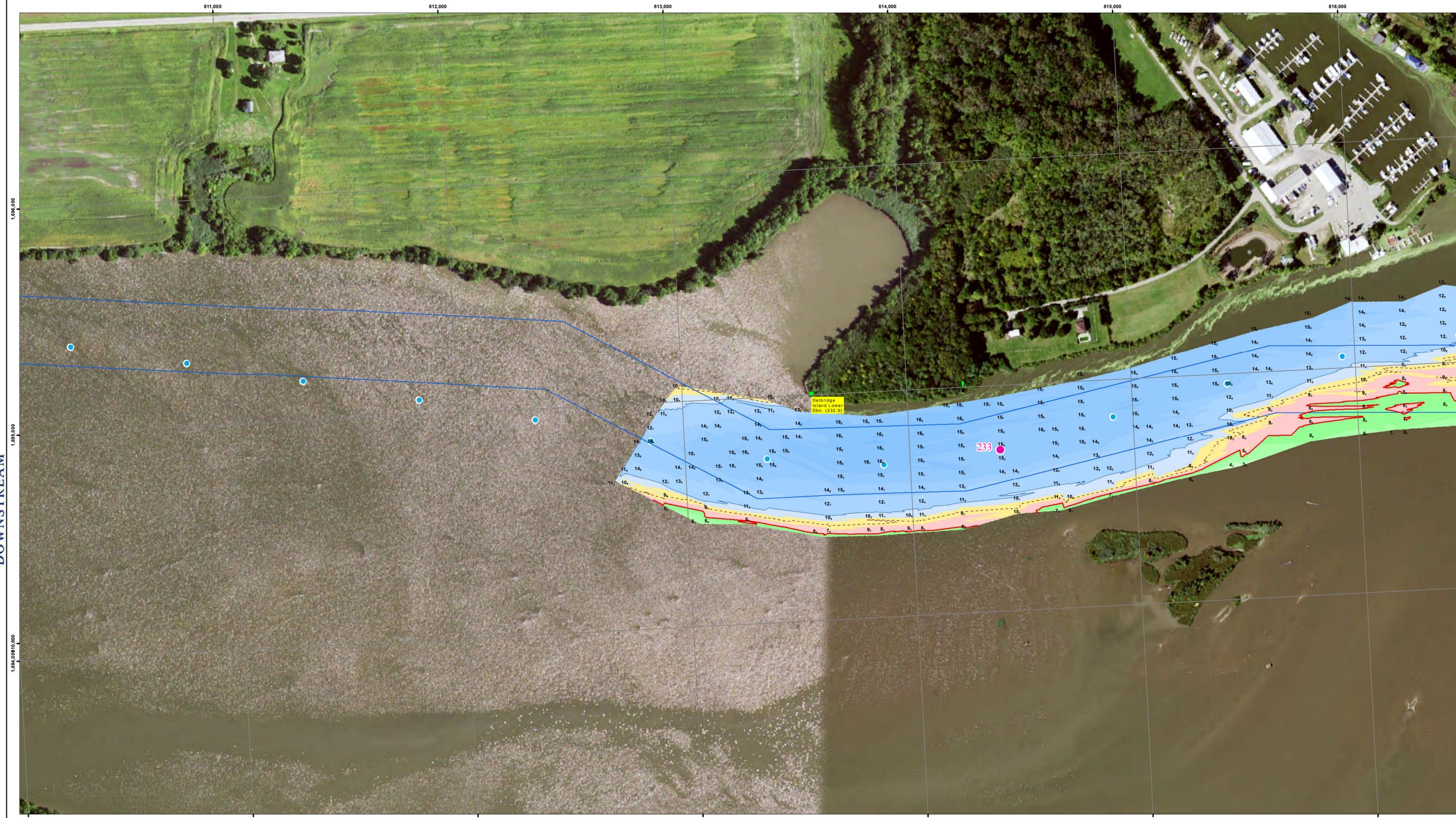




Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By: Drawn By: Checked By: Reviewed By:	Date: 7/28/2016 File No. U.S.O. Sheet File Name: Specification Number:
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Sheet Reference Number  
1 of 1



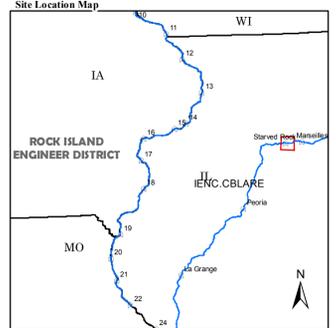
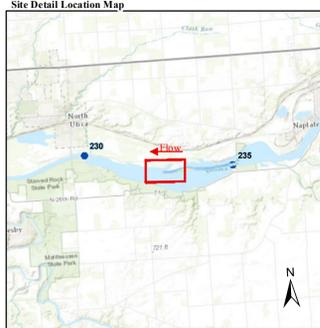
DOWNSTREAM

UPSTREAM

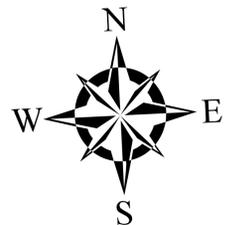
**NOTES:**  
 Survey Date: July 20, 2016  
 Conducted by: Steve G., Lee S  
  
 Survey Vessel: Launch Coot  
 Flat Pool: 458.5'  
 Water Surface: 459.7  
 Stage: +1.2  
 Downstream Gage: Starved Rock Upper RM 231.1  
 Upstream Gage: Ottawa RM 239.8

Horizontal Projection: State Plane, NAD 1983  
 Illinois East - 1202, U.S. Survey Feet  
 Vertical Datum: NGVD 1929 U.S. Survey Feet.  
 Imagery: 2015 USDA NAIP

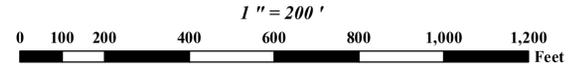
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.



- Depth (Ft)**
  - 10'
  - 0'
  - 1'
  - 2'
  - 3'
  - 4'
  - 5'
  - 6'
  - 7'
  - 8'
  - 9'
  - 10'
  - 11'
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  - 40'
  - 41'
  - 42'
  - 43'
  - 44'
  - 45'
  - 46'
  - 47'
  - 48'
  - 49'
  - 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: Illinois Waterway  
 POOL: Starved Rock  
 REACH: Lower Delbridge Island  
 REACH MILES: 232.2 to 233.3  
 SURVEY TYPE: Condition



**SURVEYED RIVER MILES: 232.7-235.2**

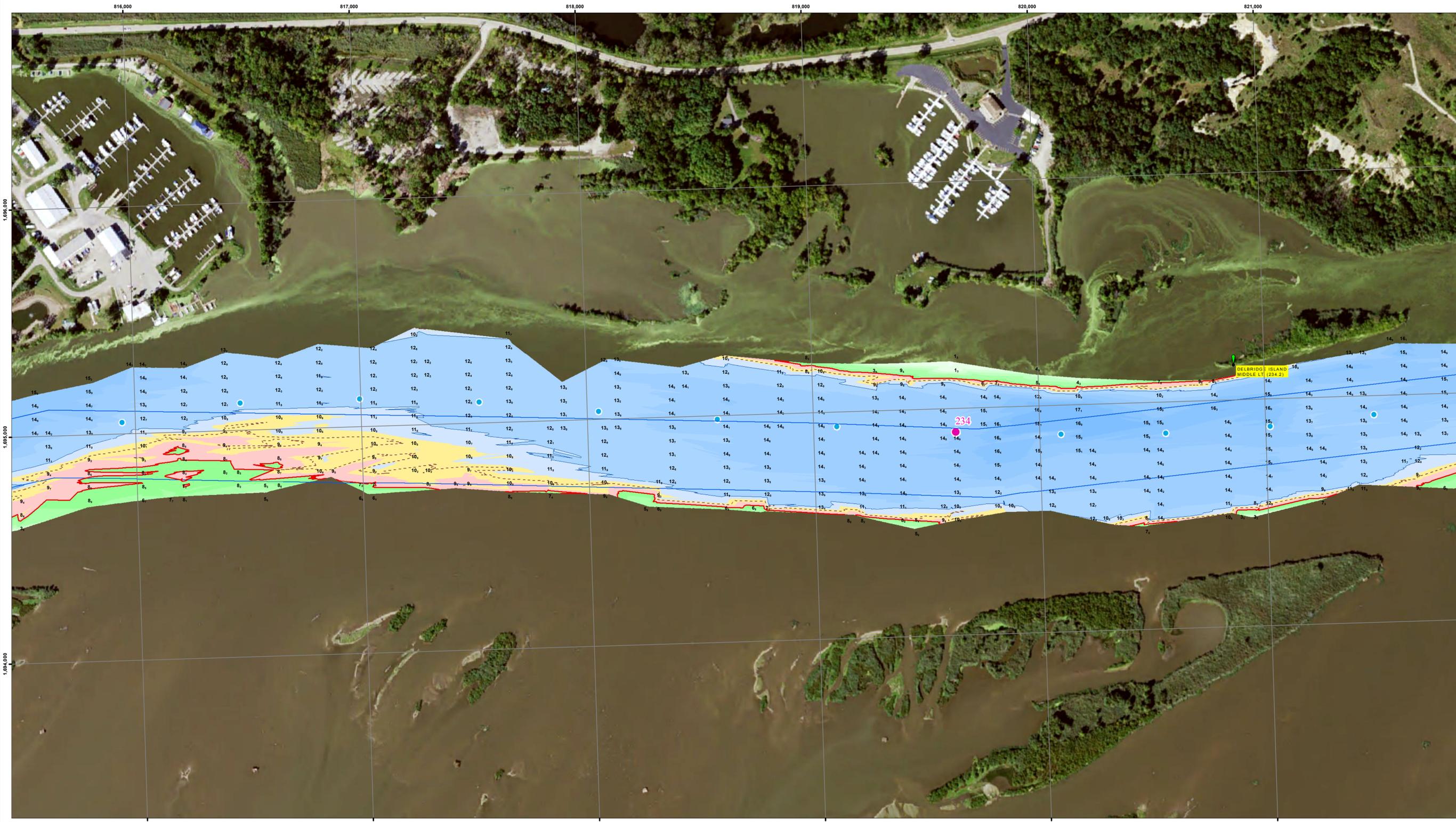
Processed in ArcGIS by: Dan M 7/28/2016  
 Document Name: IE\_24\_IWW\_20160720\_SR\_23272352\_16A



Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 7/28/2016
	Drawn By:	File No.
	Checked By:	I.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

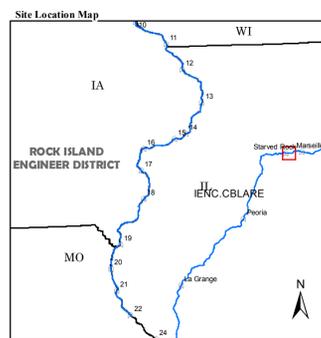
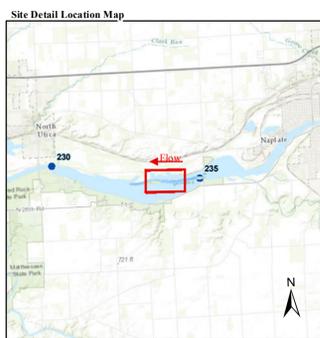
Sheet  
Reference  
Number  
1 of 1



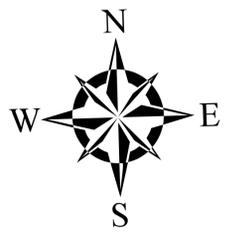
**NOTES:**  
 Survey Date: July 20, 2016  
 Conducted by: Steve G., Lee S  
  
 Survey Vessel: Launch Coot  
 Flat Pool: 458.5'  
 Water Surface: 459.7  
 Stage: +1.2  
 Downstream Gage: Starved Rock Upper RM 231.1  
 Upstream Gage: Ottawa RM 239.8

Horizontal Projection: State Plane, NAD 1983  
 Illinois East - 1202, U.S. Survey Feet  
 Vertical Datum: NGVD 1929 U.S. Survey Feet  
 Imagery: 2015 USDA NAIP

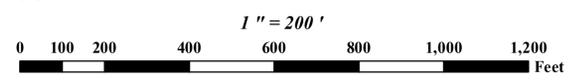
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- Depth (Ft)**
  - 10'
  - 11'
  - 12'
  - 13'
  - 14'
  - 15'
  - 20'
  - 30'
  - 50'
- River Mile**
  - Mile
  - Tenth
- River Features**
  - Wing Dam Location
- Lights**
  - Green
  - Red
  - White
  - Yellow
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  - NR: Rhombus, Red and White
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  - SG: Square, Green
  - TR: Triangle, Red
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  - Green
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- Caution Areas**
  - Submerged Pipeline
  - Submerged Pipe Area
  - Submerged Cable
  - Submerged Cable Area



US ARMY CORPS OF ENGINEERS  
 ROCK ISLAND DISTRICT  
 CEMVR - OD-T  
 WATERWAY: Illinois Waterway  
 POOL: Starved Rock  
 REACH: Delbridge Island  
 REACH MILES: 233.2 to 234.4  
 SURVEY TYPE: Condition



SURVEYED RIVER MILES: 232.7-235.2

DOWNSTREAM

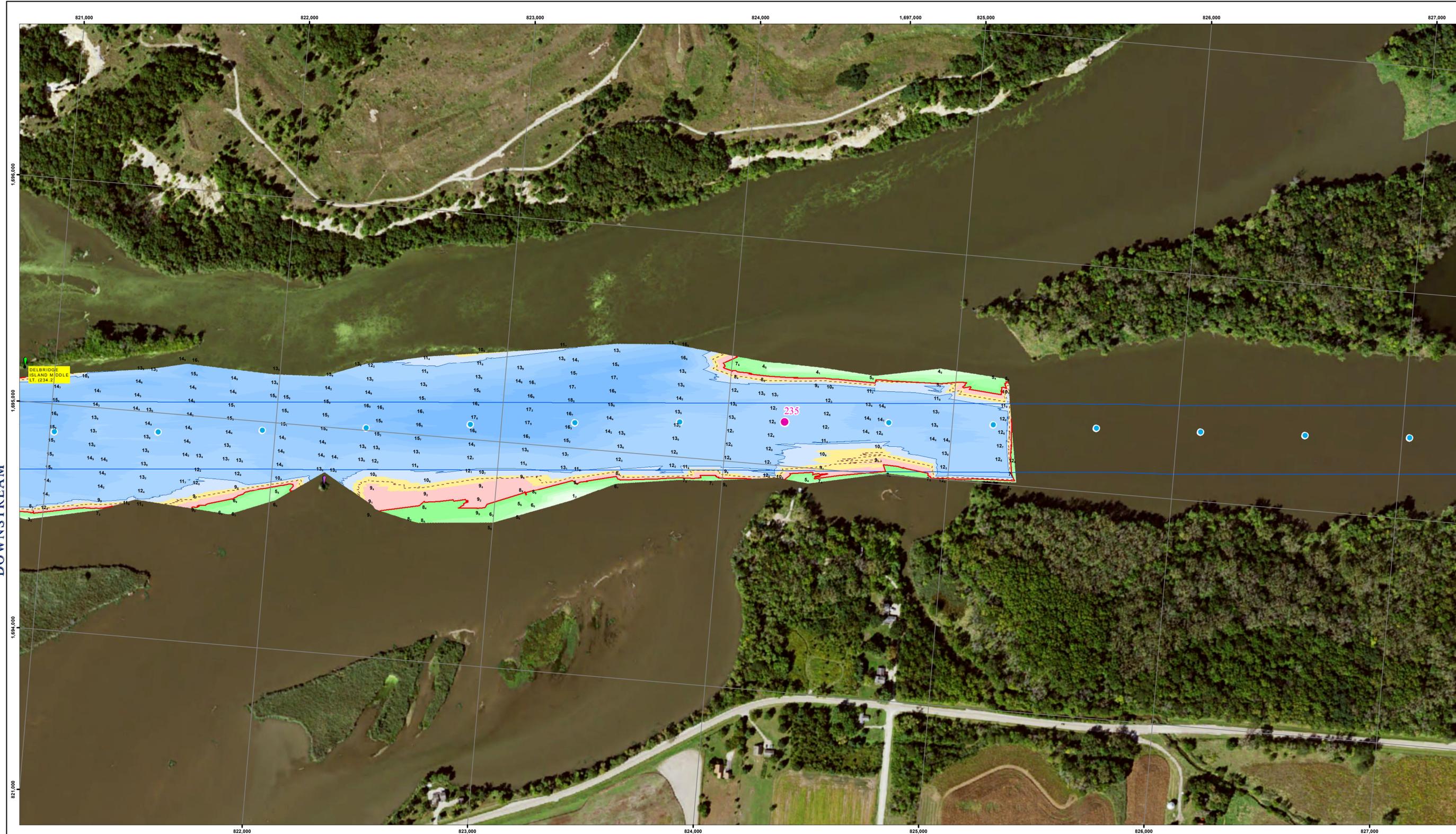
UPSTREAM



Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 7/28/2016
	Drawn By:	File No.
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

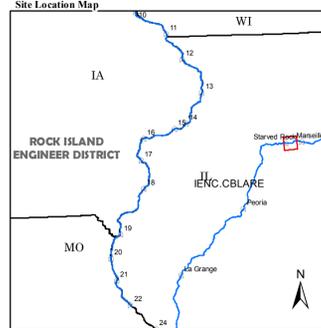
Sheet Reference Number  
1 of 1



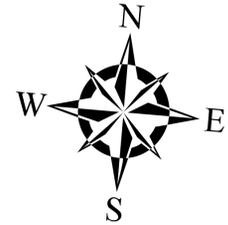
**NOTES:**  
 Survey Date: July 20, 2016  
 Conducted by: Steve G., Lee S  
  
 Survey Vessel: Launch Coot  
 Flat Pool: 458.5'  
 Water Surface: 459.7  
 Stage: +1.2  
 Downstream Gage: Starved Rock Upper RM 231.1  
 Upstream Gage: Ottawa RM 239.8

Horizontal Projection: State Plane, NAD 1983  
 Illinois East - 1202, U.S. Survey Feet  
 Vertical Datum: NGVD 1929 U.S. Survey Feet.  
 Imagery: 2015 USDA NAIP

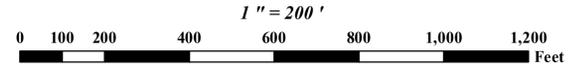
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  - Submerged Pipeline
  - Submerged Pipe Area
  - Submerged Cable
  - Submerged Cable Area



US ARMY CORPS OF ENGINEERS  
 ROCK ISLAND DISTRICT  
 CEMVR - OD-T  
 WATERWAY: Illinois Waterway  
 POOL: Starved Rock  
 REACH: Buffalo Rock  
 REACH MILES: 234.3 to 235.6  
 SURVEY TYPE: Condition



1" = 200'  
 SURVEYED RIVER MILES: 232.7-235.2