

**US Army Corps
of Engineers®**

ST. LOUIS DISTRICT

ATTN: CEMVS-DE
1222 SPRUCE STREET
ST. LOUIS MO 63103-2833
[HTTP://WWW.MVS.USACE.ARMY.MIL/](http://www.mvs.usace.army.mil/)

DATE: 02/19/2019

POC: Lance Engle
Dredging Project
Manager
314-865-6343

NOTICE NUMBER: 9724

LOCAL NUMBER: 19-07
WATERWAY: UPPER MISSISSIPPI

EFFECTIVE: 02/19/2019 11:00 thru Until Further
Notice CST

TRANSIT ADVISORY - SHOALING
Upper Mississippi River, mile 274.6 - 274.3

1. A recent survey was performed above Lock and Dam 24 on 15 February 2019. The survey indicates a shoal resulting in less than 9-ft of depth at minimum pool from the right descending bank to 75-ft left of the sailing line at miles 274.6 to 274.3 UMR. The shallowest depth found is 6.2-ft at minimum pool near the sailing line.
2. Mariners are encouraged to avoid the shoal by navigating over the weir structures which are along the left descending side of the channel.
3. The USCG Cheyenne will be departing the week of 25 February 2019 to set buoys between St. Louis and Lock 20. The recent survey and the need for buoys at mile 274 - 273 UMR has been shared with the USCG.
4. The recent survey is attached to this notice, and as a reminder surveys can be found at <https://www.mvs.usace.army.mil/Missions/Navigation/Surveys/Dredge.aspx>
5. All navigation interest should be alert for, and abide by, any special instructions that may be issued by the Lockmaster.

FOR THE DISTRICT ENGINEER:

//signed//

Andrew C. Schimpf, P.E.
Rivers Project Manager

Feb. 15, 2019
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 09:00	WS 14:00	MP DIFF 09:00	MP DIFF 14:00
276.0	446.4	446.9	446.9	0.6	0.5
275.0	446.0	446.4	446.4	0.4	0.3
274.0	445.7	445.9	445.9	0.3	0.2
273.5	445.5	445.7	445.6	0.2	0.1

MIDDLETON ISLAND

ILLINOIS

MISSOURI

DIKE 275.3(L)

275

Pre Dredge Survey

- Sounded February 15, 2019 by Prairie Engineers, P.C.
- Horizontal Datum is based on the North American Datum of 1927 (NAD27). Coordinates shown are Missouri East Zone State Plane.
- Vertical Datum is based on the National Geodetic Vertical Datum of 1929 (NGVD29).

Depths shown are below MIN POOL SURFACE
 Red solid contours are 9' below MIN POOL SURFACE
 Green dashed contours are 12' below MIN POOL SURFACE
 Blue dashed contours are 14' below MIN POOL SURFACE

MIN POOL DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW MIN POOL SURFACE

PRELIMINARY

GAGE RECORD	LOUISIANA	L&O 24 (U)
WATER SURFACE	437.3	4218
ZERO NGVD	282.9	2715
MILE	448.8	4455
MIN POOL	450.3 (0980)	445.5 (0980)
	450.3 (100)	445.5 (100)

U.S. ARMY ENGINEER DIVISION	ST. LOUIS, MISSOURI
UPPER MISSISSIPPI RIVER BASIN	MISSISSIPPI RIVER

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PLATE NUMBER
01



Survey Date: February 15, 2019
 SUBMITTED: [Signature]
 Chief, Engr. Data Mgmt. Sect.
 2 HABBS.me.0409
 Plot Date: 2/19/2019
 Plot Scale: 1"=200'

Supervised by: PRAIRIE ENGINEERS
 Drawn by: [Signature]
 Reviewed by: [Signature]
 APPROVED: [Signature]
 Chief, Geospatial Branch

PRE DREDGE SURVEY
 MILE: 275.2-273.5

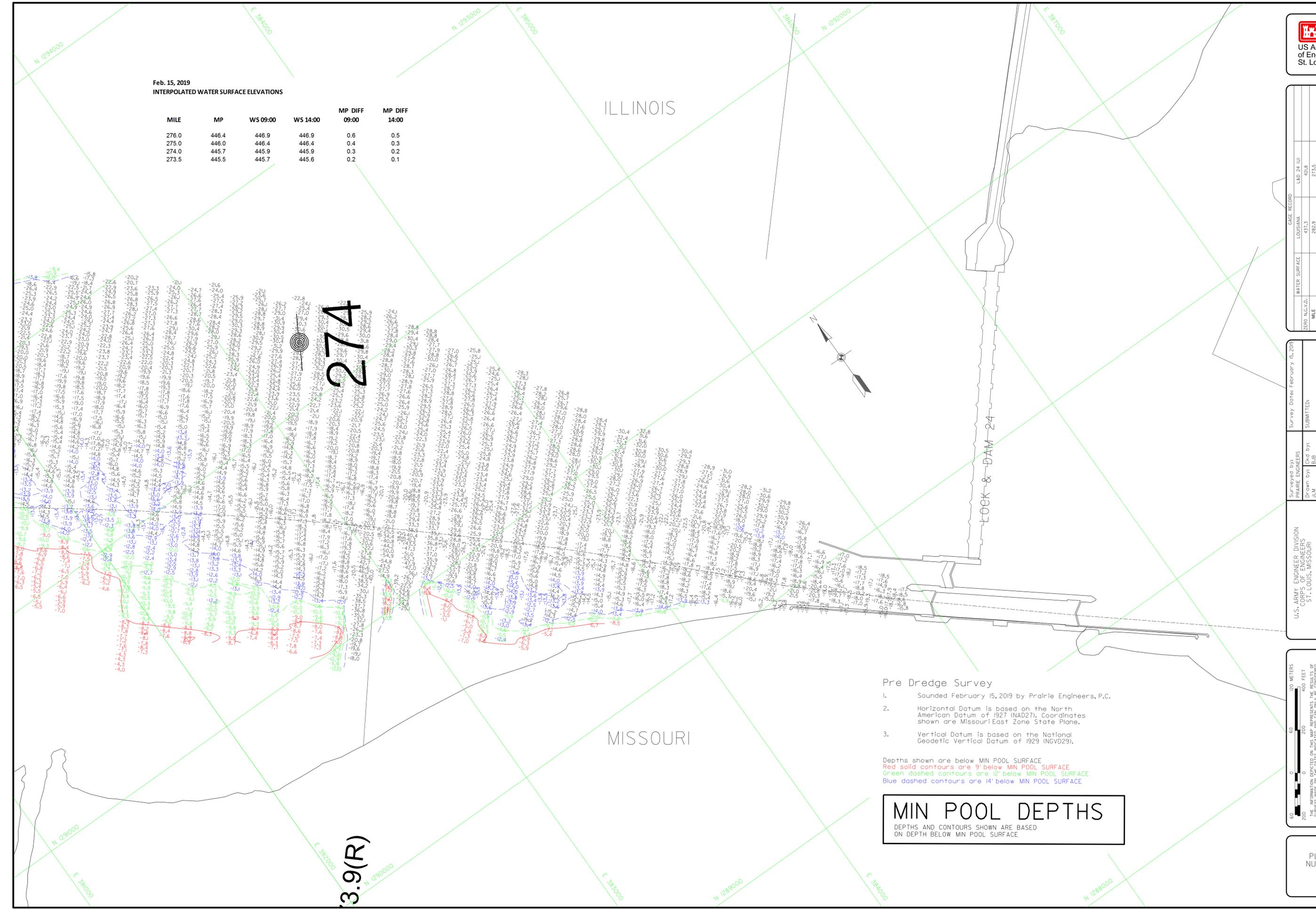
PRELIMINARY

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ILLINOIS

MISSOURI



GAGE RECORD	
LOUISIANA	L&D 24 (U)
WATER SURFACE	437.3
ZERO NGVD	282.9
MILE	448.8
MIN POOL	445.5
DATE	15 FEB 2019
FILE	445.5 (09:00)
SCALE	450:1 (H&D)

Survey Date:	February 15, 2019
Submitted:	Chief, Engr. Data Mgmt. Sect.
Reviewed by:	2 Hab95.ms_02.dgn
Approved:	Plot date: 2/19/2019
Scale:	Plot scale: 1"=200'

Supervised by:	PRairie ENGINEERS
Drawn by:	gsp
Reviewed by:	Chief, Geospatial Branch
Approved:	Chief, Geospatial Branch

U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI
UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER

PRE DREDGE SURVEY
MILE: 275.2-273.5

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