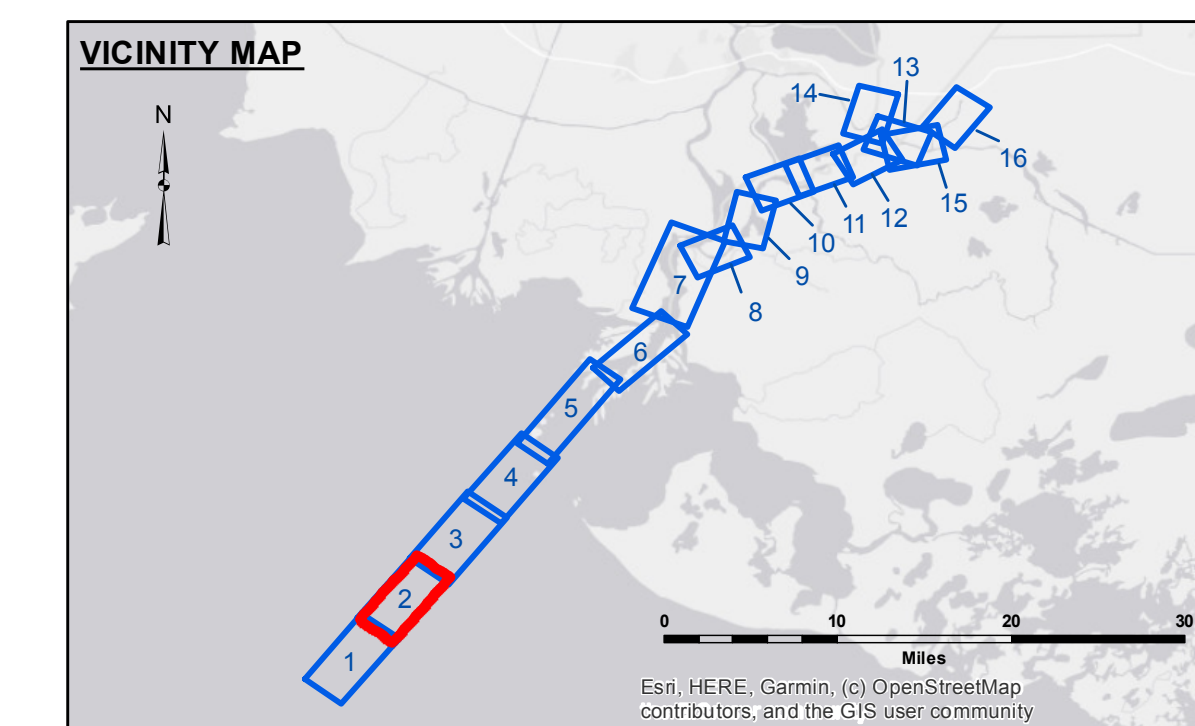
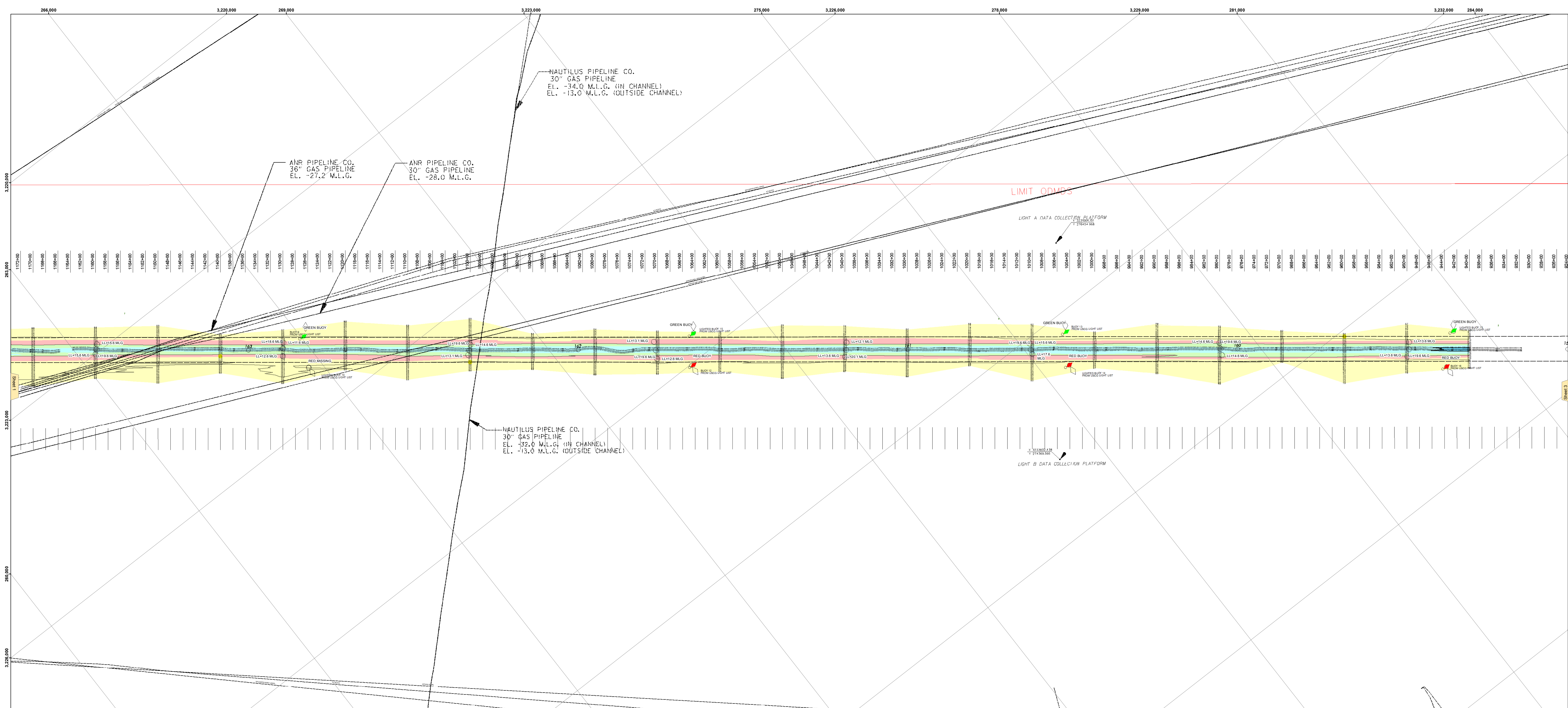


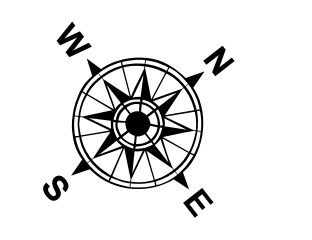


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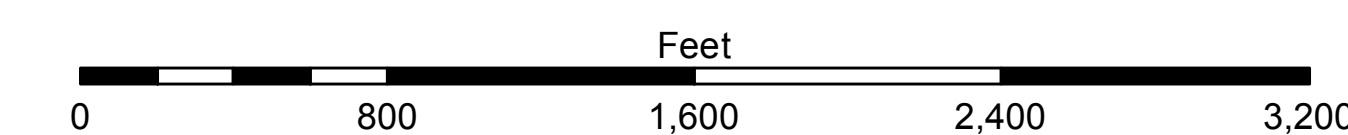


**LEGEND**

--- Federal Navigation Channel	--- Cable Area	□ Borrow Area	■ -12' and above
— Federal Navigation Center Line	■ Placement Area	● Shoalest Sounding**	■ -12' to -15'
— As-built Pipeline/Cable	□ Anchorage Area	★ Beacon, General	■ -15' to -18'
--- Unconfirmed Pipeline/Cable	⊗ Obstruction Point	◆ Red Navigation Buoy	■ -18' to -20'
— Project Depth Contour	⚓ Wrecks-Submerged	◆ Green Navigation Buoy	■ -20' and below
		◆ Fluff Thickness*	■ 3



Gage Reading: EUGENE ISLAND: 2.38 MLG  
 Sea Conditions: 0-1 FT  
 Vessel Name: LAFOURCHE  
 Survey Type: CS  
 Sounding Frequency\*\*: LOW



**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 Low Gulf Datum (MLG). Datum Relationships for the gage 88600 as of August 2013:  
 0.07 NAVD83 = 0.6' MLW + 1.5' MLG  
 Distances on the Atchafalaya River are shown at 1 mile intervals.  
 The location of navigation aids are based on and provided by the U.S. Coast Guard.  
 2019 Aerial Photography data source: P.A.R. LLC, (1998 DOQQ imagery in green).  
 Reference is N.O.A.A. Navigation Chart No. 11354.  
 \* 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 soundings may vary depending on channel conditions and bathymetry settings.

**DISCLAIMER:** The user acknowledges that the data presented herein is for informational purposes only and is not intended for use in any legal proceeding. The user understands that the data presented herein is not a warranty of any kind, and the user agrees to hold the U.S. Army Corps of Engineers harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the user as a result of the use of the data presented herein. The user agrees to indemnify and hold the U.S. Army Corps of Engineers harmless for any and all claims, damages, losses, or expenses, including reasonable attorneys' fees, that may be incurred by the U.S. Army Corps of Engineers as a result of the use of the data presented herein. This disclaimer shall not be construed to limit the liability of the U.S. Army Corps of Engineers for gross negligence or willful and wanton misconduct. This disclaimer shall not be construed to limit the liability of the U.S. Army Corps of Engineers for gross negligence or willful and wanton misconduct.

U.S. ARMY CORPS OF ENGINEERS  
 NEW ORLEANS DISTRICT

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Checked:	Chief Survey Section
Approved:	Chief Waterway Maintenance Section

**ATCHAFALAYA RIVER  
 BAR CHANNEL  
 AR\_02\_BAR\_20210726\_CS  
 26 July 2021**

**Sheet Reference  
 Number  
 2 of 16**