

COURTENAY CHANNEL BREVARD COUNTY, FLORIDA PROJECT CONDITION SURVEY 8-FOOT PROJECT

SURVEY NOTES

- REFER TO SURVEY NO. 20-041.
 - SOUNDINGS ARE IN FEET AND TENTHS AND ARE REFERENCED TO MEAN WATER LEVEL (MWL).
 - TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MWL UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "VOLUSIA-BREVARD (W-O_CANAVERALHBR_2016 05 06).KTD".
 - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
 - PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
 - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MWL USING KTD TO CONVERT FROM NAVD88 TO MWL.
NGS MONUMENT "K 404" USED FOR ENTIRE PROJECT. (PID: AK6971)
VERTICAL MEASUREMENTS WERE MADE USING A ROSS 835 SMART SOUNDER DUAL-FREQUENCY SINGLE-BEAM TRANSDUCER OPERATING AT 28/200 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT |
|--------|----------------|------------------|
| SB-50 | 07 NOV 2019 | ENTRANCE CHANNEL |
- AIDS TO NAVIGATION WERE NOT LOCATED DURING THIS SURVEY.
 - 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.
 - 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, 30 NOV 2013.

LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

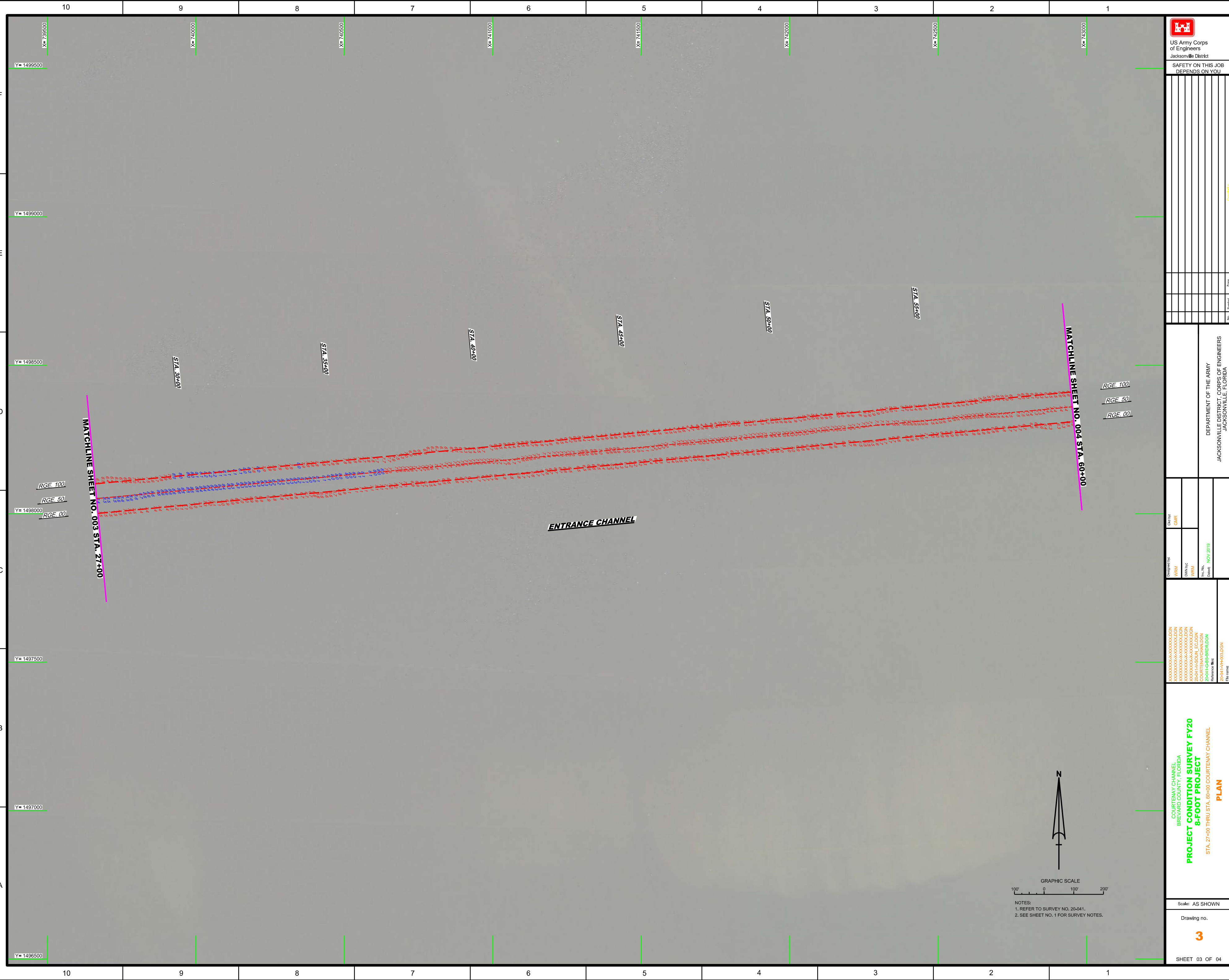
US Army Corps of Engineers
Jacksonville District
SAFETY ON THIS JOB
DEPENDS ON YOU

Checked by: GHR	Designed by: WRM	Drawn by: WRM	File Name: COURTENAYCHAL.DGN
			Reference File: 20-041-10-001.DGN

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

COURTENAY CHANNEL
BREVARD COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY20
8-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN
Drawing no. 1
SHEET 01 OF 04



US Army Corps
of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

No.	Symbol	Zone

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

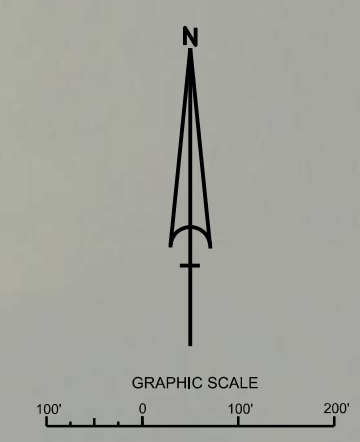
Check by: GMR
Designed by: WRM
Drawn by: WRM
File No.: NOV 2019
Reference files: J24414H0400LDGN

COURTENAY CHANNEL
BREVARD COUNTY, FLORIDA
**PROJECT CONDITION SURVEY FY20
8-FOOT PROJECT**
STA. 27+00 THRU STA. 60+00 COURTENAY CHANNEL
PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 04



NOTES:
1. REFER TO SURVEY NO. 20-041.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

