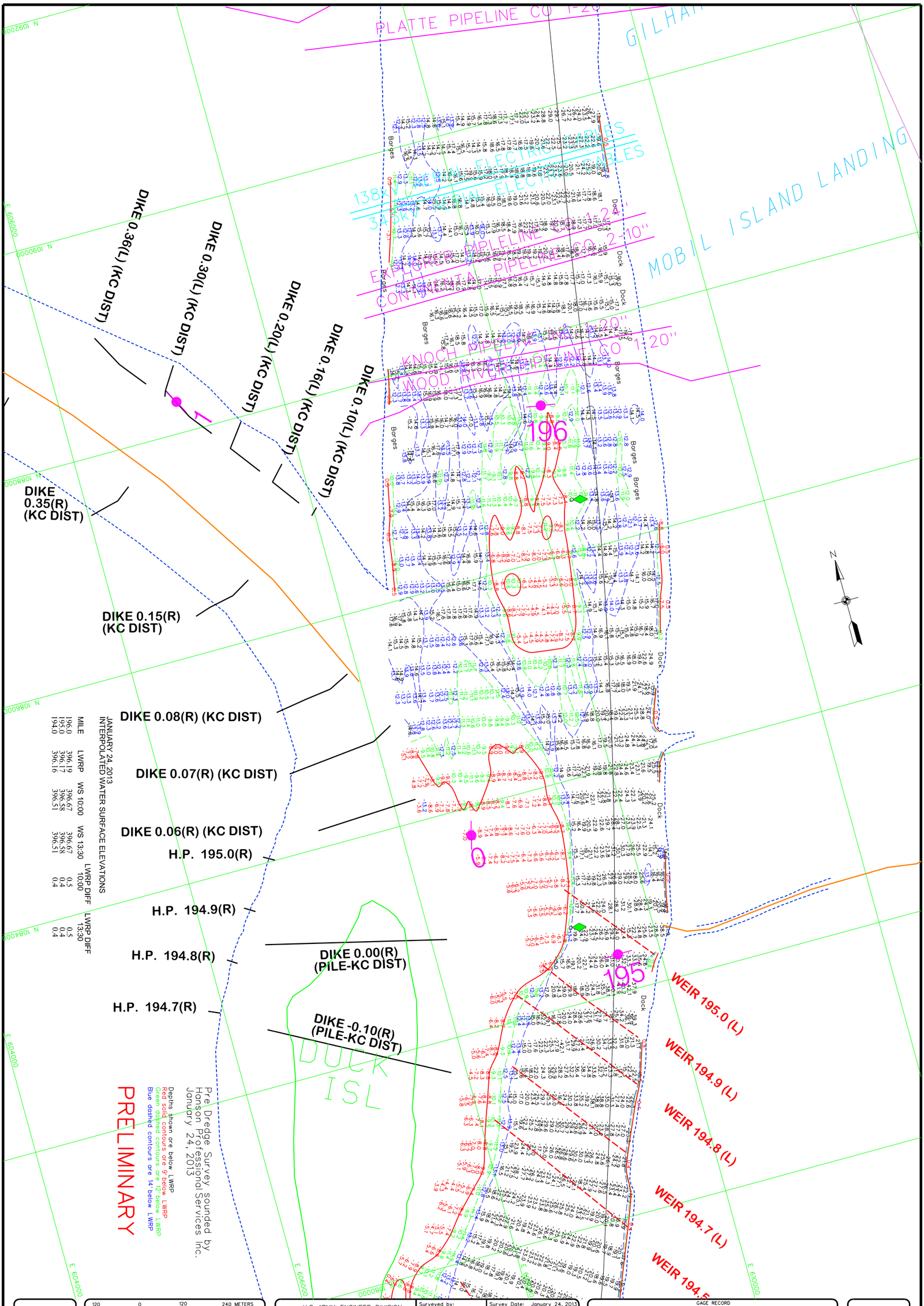


PLATE NUMBER

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: 196.5-193.5

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

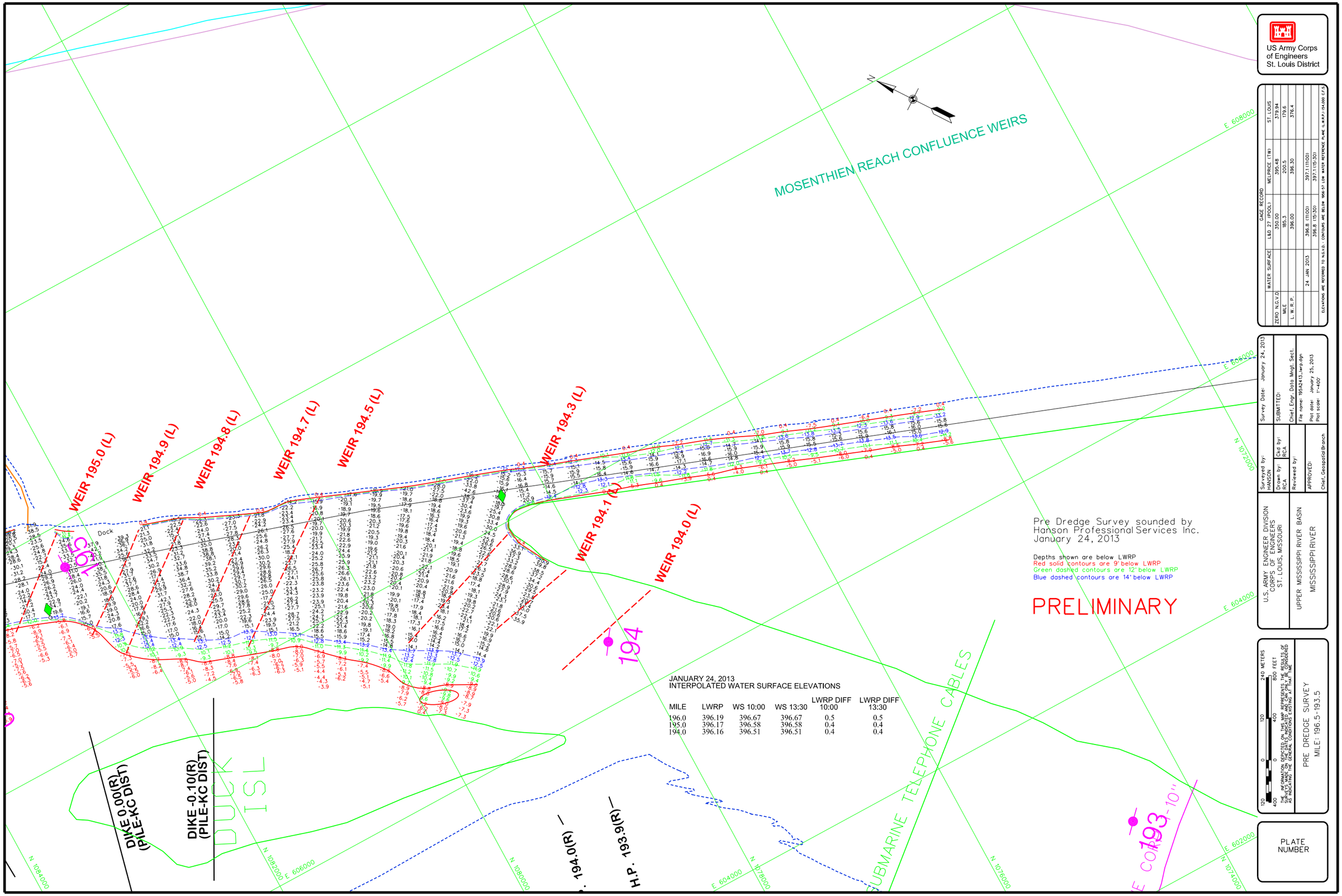
Surveyed by: HANSON	Survey Date: January 24, 2013
Drawn by: RCA / Ckd by: RCA	SUBMITTED: Chief, Engr. Data Mngt. Sect.
Reviewed by:	File name: 195A2413_lwrp.dgn
APPROVED: Chief, Geospatial Branch	Plot date: January 25, 2013 Plot scale: 1"=400'

GAGE RECORD

	WATER SURFACE	MEL PRICE (L)	L&D 27 (POOL)	ST. LOUIS
ZERO N.G.V.D.		395.48	350.00	379.94
MILE		200.5	185.3	179.6
L. W. R. P.		396.30	396.00	376.4
	24 JAN 2013	397.1 (11:00)	396.8 (11:00)	
		397.1 (15:30)	396.8 (15:30)	

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.)

US Army Corps of Engineers
St. Louis District


MOSENTHIEN REACH CONFLUENCE WEIRS
WEIR 195.0 (L)
WEIR 194.9 (L)
WEIR 194.8 (L)
WEIR 194.7 (L)
WEIR 194.5 (L)
WEIR 194.3 (L)
WEIR 194.1 (L)
WEIR 194.0 (L)
DIKE 0.00(R)
(PILE-KC DIST)
DIKE -0.10(R)
(PILE-KC DIST)
DUCK ISL
SUBMARINE TELEPHONE CABLES
H.P. 194.0(R)
H.P. 193.9(R)
Dock
N 1084000
N 1082000
N 1080000
N 1078000
N 1076000
N 1074000
N 1072000
E 606000
E 604000
E 602000
E 608000
E 606000
E 604000
Pre Dredge Survey sounded by
Hanson Professional Services Inc.
January 24, 2013
Depths shown are below LWRP
Red solid contours are 9' below LWRP
Green dashed contours are 12' below LWRP
Blue dashed contours are 14' below LWRP
PRELIMINARY
JANUARY 24, 2013
INTERPOLATED WATER SURFACE ELEVATIONS
MILE LWRP WS 10:00 WS 13:30 LWRP DIFF 10:00 LWRP DIFF 13:30
196.0 396.19 396.67 396.67 0.5 0.5
195.0 396.17 396.58 396.58 0.4 0.4
194.0 396.16 396.51 396.51 0.4 0.4
US Army Corps
of Engineers
St. Louis District
GAGE RECORD
ZERO N.G.V.D. | WATER SURFACE | L&D 27 (POOL) | MELPRICE (TW) | ST. LOUIS
MILE | 350.00 | 395.48 | 379.94
L. W. R. P. | 185.3 | 200.5 | 179.6
24 JAN 2013 | 396.00 | 396.30 | 376.4
24 JAN 2013 | 396.8 (11:00) | 397.1 (11:00)
396.8 (15:30) | 397.1 (15:30)
ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1994-97 LOW WATER REFERENCE PLANE (L.W.R.P.) 154.000 C.F.S.
Survey Date: January 24, 2013
SUBMITTED:
Chief, Engr. Data Mngt. Sect.
File name: 19542413_lwrp.dgn
Plot date: January 25, 2013
Plot scale: 1"=400'
Surveyed by: HANSON
Drawn by: RCA
Ckd by: RCA
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
SITE INFORMATION REPRESENTS MAP ELEMENTS OF THE ORIGINAL SURVEY, THE ACCURACY OF THE ELEMENTS MAY VARY AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME
PRE DREDGE SURVEY
MILE: 196.5-193.5
PLATE
NUMBER