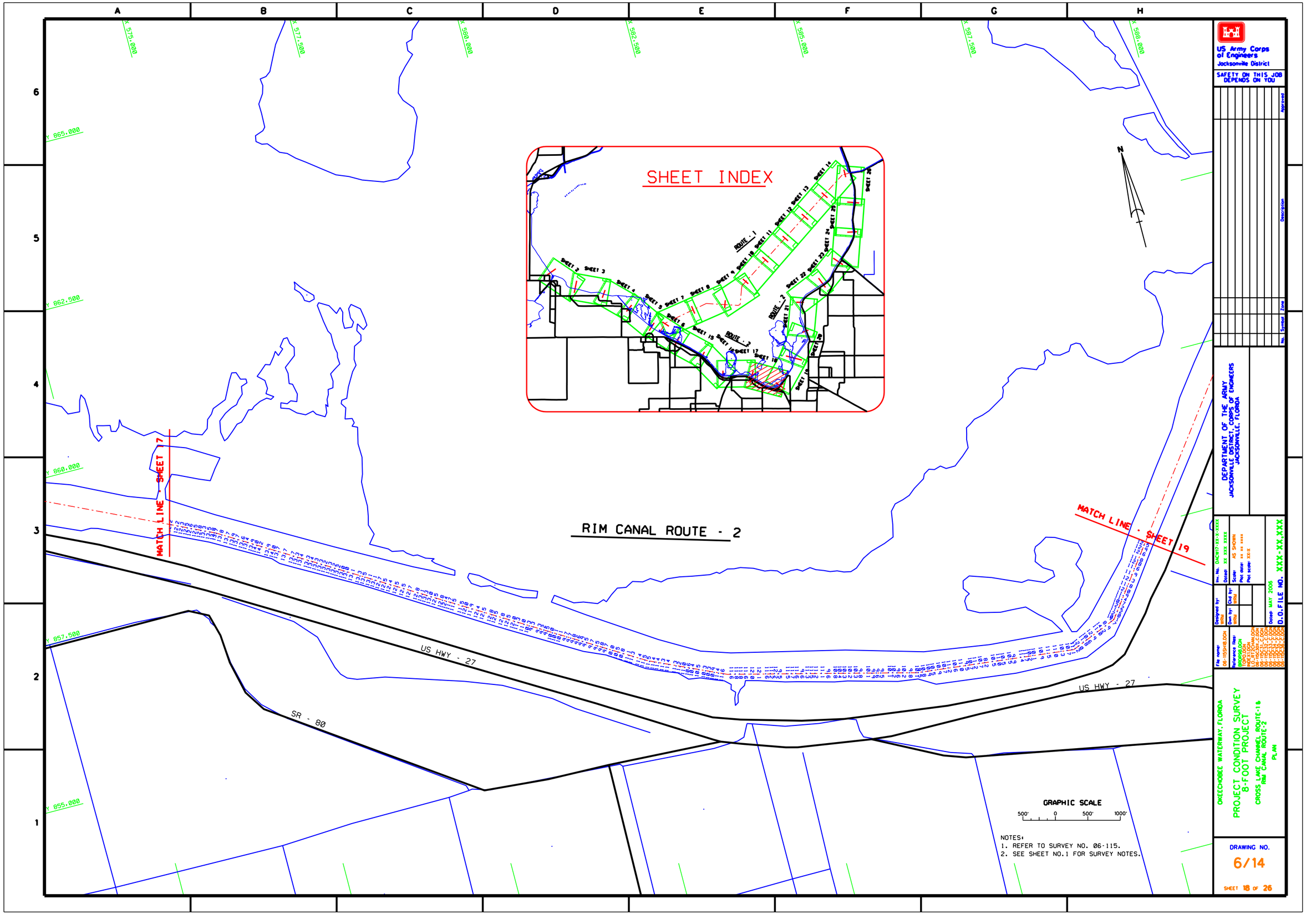
File name: 06-115SH17.DGN
Reference files: BRDR98.DGN TOPO.DGN INDEX1.DGN LO_RT2CHAN.DGN 06-115C36_C.DGN 06-115C37_C.DGN 06-115MAV.DGN

OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

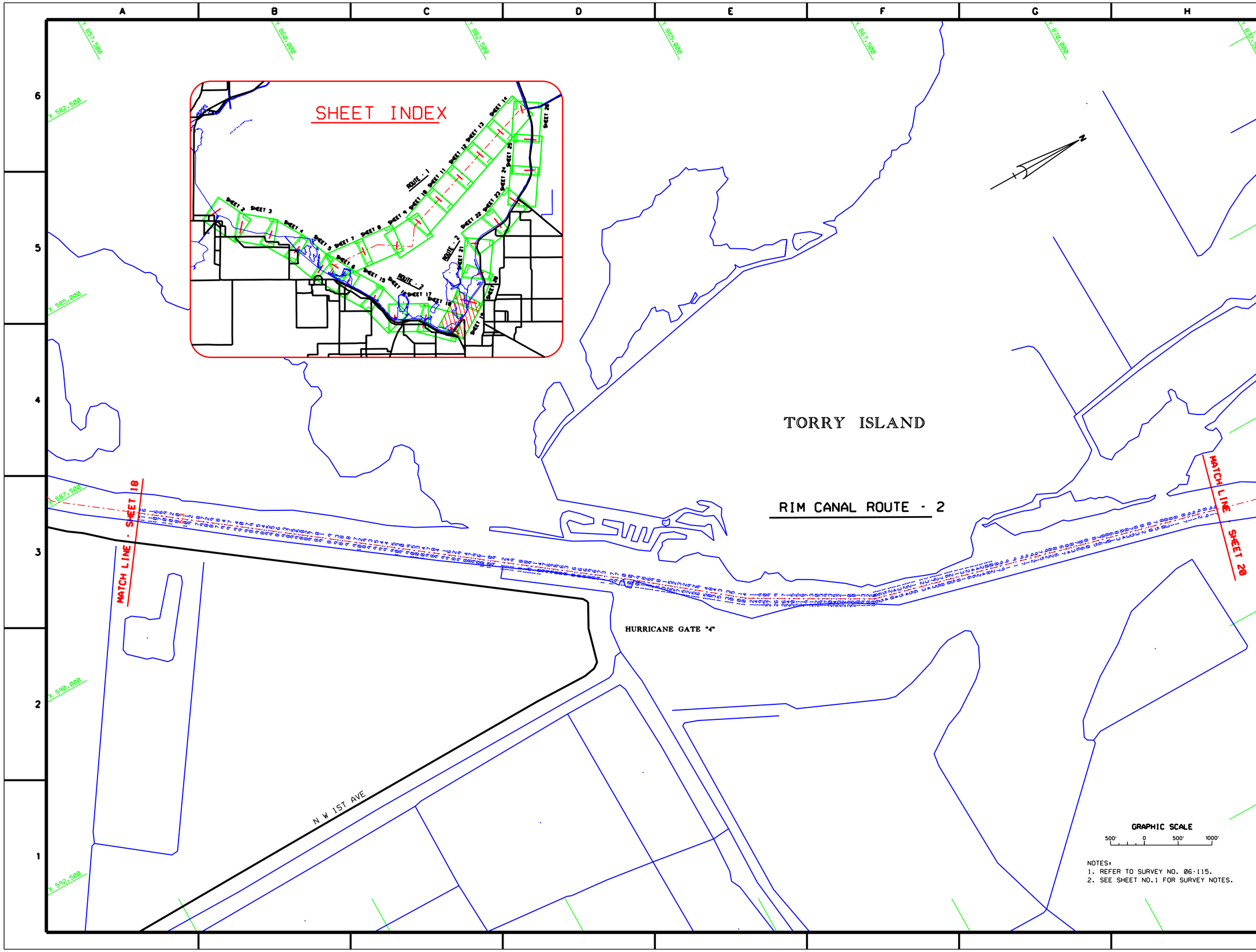
DRAWING NO.
5/14

SHEET 17 OF 26

...\06-115pcs\06-115sh17.dgn 6/2/2006 11:11:16 AM



...\06-115pcs\06-115sh18.dgn 6/2/2006 11:16:07 AM



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

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

Designed by: WRU
Dwn by: WRU
Ckd by: WRU

Dated: MAY 2006
D.O.FILE NO. XXX-XX.XXX

File name: 06-115SH19.DGN
Reference files: B60R98.DGN TOPO.DGN NO.BTM.DGN 06-115CAM.DGN 06-115C28_C.DGN 06-115C29_C.DGN 06-115C30_C.DGN

OKEECHOBEE WATERWAY, FLORIDA

PROJECT CONDITION SURVEY
8-FOOT PROJECT

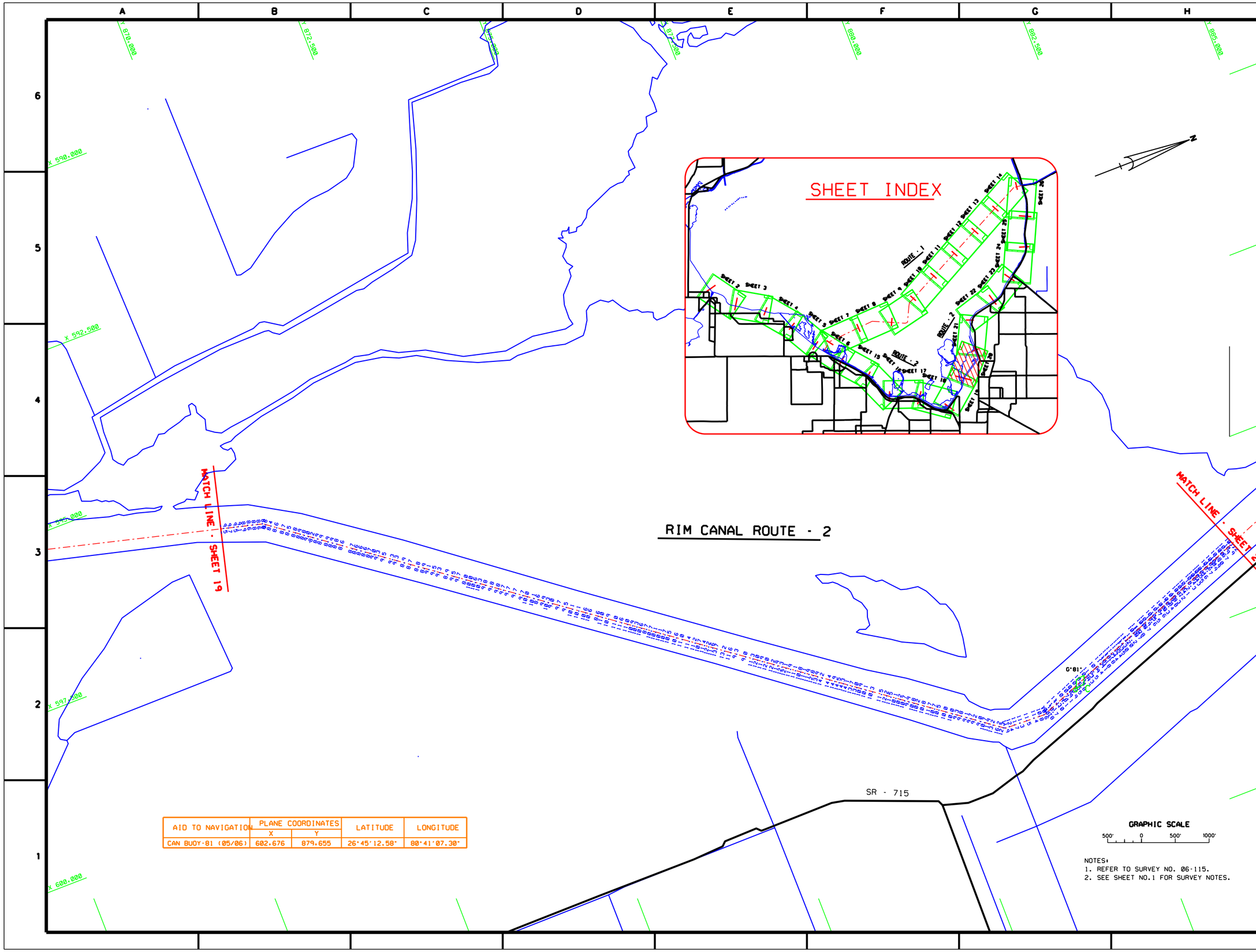
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2

PLAN

DRAWING NO.
7/14

SHEET 19 OF 26

...\06-115pcs\06-115sh19.dgn 6/2/2006 11:19:11 AM



AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
CAN BUOY-81 (05/06)	602.676	879.655	26°45'12.58"	80°41'07.30"

NOTES:
1. REFER TO SURVEY NO. 06-115.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

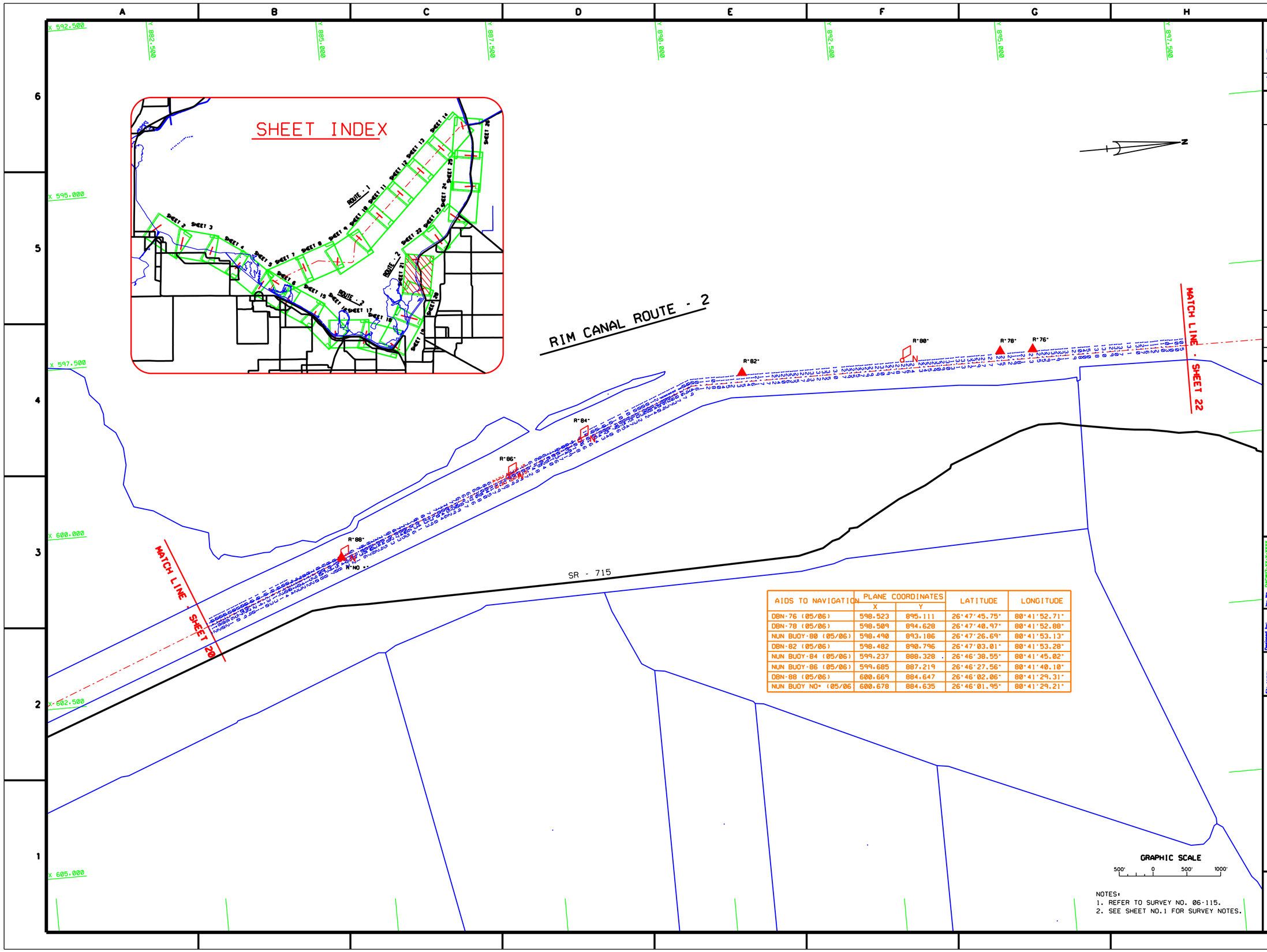
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

D.O. FILE NO. XXX-XX,XXX

OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
8/14
SHEET 20 OF 26

...\06-115pcs\06-115sh20.dgn 6/2/2006 11:21:14 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-76 (05/06)	598.523	895.111	26°47'45.75"	80°41'52.71"
DBN-78 (05/06)	598.509	894.628	26°47'40.97"	80°41'52.88"
NUN BUOY-80 (05/06)	598.490	893.186	26°47'26.69"	80°41'53.13"
DBN-82 (05/06)	598.482	890.796	26°47'03.01"	80°41'53.28"
NUN BUOY-84 (05/06)	599.237	888.328	26°46'38.55"	80°41'45.02"
NUN BUOY-86 (05/06)	599.685	887.219	26°46'27.56"	80°41'40.10"
DBN-88 (05/06)	600.669	884.647	26°46'02.06"	80°41'29.31"
NUN BUOY NO. (05/06	600.678	884.635	26°46'01.95"	80°41'29.21"

NOTES:
1. REFER TO SURVEY NO. 06-115.
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: JRMJ
Dwn by: JRMJ
Ckd by: JRMJ
Date: MAY 2006
D.O.FILE NO. XXX-XX-XXX

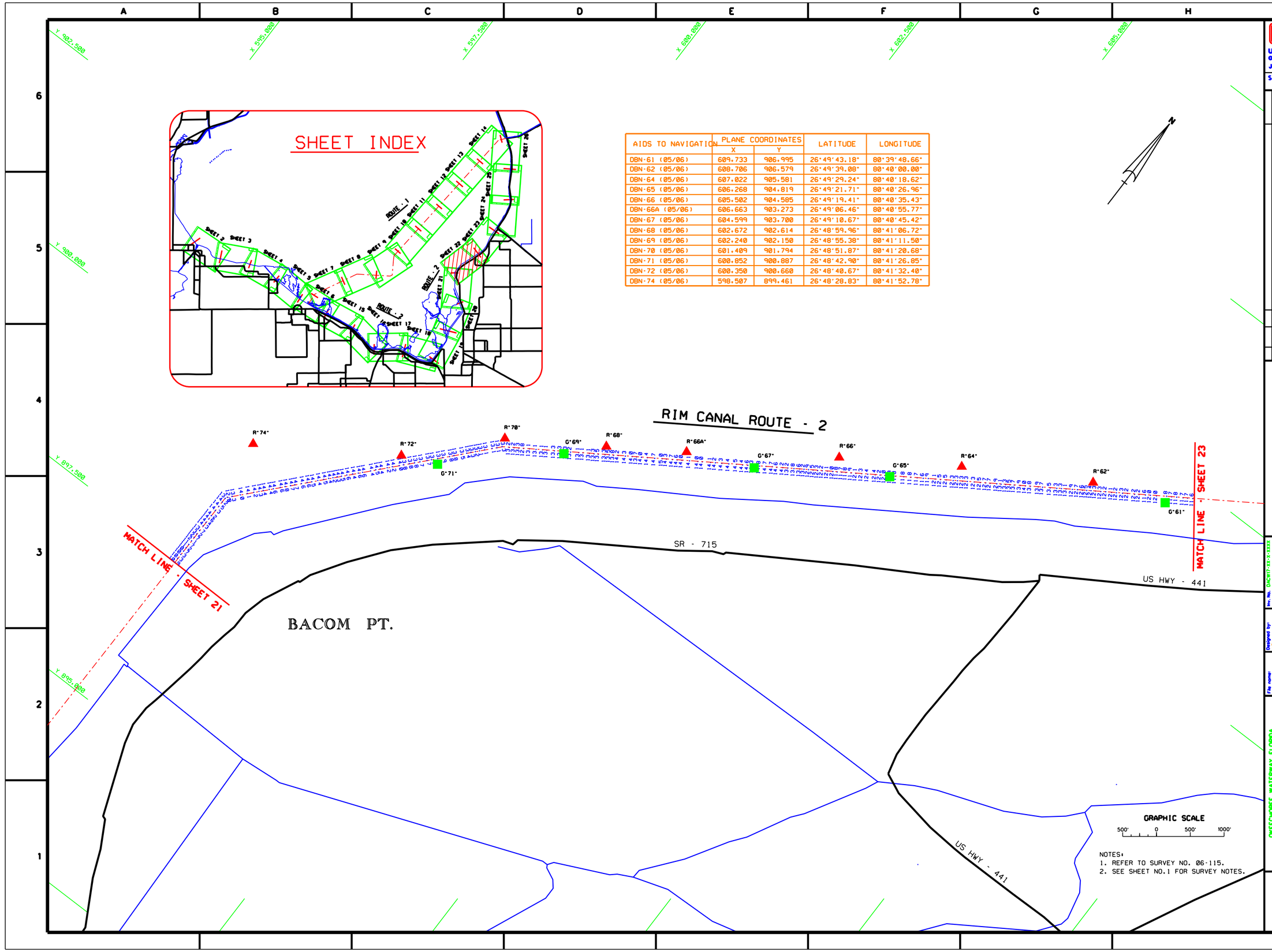
File name: 06-115SH21.DGN
Reference files: BSORGN.DGN TOPO.DGN INDEX100.DGN LO_RT2CHAN.DGN 06-115CC2A_C.DGN 06-115CC2_C.DGN 06-115MAP.DGN

CHEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL, ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
9/14
SHEET 21 OF XXX

...\06-115pcs\06-115sh21.dgn 6/2/2006 11:24:06 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-61 (05/06)	609.733	906.995	26°49'43.18"	80°39'48.66"
DBN-62 (05/06)	608.706	906.579	26°49'39.08"	80°40'00.00"
DBN-64 (05/06)	607.022	905.581	26°49'29.24"	80°40'18.62"
DBN-65 (05/06)	606.268	904.819	26°49'21.71"	80°40'26.96"
DBN-66 (05/06)	605.502	904.585	26°49'19.41"	80°40'35.43"
DBN-66A (05/06)	606.663	903.273	26°49'06.46"	80°40'55.77"
DBN-67 (05/06)	604.599	903.700	26°49'10.67"	80°40'45.42"
DBN-68 (05/06)	602.672	902.614	26°48'59.96"	80°41'06.72"
DBN-69 (05/06)	602.240	902.150	26°48'55.38"	80°41'11.50"
DBN-70 (05/06)	601.409	901.794	26°48'51.87"	80°41'20.68"
DBN-71 (05/06)	600.852	900.887	26°48'42.90"	80°41'26.85"
DBN-72 (05/06)	600.350	900.660	26°48'40.67"	80°41'32.40"
DBN-74 (05/06)	598.507	899.461	26°48'28.83"	80°41'52.78"



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	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: XXX

Designed by: WMG
Dwn by: WMG
Ckd by: WMG

Dated MAY 2006
D.O. FILE NO. XXX-XX.XXX

File name: 06-115SH22.DGN
Reference files: BSORS0.DGN TOPO.DGN INDEX1.DGN 06-115CS1_C.DGN 06-115CS2_C.DGN 06-115CS3_C.DGN 06-115CS4_C.DGN 06-115MAP.DGN

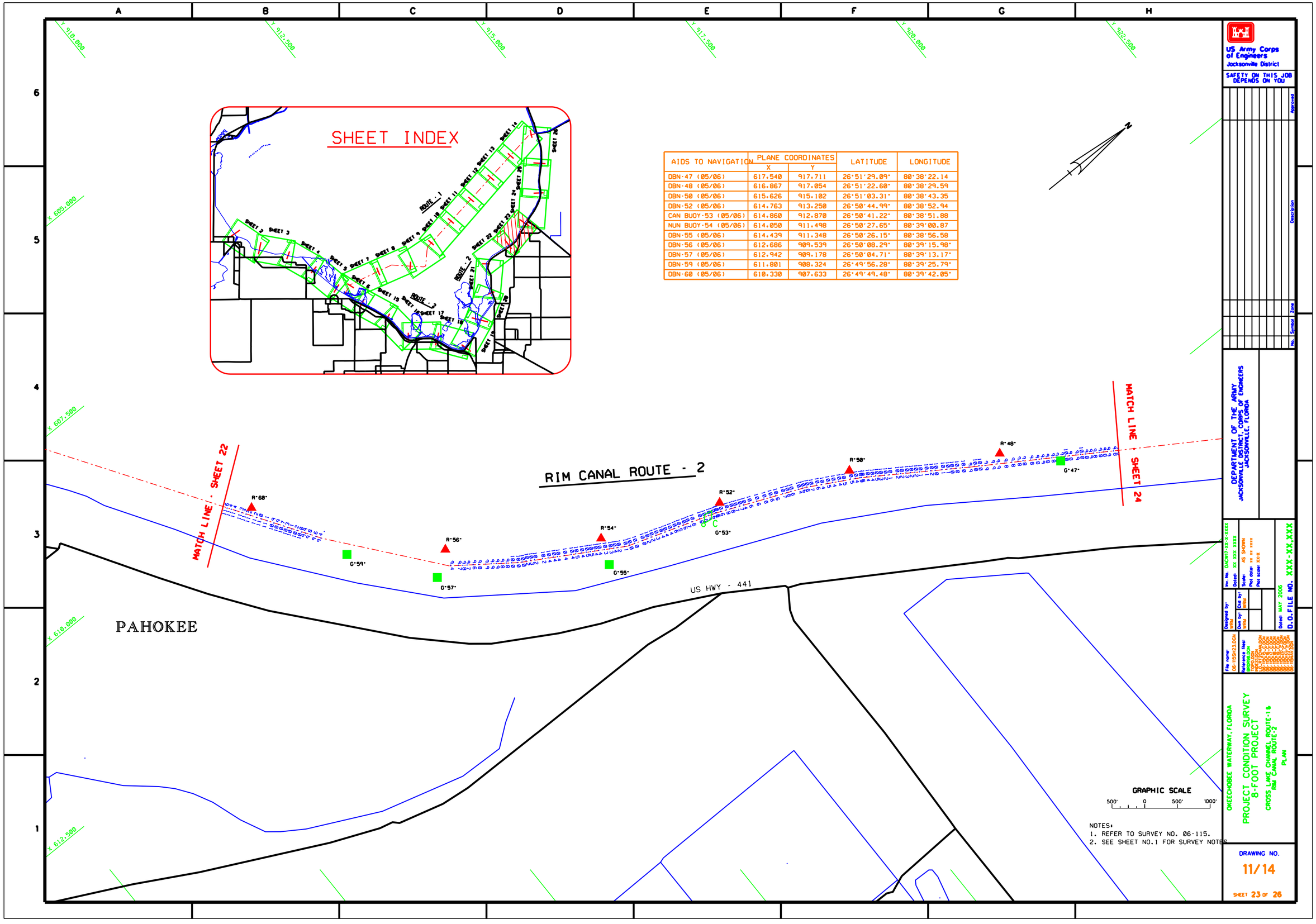
OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
10/14

SHEET 22 OF 26

...\06-115pcs\06-115sh22.dgn 6/2/2006 11:26:00 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-47 (05/06)	617.540	917.711	26°51'29.09"	80°38'22.14
DBN-48 (05/06)	616.867	917.054	26°51'22.60"	80°38'29.59
DBN-50 (05/06)	615.626	915.102	26°51'03.31"	80°38'43.35
DBN-52 (05/06)	614.763	913.250	26°50'44.99"	80°38'52.94
CAN BUOY-53 (05/06)	614.860	912.870	26°50'41.22"	80°38'51.88
NUN BUOY-54 (05/06)	614.050	911.498	26°50'27.65"	80°39'00.87
DBN-55 (05/06)	614.439	911.348	26°50'26.15"	80°38'56.58
DBN-56 (05/06)	612.686	909.539	26°50'08.29"	80°39'15.98"
DBN-57 (05/06)	612.942	909.178	26°50'04.71"	80°39'13.17"
DBN-59 (05/06)	611.801	908.324	26°49'56.28"	80°39'25.79"
DBN-60 (05/06)	610.330	907.633	26°49'49.48"	80°39'42.05"



NOTES:
1. REFER TO SURVEY NO. 06-115.
2. SEE SHEET NO.1 FOR SURVEY NOTES

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

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

Designed by: WRU
Dwn by: WRU
Chd by: WRU

Dated: MAY 2006
D.O. FILE NO. XXX-XX.XXX

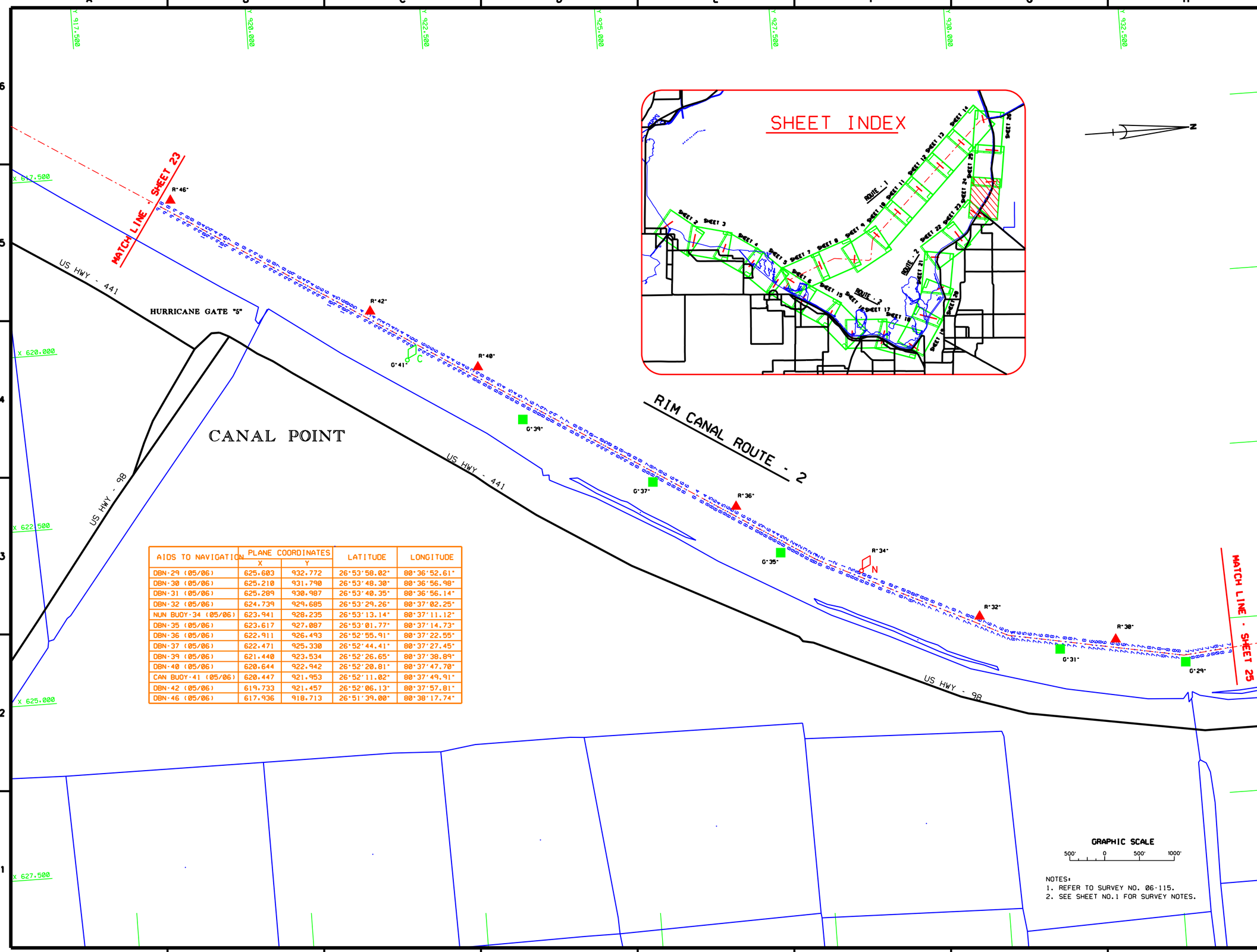
File name: 06-115SH23.DGN
Reference files: 06095G.DGN
06-115BASE.DGN
06-115TOPO.DGN
06-115SURVEY.DGN

OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2
PLAN

DRAWING NO.
11/14

SHEET 23 OF 26

...\06-115pcs\06-115sh23.dgn 6/2/2006 11:29:49 AM



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
DBN-29 (05/06)	625.603	932.772	26°53'58.02"	80°36'52.61"
DBN-30 (05/06)	625.210	931.790	26°53'48.30"	80°36'56.98"
DBN-31 (05/06)	625.289	930.987	26°53'40.35"	80°36'56.14"
DBN-32 (05/06)	624.739	929.685	26°53'29.26"	80°37'02.25"
NUN BUOY-34 (05/06)	623.941	928.235	26°53'13.14"	80°37'11.12"
DBN-35 (05/06)	623.617	927.087	26°53'01.77"	80°37'14.73"
DBN-36 (05/06)	622.911	926.493	26°52'55.91"	80°37'22.55"
DBN-37 (05/06)	622.471	925.330	26°52'44.41"	80°37'27.45"
DBN-39 (05/06)	621.440	923.534	26°52'26.65"	80°37'38.89"
DBN-40 (05/06)	620.644	922.942	26°52'20.81"	80°37'47.70"
CAN BUOY-41 (05/06)	620.447	921.953	26°52'11.02"	80°37'49.91"
DBN-42 (05/06)	619.733	921.457	26°52'06.13"	80°37'57.81"
DBN-46 (05/06)	617.936	918.713	26°51'39.00"	80°38'17.74"

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-X-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: WMM
Dwn by: WMM
Ckd by: WMM

Dated: MAY 2006
D.O. FILE NO. XXX-XX.XXX

File name: 06-115SH24.DGN
Reference files: BIG98.DGN
TOPO.DGN
06-ATCH1.DGN
06-ATCH2.DGN
06-TBCL1.DGN
06-TBCL2.DGN
06-TBCL3.DGN
06-TBCL4.DGN
06-115HWY.DGN

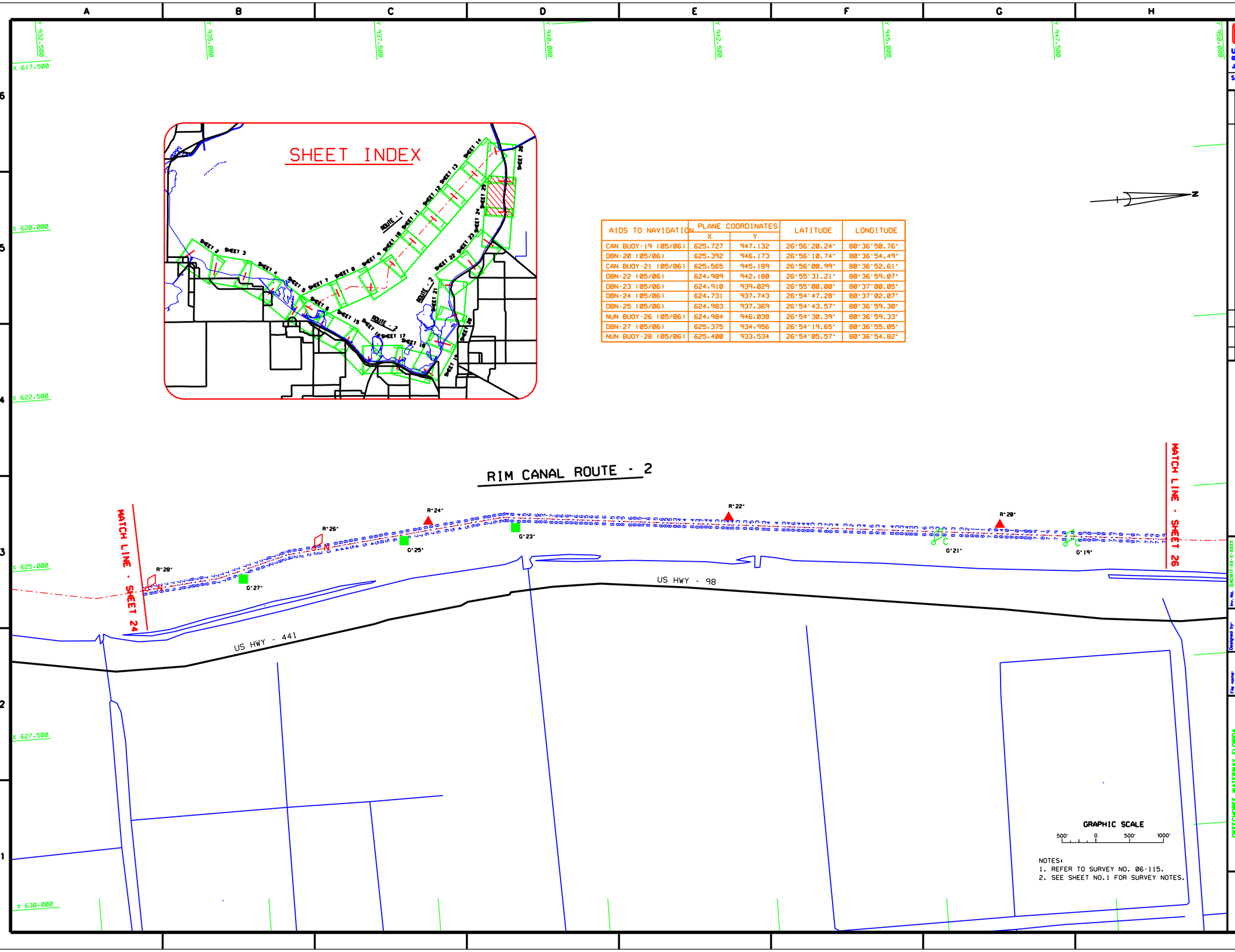
OKEECHOBEE WATERWAY, FLORIDA
PROJECT CONDITION SURVEY
8-FOOT PROJECT
CROSS LAKE CHANNEL ROUTE-1 &
RIM CANAL ROUTE-2
PLAN

DRAWING NO.
12/14

SHEET 24 OF 26

...\06-115pcs\06-115sh24.dgn 6/2/2006 11:32:33 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-19 (05/06)	625.727	947.132	26°56'20.24"	80°36'50.76"
DBN-20 (05/06)	625.392	946.173	26°56'10.74"	80°36'54.49"
CAN BUOY-21 (05/06)	625.565	945.189	26°56'00.99"	80°36'52.61"
DBN-22 (05/06)	624.989	942.180	26°55'31.21"	80°36'59.07"
DBN-23 (05/06)	624.910	939.029	26°55'00.00"	80°37'00.05"
DBN-24 (05/06)	624.731	937.743	26°54'47.28"	80°37'02.07"
DBN-25 (05/06)	624.983	937.369	26°54'43.57"	80°36'59.30"
NUN BUOY-26 (05/06)	624.984	946.038	26°54'30.39"	80°36'59.33"
DBN-27 (05/06)	625.375	934.956	26°54'19.65"	80°36'55.05"
NUN BUOY-28 (05/06)	625.400	933.534	26°54'05.57"	80°36'54.82"



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-XXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX.X

Designed by: WRU
Dwn by: WRU
Ckd by: WRU

Dated: MAY 2006
D.O.FILE NO. XXX-XX.XXX

File name: 06-115SH25.DGN
Reference files: BKDRSB.DGN TOPO.DGN BASE.DGN L.O.RTCHAN.DGN 06-115CS_C.DGN 06-115CS_D.DGN 06-115CS_E.DGN 06-115HAW.DGN

OKEECHOBEE WATERWAY, FLORIDA

PROJECT CONDITION SURVEY
8-FOOT PROJECT

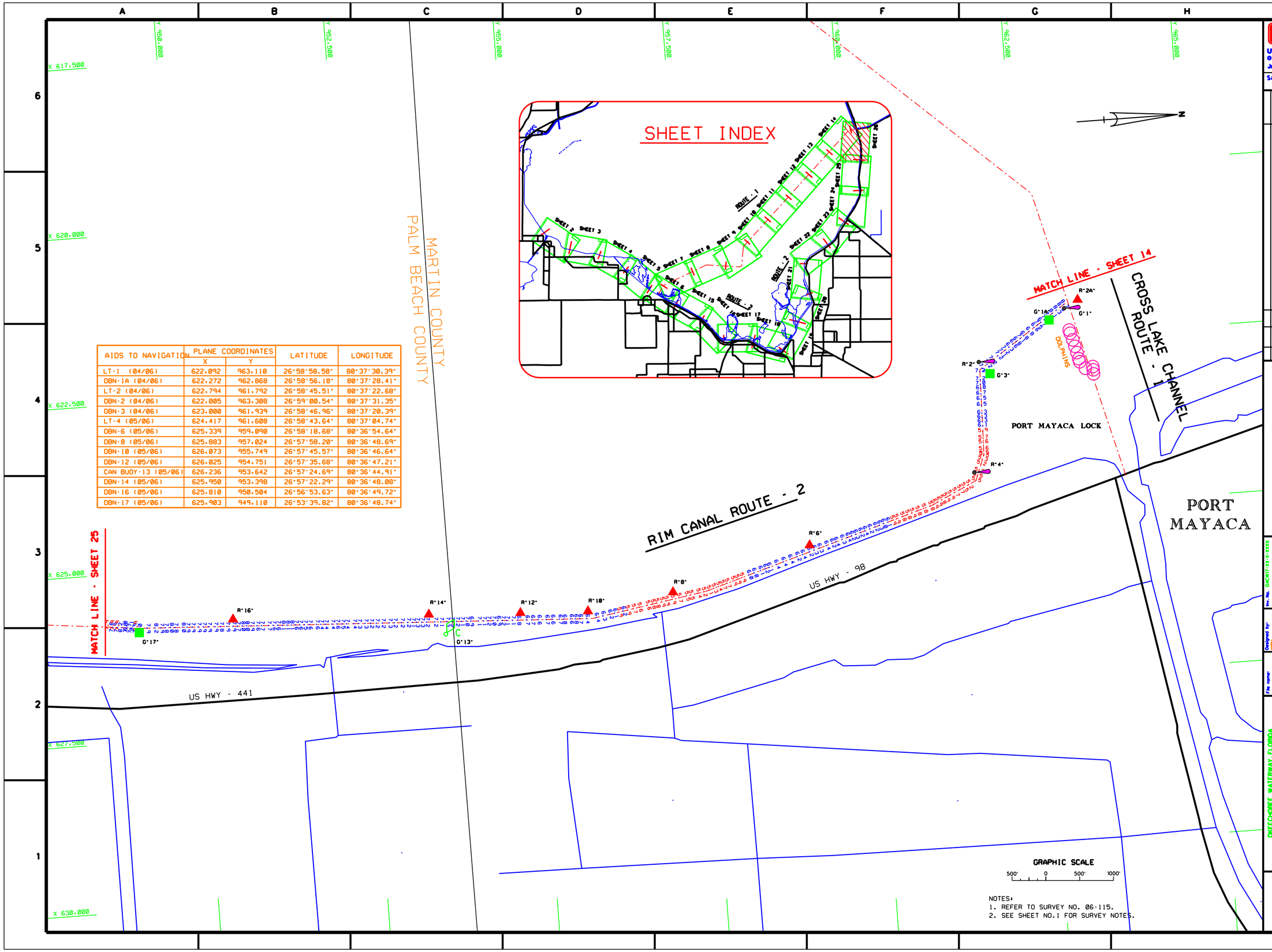
CROSS LAKE CHANNEL ROUTE-1 & RIM CANAL ROUTE-2

PLAN

DRAWING NO.
13/14

SHEET 25 OF 26

...\06-115pcs\06-115sh25.dgn 6/2/2006 11:35:38 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (04/06)	622.092	963.110	26°58'58.58"	80°37'30.39"
DBN-1A (04/06)	622.272	962.868	26°58'56.18"	80°37'28.41"
LT-2 (04/06)	622.794	961.792	26°58'45.51"	80°37'22.68"
DBN-2 (04/06)	622.005	963.308	26°59'00.54"	80°37'31.35"
DBN-3 (04/06)	623.000	961.939	26°58'46.96"	80°37'20.39"
LT-4 (05/06)	624.417	961.608	26°58'43.64"	80°37'04.74"
DBN-6 (05/06)	625.339	959.090	26°58'18.68"	80°36'54.64"
DBN-8 (05/06)	625.883	957.024	26°57'58.20"	80°36'48.69"
DBN-10 (05/06)	626.073	955.749	26°57'45.57"	80°36'46.64"
DBN-12 (05/06)	626.025	954.751	26°57'35.68"	80°36'47.21"
CAN BUOY-13 (05/06)	626.236	953.642	26°57'24.69"	80°36'44.91"
DBN-14 (05/06)	625.950	953.398	26°57'22.29"	80°36'48.08"
DBN-16 (05/06)	625.810	950.504	26°56'53.63"	80°36'49.72"
DBN-17 (05/06)	625.903	949.110	26°53'39.82"	80°36'48.74"

...\06-115pcs\06-115sh26.dgn 6/2/2006 11:42:01 AM