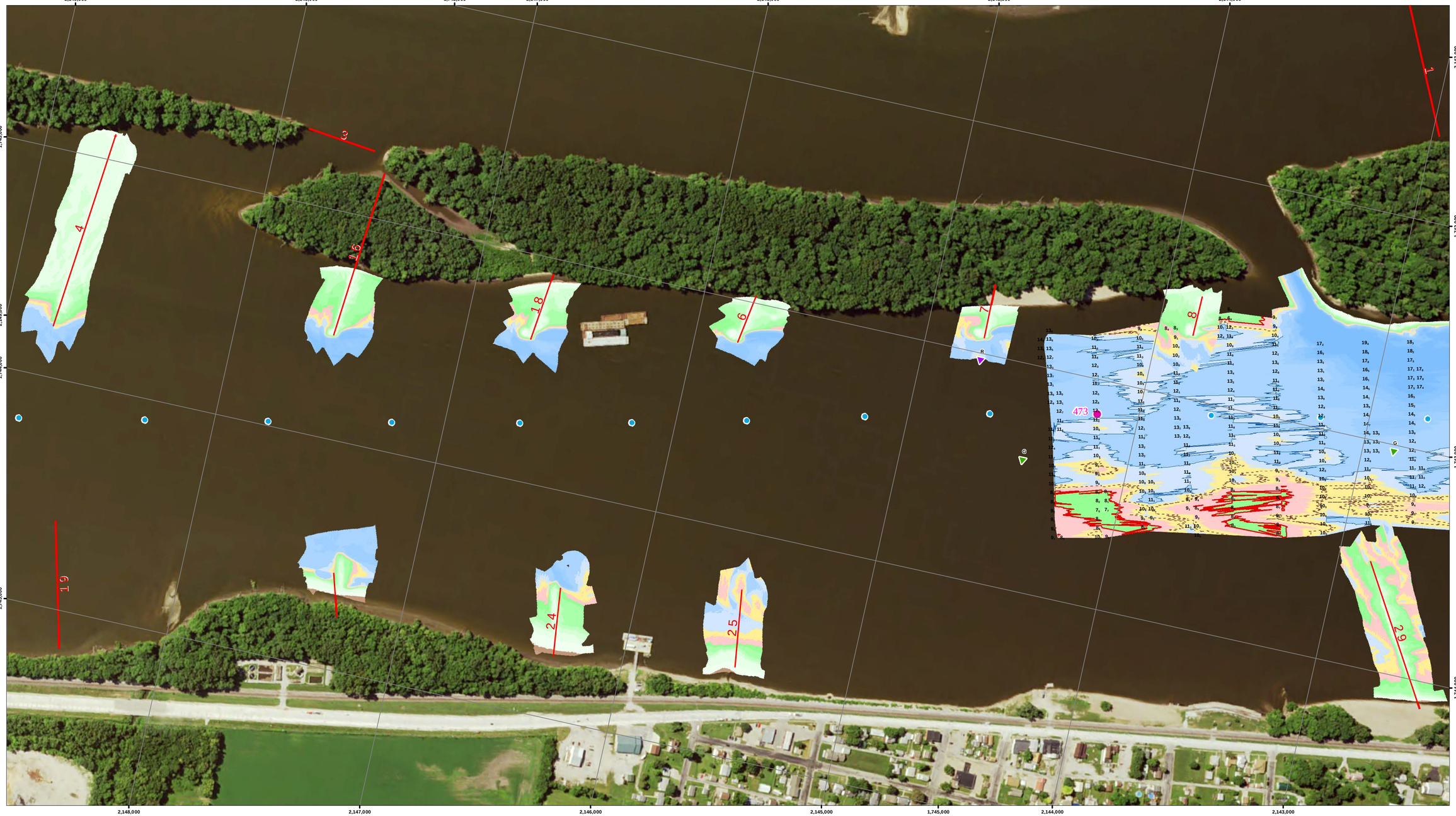
UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Points represent shallowest depth value derived from 49foot grid.
Map Document Grid is 1000' x 1000'.

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:	Date: 5/12/2016
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number
134 of 301

NOTES:

Survey Date: May 12, 2016

Conducted by: Kenny B, Steve G

Survey Vessel: MV Hinds

Flat Pool: 545

Water Surface: 549.1

Stage: +4.1

Upstream Gage: Linwood RM 475.5

Downstream Gage: Fairport RM 463.5

Processed in ArcGIS by: Dan M 5/12/2016

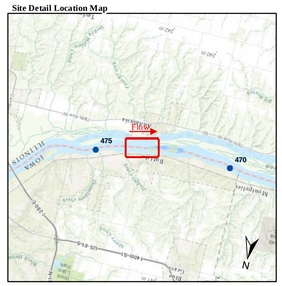
Document Name: UM_24_UMR_20160512_16_47184730_16A

Horizontal Projection: State Plane, NAD 1983
Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

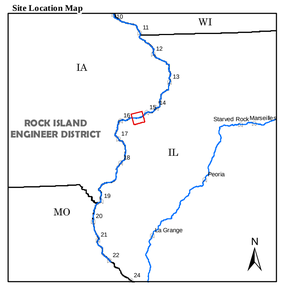
Imagery: 2015 USDA NAIP

The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.

Site Detail Location Map



Site Location Map



Depth (Ft)

-10', 0', 9', 10', 11', 20', 30', 50'

River Mile

- Mile
- Tenth

River Features

- Wing Dam Location

Lights

- Green
- Red
- White
- Yellow

Daybeacon

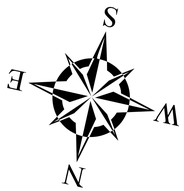
- NR: Rhombus, Red and White
- NG: Rhombus, Green and White
- SG: Square, Green
- TR: Triangle, Red

Lateral Buoys

- Green
- Red

Caution Areas

- Submerged Pipeline
- Submerged Pipe Area
- Submerged Cable
- Submerged Cable Area



US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T

WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 16
REACH: Buffalo Upper
REACH MILES: 472.7 to 473.9
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 471.8-473.0

UPSTREAM

DOWNSTREAM

BUFFALO TOWHEAD LT. (471.9)

US Army Corps of Engineers Rock Island District

Symbol	Description	Date	Approved
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U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 5/12/2016
File No.
I.S.O. Sheet File Name:
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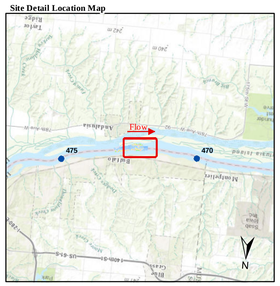
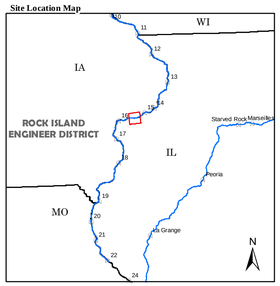


Site Location Map



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- Submerged Cable
- Submerged Cable Area

S W E N

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 16
REACH: Buffalo Lower
REACH MILES: 471.5 to 472.7
SURVEY TYPE: CONDITION

1 " = 200 '

0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 471.8-473.0