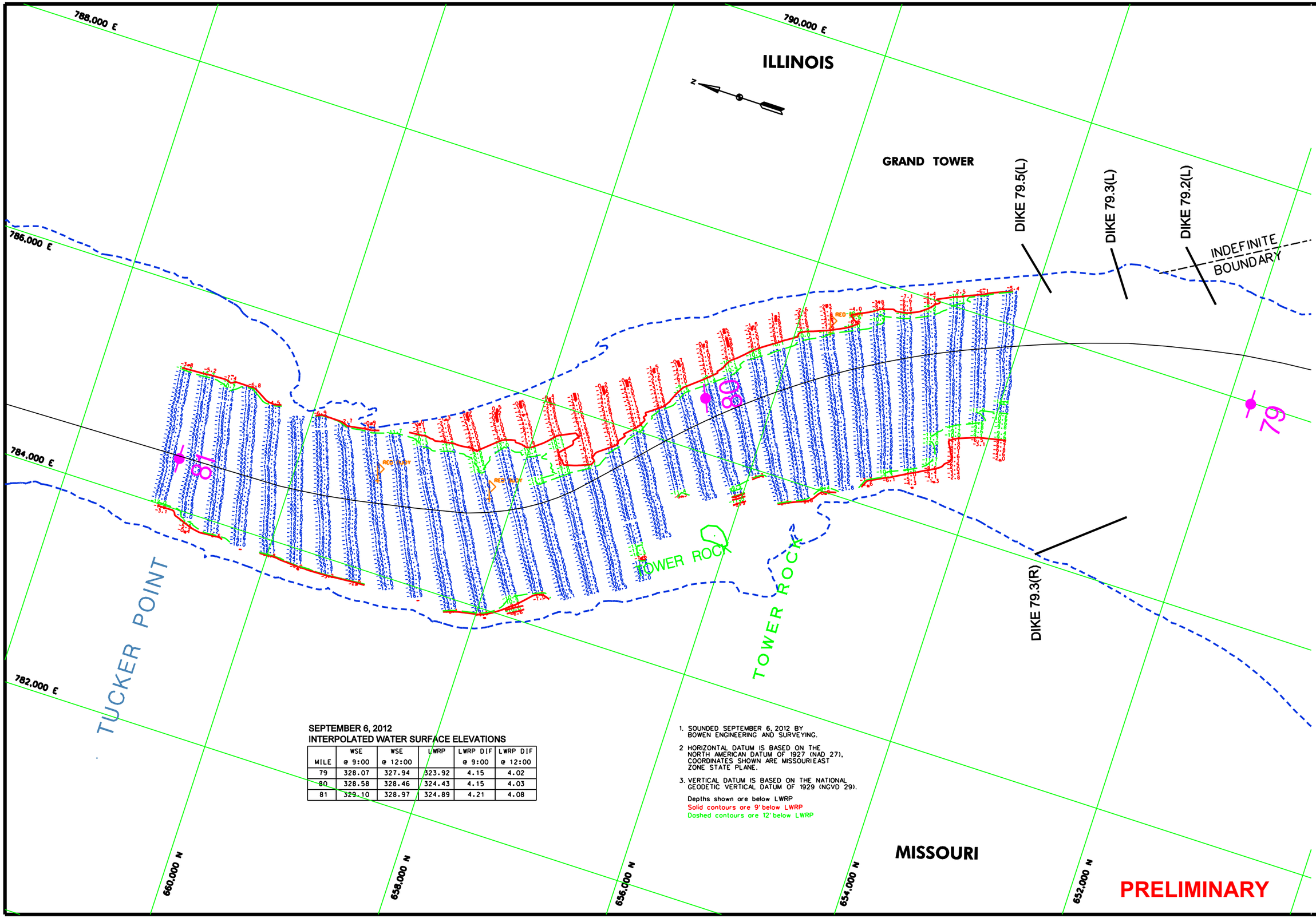

SEPTEMBER 6, 2012
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 9:00	WSE @ 12:00	LWRP	LWRP DIF @ 9:00	LWRP DIF @ 12:00
79	328.07	327.94	323.92	4.15	4.02
80	328.58	328.46	324.43	4.15	4.03
81	329.10	328.97	324.89	4.21	4.08

1. SOUNDED SEPTEMBER 6, 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
Solid contours are 9' below LWRP
Dashed contours are 12' below LWRP

PRELIMINARY

US Army Corps of Engineers
St. Louis District

GAGE RECORD		
	CAPE GIRARDEAU, MO	GRAND TOWER, IL
ZERO N.G.V.D.	304.65	321.93
MILE	52.1	81.9
L. W. R. P.	309.9	325.3
06 SEP 2012	9.469-001 9.381/2-001	7.849-001 7.531/2-001

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.)

Surveyed by: BOWEN ENGINEERING
Survey Date: SEPTEMBER 6, 2012
Drawn by: x
Ckd by: x
Reviewed by: x
SUBMITTED: x
APPROVED: x
Chief, Engr. Data Mngt. Sect.
Chief, Geospatial Branch
Plot date: ########
File name: ##########

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

UPPER MISSISSIPPI RIVER BASIN
MISSISSIPPI RIVER

120 0 240 METERS
400 0 800 FEET

THE INFORMATION REPORTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY MADE ON THE DATE SHOWN AND IS INTENDED TO BE USED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

PRE DREDGE SURVEY

RIVER MILES 81.0 – 79.5

PLATE NUMBER
XX