U.S. ARMY CORPS OF ENGINEERS **US Army Corps** of Engineers District: CEMVN 84+50 P **CURVE 8 DATA** △-=29°16'40.43" D=11°41'5.67" T=128.08 CURVE 7 DATA L=250.56' =15°52'43.83" D=10°59'50.24" T=72.66' L=144.39' R=521.00' F HOUMA SLINE EL. -20 M.L.G. TERREBONNE PARISH WATERWORKS DIST NO. 1 NO. EL-20.0 M. L. G. **RADIO TOWER** .73 53.09 TERREBONNE PARISH 8 ADDITIONAL. WATERWORKS DIST NO. 2 VICINIT PIPELINE NO. EL-18.0 M. L. G. ACCESS 9 0 PIPELINE A NAVIGATION CANAL V BAYOU LECARPE HN_21_LEC_20160114 0 ACCESS 0 0 2016 30+ 0 CURVE 1/0 DATA 00 =39°1/1'22.61" BAYOU LECN_21_LEC_2 D=5° 2'31.07" 3,478,000 389,000 NOTES: VICINITY MAP Horizontal Coordinate System: z do North American Datum of 1983 (NAD83), projected to the State Plane Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** HOUMA: 3.51 MLG Gage Reading: Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). Datum Relationships for 76320 as of July 2014: 0.0' NAVD88 (2009.55) = 2.42' MLG CALM -10' and above Sea Conditions: Borrow Area --- Federal Navigation Channel Cable Area OB-189 Vessel Name: -10' and below Shoalest Sounding** — Federal Navigation Center Line Placement Area CONDITION Survey Type: Distances on the Houma Nav. Canal are shown at 1 mile intervals. Houma Navigation Canal Sounding Frequency***: HIGH ____ Anchorage Area As-built Pipeline/Cable Beacon, General The location of navigation aids are base on and provided by the U.S. Coast Guard and USACE survey crews. ∅ Obstruction Point --- Unconfirmed Pipeline/Cable Red Navigation Buoy Sheet 2010 Aerial Photography data source: NAIP Wrecks-Submerged — Project Depth Contour Reference Reference is N.O.A.A. Navigation Chart No. 11355. Green Navigation Buoy 200 300 100 400 Number ** Shoalest Sounding per Quarter per Reach. 2 **of** 3 *** 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 sri, HERE, DeLorme, Mapmylndia, © ntributors, and the GIS user commu Revison Number: 3.8.0-20150202 material. Low frequency accuracies may vary depending on channel conditions and fathometer