


1. SOUNDED AUGUST 24, 2020 BY BOWEN ENGINEERING AND SURVEYING.
 2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
 3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- Depths shown are below LWRP2014 SURFACE
 Red solid contours are 9' below LWRP2014 SURFACE
 Green dashed contours are 12' below LWRP2014 SURFACE
 Blue dashed contours are 14' below LWRP2014 SURFACE

**AUGUST 24, 2020
 INTERPOLATED WATER SURFACE ELEVATIONS**

MILE	WSE @ 10:00	WSE @ 15:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 15:00
136	364.32	364.44	353.87	10.45	10.57
137	364.83	364.94	354.33	10.50	10.61
138	365.34	365.44	354.72	10.62	10.72



**US Army Corps of Engineers
 St. Louis District**

ST. LOUIS, MO	CHESTER, IL
JEFFERSON BARRACKS BRICKEY'S LANDING, MO	340.73
379.58	340.73
377.34	357.38
388.70	346.0
369.63	353.83
340.33	340.33
UNAVAILABLE	UNAVAILABLE
7.0818000 E.9615000	10.3410000 E.9615000
24 AUG 2020	

Surveyed by:	Survey Date:	Checked by:
BOWEN ENGINEERING	AUGUST 24, 2020	
Drawn by:	Reviewed by:	Approved:
X	X	X
SUBMITTED:	APPROVED:	Plot date:
X	X	

File name: PRE DREDGE SURVEY

U.S. ARMY ENGINEER DIVISION
 CORPS OF ENGINEERS
 ST. LOUIS, MISSOURI

UPPER MISSISSIPPI RIVER BASIN
 MISSISSIPPI RIVER

PRE DREDGE SURVEY
 RIVER MILES 137.6 - 136.5

PLATE NUMBER
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 SHEET 1 OF 1