1. MAIN CHANNEL SOUNDED DEC 12 & 13, 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

MISSOURI

PIASA CREEK ACCESS AREA

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

SOUNDED AUG 9, 2006 BY HANSON ENGINEERING

SOUNDED AUG 11, 2006 BY HANSON ENGINEERING

SOUNDED AUG 11, 2006 BY HANSON ENGINEERING

DIKE NO. 211.3 (L)

DIKE NO. 211.2 (L)

DIKE NO. 210.0 (L)

DIKE NO. 209.2 (L)

DIKE NO. 209.3 (L)

DIKE NO. 209.2 (R)

MP 416.06

MP 415.80

MP 414.80

210.1(I)
GAGE

210.4(I)
EAGLES NEST

210.8(I)

100

EAGLES NEST ISLAND

PIASA ISL

BOY SCOUTS BASE

Bounded December 12, 2007

Bounded December 13, 2007

FLOW

WS = 419.5 ft

WS = 419.6 ft

556,000 E

558,000 E

560,000 E

562,000 E

552,000 E

554,000 E

1,130,000 N

1,128,000 N

1,126,000 N

1,124,000 N

SEE PLATE NUMBER 44

SEE PLATE NUMBER 46

GAGE RECORD

| | ALTON, IL | MEL PRICE LKDG | GRAFTON | ST. LOUIS |
|---|---|---|---|---|
| ZERO N.G.V.D. | 400.0 | 386.5 | 403.8 | 375.94 |
| MILE | 203.0 | 201.0 | 218.0 | 179.6 |
| L.W.R.P. | 414.0 | 412.5 | 418.0 | 376.4 |
| 12,13 DEC 07 | 419.5/419.6 | 419.5/NA | 419.6/419.8 | |
| 9 AUG 06 | NA | 419.5 | 419.7 | |
| 11 AUG 06 | NA | 419.5 | 419.7 | |

ELEVATIONS ARE REFERRED TO NAVD88 - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (LWRP) (84.00 CFS)

US Army Corps of Engineers St. Louis District

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

UPPER MISSISSIPPI RIVER BASIN
HYDROGRAPHIC SURVEY
MILE: 209.2 – 211.4

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\UMR_209-210\TOSO
Plot date: FEB 2010

240 METERS
120 0 0 400 800 FEET
120 400

THE HORIZONTAL ACCURACY OF THIS MAP REPRESENTS THE RESULTS OF TESTING ON REJECTED POINTS AND IS NOT TO BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

DATE OF PHOTO MOSAIC: 22-24 FEB 2009
ST. LOUIS GAGE: -1.01
CAIRO GAGE: 31.30

PLATE NUMBER 45