U.S. ARMY CORPS OF ENGINEERS 620,000 3,070,000 of Engineers **District: CEMVN** LAFAYETTE PUBLIC BOAT LAUNCH APPROX. HEAD OF NAVIGATION LAFAYETTE X 3068777.000 Y 621529.000 Lat 30°12'26.548" Lon 92°00'16.811" VERMILION RIVER LAFAYETTE 3\_LAF\_2022022\_CS \_LAF\_202202 02 February 623,000 3,067,000 620,000 NOTES: Horizontal Coordinate System: North American Datum of 1983 (NAD83), projected to the State Plane Surrey St.
Bridge Coordinate System (SPCS), Louisiana South Zone. Distance units in U.S. Survey Feet. **LEGEND** SURREY ST: 4.25 MLG Gage Reading: Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). Datum Relationships for gage 07386880 as of August 2014: 0.0' NAVD88 (OPUS 2014) = 1.93' MLG -9' and above CALM Gen. Mouton Bridge --- Federal Navigation Channel Borrow Area Cable Area Sea Conditions: SES Z\_BOAT -9' and below Vessel Name: Pinhook Bridge Shoalest Sounding\*\* Distances on the Vermilion River are shown at 1 mile intervals. Sounding Frequency\*\*\*: 400KHZ Camella Bridge / 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 Amb. Caffery Bridge Red Navigation Buoy Sheet 2017 Aerial Photography data source: NAIP. Transparent green imagery from 1998 DOQQ. Broussard Bridge — Project Depth Contour Wrecks-Submerged Reference Reference is N.O.A.A. Navigation Chart No. 11350. **Green Navigation Buoy** Number 400 800 1,200 \*\* Shoalest Sounding per Quarter per Reach. 43 **of** 49 \*\*\* 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 Esri, HERE, Garmin, (c) Revison Number: 4.2-20200420 material. Low frequency accuracies may vary depending on channel conditions and fathometer