

SEPTEMBER 22, 2020  
INTERPOLATED WATER SURFACE ELEVATIONS

MILE	WSE @ 10:00	WSE @ 12:00	LWRP 2014	LWRP DIF @ 10:00	LWRP DIF @ 12:00
185.3	399.33	399.53	395.64	3.69	3.89
194.4	399.33	399.53	395.81	3.52	3.72

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).

1. SOUNDED SEPTEMBER 22, 2020 BY BOWEN ENGINEERING AND SURVEYING.
  2. HORIZONTAL DATUM IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83). COORDINATES SHOWN ARE MISSOURI EAST ZONE STATE PLANE.
  3. VERTICAL DATUM IS BASED ON THE NORTH AMERICAN VERTICAL 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	
MEL PRICE L&D TW	CHAIN OF ROCKS UPPER
ZERO N.A.V.D.	L&D 27 UPPER
MILE	185.3
LWRP 2014	194.4
22 SEP 2020	194.4

SURVEY DATA	
SEPTEMBER 22, 2020	
Drawn by:	Reviewed by:
Submitted:	Approved:
U.S. ARMY ENGINEER DIVISION CORPS OF ENGINEERS ST. LOUIS, MISSOURI	UPPER MISSISSIPPI RIVER BASIN MISSISSIPPI RIVER

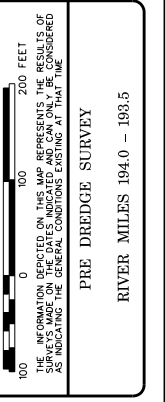


PLATE NUMBER  
XX  
SHEET 1 OF 2



US Army Corps of Engineers  
St. Louis District

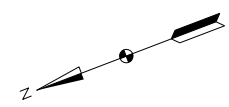
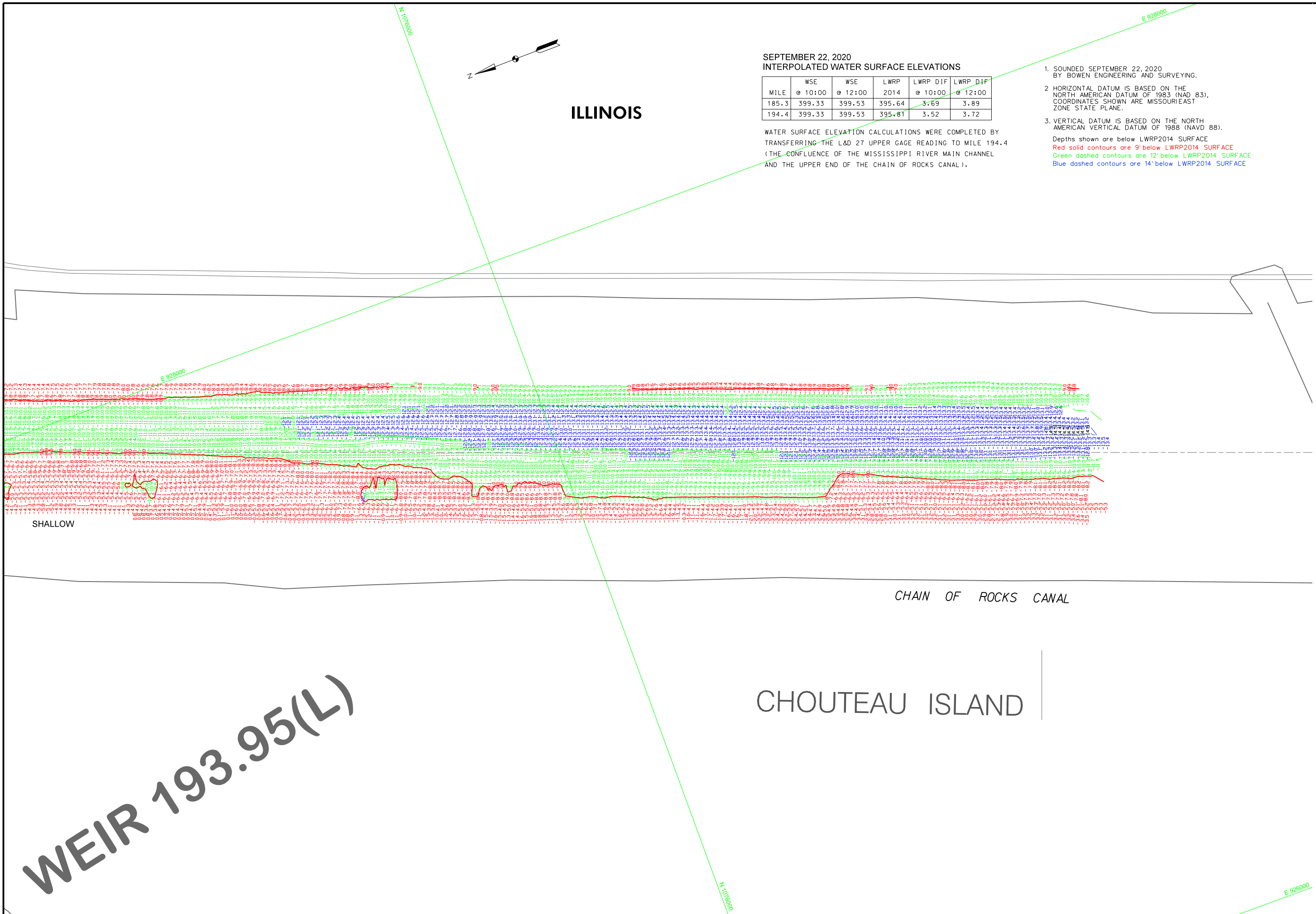
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ILLINOIS

N 1076000

E 928000

E 928000

N 1076000

E 928000

GAGE RECORD	
MEL PRICE L&D TW	CHAIN OF ROCKS UPPER
ZERO N.A.V.D.	L&D 27 UPPER
MILE	185.3
LWRP 2014	395.64
22 SEP 2020	5.30(800) 3.50(1200)

Survey Dates		SEPTEMBER 22, 2020	
Drawn by:	Reviewed by:	Submitted:	Approved:
BOWEN ENGINEERING	X	X	X
UPPER MISSISSIPPI RIVER BASIN			
MISSISSIPPI RIVER			

PRE DREDGE SURVEY	
60 METERS	200 FEET
0	0
100	100
200	200

PLATE NUMBER  
XX  
SHEET 2 OF 2