



US Army Corps of Engineers
St. Louis District

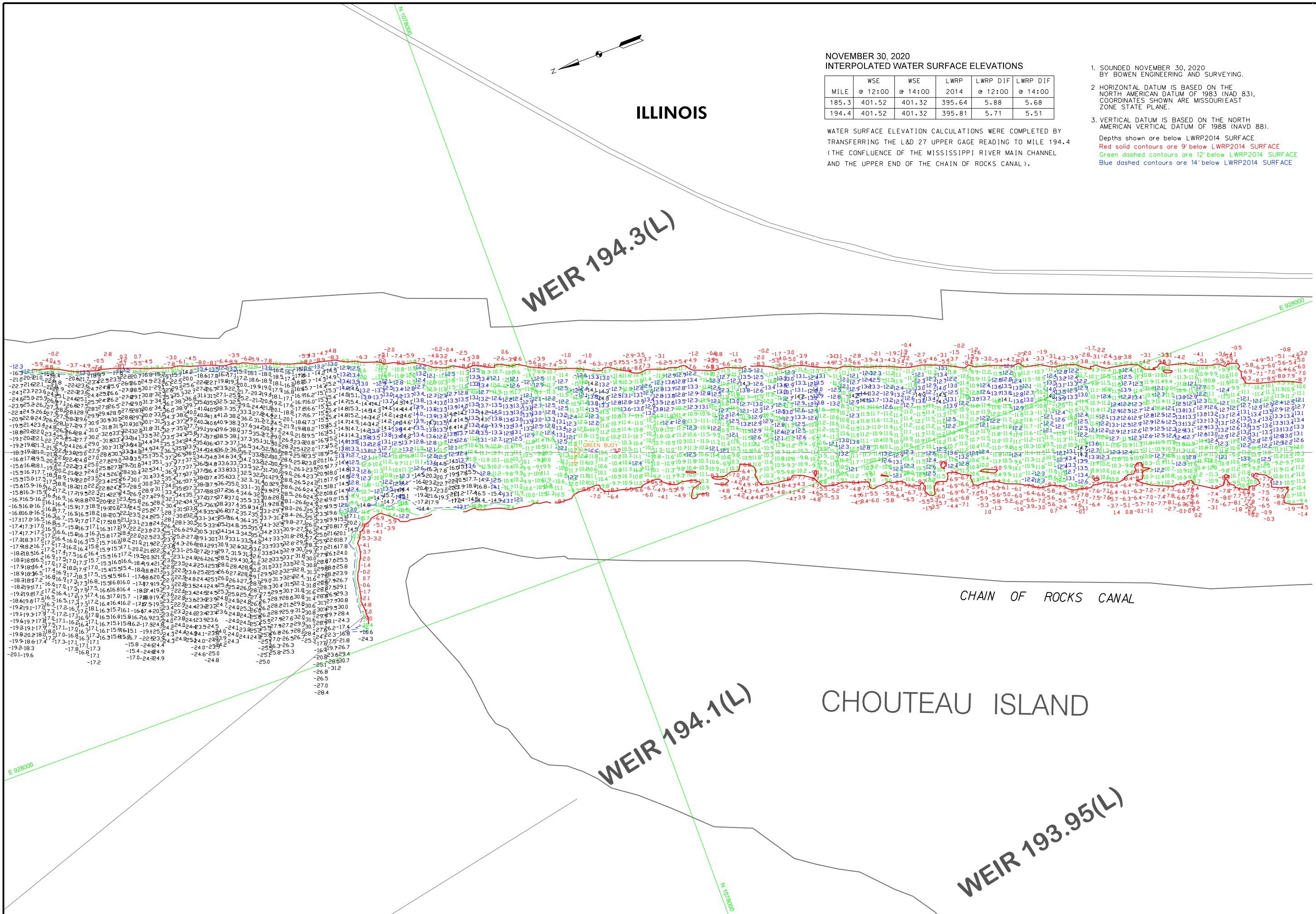
NOVEMBER 30, 2020
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 12:00	WSE @ 14:00	LWRP 2014	LWRP DIF @ 12:00	LWRP DIF @ 14:00
185.3	401.52	401.32	395.64	5.88	5.68
194.4	401.52	401.32	395.81	5.71	5.51

WATER SURFACE ELEVATION CALCULATIONS WERE COMPLETED BY TRANSFERRING THE L&D 27 UPPER GAGE READING TO MILE 194.4 (THE CONFLUENCE OF THE MISSISSIPPI RIVER MAIN CHANNEL AND THE UPPER END OF THE CHAIN OF ROCKS CANAL).

- SOUNDED NOVEMBER 30, 2020 BY BOWEN ENGINEERING AND SURVEYING.
- HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
- VERTICAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1988 (NAVD 88).

Depths shown are below LWRP2014 SURFACE
Red solid contours are 9' below LWRP2014 SURFACE
Green dashed contours are 12' below LWRP2014 SURFACE
Blue dashed contours are 14' below LWRP2014 SURFACE



GAGE RECORD		L&D 27 UPPER	
MEL PRICE L&D TW	305.04	305.04	305.04
MEL N.A.V.D.	200.5	200.5	200.5
MILE	194.4	194.4	194.4
LWRP 2014	306.30	306.30	306.30
SD NOV 2020	7.50E02	7.50E02	7.50E02

Survey Dates	Reviewed by
NOVEMBER 30, 2020	X

Drawn by	Checked by	APPROVED:
X	X	X

Scale	Vertical Datum
60 METERS	NAVD 88
200 FEET	NAVD 88