U.S. ARMY CORPS OF ENGINEERS 371,000 368,000 365,000 HAH US Army Corps of Engineers District: CEMVN CAMERON PARISH Calcasieu Channel Lighted Buoy 6 LT RED BUOY 1.8 LL=44.3 MLLW 1.4 LL=45.3 MLLW LL=45.3 MLLW 358° 5 358° 59' 30" LL=45.3 MLLW 41 0 LL=45.3 MLLW Calcasieu Lighted Buoy 5 LT GREEN BUOY Sheet Reference 41 **of** 53 Revison Number: 4.2-20200420 371,000 368,000 365,000 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. VICINITY MAP Vertical Datum: **LEGEND** Soundings are shown in feet and indicate depths below Mean Lower Low Water Datum (MLLW). -16' and above CAMERON: 0.67 MLLW AVG. Gage Reading: 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 3 Fluff Thickness (feet)\* CALM --- Federal Navigation Channel -16' to -21' Sea Conditions: Cable Area **MV LAFOURCHE** Vessel Name: -21' to -26' Distances on the Calcasieu River are shown at 1 mile intervals. Shoalest Sounding\*\* Survey Type: CONDITION -26' to -33' The location of navigation aids are base on and provided by the U.S. Coast Guard Esri, HERE Garmin, (c) Lower Channel Sounding Frequency\*\*\*: HIGH/LOW and USACE survey crews. As-built Pipeline/Cable [\_\_] Anchorage Area -33' to -39' Beacon, General -39' to -41' 2015 Aerial Photography data source: NAIP ∅ Obstruction Point ..... Unconfirmed Pipeline/Cable Red Navigation Buoy -41' to -43' Reference is N.O.A.A. Navigation Chart No. 11339. Feet Wrecks-Submerged — Project Depth Contour -43' and below \* Difference between high and low frequency elevations where greater than 1.0'. **Green Navigation Buoy** 800 1,200 400 \*\* 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 consoldiated bottom material. Low frequency accuracies may vary depending on channel conditions and fathometer settings.