22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
NAVD88

MILE	MP	WS 1100	WS 1700	MP DIFF 1100	MP DIFF 1700
Chester					
109.9		350.2	350.1		
109.0	340.13	349.7	349.6	9.5	9.5
108.0	339.65	349.1	349.1	9.5	9.5
107.0	339.06	348.6	348.6	9.5	9.5
106.0	338.46	348.1	348.0	9.6	9.6
105.0	337.82	347.5	347.5	9.7	9.7
104.0	337.21	347.0	347.0	9.8	9.8
103.0	336.59	346.5	346.4	9.9	9.8
102.0	336.01	345.9	345.9	9.9	9.9
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96.0	332.11	342.7	342.7	10.6	10.6
95.0	331.35	342.2	342.2	10.8	10.8
94.0	330.70	341.6	341.6	10.9	10.9
Red Rock Landing					
94.1		341.7	341.7		

CHANNEL SURVEY

1. Sounded 22 November 2021 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
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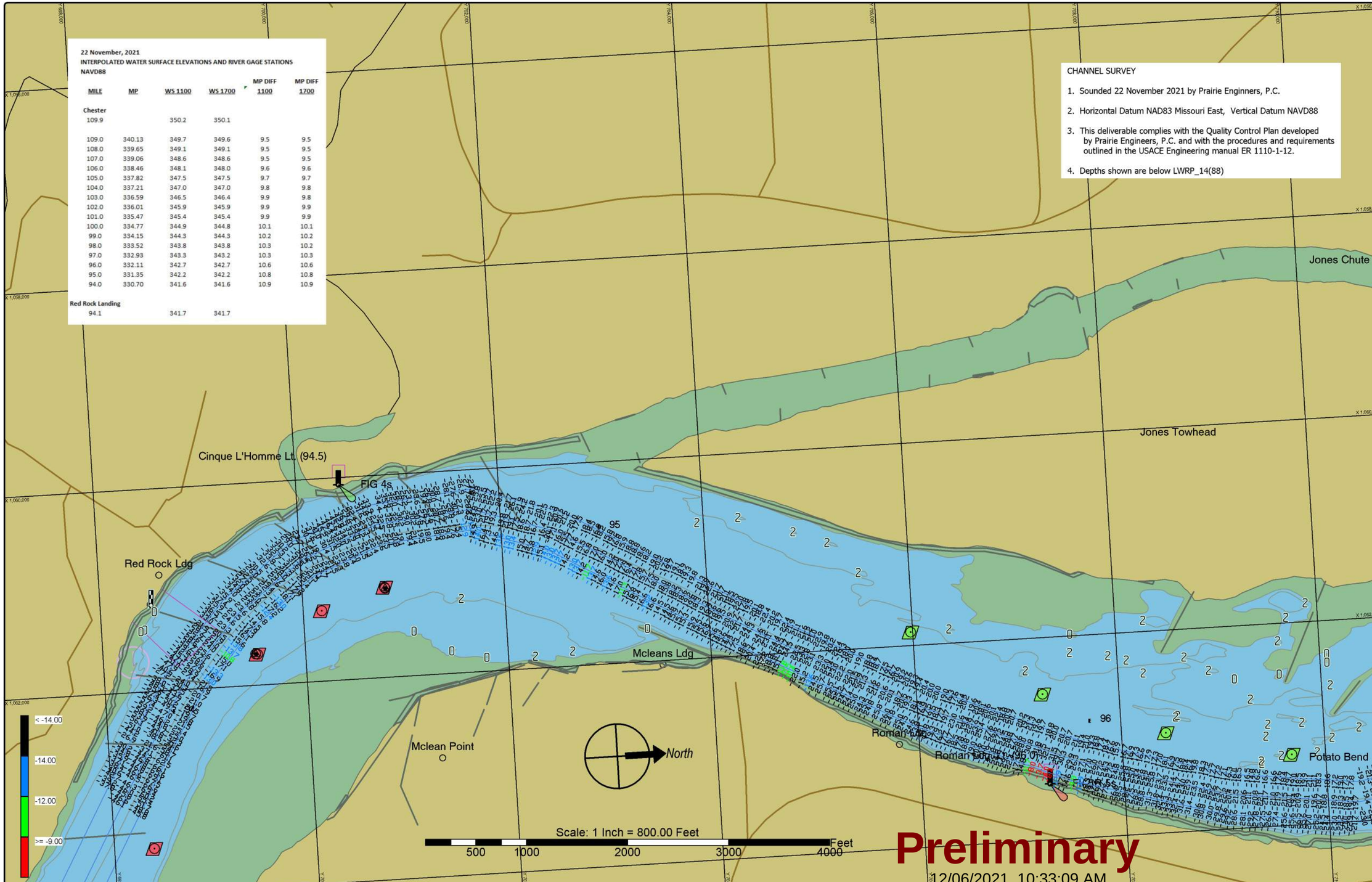

ST. LOUIS DIST

DATES OF SURVEY: 22 NOVEMBER, 2021

FILE NO.: REQUEST NO.:

SCALE: ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Abednego Nkem, FIELD CARTOGRAPHER
Approved: Jarrett Langer, CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Langer, ASST. CHIEF OF SURVEY
Approved: Darren Forgy, CHIEF OF SURVEY
Date: 6 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

1 of 7

Sheet 1

22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
NAVD88

MILE	MP	WS 1100	WS 1700	MP DIFF 1100	MP DIFF 1700
Chester					
109.9		350.2	350.1		
109.0	340.13	349.7	349.6	9.5	9.5
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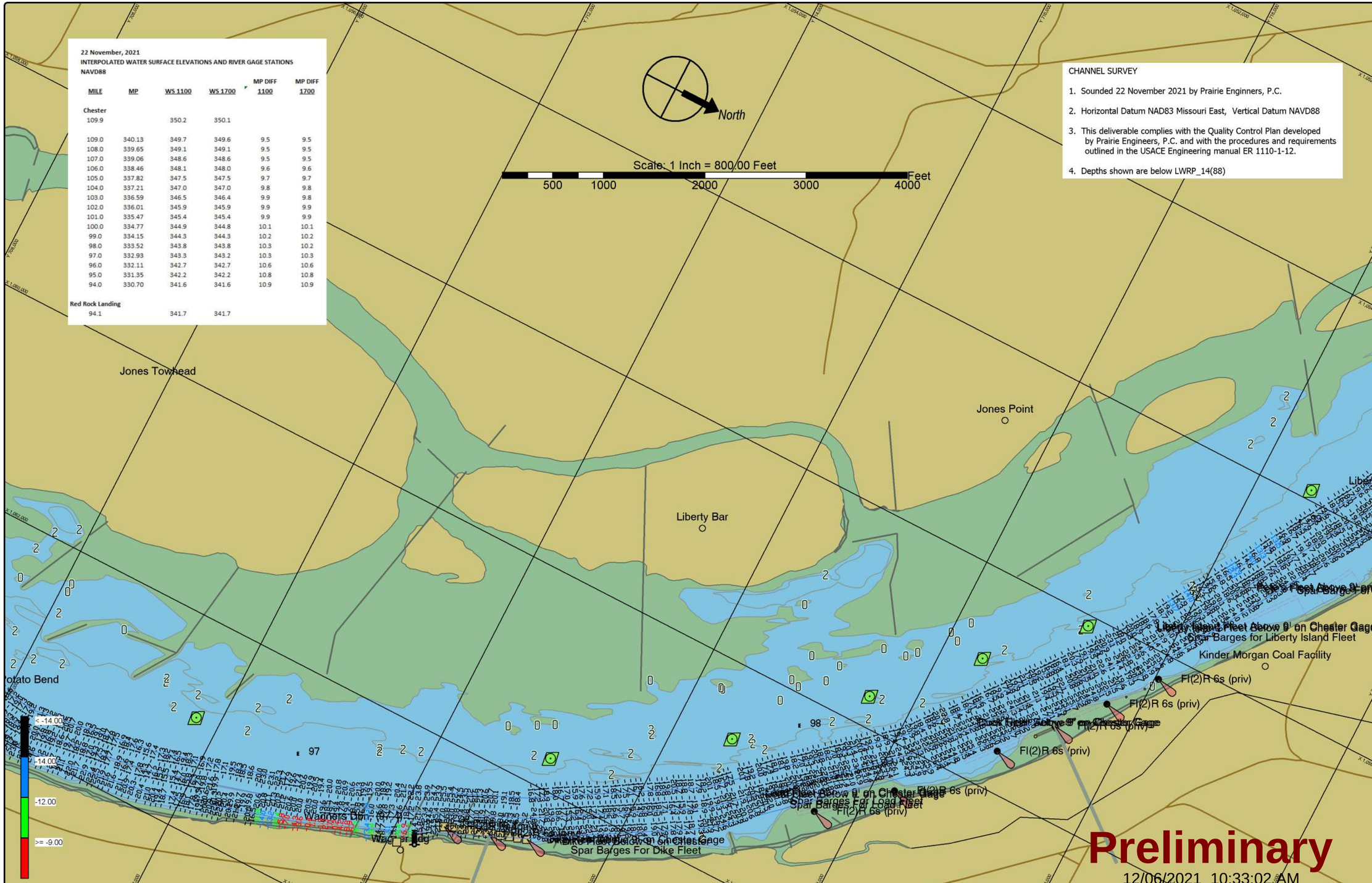
Red Rock Landing					
94.1		341.7	341.7		



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ST. LOUIS DIST

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Approved: Abednego Nkem, FIELD CARTOGRAPHER
Approved: Jarrett Langer, CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Langer, ASST. CHIEF OF SURVEY
Approved: Darren Forgy, CHIEF OF SURVEY
Date: 6 DECEMBER 2021

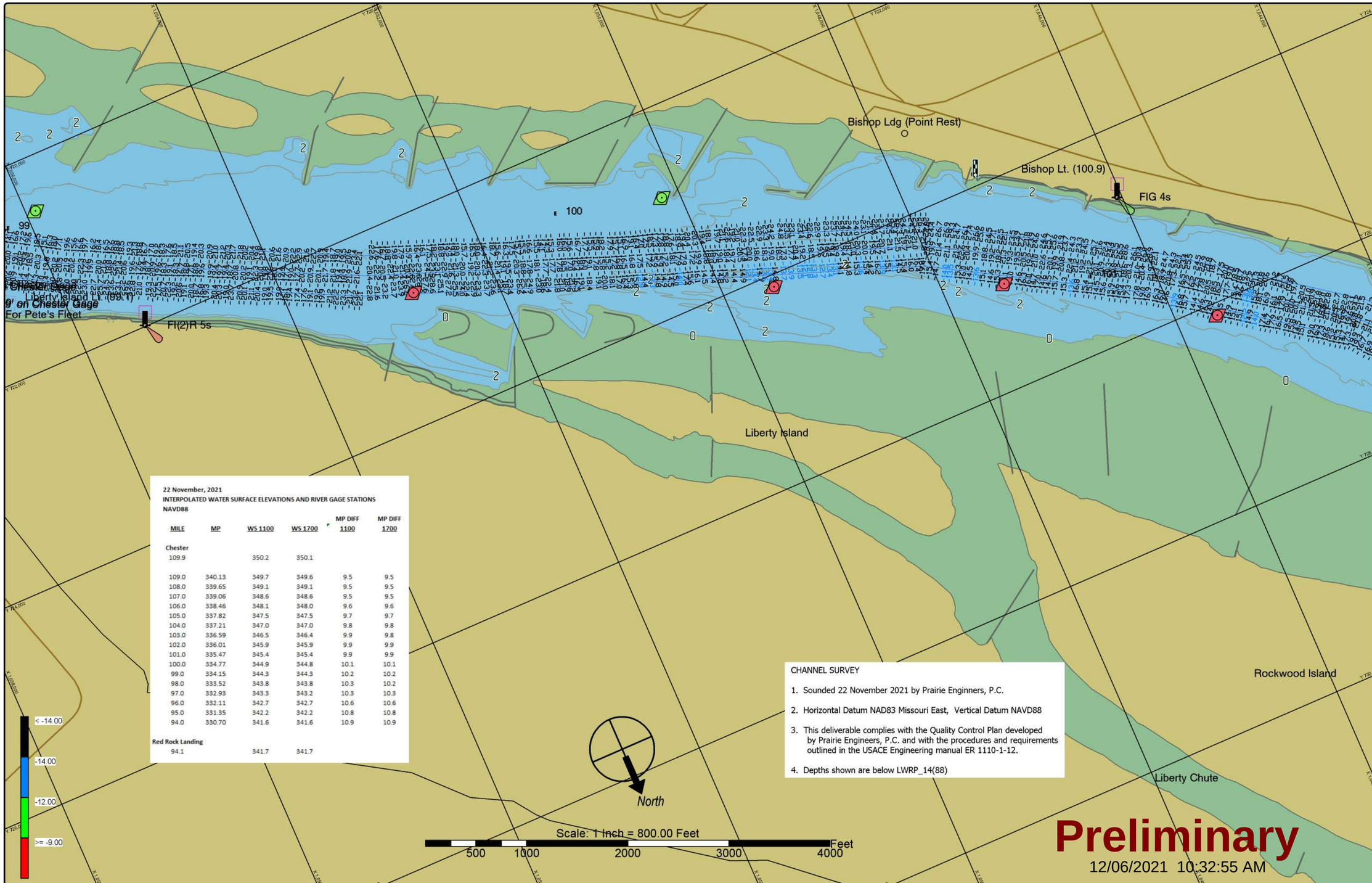
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

2 of 7

Sheet 2



22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
NAVD88

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Red Rock Landing					
94.1		341.7	341.7		

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ST. LOUIS DIST

DATES OF SURVEY: 22 NOVEMBER, 2021

FILE NO.:
REQUEST NO.:

SCALE: ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER

Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer
ASST. CHIEF OF SURVEY

Approved: Darren Forgy
CHIEF OF SURVEY

Date: 6 DECEMBER 2021

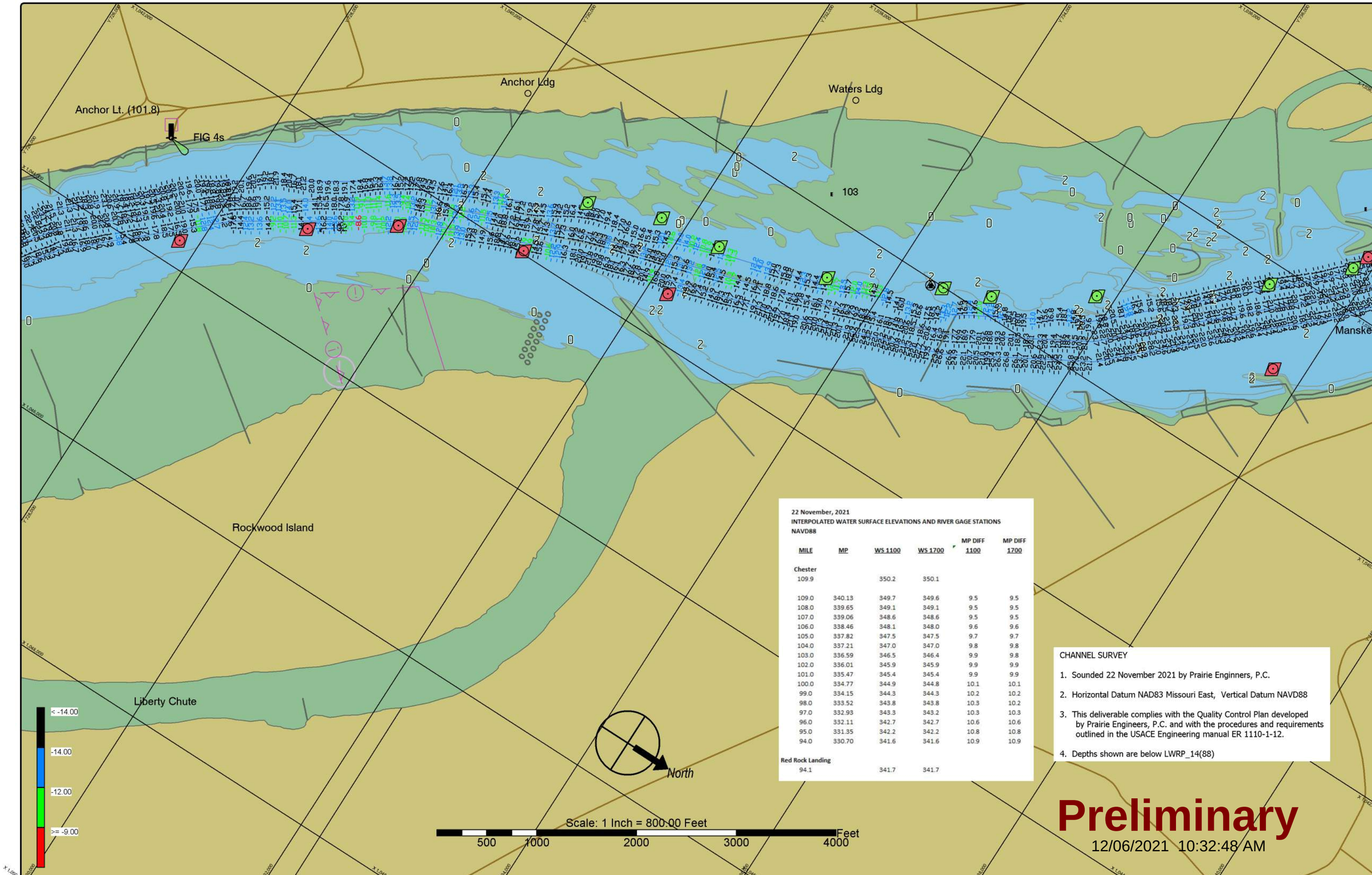
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

3 of 7

Sheet 3



22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
NAVD88

MILE	MP	WS 1100	WS 1700	MP DIFF 1100	MP DIFF 1700
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Red Rock Landing					
94.1		341.7	341.7		

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Preliminary
12/06/2021 10:32:48 AM

ST. LOUIS DIST

DATES OF SURVEY: 22 NOVEMBER, 2021

FILE NO.:
REQUEST NO.:

SCALE: ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER
Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Langer
ASST. CHIEF OF SURVEY
Approved: Darren Forgy
CHIEF OF SURVEY
Date: 6 DECEMBER 2021

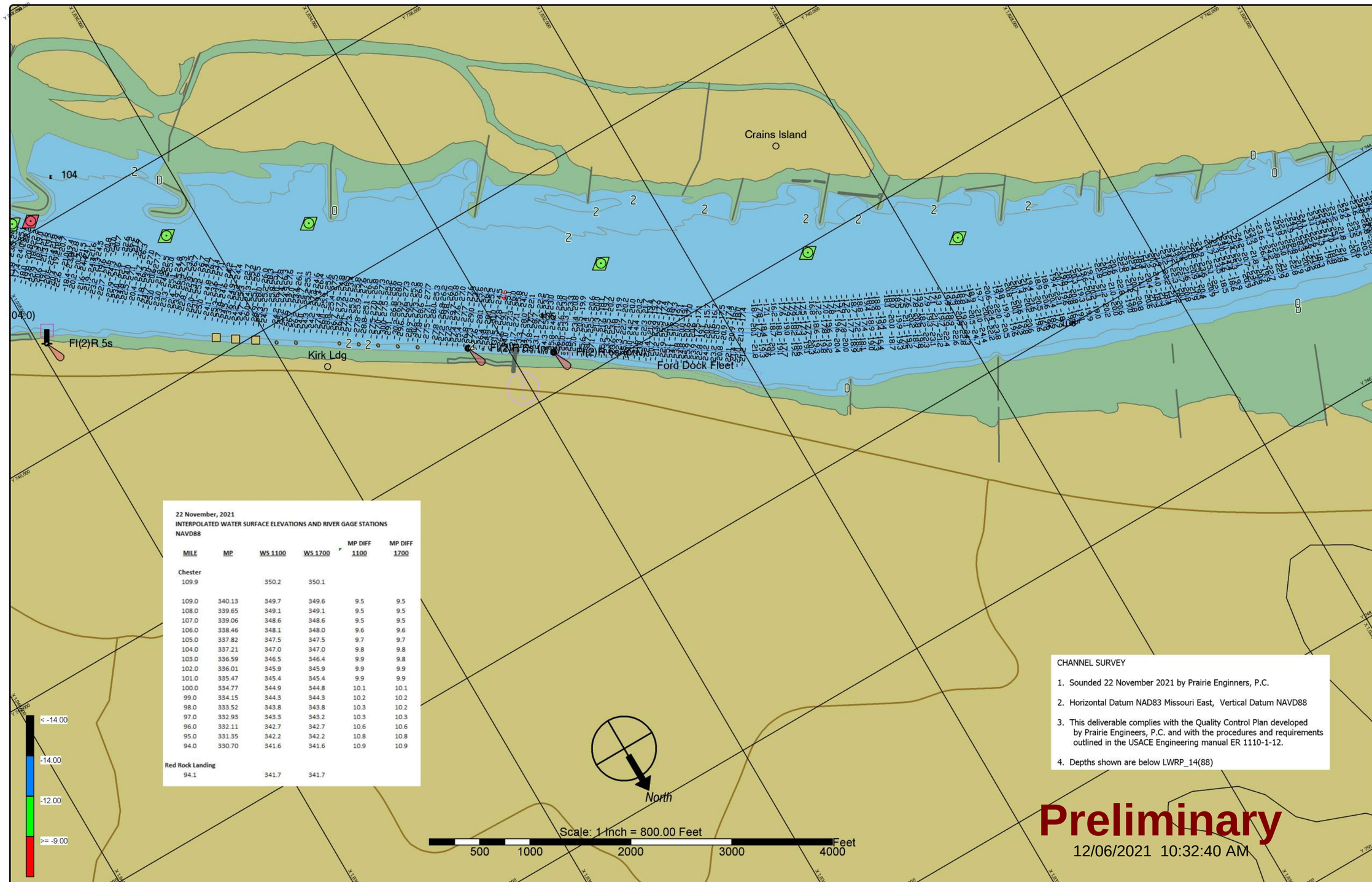
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

4 of 7

Sheet 4



22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
NAVD88

MILE	MP	WS 1100	WS 1700	MP DIFF 1100	MP DIFF 1700
Chester					
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Preliminary
12/06/2021 10:32:40 AM

ST. LOUIS DIST

DATES OF SURVEY: 22 NOVEMBER, 2021

FILE NO.: REQUEST NO.:

SCALE: ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Abednego Nkem
FIELD CARTOGRAPHER
Approved: Jarrett Langer
CIVIL ENGINEERING TECHNICIAN
Approved: Jarrett Langer
ASST. CHIEF OF SURVEY
Approved: Darren Forgy
CHIEF OF SURVEY
Date: 6 DECEMBER 2021

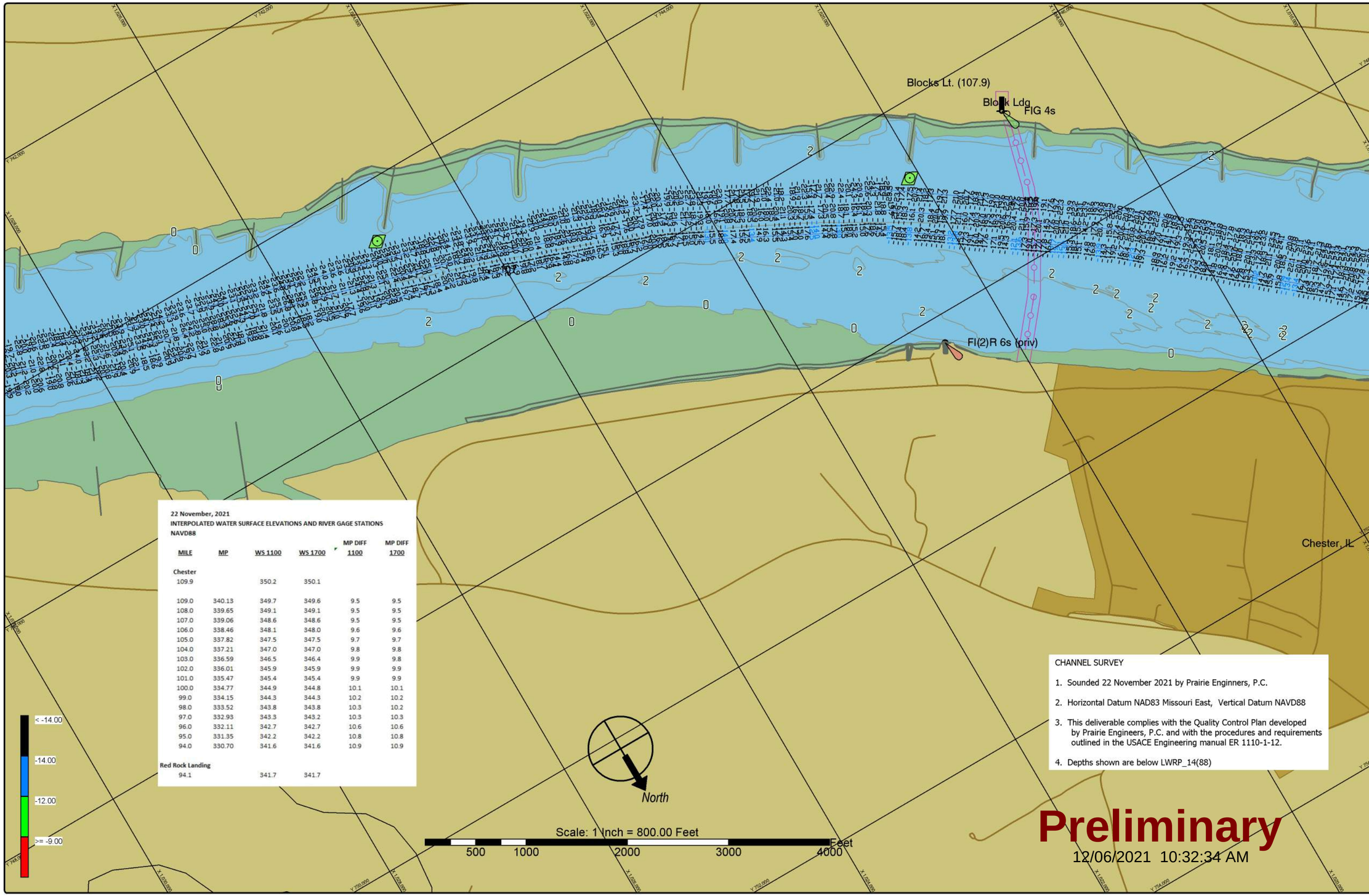
U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
PRAIRIE ENGINEERS, P.C.
404 N. MAIN STREET
COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

5 of 7

Sheet 5



22 November, 2021
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS
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MILE	MP	WS 1100	WS 1700	MP DIFF 1100	MP DIFF 1700
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ST. LOUIS DIST

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U.S. ARMY CORPS OF ENGINEERS
ST. LOUIS DISTRICT
ST. LOUIS, MISSOURI

SURVEYED BY
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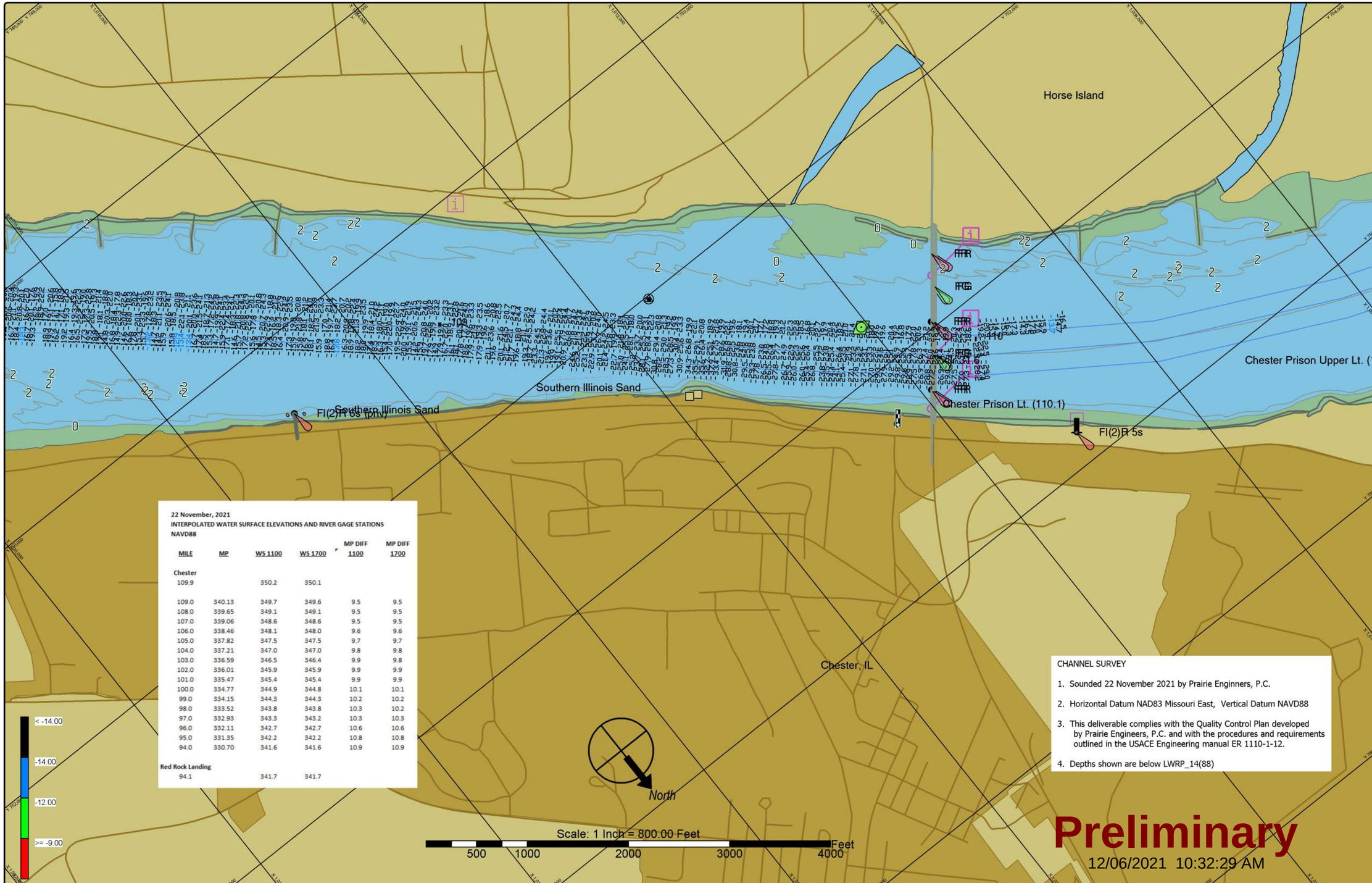
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094



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ST. LOUIS, MISSOURI

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MIDDLE MISSISSIPPI RIVER
CHANNEL PATROL
RIVER MILES 109 - 094

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Sheet 7