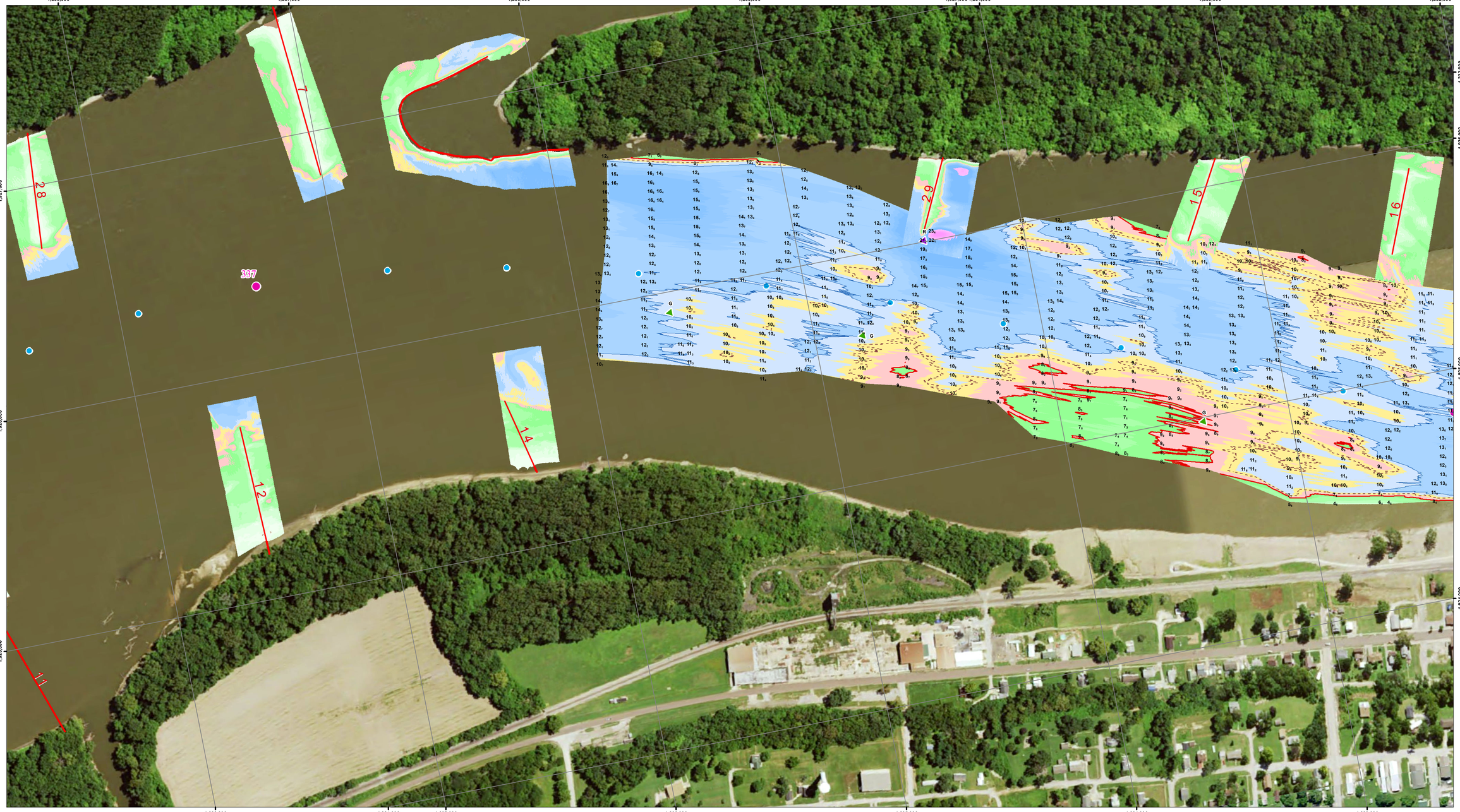
UPSTREAM



DOWNSTREAM

NOTES:

Survey Date: March 2, 2016

Conducted by: Cory B, Steve G, Matt M

Survey Vessel: Launch Coot

Flat Pool: 470

Water Surface: 475.5

Stage: +5.5

Upstream Gage: Lock 20 Tail RM 343.2

Downstream Gage: LaGrange RM 336.0

Processed in ArcGIS by: Bre Nesteby 3/7/2016

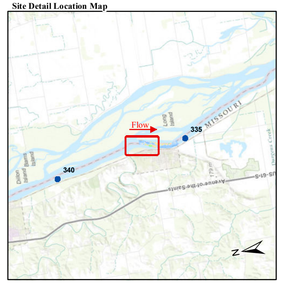
Document Name: UM_24_UMR_20160302_21_33533367_16A

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

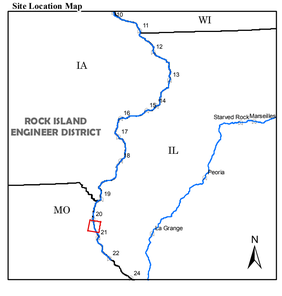
Imagery: 2014 USDA NAIP

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'
15'
20'
30'
50'

River Mile

- Mile
- Tenth

River Features

- Wing Dam Location

Lights

- Green
- Red
- White
- Yellow

Daybeacon

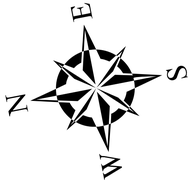
- NR: Rhombus, Red and White
- NG: Rhombus, Green and White
- SG: Square, Green
- TR: Triangle, Red

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: 21
REACH: LaGrange to Howards Crossing
REACH MILES: 336 to 337.2
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 335.3-336.7

US Army Corps of Engineers
Rock Island District

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

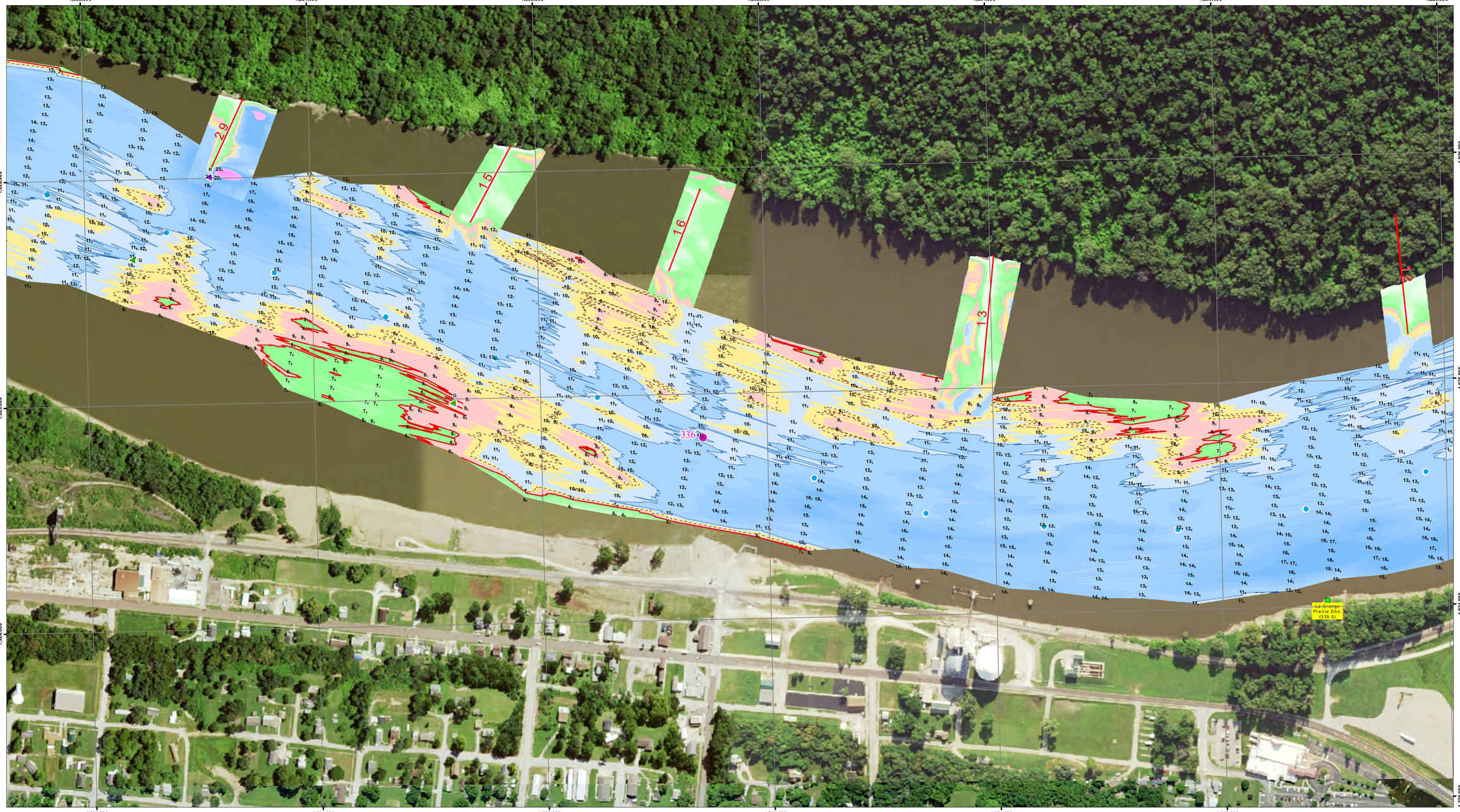
Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 3/7/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number 1 of 1

UPSTREAM



DOWNSTREAM

US Army Corps of Engineers
Rock Island District

Points represent shallowest depth value derived from 40 foot grid.
Map Document Grid is 1000' x 1000'.

Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 3/7/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number 1 of 1

NOTES:

Survey Date: March 2, 2016
Conducted by: Cory B, Steve G, Matt M

Survey Vessel: Launch Coot
Flat Pool: 470
Water Surface: 475.5
Stage: +5.5
Upstream Gage: Lock 20 Tail RM 343.2
Downstream Gage: LaGrange RM 336.0

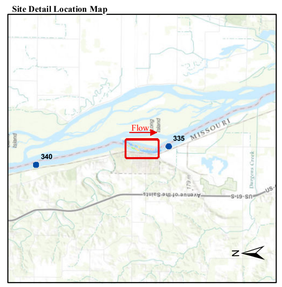
Processed in ArcGIS by: Bre Nesteby 3/7/2016
Document Name: UM_24_UMR_20160302_21_33533367_16A

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

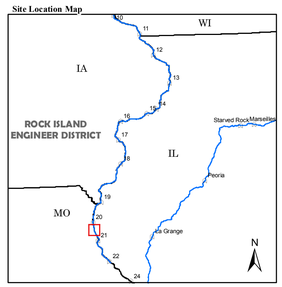
Imagery: 2014 USDA NAIP

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

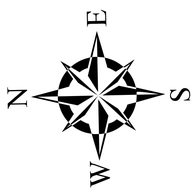
River Features
Wing Dam Location

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

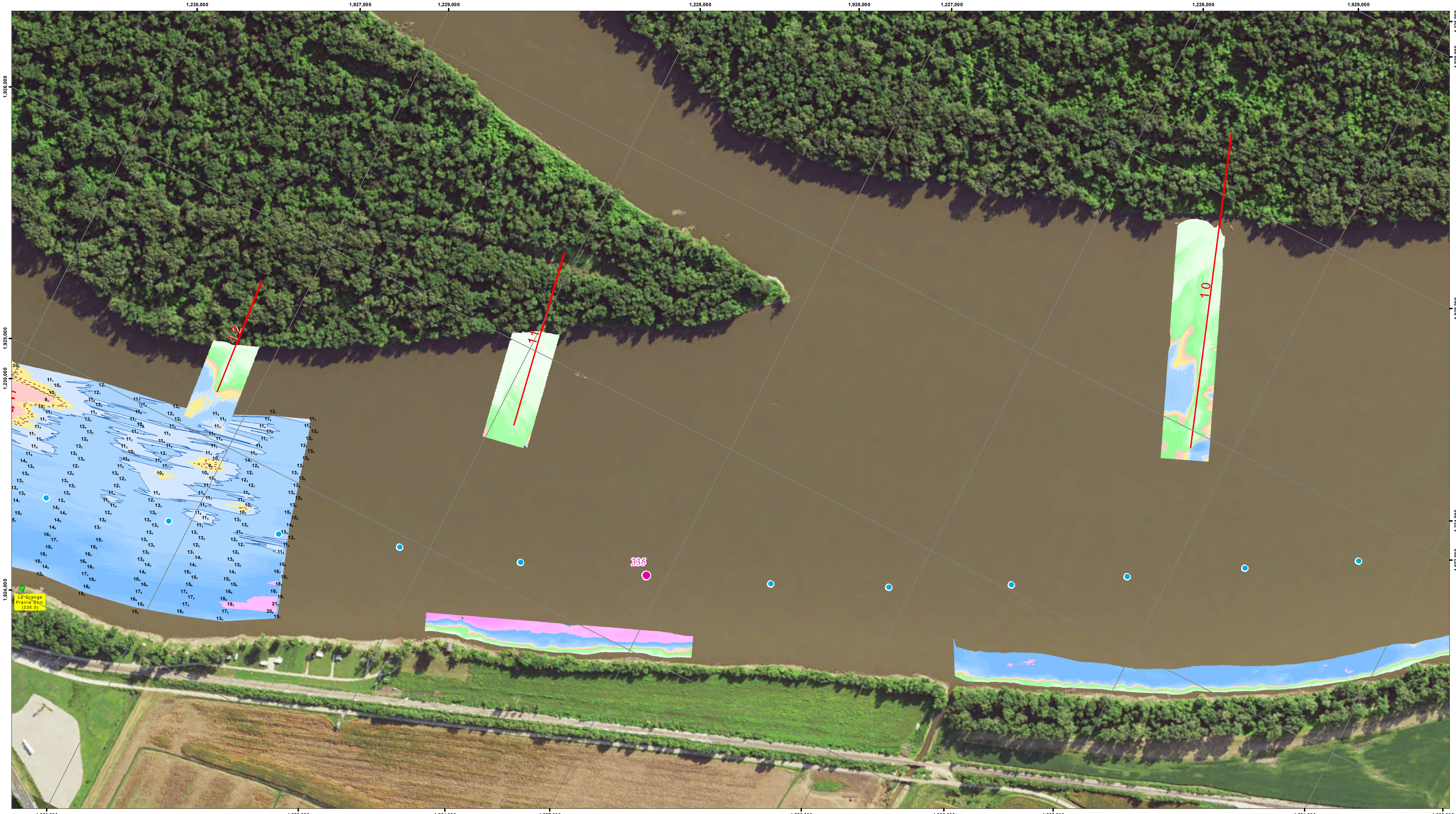


US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 21
REACH: LaGrange
REACH MILES: 335.4 to 336.6
SURVEY TYPE: CONDITION

1 " = 200 '
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 335.3-336.7

UPSTREAM



DOWNSTREAM

US Army Corps
of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 40 foot grid. Map Document Grid is 1000' x 1000'.		

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Drawn By:	Checked By:	Reviewed By:
	Date: 3/7/2016	File No.	I.S.O. Sheet File Name:	Solicitation Number:

Sheet Reference Number 1 of 1

NOTES:

Survey Date: March 2, 2016
Conducted by: Cory B, Steve G, Matt M

Survey Vessel: Launch Coot
Flat Pool: 470
Water Surface: 475.5
Stage: +5.5
Upstream Gage: Lock 20 Tail RM 343.2
Downstream Gage: LaGrange RM 336.0

Processed in ArcGIS by: Bre Nesteby 3/7/2016
Document Name: UM_24_UMR_20160302_21_33533367_16A

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

Imagery: 2014 USDA NAIP

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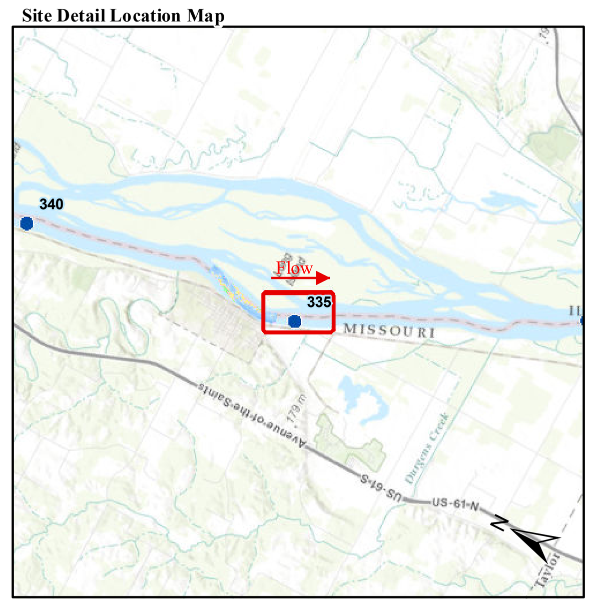
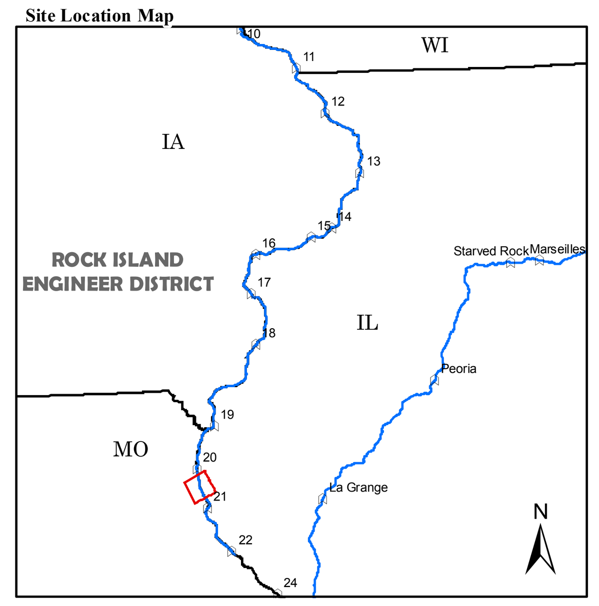
Site Detail Location Map



Site Location Map



Depth (Ft)
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10'
11'
20'
30'
50'

River Mile
Mile
Tenth

River Features
Wing Dam Location

Lights
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Daybeacon
NR: Rhombus, Red and White
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Red

Caution Areas
Submerged Pipeline
Submerged Pipe Area
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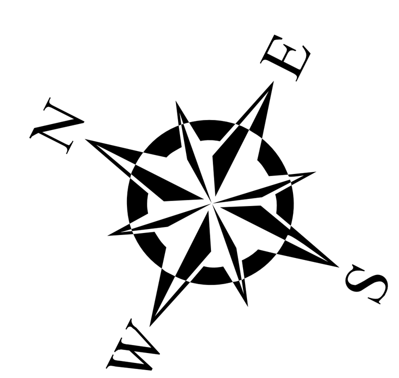
Submerged Cable Area



US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 21
REACH: Willow Island Upper to LaGrange
REACH MILES: 334.3 to 335.5
SURVEY TYPE: CONDITION

1 " = 200 '
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 335.3-336.7