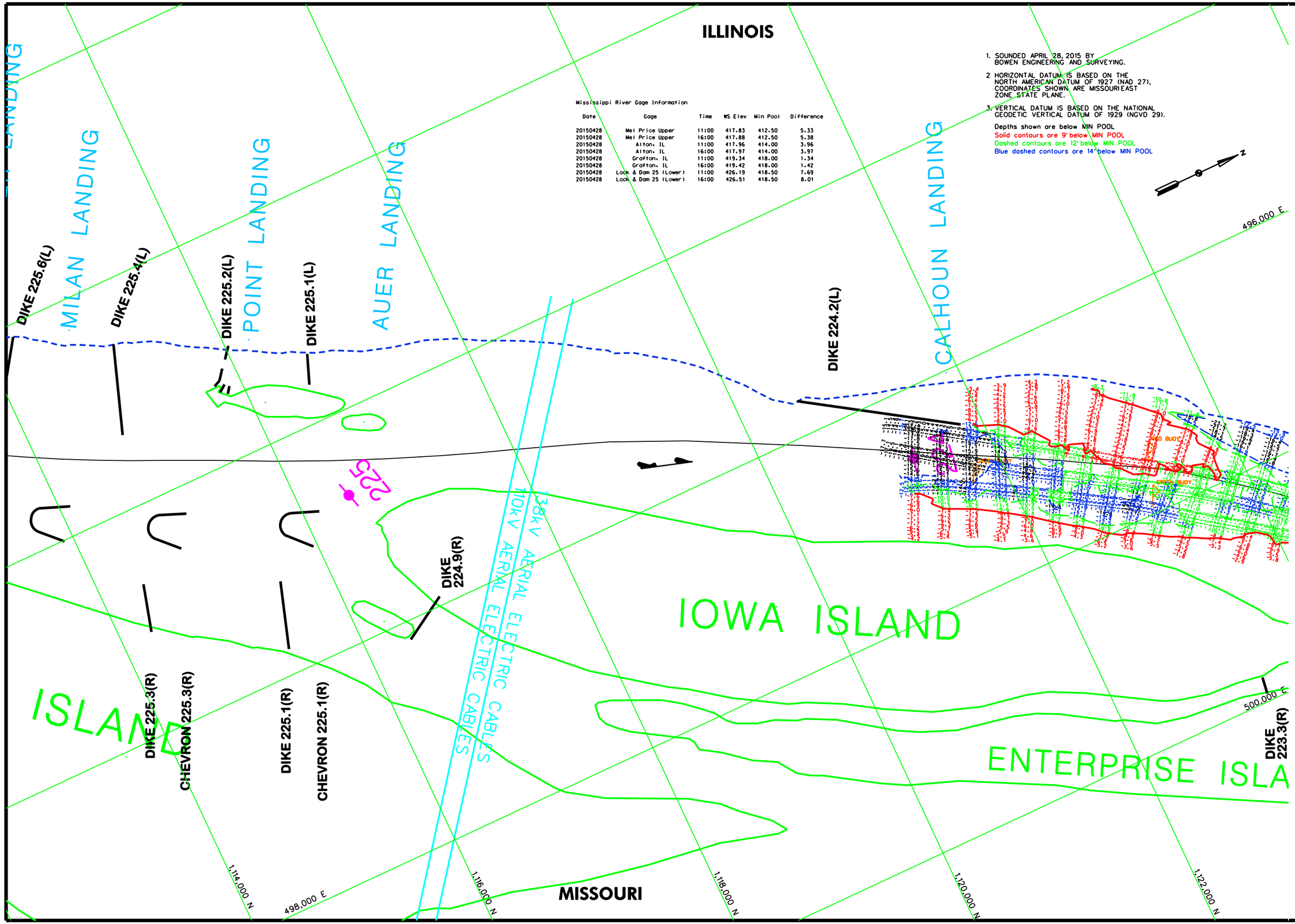
ILLINOIS

1. SOUNDED APRIL 28, 2015 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

Depths shown are below MIN POOL
Solid contours are 9' below MIN POOL
Dashed contours are 12' below MIN POOL
Blue dashed contours are 14' below MIN POOL

Mississippi River Gage Information

Date	Gage	Time	WS Elev	Min Pool	Difference
20150428	Mel Price Upper	11:00	417.83	412.50	5.33
20150428	Mel Price Upper	16:00	417.88	412.50	5.38
20150428	Alton, IL	11:00	417.96	414.00	3.96
20150428	Alton, IL	16:00	417.97	414.00	3.97
20150428	Grafton, IL	11:00	419.34	418.00	1.34
20150428	Grafton, IL	16:00	419.42	418.00	1.42
20150428	Lock & Dam 25 (Lower)	11:00	426.19	418.50	7.69
20150428	Lock & Dam 25 (Lower)	16:00	426.51	418.50	8.01



US Army Corps of Engineers
St. Louis District

GAGE RECORD

	MEL PRICE (UPPER)	ALTON, IL	GRAFTON, IL	L & D 25 (LOWER)
ZERO N.G.V.D.	395.48	400.00	403.79	407.00
MLE	201.1	203.0	218.6	241.2
L.W.R.P.	412.5	414.0	418.0	418.5
28 APR 2015	22.3±1'00	22.40±6'00	17.86±1'00	17.97±6'00	15.52±1'00	15.63±6'00	18.91±1'00	18.51±6'00

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1938-37 LOW WATER REFERENCE PLANE (L.W.R.P.) (34,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: APRIL 28, 2015
Drawn by: x
Reviewed by: x
Cad by: x
SUBMITTED: x
APPROVED: x
File name: MISSISSIPPIRIVERSURVEY
Plot date: ##/##/YY-TIME####

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

UPPER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER

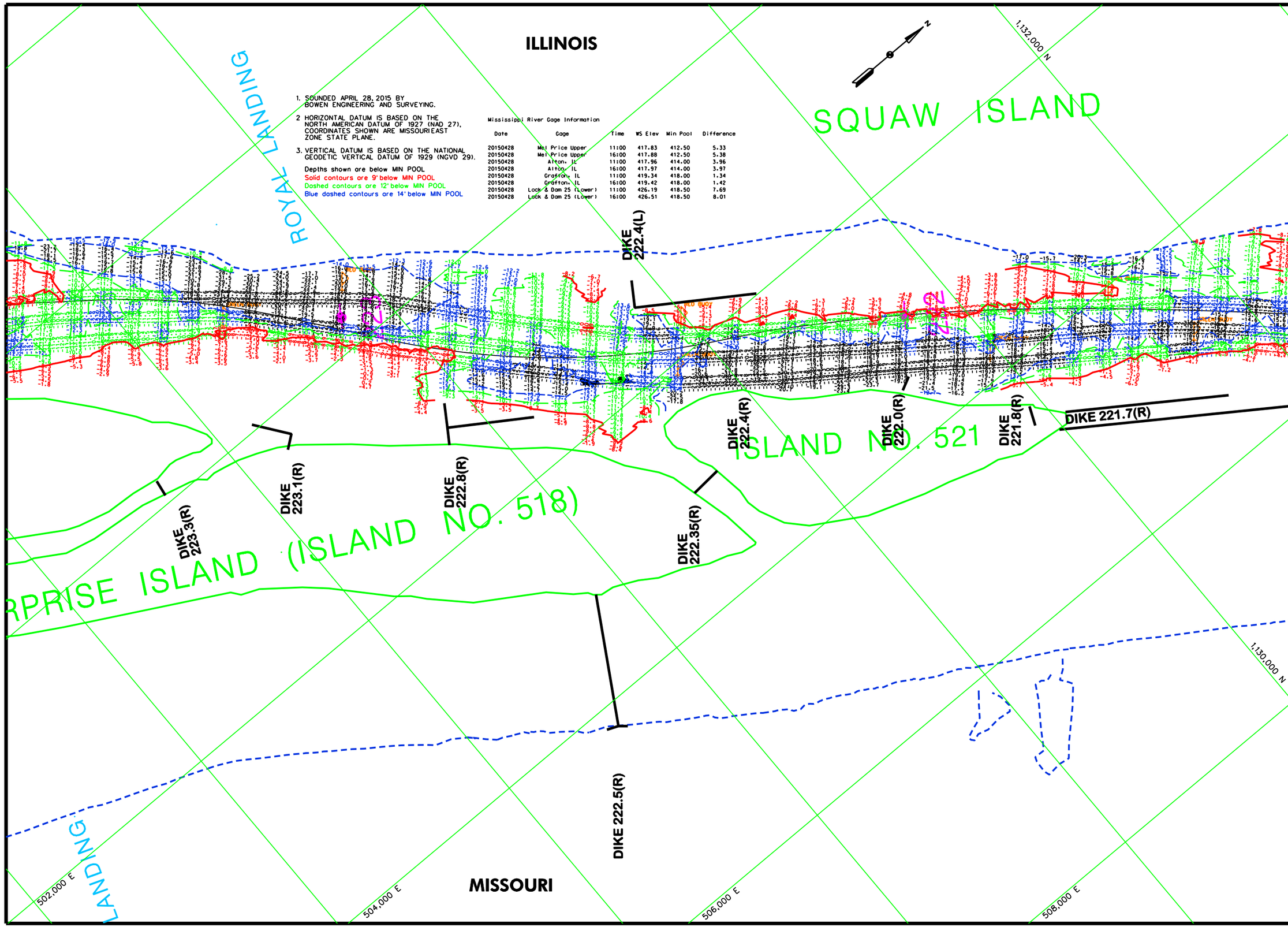
120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED. THE DATA SHOWN IS INTENDED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY

MILE: 224.0 – 220.7

PLATE NUMBER
XX
SHEET 1 of 3



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US Army Corps of Engineers
St. Louis District

GAGE RECORD

	MEL PRICE (UPPER)	ALTON, IL	GRAFTON, IL	L & D 25 (LOWER)
ZERO N.G.V.D.	395.48	400.00	403.79	407.00
MILE	201.1	203.0	218.6	241.2
L.W.R.P.	412.5	414.0	418.0	418.5
28 APR 2015	22.35/11:00	22.40/16:00	17.86/11:00 17.97/16:00	15.52/11:00 15.63/16:00	18.19/11:00 18.31/16:00

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1938-39 LOW WATER REFERENCE PLANE (L.W.R.P.) (34,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: APRIL 28, 2015
Drawn by: x
Reviewed by: x
Ckd by: x
SUBMITTED: x
APPROVED: x
File name: MISSISSIPPI_RIVER_SURVEY_CONTOURS
Plot date: ##MONTH-THE##

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

UPPER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER

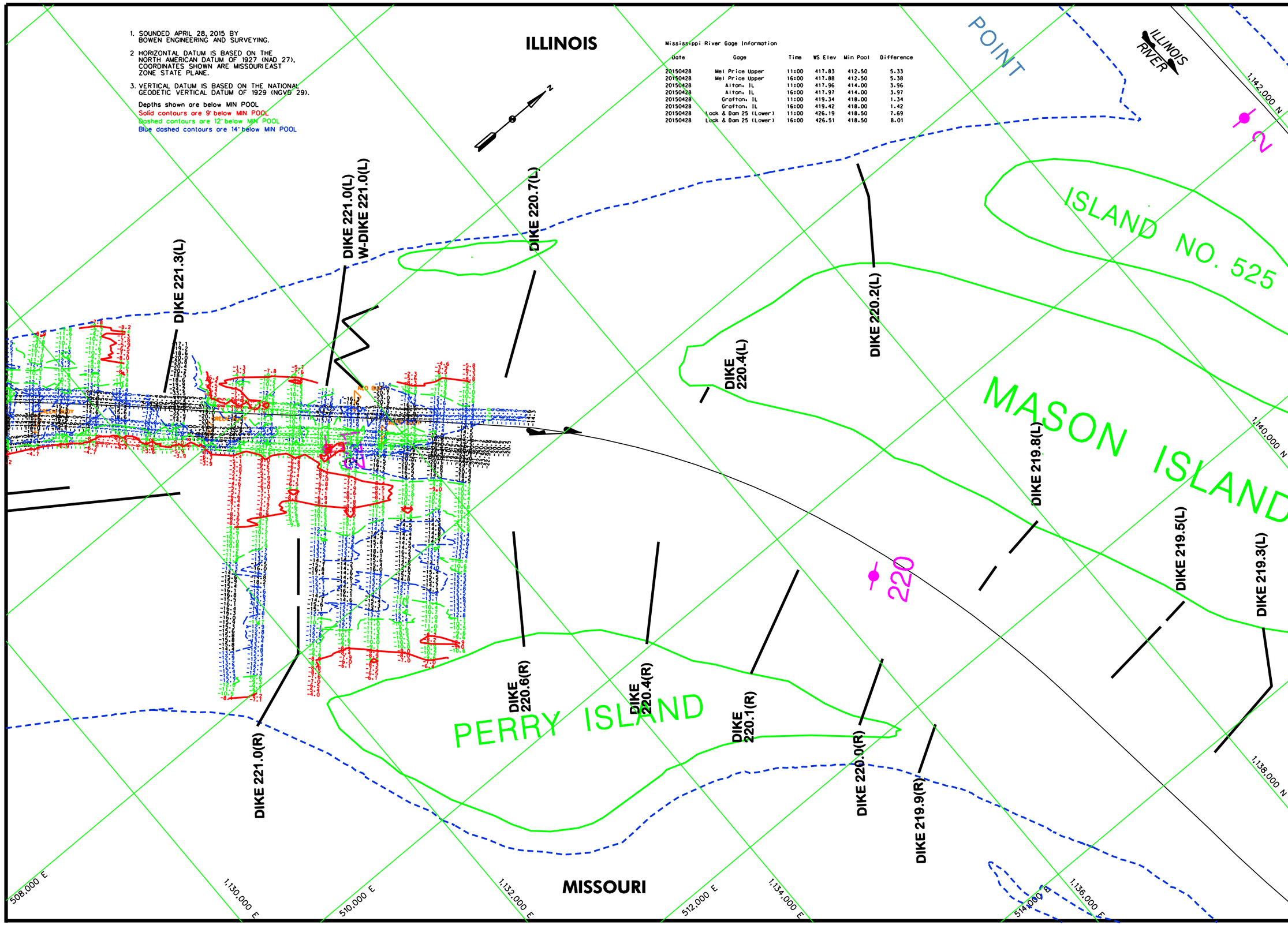
0 120 240 METERS
0 400 800 FEET

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

PRE DREDGE SURVEY

MILE: 224.0 – 220.7

PLATE NUMBER
XX
SHEET 2 of 3



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US Army Corps of Engineers
St. Louis District

GAGE RECORD

	MEL PRICE (UPPER)	ALTON, IL	GRAFTON, IL	L & D 25 (LOWER)
ZERO N.G.V.D.	395.48	400.00	403.79	407.00
MILE	201.1	203.0	218.6	241.2
L.W.R.P.	412.5	414.0	418.0	418.5
28 APR 2015	22.35(11:00) 22.40(16:00)	17.96(11:00) 17.97(16:00)	15.55(11:00) 15.63(16:00)	19.19(11:00) 19.51(16:00)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: APRIL 28, 2015
Drawn by: X
Reviewed by: X
Ckd by: X
SUBMITTED: X
APPROVED: X
File name: [illegible]
Plot date: [illegible]

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

UPPER MISSISSIPPI RIVER BASIN

MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

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

PRE DREDGE SURVEY

MILE: 224.0 – 220.7

PLATE NUMBER
XX
SHEET 3 of 3