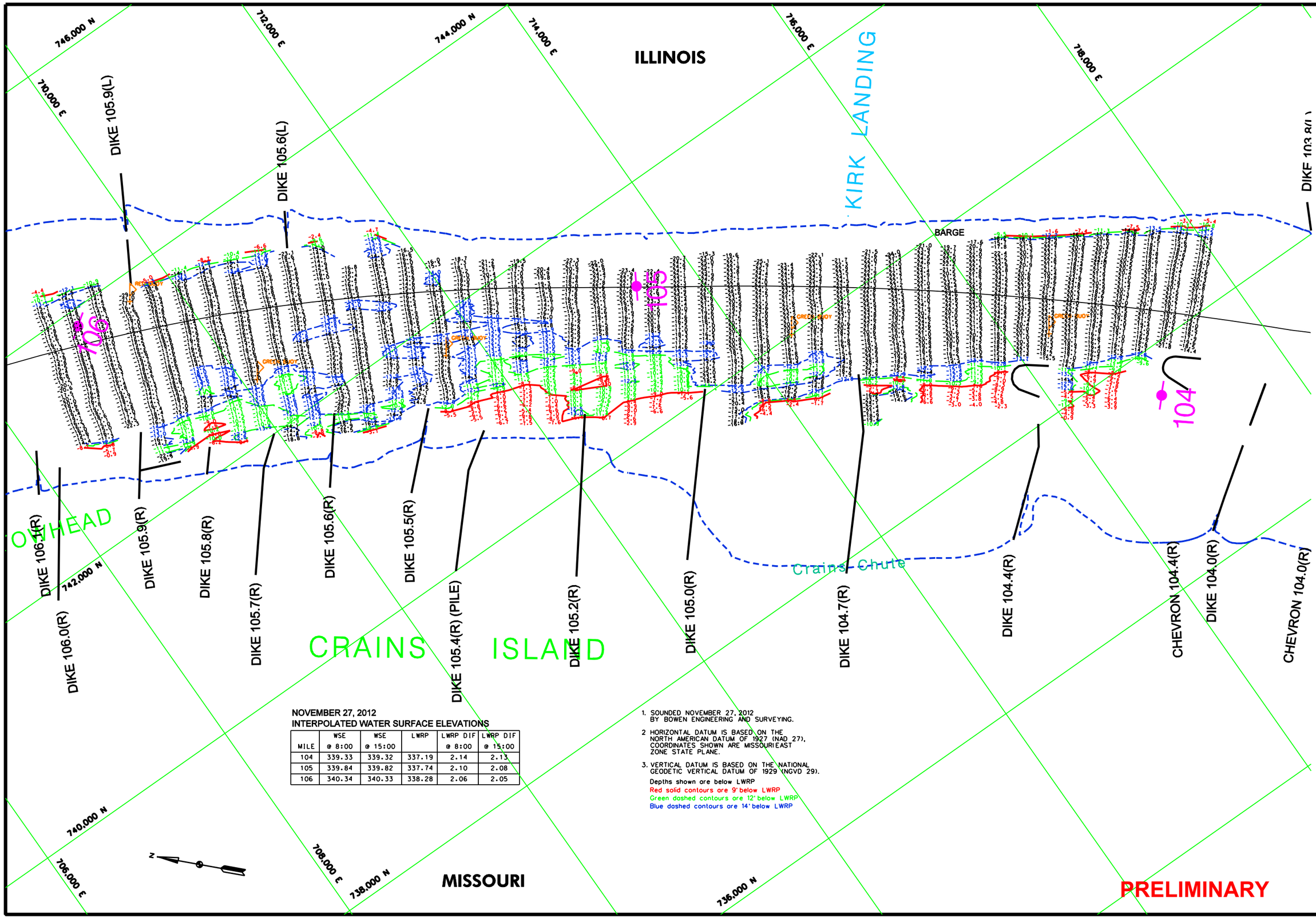

NOVEMBER 27, 2012
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 8:00	WSE @ 15:00	LWRP	LWRP DIF @ 8:00	LWRP DIF @ 15:00
104	339.33	339.32	337.19	2.14	2.13
105	339.84	339.82	337.74	2.10	2.08
106	340.34	340.33	338.28	2.06	2.05

1. SOUNDED NOVEMBER 27, 2012 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 LWRP
Red solid contours are 9' below LWRP
Green dashed contours are 12' below LWRP
Blue dashed contours are 14' below LWRP

US Army Corps of Engineers
St. Louis District

GAGE RECORD		
	BISHOPS LANDING, MO	CHESTER, IL
ZERO N.G.V.D.	334.11	341.05
MLE	100.8	109.9
L. W. R. P.	335.4	340.4
27 NOV 2012	3,668:200 3,815:200	1,718:000 1,241:500

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.)

Surveyed by: BOWEN ENGINEERING
Survey Date: NOVEMBER 27, 2012
Drawn by: X
Chd by: X
Reviewed by: X
SUBMITTED: PAUL CLOUSE, Chief, Engr. Data Mngt. Sect.
APPROVED: KEITH L. SHORT, Chief, Geospatial Eng. Branch
Plot date: MMDDYYYY:HHMMMM
File name: MMDDSSSCHRPSLBRPCRSTCHWW

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 120 240 METERS
400 0 400 800 FEET

THE NEWMARK REPORTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE BY OTHERS. THE CORPS OF ENGINEERS DOES NOT VOUCH FOR THE ACCURACY OF THE NEWMARK AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PRE DREDGE SURVEYS

RIVER MILES 106.0 – 104.0

PLATE NUMBER
XX