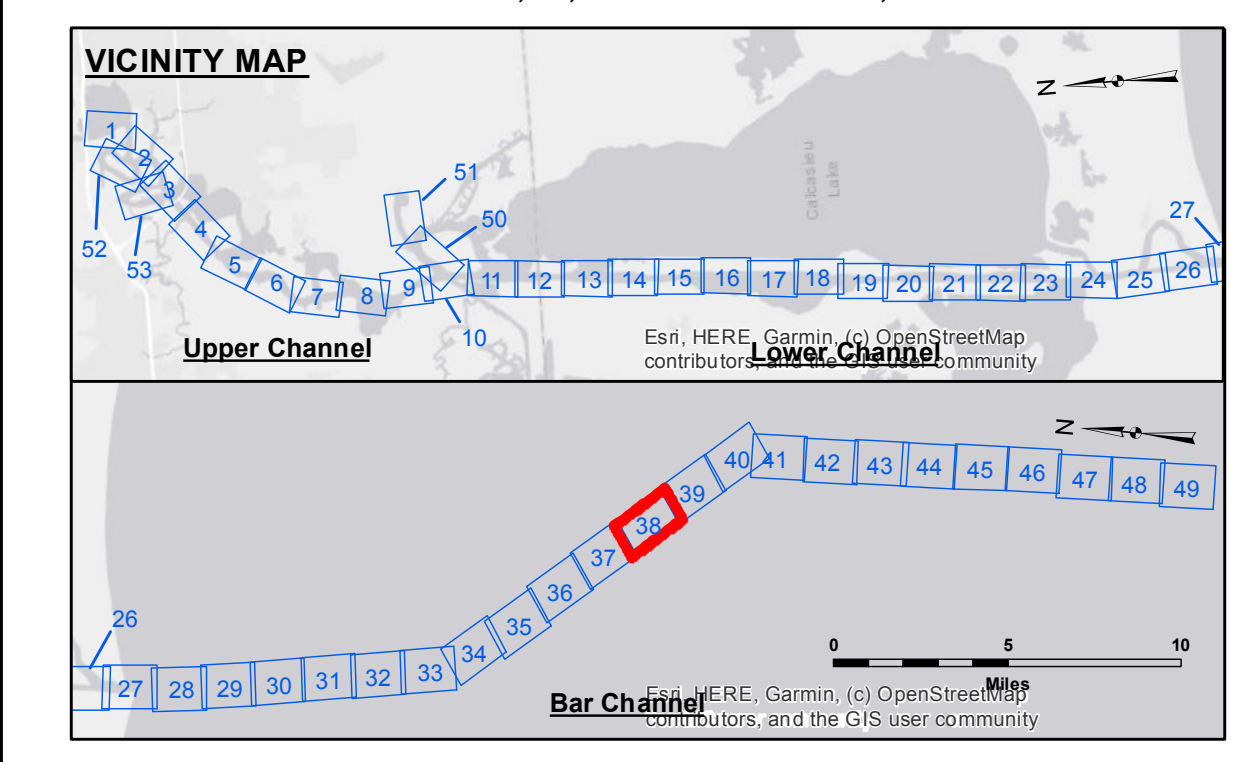
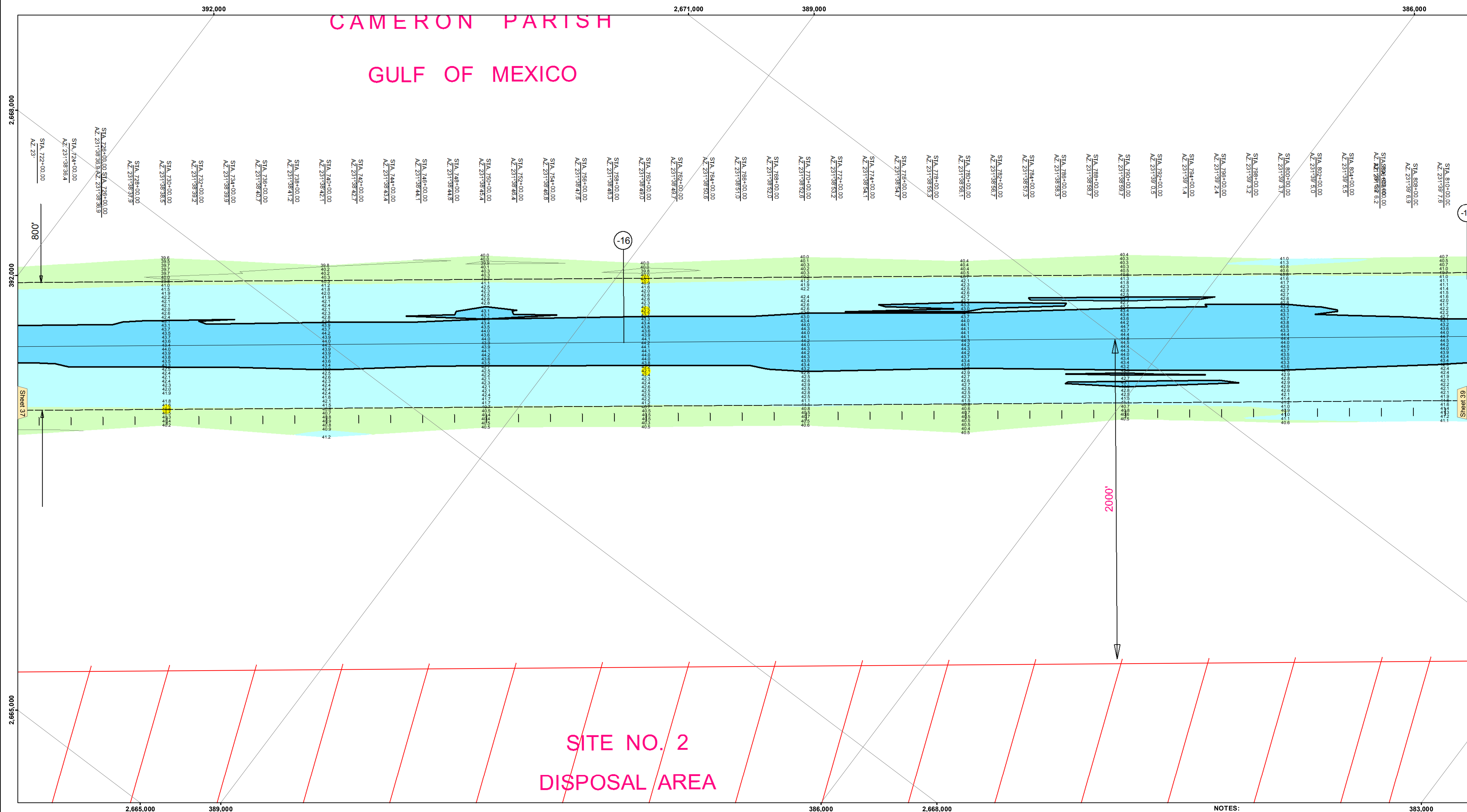


CAMERON PARISH GULF OF MEXICO



LEGEND			
	Federal Navigation Channel		Placement Area
	Federal Navigation Center Line		Obstruction Point
	As-built Pipeline/Cable		Wrecks-Submerged
	Unconfirmed Pipeline/Cable		
	Project Depth Contour		
	Cable Area		Fluff Thickness (feet)*
	Placement Area		Shoalest Sounding**
	Obstruction Point		Beacon, General
	Wrecks-Submerged		Red Navigation Buoy
			Green Navigation Buoy

NOTES:

Horizontal Coordinate System:
North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet.

Vertical Datum:
Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW).
Datum Relationships for gage 73650 as of December 2013:
0.0' NAVD88 (2009.55) = 1.3' MLLW = 2.3' MLG or 0.0' MLLW = 1.0' MLG

Distances on the Calcasieu River are shown at 1 mile intervals.

The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews.

2015 Aerial Photography data source: NAIP

Reference is N.O.A.A. Navigation Chart No. 11339.

* Difference between high and low frequency elevations where greater than 1.0'.
** Shoalest Sounding per Quarter per Reach.

*** High frequency (200 kHz) survey data represents the first signal return at a sounding location and will include suspended solids, known as "fluff", if present. Low frequency (20 kHz) survey data normally penetrates through this "fluff" layer to depict elevations of consolidated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.

Gage Reading: NOAA CALC PASS: 2.2' MLLW AVG
Sea Conditions: CALM
Vessel Name: SV TURPIN
Survey Type: CONDITION
Sounding Frequency***: HIGH



DISCLAIMER:

The information depicted on this map represents the results of a survey conducted by the U.S. Army Corps of Engineers. The data was collected for a specific project and is not intended for any other purpose. The user is responsible for the accuracy of the data and for the results of any analysis or design based on this data. The U.S. Army Corps of Engineers does not warrant the accuracy of the data or the results of any analysis or design based on this data. The user is responsible for the accuracy of the data and for the results of any analysis or design based on this data.

U.S. ARMY CORPS OF ENGINEERS NEW ORLEANS DISTRICT	
Submitted:	Surveyed By: SWG
Recommended:	Plotted By: JH
Checked By: JH	Chief, Waterways Maintenance Section

**CALCASIEU SHIP CHANNEL
BAR SHEET 38
CR_38_BAR_20210917_CS_POSTIDA
17 September 2021**

**Sheet Reference Number
38 of 53**