



GAGE RECORD		ST. LOUIS	
WATER SURFACE	MUNDY'S LANDING	L & D 22 (LOWER)	L & D 22 (UPPER)
441.9	441.9	446.1	446.1
293.0	293.0	301.2	301.2
449.0	449.0	449.1	449.1
22 SEP 2011	449.5 (7.6)	450.5 (4.4)	450.5 (4.4)
26 SEP 2011	449.8 (7.3)	451.0 (4.3)	451.0 (4.3)

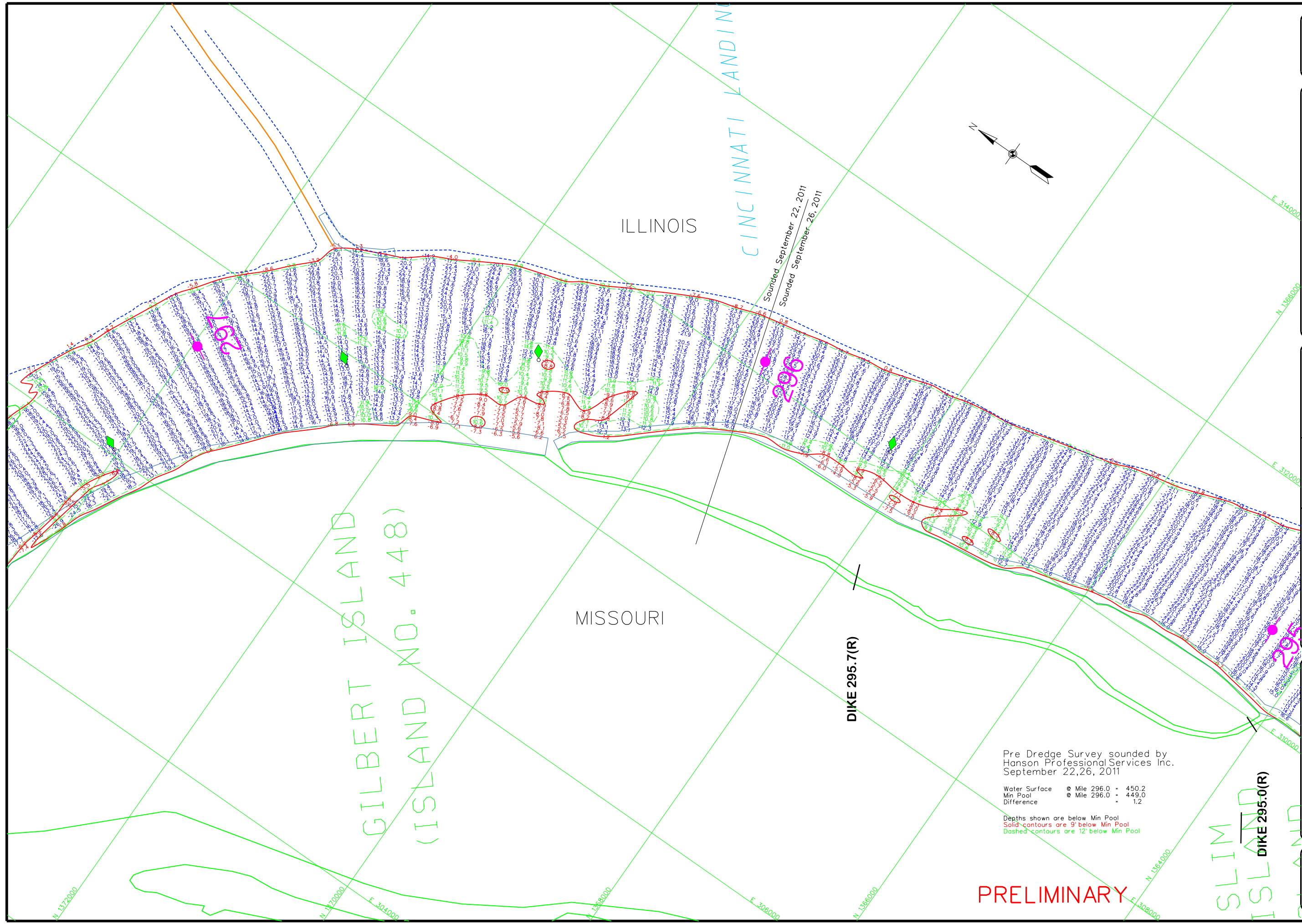
ELEVATIONS ARE REFERRED TO I.C.E.S. - CONTOURS ARE BELOW 1995.5' FOR WATER REFERENCE PLANE (U.S.P.S. 1985) C.F.S.

Survey Date: Sept. 22, 26, 2011	Submitted by: HANSON	U.S. ARMY ENGINEER DIVISION
Submitted by: MARS, PC/M	Drawn by: RCA	CORPS OF ENGINEERS
Chief Eng. Data Mngt. Sect.	Reviewed by: [Signature]	ST. LOUIS, MISSOURI
File name: 2982611.dgn	APPROVED: [Signature]	UPPER MISSISSIPPI RIVER BASIN
Plot date: October 3, 2011	Chief, Geospatial Branch	MISSISSIPPI RIVER
Plot scale: 1"=400'		

240 METERS	PRE DREDGE SURVEY
120 METERS	MILE: 298.5-294.0
0	
400 FEET	
800 FEET	
1200 FEET	

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER THE GENERAL CONDITIONS EXISTING AT THAT TIME AS INDICATED BY THE GENERAL CONDITIONS EXISTING AT THAT TIME.

PLATE NUMBER



Pre Dredge Survey sounded by Hanson Professional Services Inc. September 22, 26, 2011

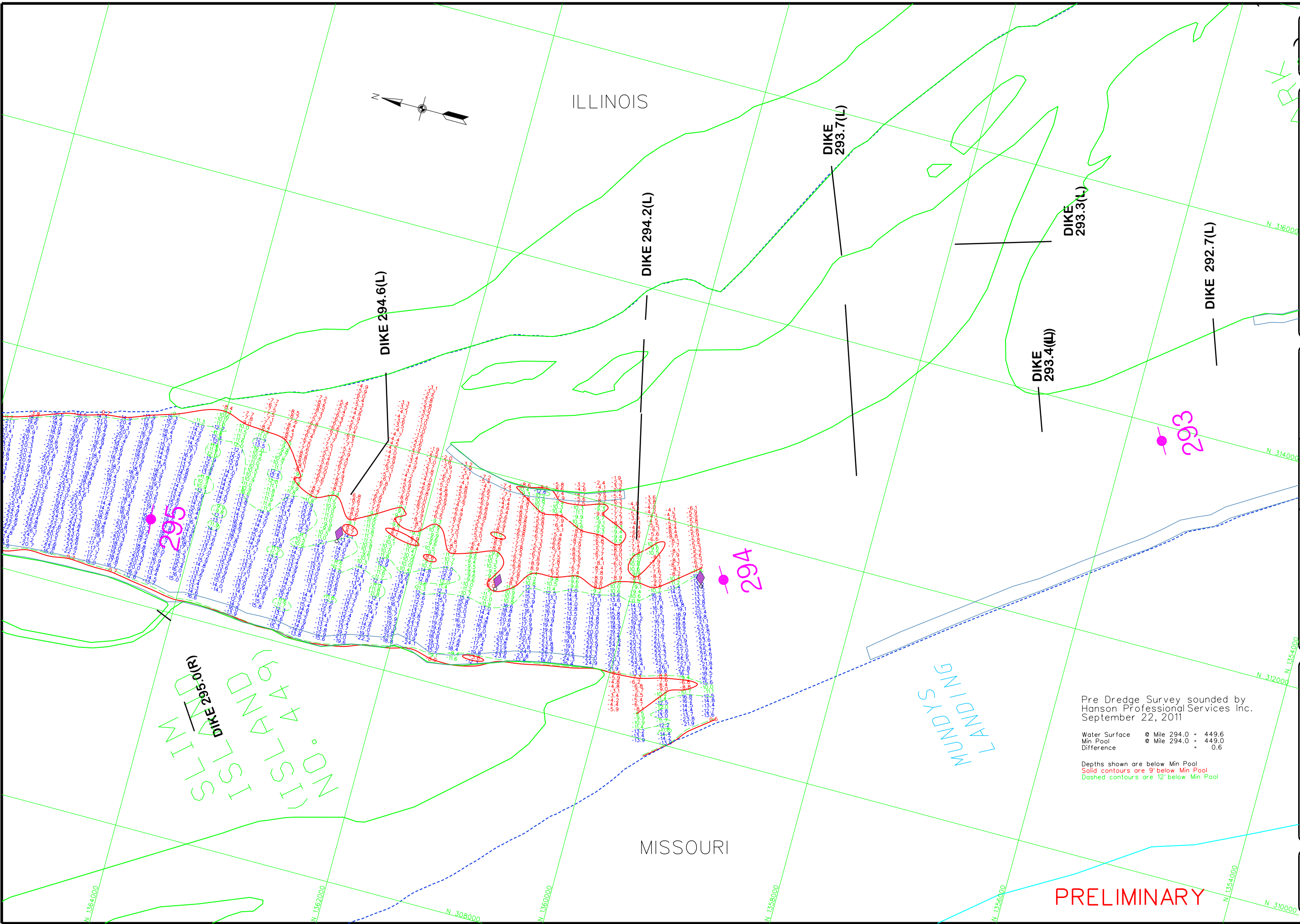
Water Surface @ Mile 296.0 = 450.2
 Min Pool @ Mile 296.0 = 449.0
 Difference = 1.2

Depths shown are below Min Pool
 Solid contours are 9' below Min Pool
 Dashed contours are 12' below Min Pool

PRELIMINARY



US Army Corps of Engineers
St. Louis District



GAGE RECORD		ST. LOUIS	
WATER SURFACE	MUNDY'S LANDING	L & D 22 (LOWER)	
ZERO N.G.V.D.	441.9	446.1	379.94
MILE	293.0	301.2	179.6
MIN POOL	449.0	449.1	376.4
	22 SEP 2011	449.5 (7.6)	450.5 (4.4)
	26 SEP 2011	449.8 (7.3)	451.0 (4.3)
ELEVATIONS ARE REFERRED TO NAVD83 - CONTOURS ARE BELOW 1995.5' FOR WATER SURFACE PLANE (L & D 22) (L & D 25)			

Survey Date: Sept. 22-26, 2011	Submitted by: HANSON	Checked by: [Signature]
Drawn by: RCA	Reviewed by: [Signature]	APPROVED: [Signature]
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER	Chief, Geospatial Branch

Scale: 1"=400'	Scale: 1"=400'
PRE DREDGE SURVEY	MILE: 298.5-294.0

PLATE NUMBER

Pre Dredge Survey sounded by
Hanson Professional Services Inc.
September 22, 2011

Water Surface @ Mile 294.0 • 449.6
Min Pool @ Mile 294.0 • 449.0
Difference • 0.6

Depths shown are below Min Pool
Solid contours are 9' below Min Pool
Dashed contours are 12' below Min Pool

PRELIMINARY