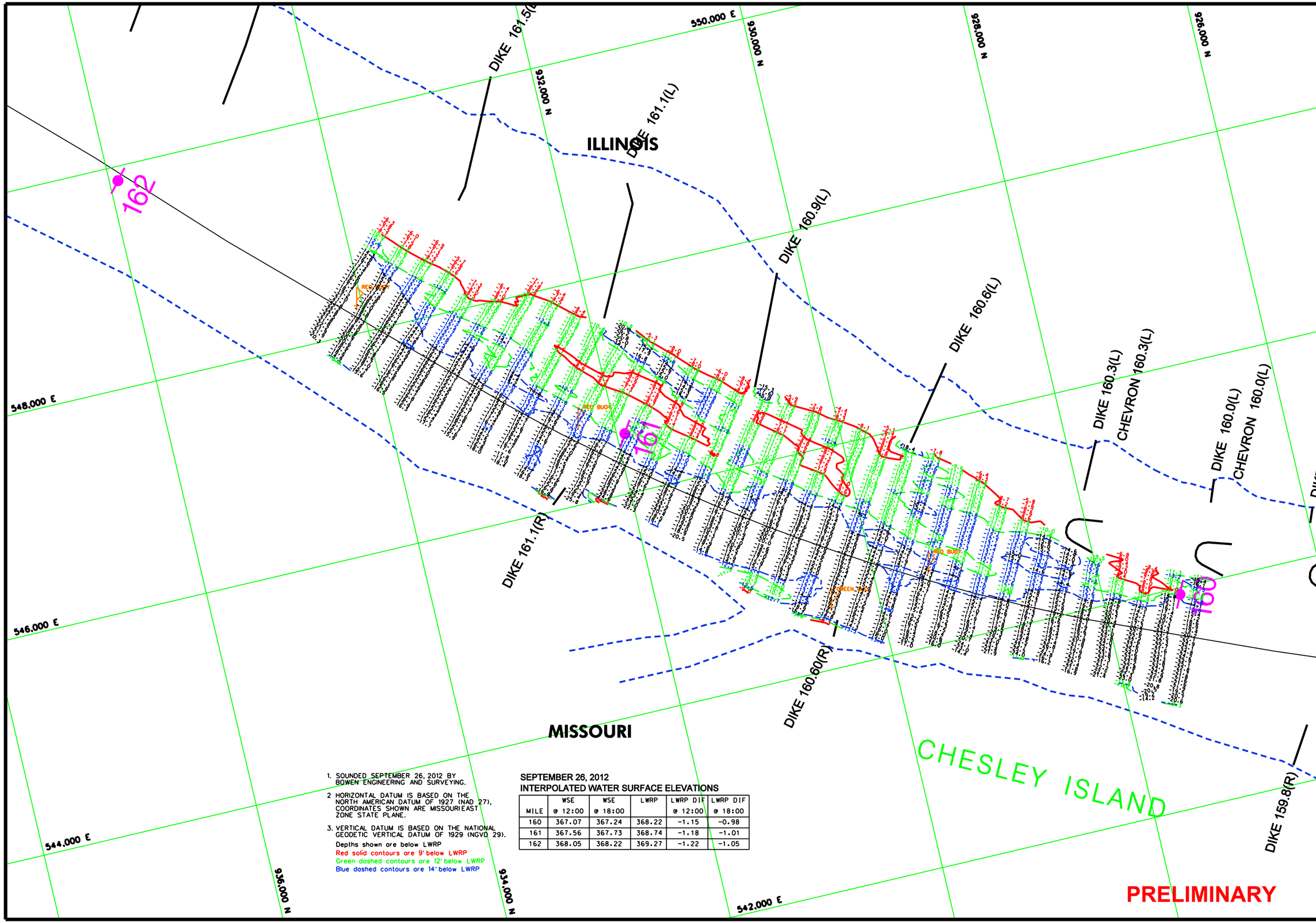

1. SOUNDED SEPTEMBER 26, 2012 BY BOWEN ENGINEERING AND SURVEYING.
2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1927 (NAD 27), COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
3. VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).

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

SEPTEMBER 26, 2012
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 12:00	WSE @ 18:00	LWRP	LWRP DIF @ 12:00	LWRP DIF @ 18:00
160	367.07	367.24	368.22	-1.15	-0.98
161	367.56	367.73	368.74	-1.18	-1.01
162	368.05	368.22	369.27	-1.22	-1.05

PRELIMINARY

US Army Corps of Engineers
St. Louis District

GAGE RECORD

	BRICKEY'S LANDING	JEFFERSON BARRACKS
ZERO N.G.V.D.	357.78	377.69
MILE	136.0	168.7
L. W. R. P.	356.2	372.8
26 SEP 2012	-2.55(12:00) -2.33(18:00)	-5.41(10:04)

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-37 LOW WATER REFERENCE PLANE (L.W.R.P.) 154.000 C.F.S.

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 26, 2012
Drawn by: x
Reviewed by: x
Ckd by: x
SUBMITTED: x
APPROVED: x
File name: MISSISSIPPI.RIVER.PROFILE.DWG
Plot date: ##/##/##

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

240 METERS
800 FEET

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE POSSIBLE TYPE OF DREDGING PROGRAM NECESSARY TO MAINTAIN A 9' NAVIGATION CHANNEL AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY

RIVER MILES: 161.5 – 160.0

PLATE NUMBER
XX