U.S. ARMY CORPS OF ENGINEERS 320,000 US Army Corps of Engineers District: CEMVN HIGHWAY 23 LONG BAYOU EMPIRE FLOODGATE EMPIRE WATERWAY
EMPIRE FLOOD GATE
M_01_EFG_20230503_C\$
03 May 2023 BAY ADAMS 326,000 323,000 320,000 317,000 NOTES: **VICINITY MAP** 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. **LEGEND** EMPIRE STAFF F/S: 0.20 GAGE DATUM Gage Reading: CALM Sea Conditions: --- Federal Navigation Channel Borrow Area Cable Area Soundings are shown in feet and indicate depths below Mean Low Gulf Datum (MLG). OB-167 Vessel Name: — Federal Navigation Center Line Placement Area The location of navigation aids are base on and provided by the U.S. Coast Guard. Shoalest Sounding** CONDITION Survey Type: -9' and above 2019 Aerial Photography data source: NAIP. 1998 DOQQ imagery shown in green from USGS. Sounding Frequency***: LOW As-built Pipeline/Cable Anchorage Area Beacon, General ____ -9' and below ∅ Obstruction Point Reference is N.O.A.A. Navigation Chart No. 11358 and 11364. ---- Unconfirmed Pipeline/Cable Red Navigation Buoy Sheet ** Shoalest Sounding per Quarter per Reach. Wrecks-Submerged — Project Depth Contour Reference **Green Navigation Buoy** *** 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) 1,000 Number 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 **of** 6 Tiger Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community Revison Number: 4.2-20200420