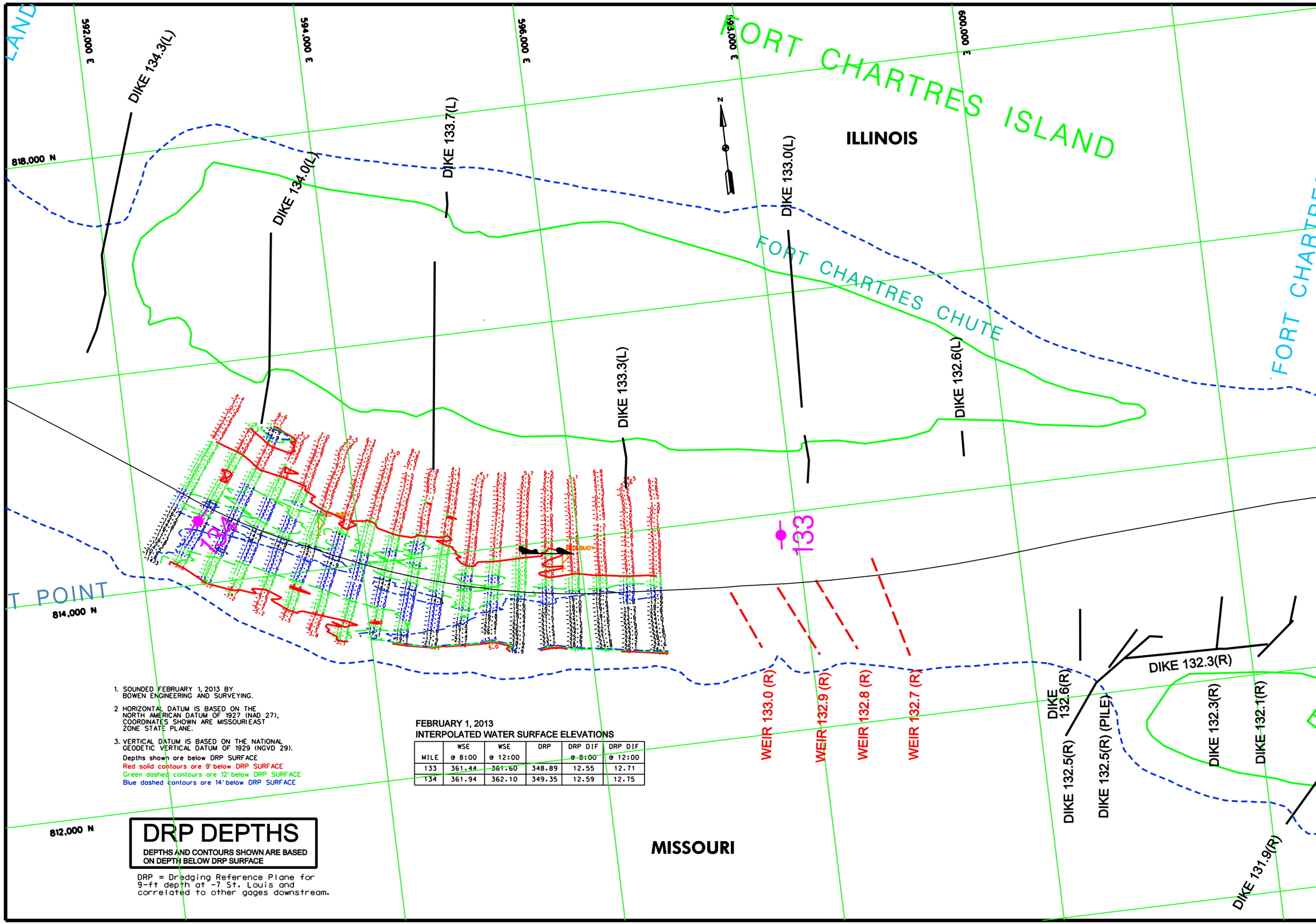

1. SOUNDED FEBRUARY 1, 2013 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

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

FEBRUARY 1, 2013
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 12:00	DRP	DRP DIF @ 8:00	DRP DIF @ 12:00
133	361.44	361.60	348.89	12.55	12.71
134	361.94	362.10	349.35	12.59	12.75

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			
	CHESTER, IL	BRICKEYS LANDING, MO	ST. LOUIS, MO
ZERO N.G.V.D.	341.05	357.78	379.94
MLE	109.9	136.0	179.6
L. W. R. P.	340.4	356.2	376.4
01 FEB 2013	8.82ft@01:59:12/001	5.16ft@01:53:12/001	3.02ft@01:29:12/001

ELEVATIONS ARE REFERRED TO N.G.V.D. CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (34.000 C.F.S.)

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

Surveyed by: BOWEN ENGINEERING
Survey Date: FEBRUARY 1, 2013
Drawn by: x
Chd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Plot date: 9/9/2013 TUE 08:00
File name: M:\MISSISSIPPI\LD\DRP\DRP\DRP\DRP\DRP

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

240 METERS 120 0 120 400 0 400 800 FEET

POST DREDGE SURVEY
RIVER MILES 134.0 - 133.3

PLATE NUMBER
xx