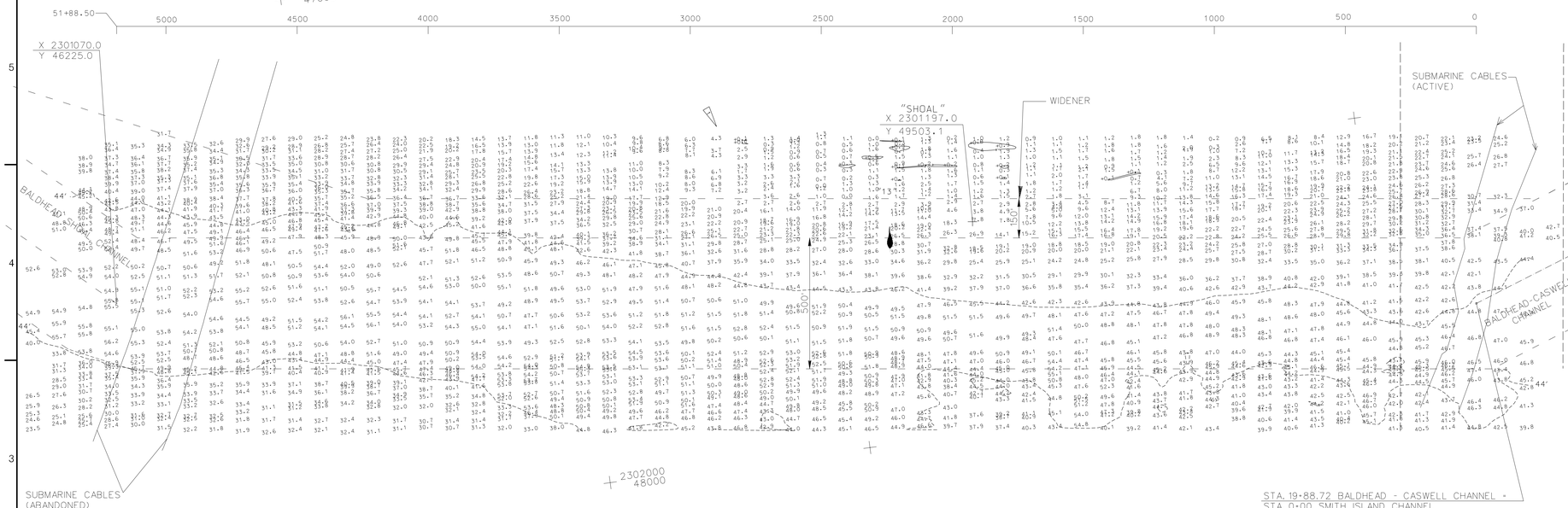
NOTE (CP&L CABLE ROUTE):

CAROLINA POWER & LIGHT (CP&L) WILL INSTALL A NEW UNDERWATER ELECRICAL DISTRIBUTION(3-C ARMOR SHEATH) CABLE ALONG THE CENTERLINE OF THE INDICATED CABLE ROUTE DURING THE CONTRACT PERIOD. THE CABLE WILL BEGIN AT A POINT LOCATED ON FORT CASWELL, CROSS THE SMITH ISLAND CHANNEL, AND WILL TERMINATES AT A POINT LOCATED ON BALDHEAD ISLAND. THE NEW CABLE WILL BE LAID TO A DEPTH OF 6 FEET BELOW THE BOTTOM ON THE LAND PORTION AND TO A DEPTH OF 10 FEET BELOW THE EXISTING CHANNEL BOTTOM. THE CONTRACTOR SHALL COORDINATE HIS DREDGING OPERATIONS WITH CAROLINA POWER & LIGHT IN ORDER TO AVOID ANY CONFLICTS WITH CP&L OPERATIONS CONCERNING THE INSTALLATION OF THE NEW CABLE AND THE REMOVAL OF THE EXISTING CABLES.

NOTE:

DEPTH OF THE SUBMARINE CABLE IS 6 FEET ON THE LAND PORTION AND 4 TO 8 FEET BELOW THE EXISTING CHANNEL BOTTOM ON THE SUBMARINE PORTION AS OF AUGUST 1988. THE EXISTING SUBMARINE CABLES ARE 3-C ARMORE ERP CABLES OWNED BY CAROLINA POWER & LIGHT AND PRESENTLY ARE ACTIVE. THE SUBMARINE CABLES WILL BE REMOVED BY CAROLINA POWER & LIGHT DURING THE CONTRACT PERIOD.



NOTE:

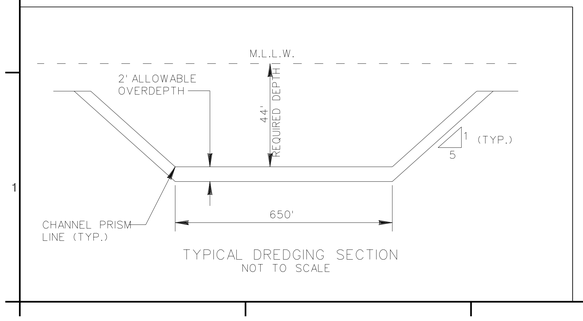
THE EXISTING SUBMARINE CABLES WERE LAID ALONG THE EXISTING CHANNEL BOTTOM IN THE EARLY 1980'S. THE EXISTING SUBMARINE CABLES ARE 3-C LEAD OIL INSULATED CABLES OWNED BY CAROLINA POWER & LIGHT AND PRESENTLY ARE ABANDONED AND NO LONGER IN SERVICE. THE SUBMARINE CABLES WILL BE REMOVED BY CAROLINA POWER & LIGHT DURING THE CONTRACT PERIOD.

SMITH ISLAND CHANNEL

SCALE: 1" = 200'

500 400 300 200 100 0 500

SCALE IN FEET



TYPICAL DREDGING SECTION
NOT TO SCALE

NOTES:

SOUNDINGS ARE EXPRESSED IN FEET AND TENTHS AND REFER TO LOCAL M.L.L.W..

PROJECT SURVEYED WITH DISTRICT SURVEY VESSEL "GILLETTE, SANDERSON", USING D.G.P.S. HORIZONTAL POSITIONING EQUIPMENT AND 200 KHZ SOUNDING EQUIPMENT.

TIDE GAGE LOCATED AT: PREACHERS DOCK.

HORIZONTAL DATUM NAD 1983

NAVIGATION AIDS LOCATED BY SURVEY VESSEL, ACCURACY +/- 3 METERS.

LT. BUOY	# 13	2301273	49176
"SHOAL"		2301197	49503

THIS PROJECT WAS DESIGNED BY THE WILMINGTON DISTRICT OF THE U.S. ARMY CORPS OF ENGINEERS. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED BY ER 1110-1-8152.

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

THIS MAP SHOWS CONDITION OF CHANNEL AFTER DREDGING BY THE DREDGE "STUYVESANT", BEAN DREDGING COMPANY DURING THE PERIOD FEBRUARY 2001 THRU APRIL 2001. FOR CONDITION OF CHANNEL PRIOR TO DREDGING SEE MAP NO.WH 105-01-15, DATED 21 FEBRUARY 2001.

AFTER DREDGING "STUYVESANT"

US Army Corps of Engineers
Wilmington District

SYMBOL	DESCRIPTION	DATE	APPROVED	SYMBOL	DESCRIPTION	DATE	APPROVED
1	SURVEY COVERAGE OF THE WIDENER AND BALDHEAD CASWELL MAPS COMPLETED 20 JUNE 2001.						

APPROVED BY: CHIEF, NAVIGATION BRANCH
MAP NO.: WH105-01-66
SURVEYED: 16,17 MAY 2001
FILE NAME: SMIS136LOGN
PLOT SCALE: 1" = 200'

SURVEYED BY: SVAWW
DRAWN BY: MARK E. TAYLOR
CHECKED BY:
REVIEWED BY:
DATE: 18 MAY 2001

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
WILMINGTON, NORTH CAROLINA

CONTRACT NO. DACW54-01-C-0012

WILMINGTON HARBOR NC – 96 ACT
SNOWDEN MARSH STA. 0+00 TO BALDHEAD
SHOAL CHANNEL STA. 120+00 DREDGING

SMITH ISLAND CHANNEL

PLATE NUMBER

SHEET OF

PLOTTED DIMENSIONS 35.30" X 24.00"

.../smith/ad/smi136ad.dgn Jul. 24, 2001 11:25:50