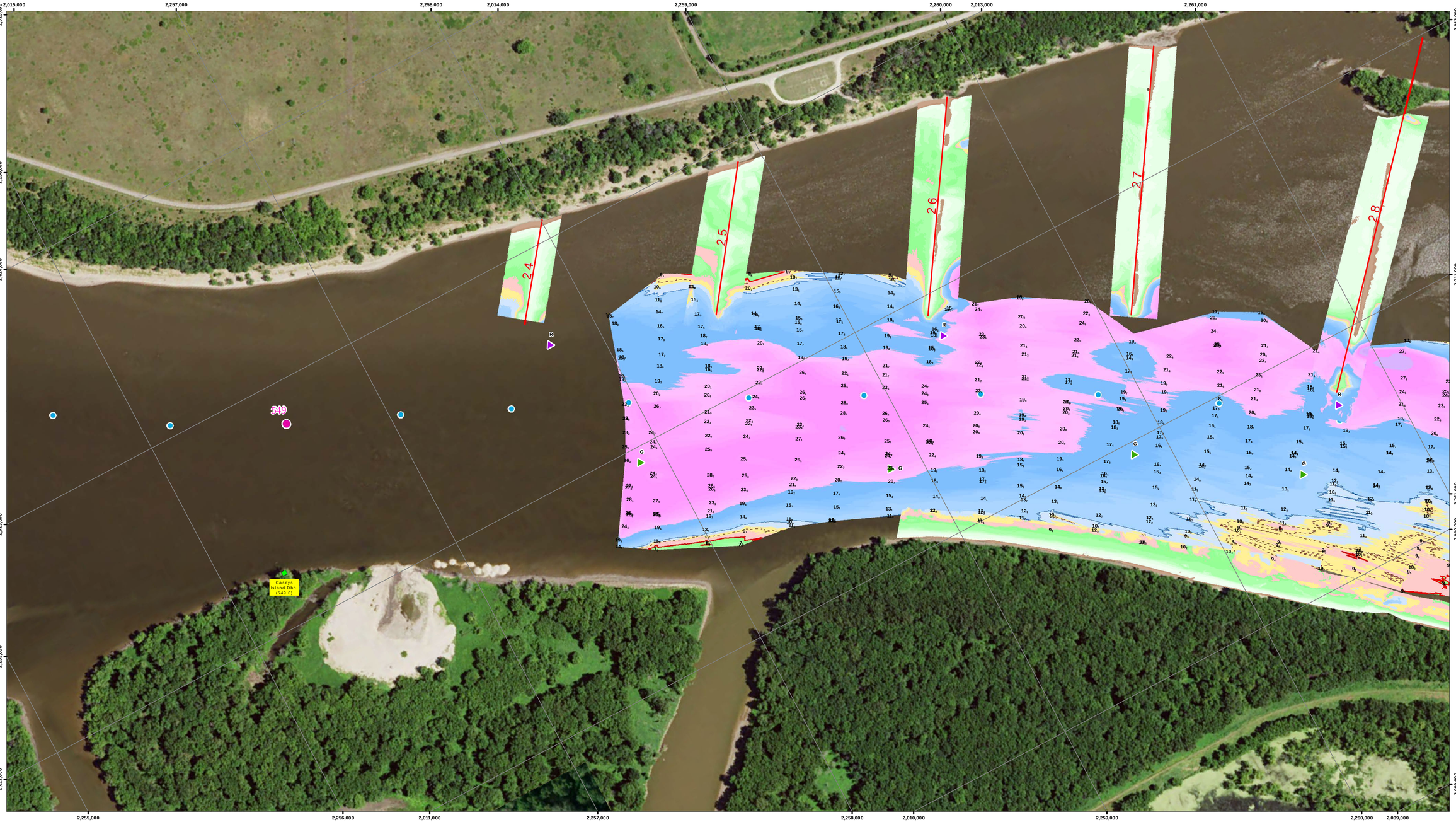
UPSTREAM

DOWNSTREAM



US Army Corps of Engineers Rock Island District

Approved	Date	Description	Symbol
		Points represent shallowest depth value derived from 60 foot grid. Map Document Grid is 1000' x 1000'.	

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS

Designed By:	Date: 5/6/2016
Drawn By:	File No.
Checked By:	LS.O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number 63 of 301

NOTES:

Survey Date: May 4, 2016

Conducted by: Kenny B., Cory B., Anton S., and Steve G.

Survey Vessel: MV HINDS

Flat Pool: 583

Water Surface: 588.9

Stage: +5.9

Upstream Gage: Lock 12 Tail RM 556.7

Downstream Gage: Sabula RR Brdge RM 535.0

Processed in ArcGIS by: Bre Nesteby 5/6/2016

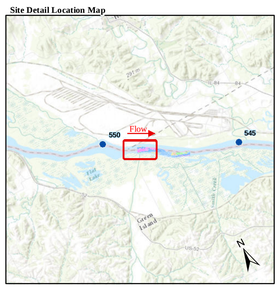
Document Name: UM_24_UMR_20160504_13_54705487_16A

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

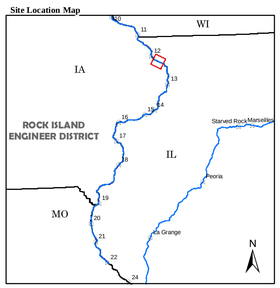
Imagery: 2015 USDA NAIP

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)

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

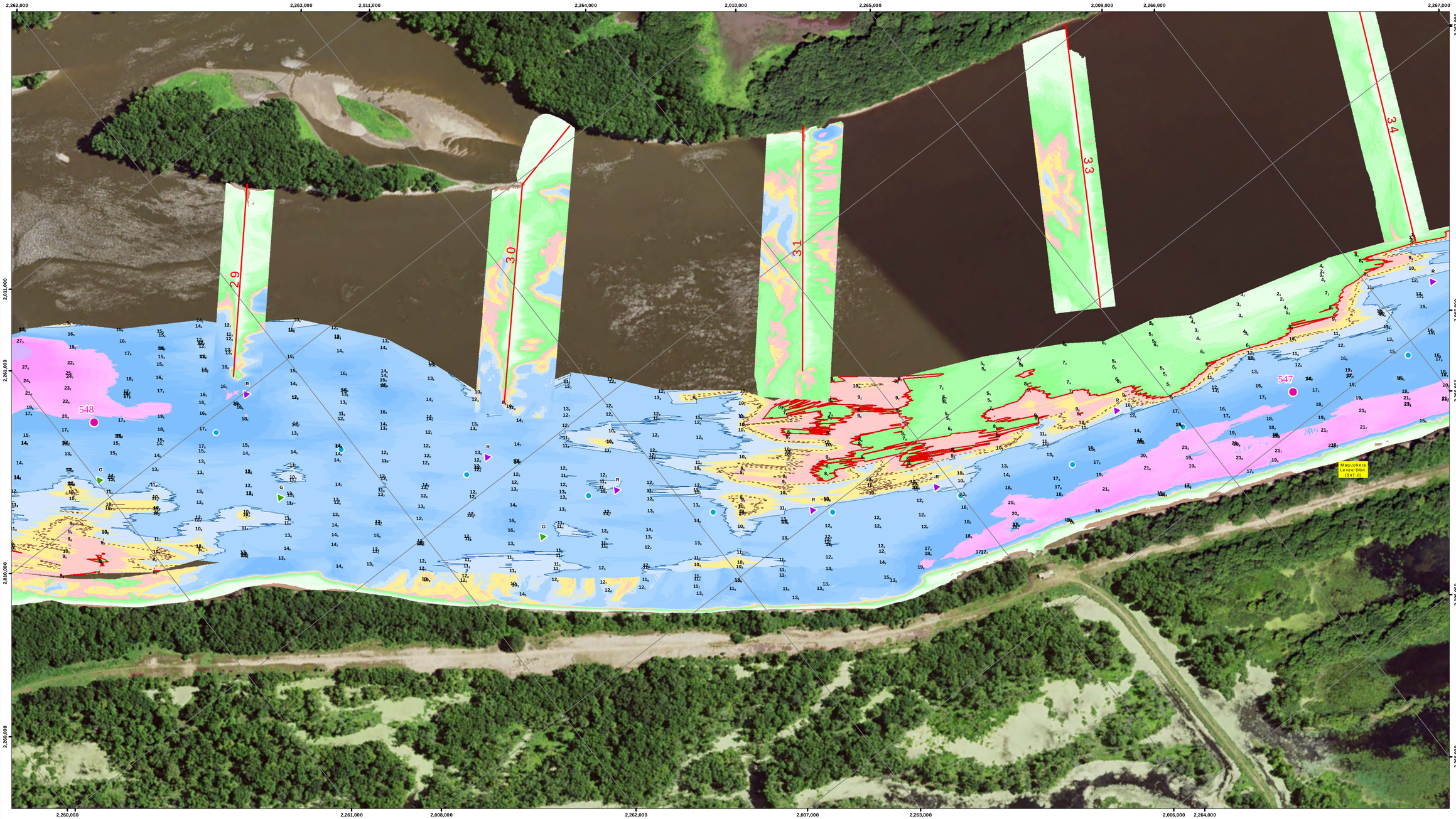
US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 13
REACH: Maquoketa River Upper
REACH MILES: 548 to 549.2
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 546.8-548.7

UPSTREAM



DOWNSTREAM

US Army Corps of Engineers
Rock Island District

Points represent shallowest depth value derived from 60 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: 5/6/2016
File No.
I.S.O. Sheet File Name:
Solicitation Number:

Sheet Reference Number
64 of 301

NOTES:

Survey Date: May 4, 2016

Conducted by: Kenny B., Cory B., Anton S., and Steve G.

Survey Vessel: MV HINDS

Flat Pool: 583

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Stage: +5.9

Upstream Gage: Lock 12 Tail RM 556.7

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Processed in ArcGIS by: Bre Nesteby 5/6/2016

Document Name: UM_24_UMR_20160504_13_54705487_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

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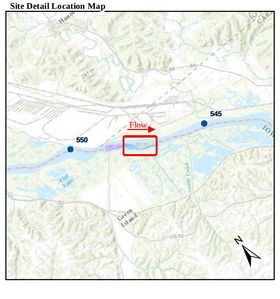
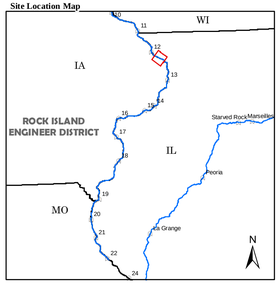
Site Detail Location Map



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
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- SG: Square, Green
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Lateral Buoys
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- 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: 13
REACH: Maquoketa River Lower to Maquoketa River Upper
REACH MILES: 546.9 to 548
SURVEY TYPE: CONDITION

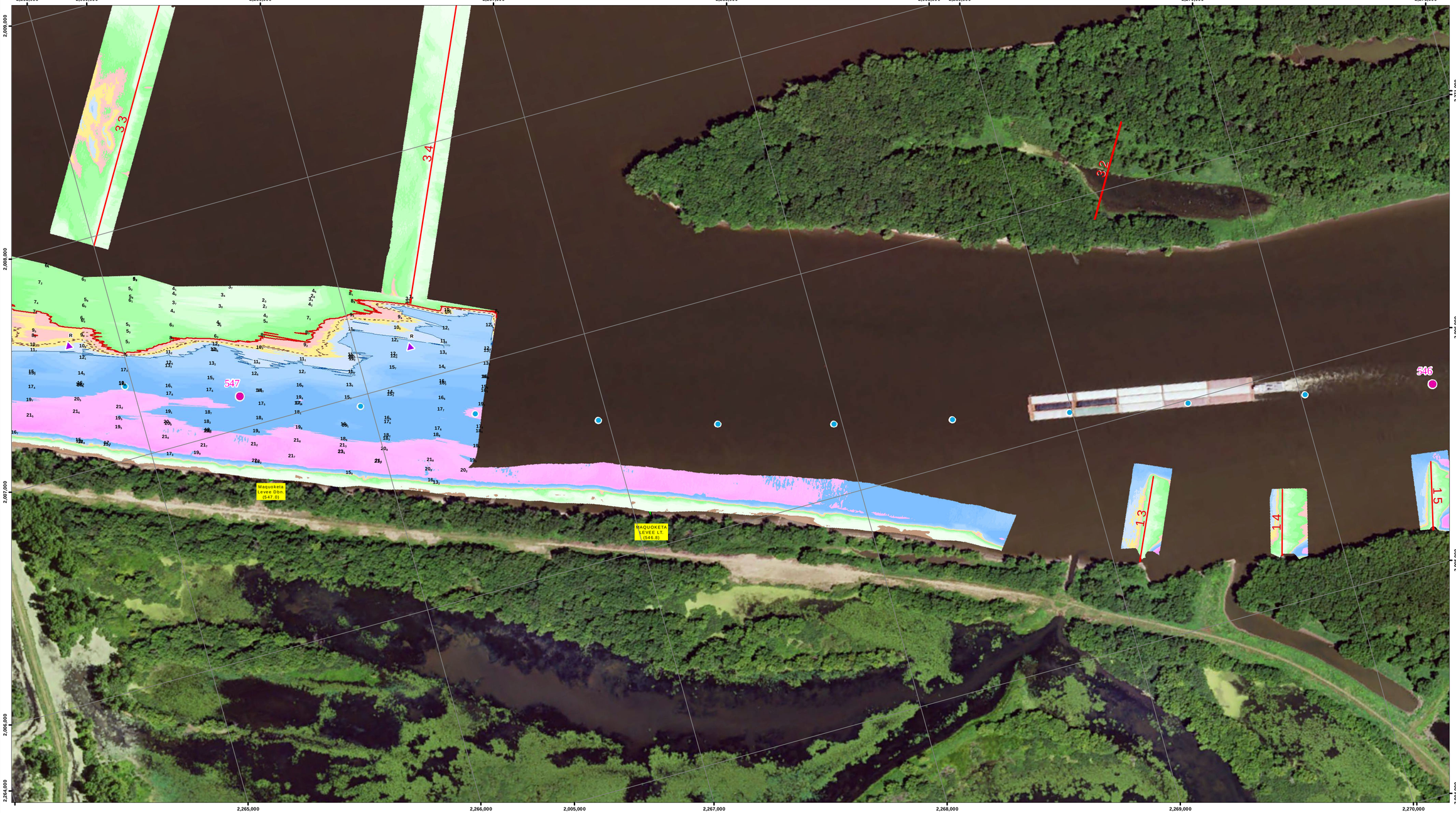
1 " = 200 '

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

SURVEYED RIVER MILES: 546.8-548.7

UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

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

Designed By:	Date: 5/6/2016
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

Sheet Reference Number 65 of 301

NOTES:

Survey Date: May 4, 2016

Conducted by: Kenny B., Cory B., Anton S., and Steve G.

Survey Vessel: MV HINDS

Flat Pool: 583

Water Surface: 588.9

Stage: +5.9

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Processed in ArcGIS by: Bre Nesteby 5/6/2016

Document Name: UM_24_UMR_20160504_13_54705487_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

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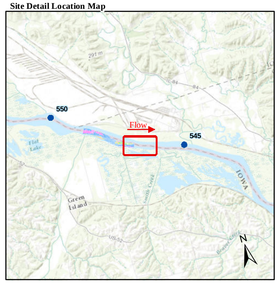
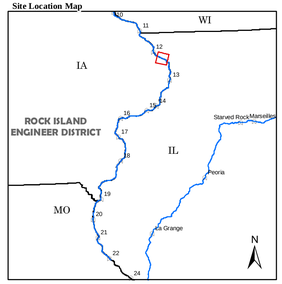
Site Detail Location Map



Site Location Map



Depth (Ft)

River Mile
- Mile
- Tenth

River Features
- Wing Dam Location

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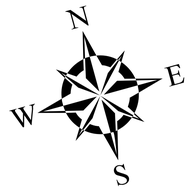

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 13
REACH: Maquoketa River Lower
REACH MILES: 546 to 547.2
SURVEY TYPE: CONDITION

1 " = 200 '

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

SURVEYED RIVER MILES: 546.8-548.7