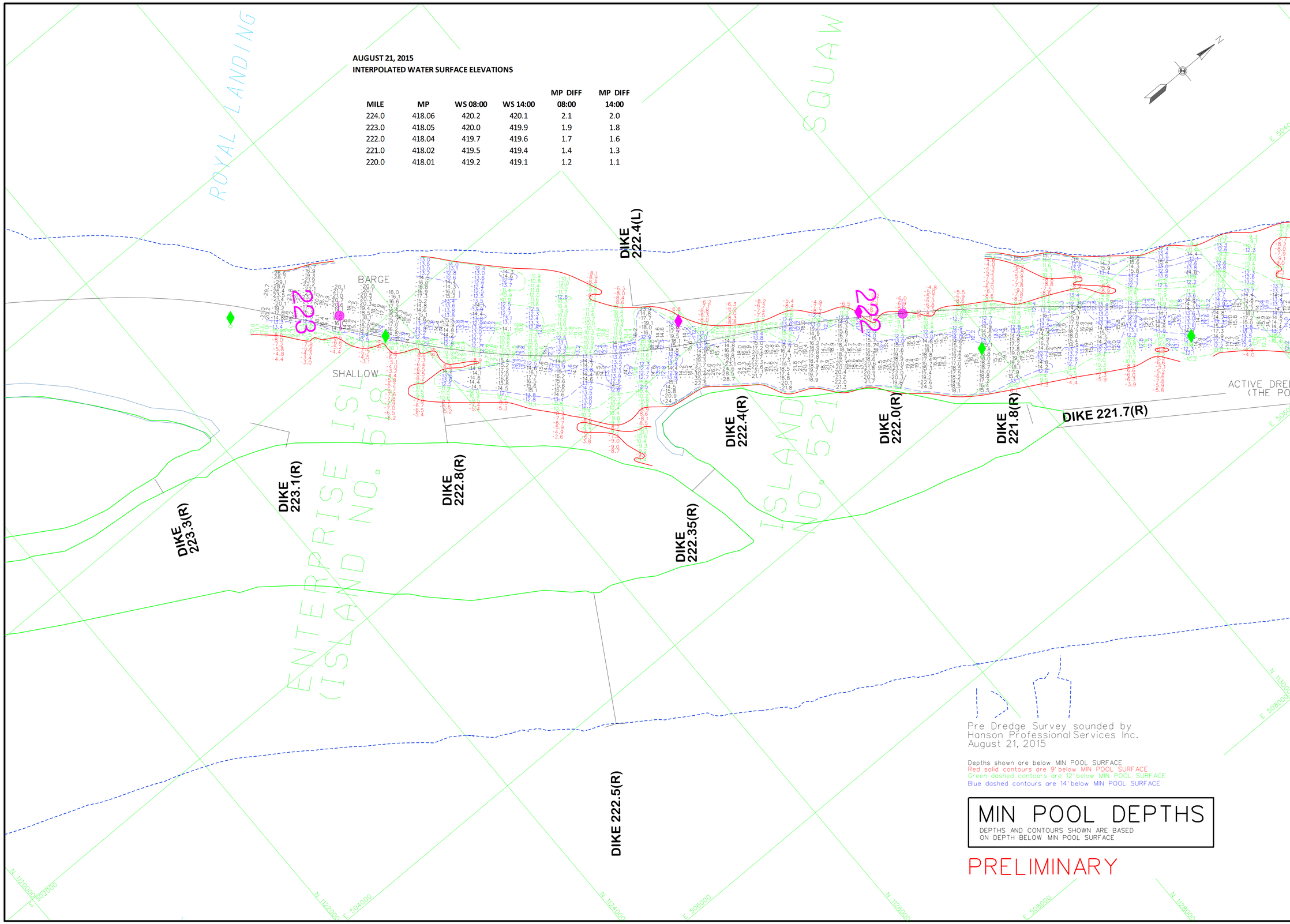
AUGUST 21, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 08:00	WS 14:00	MP DIFF 08:00	MP DIFF 14:00
224.0	418.06	420.2	420.1	2.1	2.0
223.0	418.05	420.0	419.9	1.9	1.8
222.0	418.04	419.7	419.6	1.7	1.6
221.0	418.02	419.5	419.4	1.4	1.3
220.0	418.01	419.2	419.1	1.2	1.1



Pre Dredge Survey sounded by
Hanson Professional Services Inc.
August 21, 2015

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

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	WATER SURFACE	GRAFTON, IL	DIXON LANDING	ST. LOUIS
ZERO N.G.V.D.		403.8	410.6	379.94
MILE		218.6	228.3	179.6
MIN POOL		418.0	418.1	376.4
	21 AUG 2015	418.9 (08:00)	421.2 (08:00)	
		418.8 (14:00)	421.1 (14:00)	

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1996-97 MINIMUM POOL (34,000 C.F.S.)

Survey Date: August 21, 2015

SUBMITTED:

Chief, Engr. Data Mngt. Sect.

File name: 223ep15b_mp_ash10.dgn
Plot date: August 24, 2015
Plot scale: 1"=400'

Surveyed by: HANSON
Drawn by: JLK
Ckd by: JCL
Reviewed by:
APPROVED:
Chief, Geospatial Branch

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 240 METERS
400 0 800 FEET

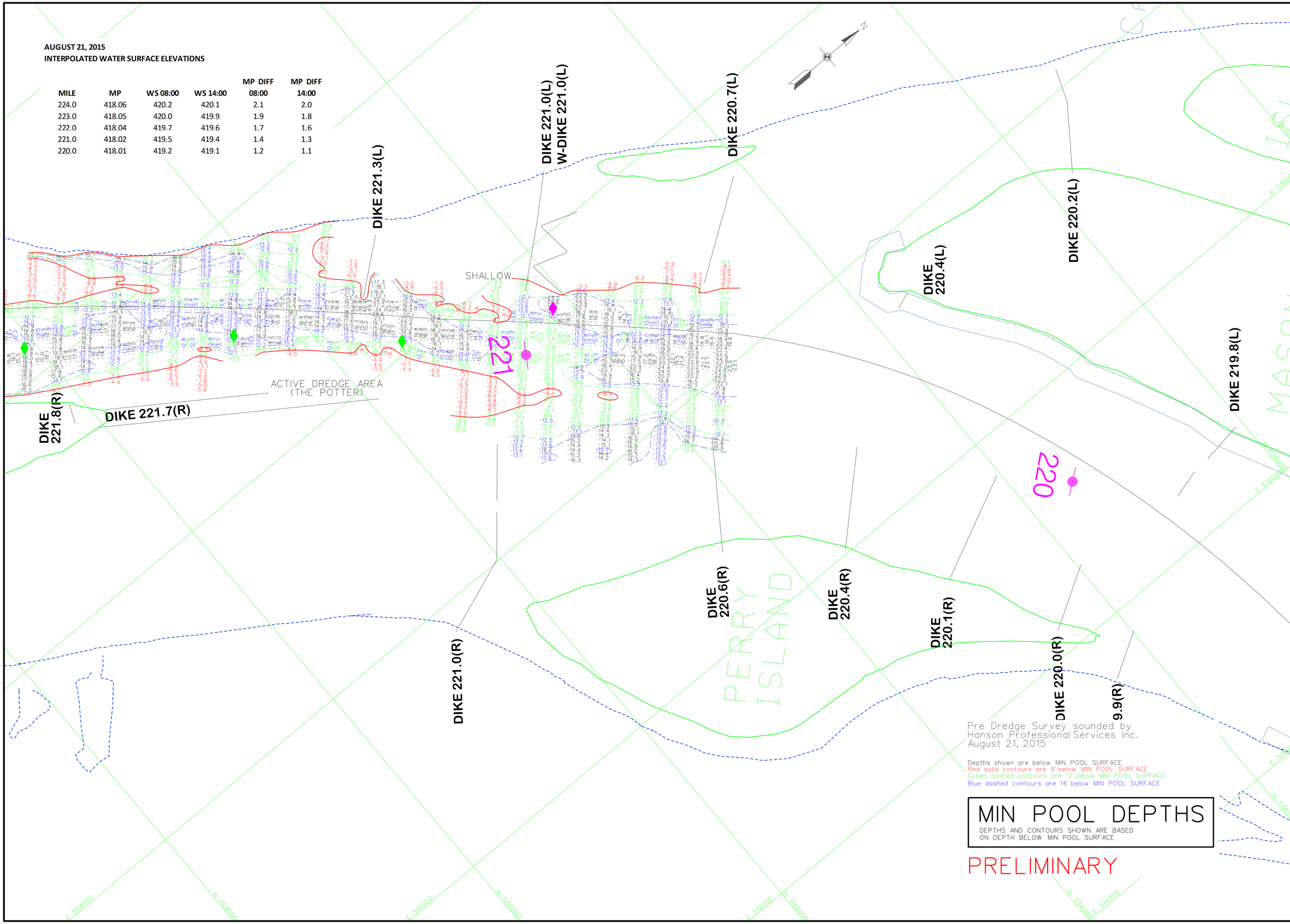
THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND IS PRESENTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PRE DREDGE SURVEY
MILE: 223.1-220.7

PLATE NUMBER
01

AUGUST 21, 2015
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	MP	WS 08:00	WS 14:00	MP DIFF 08:00	MP DIFF 14:00
224.0	418.06	420.2	420.1	2.1	2.0
223.0	418.05	420.0	419.9	1.9	1.8
222.0	418.04	419.7	419.6	1.7	1.6
221.0	418.02	419.5	419.4	1.4	1.3
220.0	418.01	419.2	419.1	1.2	1.1



Pre Dredge Survey sounded by
Hanson Professional Services Inc.
August 21, 2015

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

US Army Corps of Engineers
St. Louis District

GAGE RECORD			
WATER SURFACE	GRAFTON, IL	DIXON LANDING	ST. LOUIS
ZERO N.G.V.D.	403.8	410.6	379.94
MILE	218.6	228.3	179.6
MIN POOL	418.0	418.1	376.4
21 AUG 2015	418.9 (08:00)	421.2 (08:00)	
	418.8 (14:00)	421.1 (14:00)	

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1996-97 MINIMUM POOL (134,000 C.F.S.)

Survey Date: August 21, 2015
SUBMITTED:
Chief, Engr. Data Mngt. Sect.
File name: 223ai15_mp_ph102.dgn
Plot date: August 27, 2015
Plot scale: 1"=400'

Surveyed by: HANSON
Drawn by: JLK
Ckd by: JCL
Reviewed by:
APPROVED:
Chief, Geospatial Branch

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET
120 0 120 400 0 400

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE AT THE TIME INDICATED AND CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY
MILE: 223.1-220.7

PLATE NUMBER
02