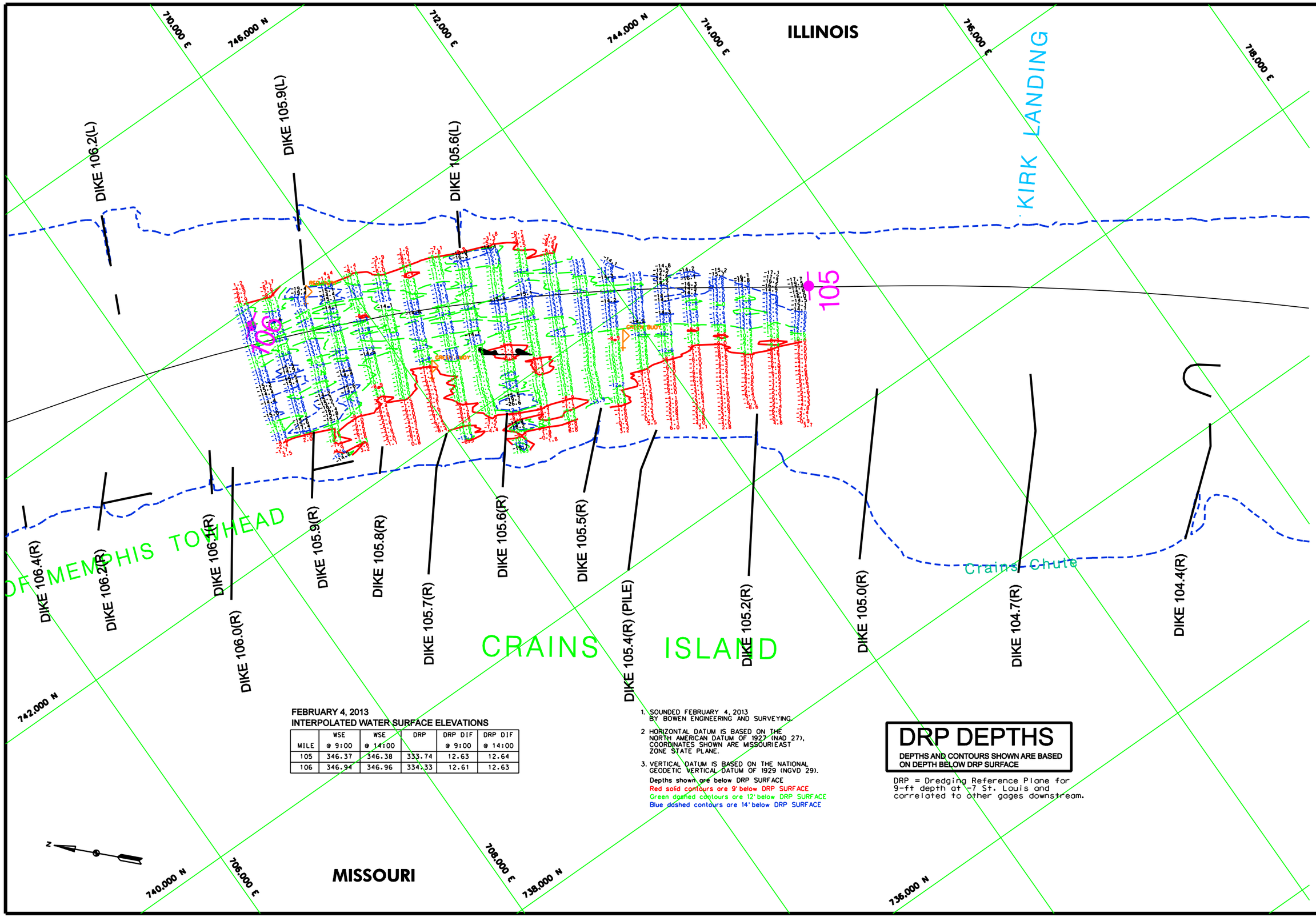

FEBRUARY 4, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 14:00	DRP	DRP DIF @ 9:00	DRP DIF @ 14:00
105	346.37	346.38	333.74	12.63	12.64
106	346.94	346.96	334.33	12.61	12.63

1. SOUNDED FEBRUARY 4, 2013 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 DRP SURFACE
Red solid contours are 9' below DRP SURFACE
Green dashed contours are 12' below DRP SURFACE
Blue dashed contours are 14' below DRP SURFACE

DRP DEPTHS

DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW DRP SURFACE

DRP = Dredging Reference Plane for 9-ft depth at -7 St. Louis and correlated to other gages downstream.

US Army Corps of Engineers
St. Louis District

GAGE RECORD		
	RED ROCK LANDING, MO	CHESTER, IL
ZERO N.G.V.D.	328.92	341.05
MILE	94.1	109.9
L. W. R. P.	330.7	340.4
04 FEB 2013	11.3419:001 11.3014a:001	8.5049:001 8.5014:001

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE IL.M.R.P.) (34,000 C.F.S.)

Surveyed by: BOWEN ENGINEERING
Survey Date: FEBRUARY 4, 2013
Drawn by: x
Chd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: MMMDDYYYY:hhmmmm
File name: MMDDSSCNDFILEDESCRIPTIONNNN

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED. THE DATA HAS BEEN PLOTTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

120 400 0 0 120 400 240 METERS 800 FEET

POST DREDGE SURVEY

RIVER MILES 106.0 – 105.0

PLATE NUMBER
XX