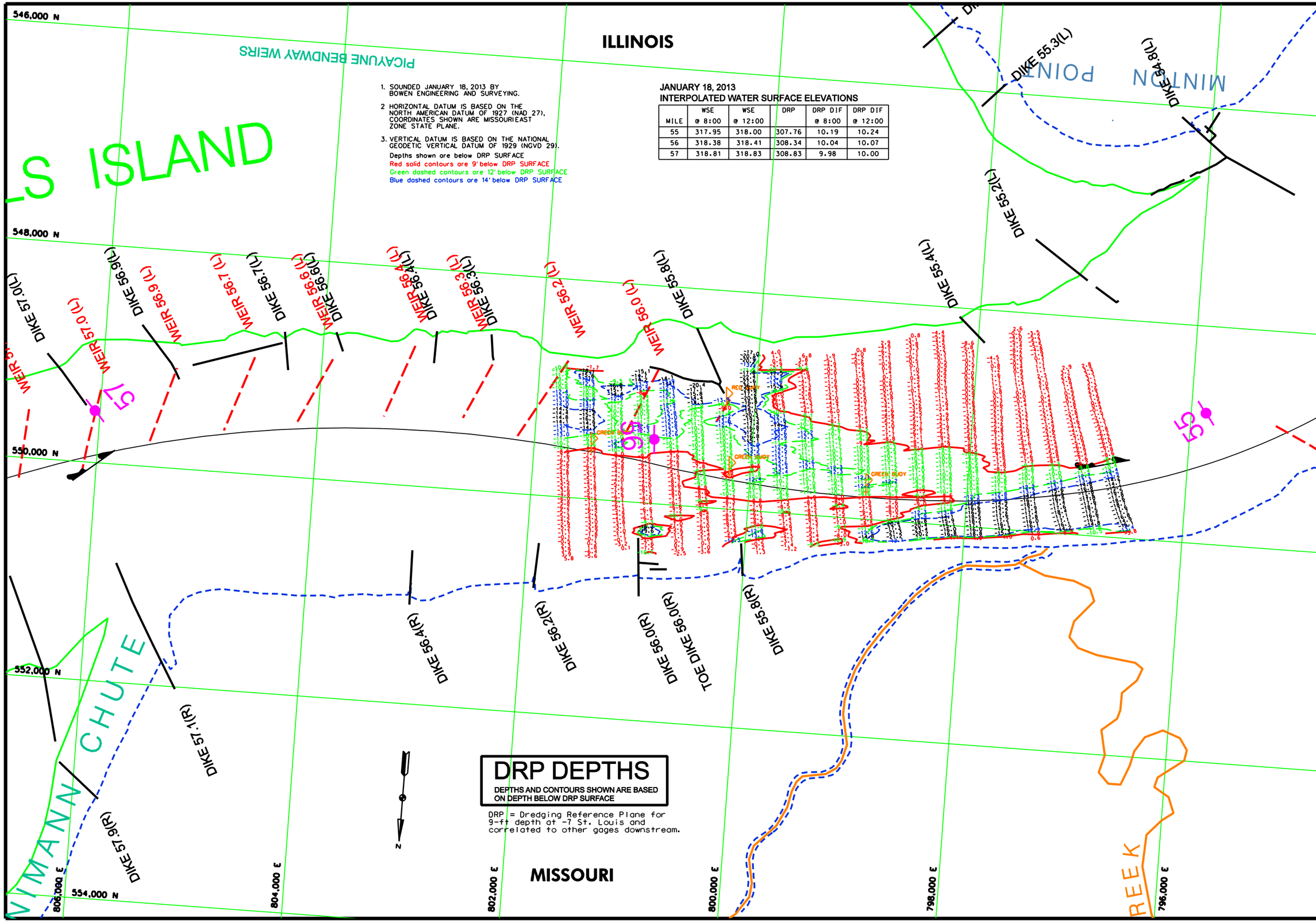
ILLINOIS
MISSOURI
PICAYUNE BENDWAY WEIRS
LS ISLAND
VIMANN CHUTE
MINTON POINT
546,000 N
548,000 N
550,000 N
552,000 N
554,000 N
806,000 E
804,000 E
802,000 E
800,000 E
798,000 E
796,000 E
DIKE 57.0(L)
WEIR 57.0 (L)
DIKE 56.9(L)
WEIR 56.9 (L)
WEIR 56.7 (L)
DIKE 56.7(L)
DIKE 56.6(L)
WEIR 56.6 (L)
DIKE 56.4(L)
WEIR 56.4 (L)
DIKE 56.3(L)
WEIR 56.3 (L)
WEIR 56.2 (L)
WEIR 56.0 (L)
DIKE 55.8(L)
DIKE 55.4(L)
DIKE 55.2(L)
DIKE 55.3(L)
DIKE 54.8(L)
DIKE 57.1(R)
DIKE 57.9(R)
DIKE 56.4(R)
DIKE 56.2(R)
DIKE 56.0(R)
TOE DIKE 56.0(R)
DIKE 55.8(R)
57
56
55
RED BUOY
GREEN BUOY
N
DRP DEPTHS
DEPTHS AND CONTOURS SHOWN ARE BASED ON DEPTH BELOW DRP SURFACE
DRP = Dredging Reference Plane for 9-ft depth at -7 St. Louis and correlated to other gages downstream.
JANUARY 18, 2013
INTERPOLATED WATER SURFACE ELEVATIONS
MILE | WSE @ 8:00 | WSE @ 12:00 | DRP | DRP DIF @ 8:00 | DRP DIF @ 12:00
55 | 317.95 | 318.00 | 307.76 | 10.19 | 10.24
56 | 318.38 | 318.41 | 308.34 | 10.04 | 10.07
57 | 318.81 | 318.83 | 308.83 | 9.98 | 10.00
1. SOUNDED JANUARY 18, 2013 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 DRP SURFACE
Red solid contours are 9' below DRP SURFACE
Green dashed contours are 12' below DRP SURFACE
Blue dashed contours are 14' below DRP SURFACE
US Army Corps of Engineers St. Louis District
GAGE RECORD
CAPE GIRARDEAU, MO | MOCCASIN SPRINGS, MO | GRAND TOWER, IL
ZERO N.G.V.D. 304.65 313.89 32.93
MILE 52.1 66.3 81.9
L. W. R. P. 309.9 317.8 325.3
18 JAN 2013 12.05/8:00 12.61/12:00 8.92/8:00 8.76/12:00 8.17/8:00 8.41/12:00
ELEVATIONS ARE REFERRED TO N.G.V.D. - CONTOURS ARE BELOW 1956-57 LOW WATER REFERENCE PLANE (L.W.R.P.) (9-FOOT C.F.S.)
Surveyed by: BOWEN ENGINEERING
Survey Date: JANUARY 18, 2013
Drawn by: X
Chd by: X
Reviewed by: X
SUBMITTED: X
APPROVED: X
Plot date: 00000/STE/TMS00000
File name: MISSISSIPPI/SURVEY/CAT/CAT00000
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 INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED. THEY ARE PRESENTED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME
POST DREDGE SURVEY
RIVER MILES 56.1 – 55.2
PLATE NUMBER
XX