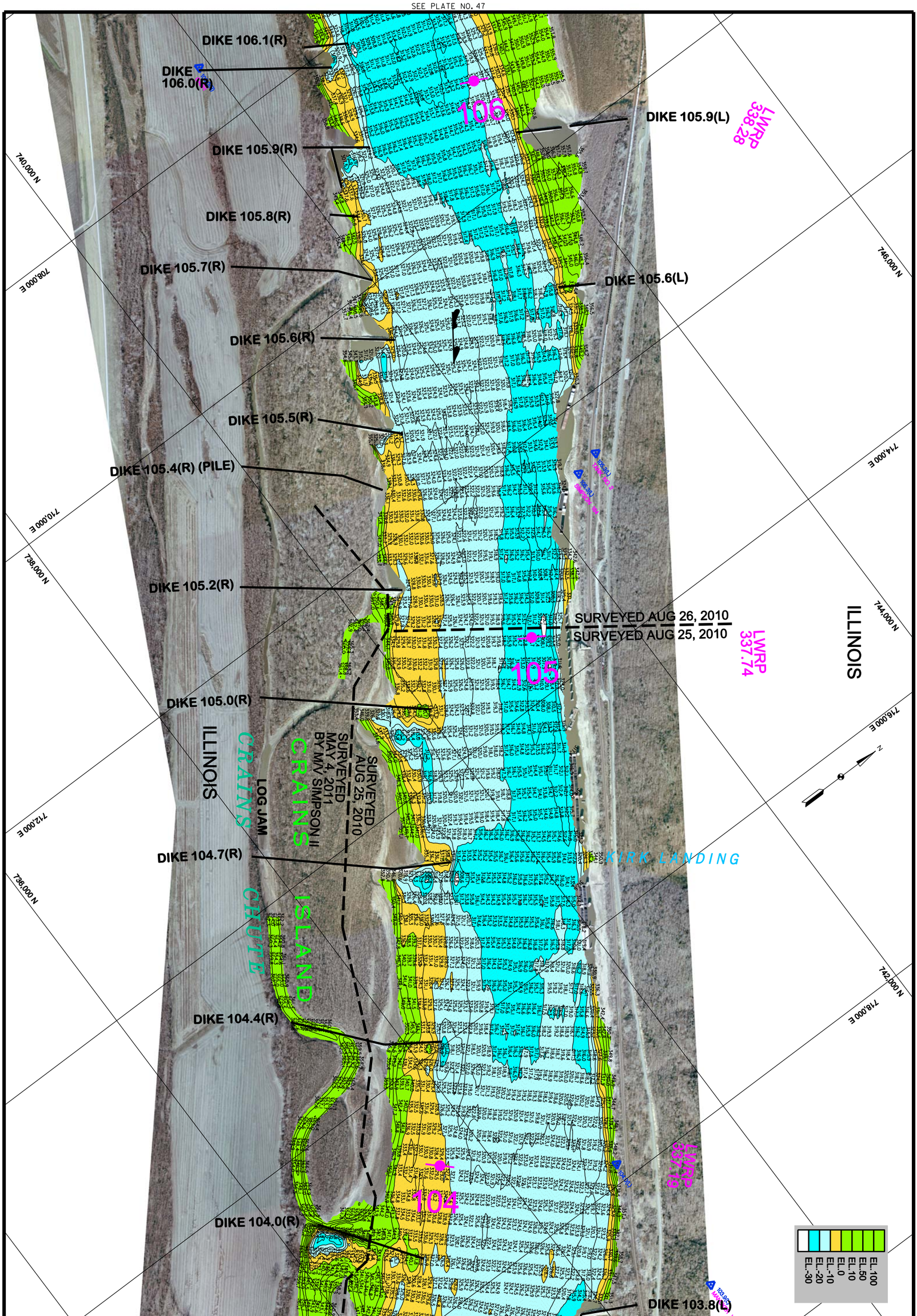
SEE PLATE NO. 47



SEE PLATE NO. 49

PLATE NUMBER 48

120 0 120 240 METERS
400 0 400 800 FEET

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME

DATE OF PHOTO MOSAIC: 22-24 FEB 2006
ST. LOUIS GAGE: -1.7, -1.8, -1.3
CAIRO GAGE: 21.1, 20.1, 19.5

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

UPPER MISSISSIPPI RIVER BASIN
HYDROGRAPHIC SURVEY
RIVER MILES 103.9 - 106.0

Surveyed by: BOWEN ENGINERING
Survey Date: MAY 4, 2011 AUG 25 & 26, 2010
Drawn by: VICTOR BEHRMANN
Ckd by: DAWN LAMM
Reviewed by: JAMES KEIM
SUBMITTED: JAMES L. KEIM Chief, Engr. Data Mngt. Sect.
APPROVED: KEITH L SHORT Chief, Geospatial Branch
Plot scale: Plot date: JULY 2011
File name: S:/HYDROSURVEY/HYDROBOOKS/LMR_0-200/2010/DGN

GAGE RECORD

	WATER SURFACE	CHESTER, IL	GRAND TOWER	RED ROCK LANDING
ZERO N.G.V.D.		341.05	321.93	328.92
MILE		109.9	81.9	94.1
L. W. R. P.		340.4	325.3	330.7
AUG 25, 2010		368.90	354.35	
AUG 26, 2010	365.32	367.83	353.46	
MAY 4, 2011		378.39		370.94

ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (54,000 C.F.S.)

US Army Corps of Engineers St. Louis District