1. MAIN CHANNEL SOUNDED DEC 12, 2007 BY HANSON ENGINEERS INCORPORATED. SIDE CHANNEL SOUNDED AS SHOWN.

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).

ILLINOIS

1,134,000 N

1,132,000 N

1,130,000 N

592,000 E

EL.100
EL.50
EL.10
EL.0
EL.-10
EL.-20
EL.-30

DIKE NO. 212.7 (L)

DIKE NO. 212.3 (L)

DIKE NO. 212.0 (L)

DIKE NO. 211.6 (L)

DIKE NO. 211.3 (L)

MP 416.53

MP 416.29

MP 415.91

100

213.8(L)
CLOSING

K213.6(L)

K212.6(L)

K211.6(L)

SEE PLATE NUMBER 43

SEE PLATE NUMBER 45

PORTAGE ISLAND

DIKE NO. 212.9 (R)

DIKE NO. 212.4 (R)

DIKE NO. 212.2 (R)

LUESSE LAKE

SOUNDED JULY 19, 2006 BY HANSON ENGINEERING

SOUNDED AUG 14, 2006 BY HANSON ENGINEERING

SOUNDED AUG 11, 2006 BY HANSON ENGINEERING

CITY OF PORTAGE DES SIOUX

MISSOURI

FLOW

ABRUPT CHANNEL CHANGE

SIGNIFICANT SCOURING OF BANK

1,128,000 N

1,126,000 N

1,124,000 N

542,000 E

544,000 E

546,000 E

548,000 E

550,000 E

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	GRAFTON	ALTON, IL	MEL PRICE LKADQ	ST. LOUIS
ZERO N.G.V.D.	403.8	400.0	386.5	375.94
MILE	218.0	203.0	201.0	179.6
L.W.R.P.	418.0	414.0	412.8	376.4
12 DEC 07	419.6	419.5	419.5	
19 JUL 06	419.5	NA	419.5	
11;14 AUG 06	417.7/419.7	NA/NA	419.5/419.5	

ELEVATIONS ARE REFERRED TO NAVD. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (LWRP) (84.000 CFS)

Surveyed by: AS SHOWN
Survey Date: AS SHOWN
Drawn by: VICTOR BEHRMANN
Reviewed by: DAWN LAUM
Ckd by: JAMES KEIM
SUBMITTED: JAMES L. KEIM
Chief, Engr. Data Mngt. Sect.
APPROVED: KEITH SHORT
Chief, Geospatial Branch
File name: S:\HYDROSURVEY\HYDROBOOKS\MR_300-2007\DGN
Plot date: FEB 2010

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

UPPER MISSISSIPPI RIVER BASIN
HYDROGRAPHIC SURVEY
MILE: 211.4 - 213.4

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS ACCOMPLISHED AT THE TIME AND DATE SHOWN AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

DATE OF PHOTO MOSAIC: 22-24 FEB 2006
ST. LOUIS GAGE: -1.01
CAIRO GAGE: 31.30

240 METERS
800 FEET
120 0 120 400
400 0 400

PLATE NUMBER
44