UPSTREAM

DOWNSTREAM

1,507,000 1,506,000 1,505,000 1,504,000 1,503,000 1,502,000

2,042,000 2,041,000 2,040,000 2,039,000

GULF PORT, IL

RR Mile 220

BURLINGTON, IA

403

NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

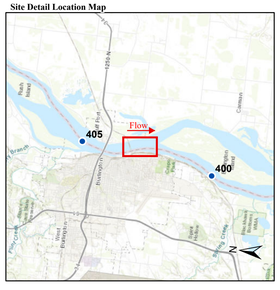
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Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

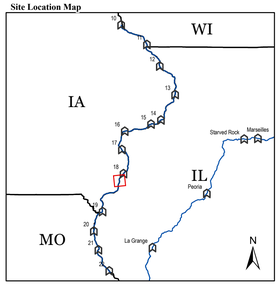
Imagery: Google

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: 19
REACH: Burlington Island Upper to Burlington
REACH MILES: 402.2 to 403.4
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

US Army Corps of Engineers
Rock Island District

Description	Date	Approved
Points represent shallowest depth value derived from 4ft box grid. Map Document Grid is 1000' x 1000'		
Symbol		

Designed By:	Date: 7/28/2025
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

1,501,000 1,500,000 1,499,000 2,042,000 1,498,000 1,497,000 1,496,000

2,042,000 2,041,000 2,040,000 1,502,000 2,039,000

Burlington Island Dbn. (402.2)

402

RR Mile 219

BURLINGTON, IA

2,039,000 1,502,000 1,501,000 1,500,000 1,499,000 1,498,000 1,497,000 1,496,000 2,038,000

NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

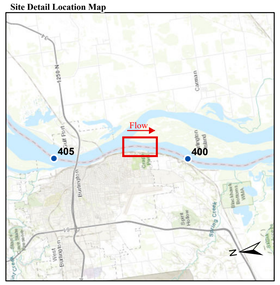
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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Vertical Datum: MSL 1912 U.S. Survey Feet.

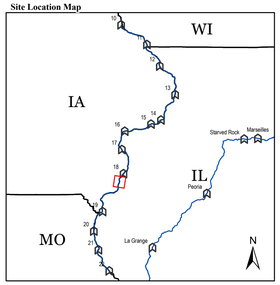
Imagery: Google

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'
12'
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: 19
REACH: Burlington Island
REACH MILES: 401.2 to 402.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

US Army Corps of Engineers
Rock Island District

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

Designed By:	Date: 7/28/2025
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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UPSTREAM

DOWNSTREAM

1,495,000 2,041,000 1,494,000 1,493,000 2,040,000 1,492,000 1,491,000 1,490,000 2,039,000

2,041,000 1,496,000 1,490,000 2,038,000 2,040,000 2,037,000

2,039,000 2,036,000 1,497,000

11 9 10

401

RR Mile 218

1,497,000 2,038,000 1,496,000 1,495,000 2,037,000 1,494,000 1,493,000 1,492,000 2,036,000

NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

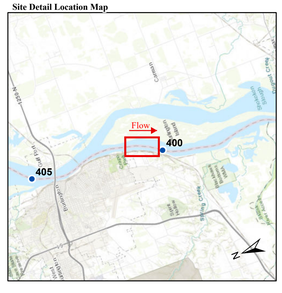
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

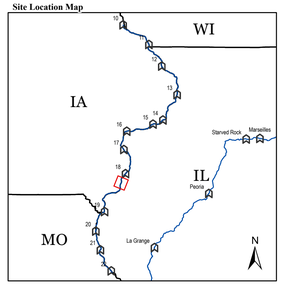
Imagery: Google

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

N E S W

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 19
REACH: Burlington Island Lower
REACH MILES: 400.1 to 403.1
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 4ft bot grid. Map Document Grid is 1000' x 1000'		

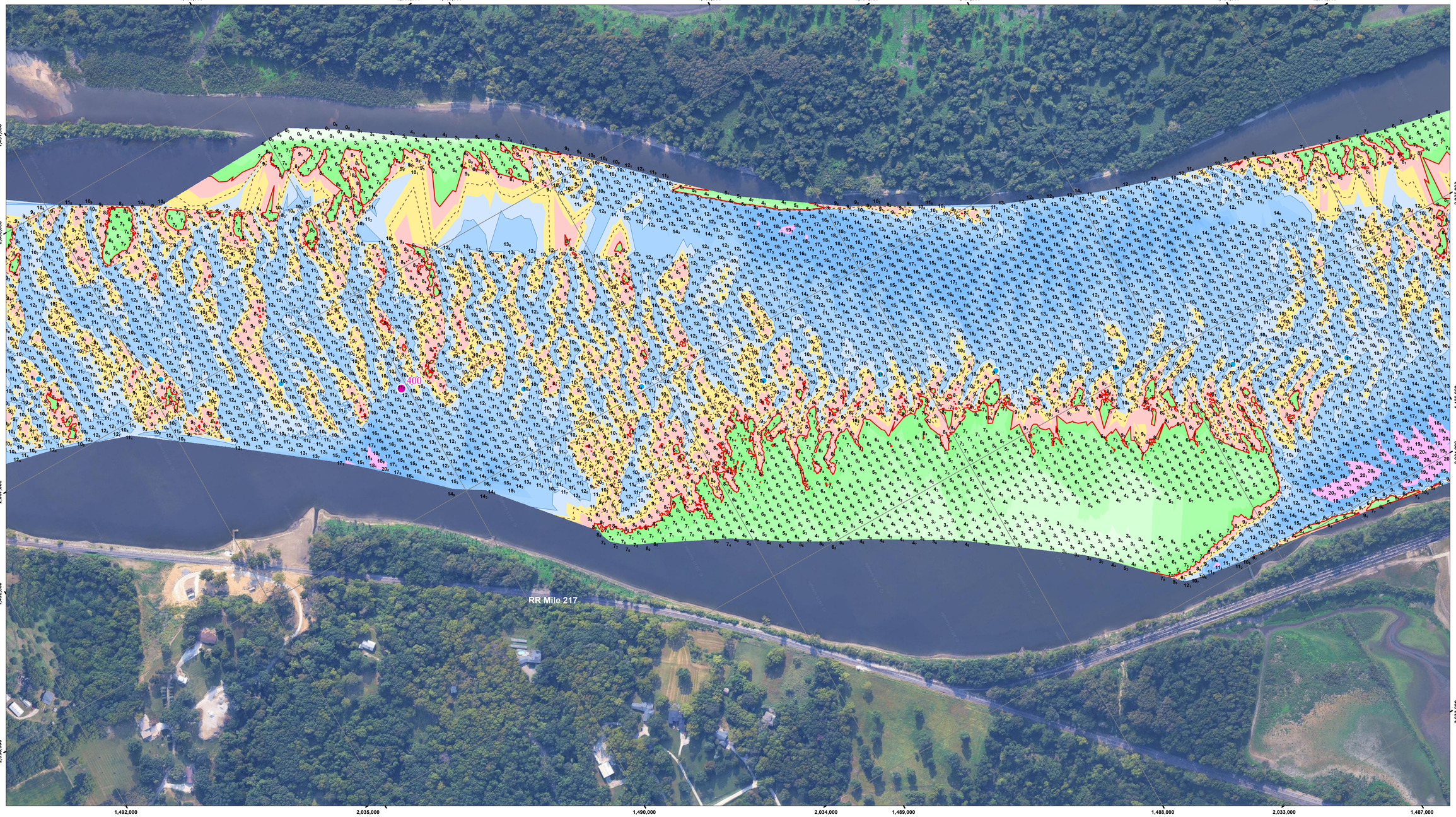
Designed By:	Date: 7/28/2025
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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UPSTREAM

DOWNSTREAM



NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

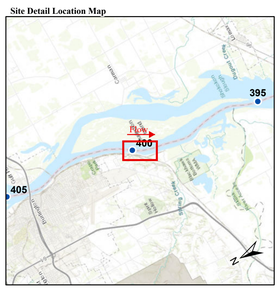
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

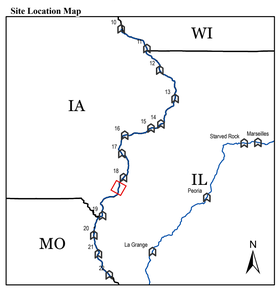
Imagery: Google

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.

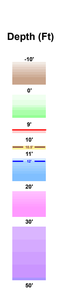
Site Detail Location Map



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: 19
REACH: Craigel Island
REACH MILES: 399.1 to 400.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

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'

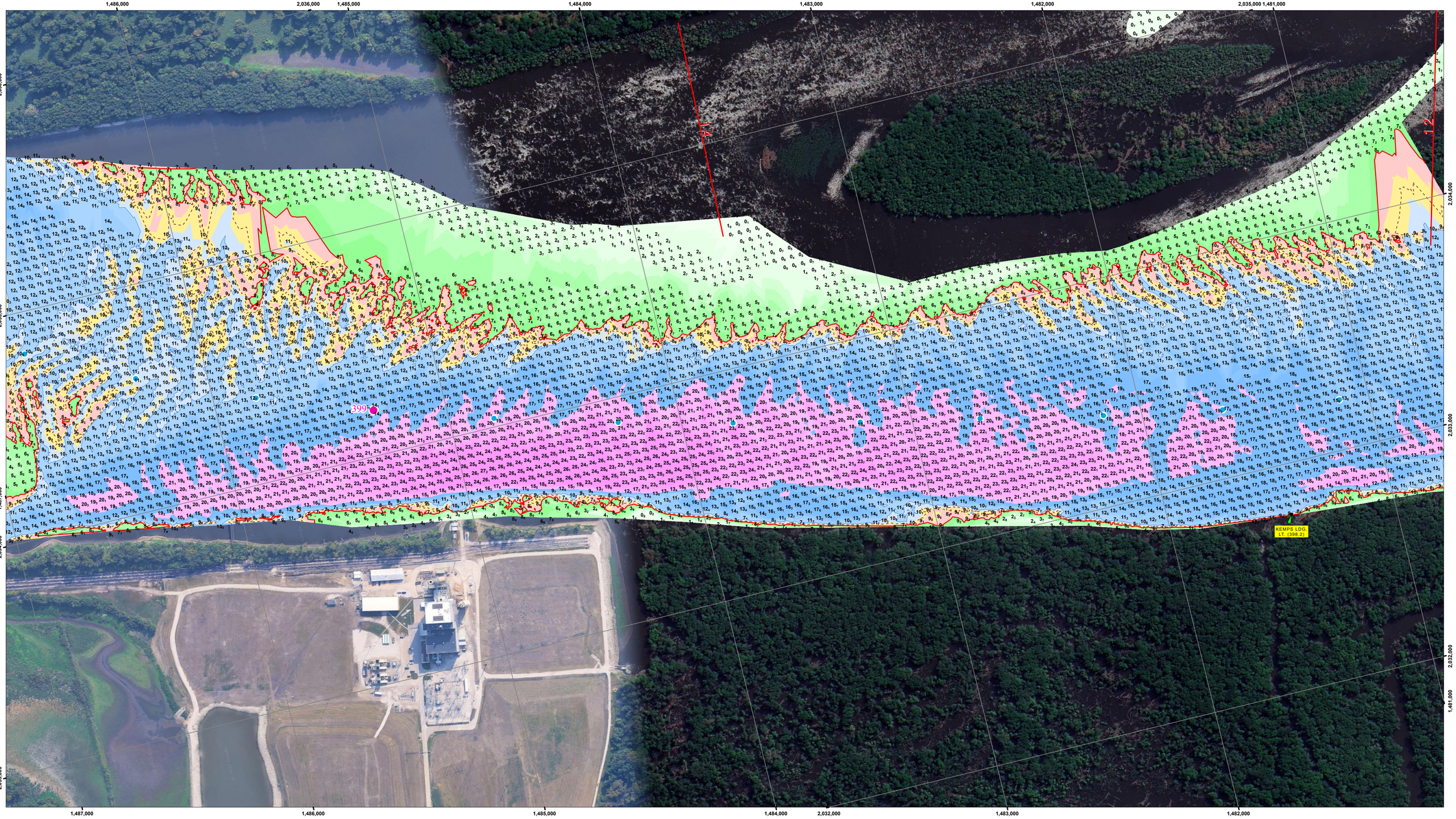
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File No.	Drawn By:
I.S.O. Sheet File Name:	Checked By:
Solicitation Number:	Reviewed By:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM



NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

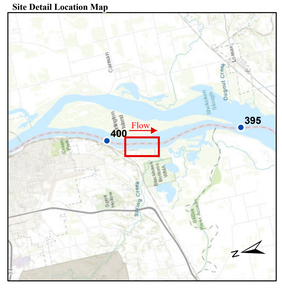
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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Vertical Datum: MSL 1912 U.S. Survey Feet.

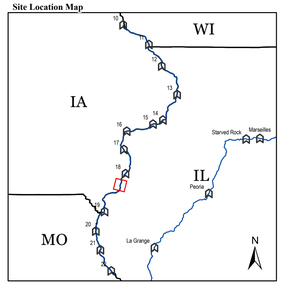
Imagery: Google

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

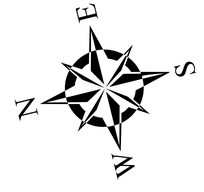
River Features
- Wing Dam Location

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: 19
REACH: Kemp's Landing Light to Craigel Island
REACH MILES: 398.1 to 399.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

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'		

Designed By:
Drawn By:
Checked By:
Reviewed By:
Date: 7/28/2025
File No.
I.S.O. Sheet File Name:
Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

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UPSTREAM

DOWNSTREAM

1,482,000 1,481,000 1,480,000 1,479,000 2,036,000 1,478,000 1,477,000 1,476,000

2,035,000 1,482,000 2,034,000 2,033,000 2,032,000

1,481,000 2,032,000 1,480,000 1,479,000 1,478,000 1,477,000 1,476,000 2,033,000

2,036,000 2,035,000 2,034,000

Willow Bar

Beaver Island

12

398

KEMPS LDG. LT. (398.2)

C1

NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

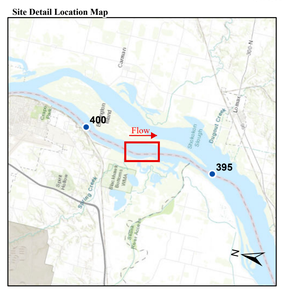
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

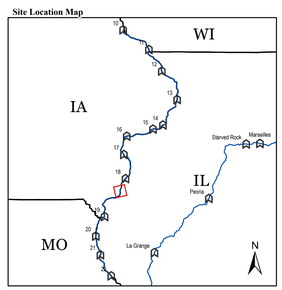
Imagery: Google

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

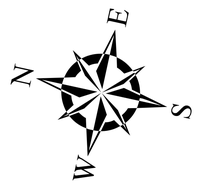
River Features
- Wing Dam Location

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: 19
REACH: Willow Bar Island
REACH MILES: 397.1 to 398.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

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'		

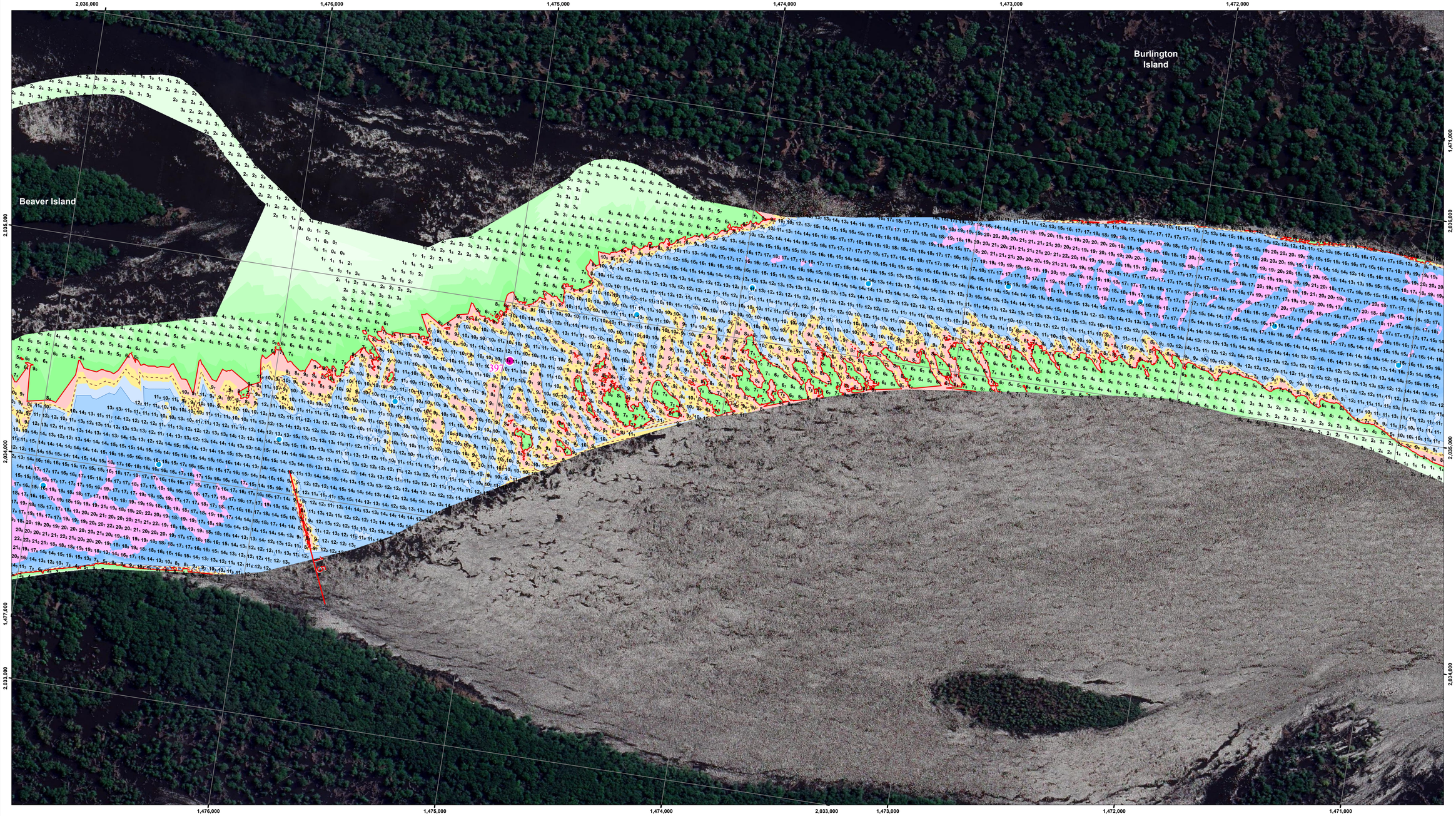
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Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Approved	Date	Description	Symbol
		Points represent shallowest depth value derived from 4ft loc grid. Map Document Grid is 1000' x 1000'	

Designed By:	Date: 7/28/2025
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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NOTES:

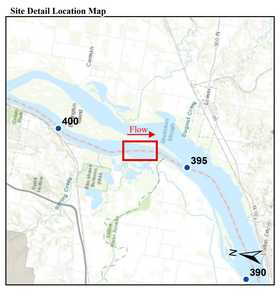
Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

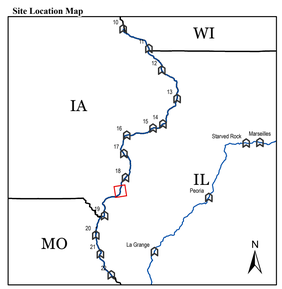
Imagery: Google

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

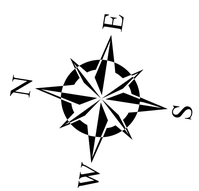
River Features
- Wing Dam Location

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



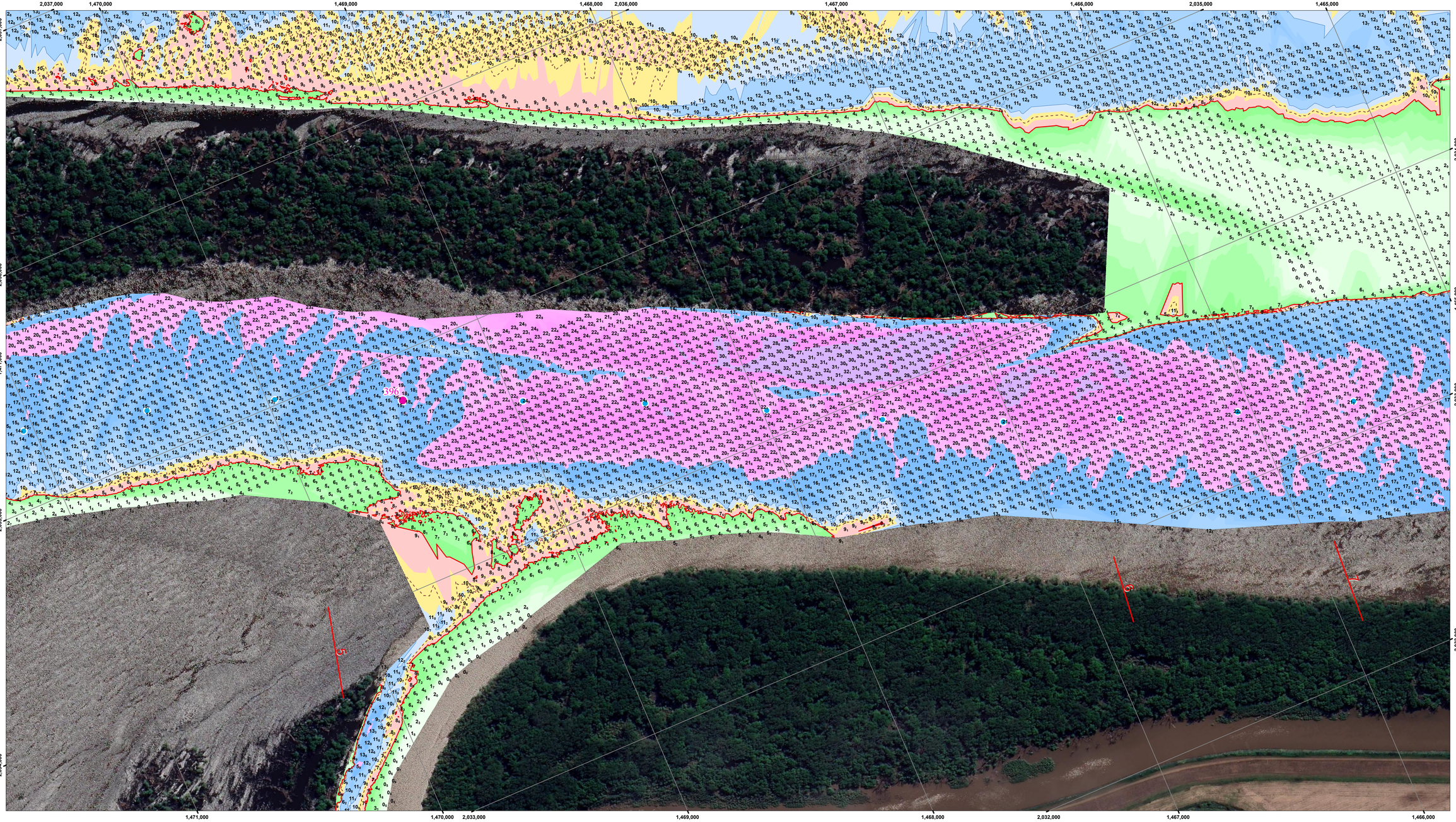
US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 19
REACH: Burlington Island Light
REACH MILES: 396.3 to 397.4
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

UPSTREAM

DOWNSTREAM



NOTES:

Survey Date: July 17, 2025
Conducted by: Wyatt K, Hunter C
Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
Upstream Gage: Burlington RR Bridge RM 403.1
Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

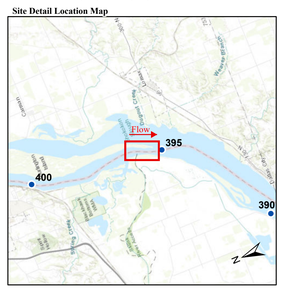
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Document Name: UM_19_MVR_20250717_OT_39404031_25A

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Vertical Datum: MSL 1912 U.S. Survey Feet.

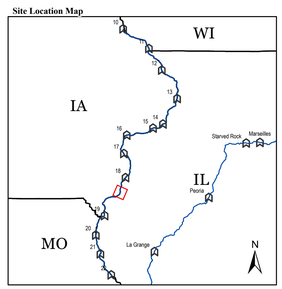
Imagery: Google

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'
5'
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: 19
REACH: Skunk River
REACH MILES: 395.1 to 396.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved

Points represent shallowest depth value derived from 4ft box grid.
Map Document Grid is 1000' x 1000'

Designed By:	Date: 7/28/2025
Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM

2,035,000 1,465,000 1,464,000 1,463,000 1,462,000 2,034,000 1,461,000 1,460,000

2,035,000 2,034,000 1,466,000 2,033,000 2,032,000 1,460,000 2,031,000 2,030,000

1,466,000 1,465,000 2,031,000 1,464,000 1,463,000 1,462,000 1,461,000 2,030,000

395 390 7 8 9 10

NOTES:

Survey Date: July 17, 2025
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Survey Vessel: SV Clark
Flat Pool: 518.2
Water Surface: 524.71
Stage: +6.51
Water Surface Source: GAGE
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Downstream Gage: Ft Madison RR Bridge RM 383.9
RTK to Pool Datum: NA

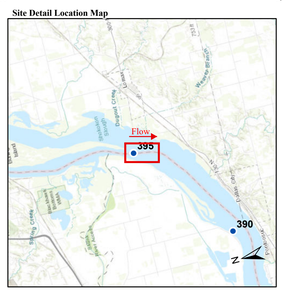
Processed in ArcGIS by: Morgan A 7/28/2025
Document Name: UM_19_MVR_20250717_OT_39404031_25A

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

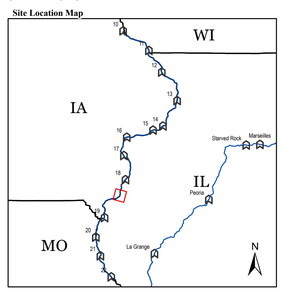
Imagery: Google

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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
- 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

E S W N

US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 19
REACH: Shokokon Lighted Buoy to Turkey Island
REACH MILES: 394.1 to 395.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1

US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 4ft cell grid. Map Document Grid is 1000' x 1000'		

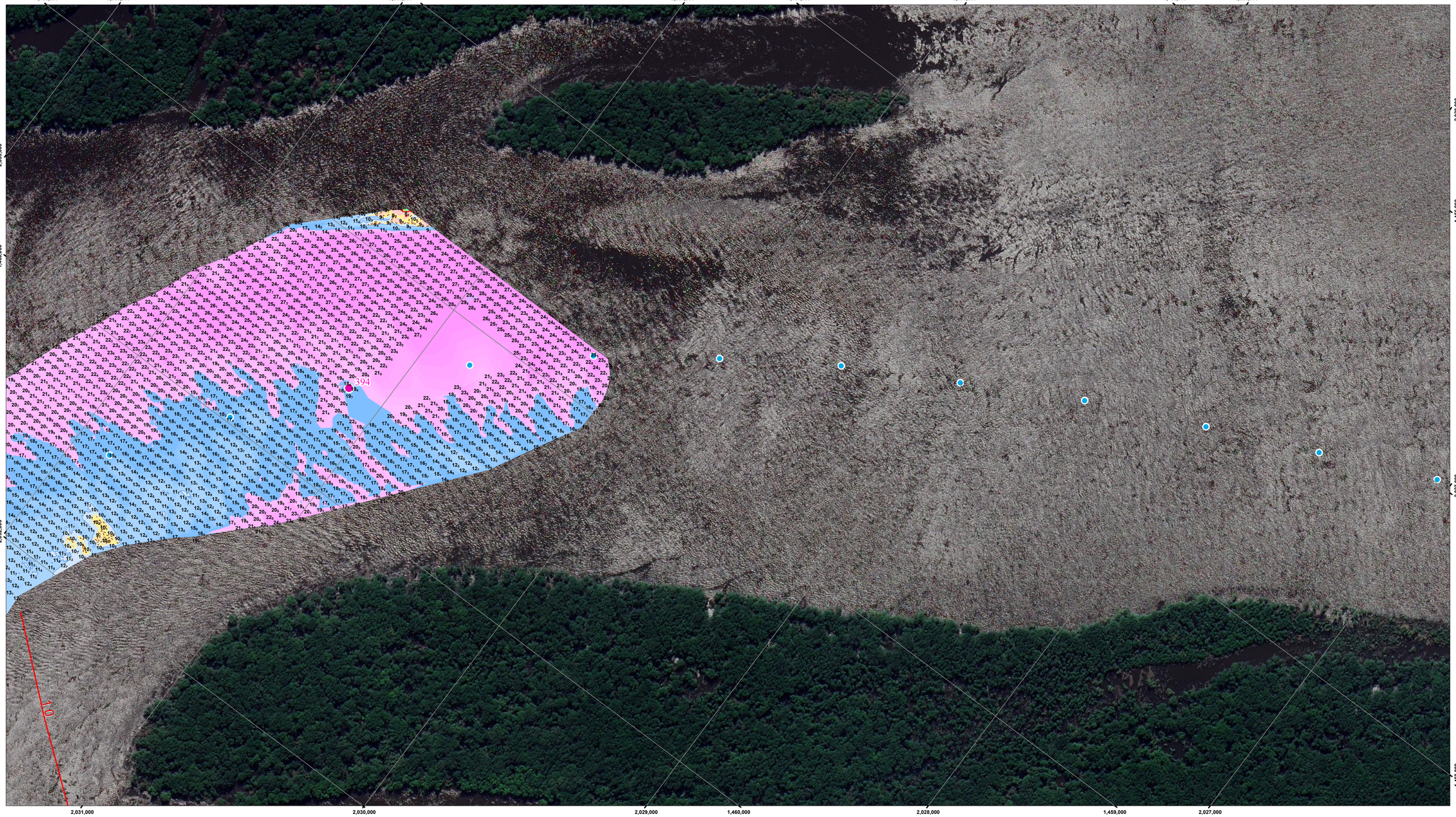
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Drawn By:	File No.
Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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UPSTREAM

DOWNSTREAM



US Army Corps of Engineers
Rock Island District

Symbol	Description	Date	Approved
	Points represent shallowest depth value derived from 4ft pixel grid. Map Document Grid is 1000' x 1000'		

Designed By:	Date: 7/28/2025
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Checked By:	I.S.O. Sheet File Name:
Reviewed By:	Solicitation Number:

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS

Sheet Reference Number
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NOTES:

Survey Date: July 17, 2025
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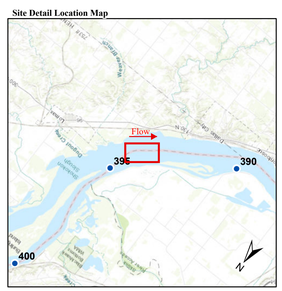
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Horizontal Projection: State Plane, NAD 1983 Illinois West - 1202, U.S. Survey Feet
Vertical Datum: MSL 1912 U.S. Survey Feet.

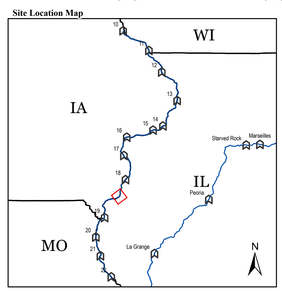
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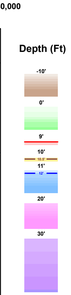
Site Detail Location Map



Site Location Map



Depth (Ft)



River Mile
- Mile
- Tenth

River Features
- Wing Dam Location

Lights
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- Submerged Cable
- Submerged Cable Area



US ARMY CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CEMVR - OD-T
WATERWAY: UPPER MISSISSIPPI RIVER
POOL: 19
REACH: Grape Island Upper
REACH MILES: 393.2 to 394.3
SURVEY TYPE: CONDITION
COLLECTION TYPE: Multibeam

1 inch = 200 feet
0 100 200 400 600 800 1,000 1,200 Feet

SURVEYED RIVER MILES: 394.0-403.1