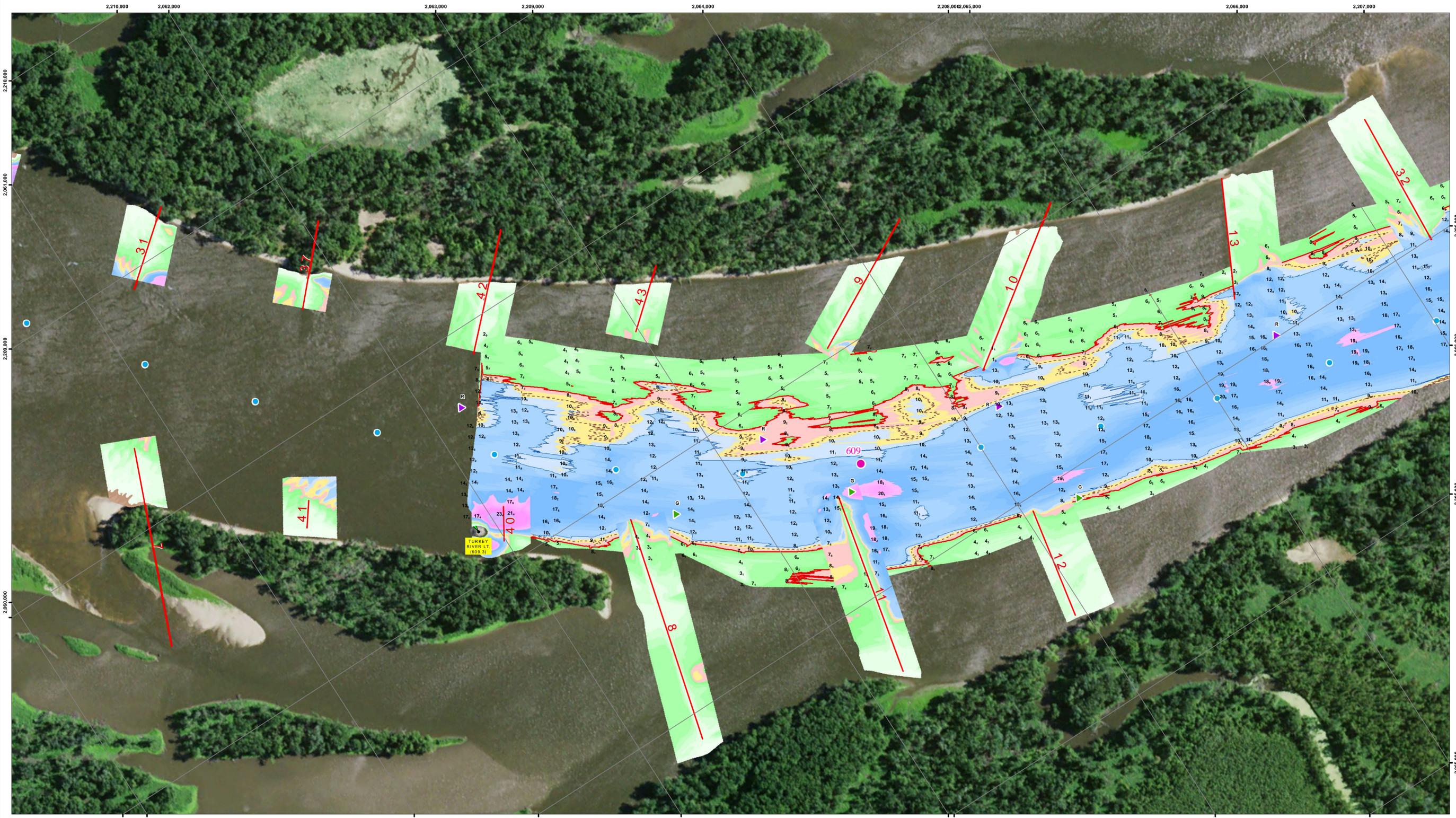




| Symbol | Description | Date | Approved |
|--------|-------------|------|----------|
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|---|--------------|-------------------------|
| U.S. ARMY ENGINEER DISTRICT<br>CORPS OF ENGINEERS | Designed By: | Date: 8/22/2016         |
|   | Drawn By:    | File No:                |
|   | Checked By:  | I.S.O. Sheet File Name: |
|   | Reviewed By: | Specification Number:   |

Sheet  
Reference  
Number  
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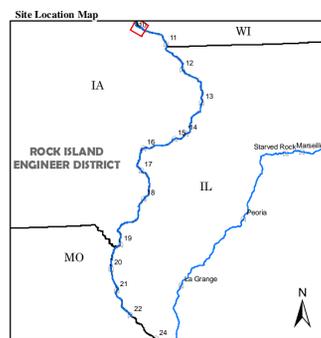


**NOTES:**  
 Survey Date: August 16, 2016  
 Conducted by: Cory B, Steve G  
  
 Survey Vessel: MV Hinds  
 Flat Pool: 603  
 Water Surface: 608.2  
 Stage: +5.2  
 Upstream Gauge: Lock 10 Tail RM 615.1  
 Downstream Gauge: Waupeton RM 599.9

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

Processed in ArcGIS by: Missi Brown 8/22/2016  
 Document Name: UM\_24\_UMR\_20160822\_11\_60776093\_16A

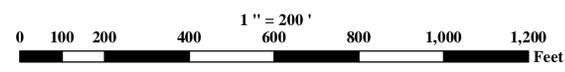
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.



- Depth (Ft)**
  - 10'
  - 0'
  - 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



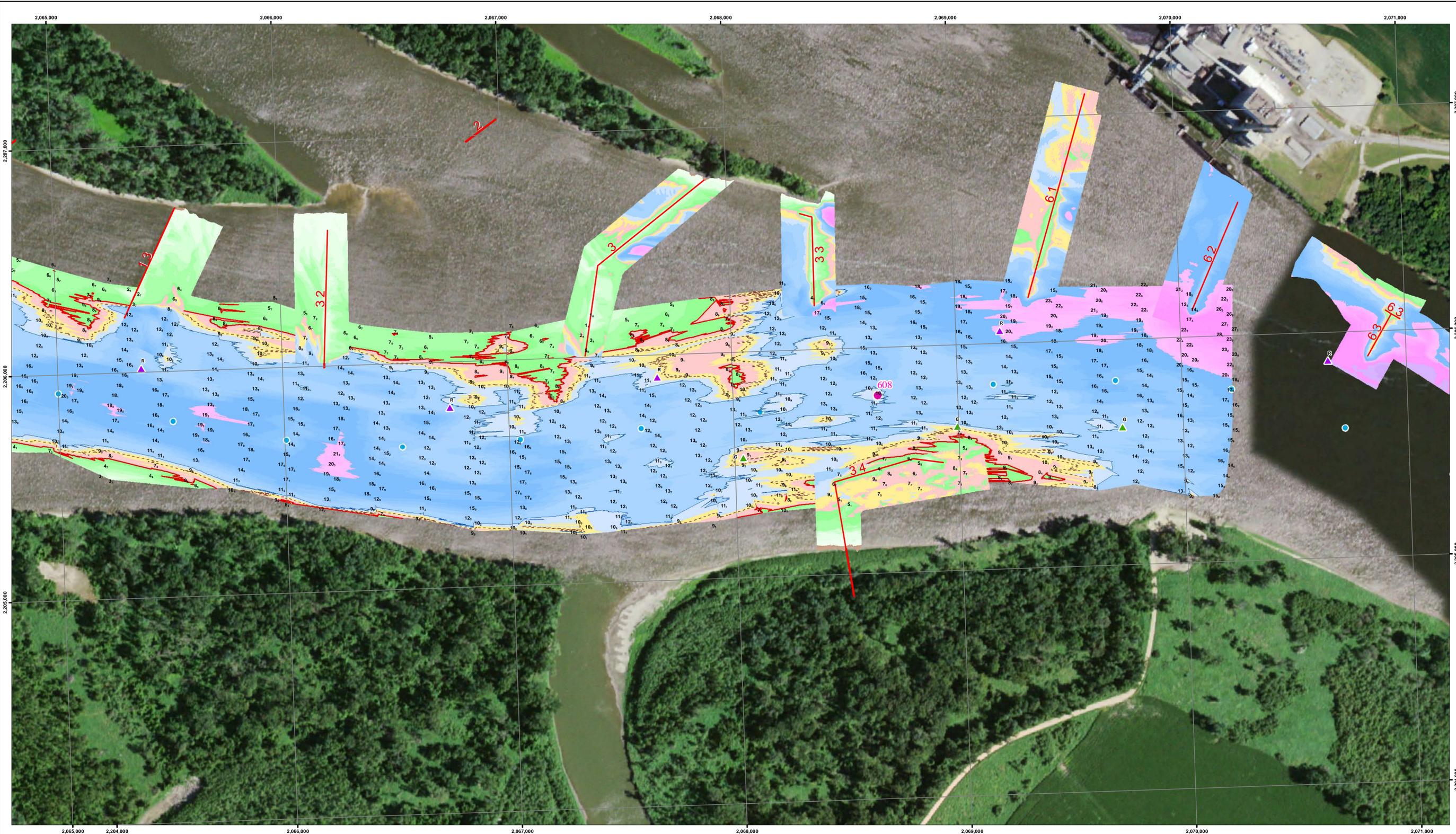
**US ARMY CORPS OF ENGINEERS  
 ROCK ISLAND DISTRICT  
 CEMVR - OD-T  
 WATERWAY: UPPER MISSISSIPPI RIVER  
 POOL: 11  
 REACH: Turkey River to Island 189  
 REACH MILES: 608.5 to 609.7  
 SURVEY TYPE: CONDITION**



**SURVEYED RIVER MILES: 596.5-597.5**

UPSTREAM

DOWNSTREAM



| Symbol | Description | Date | Approved |
|--------|-------------|------|----------|
|        |             |      |          |
|        |             |      |          |
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|---|--|--|
| U.S. ARMY ENGINEER DISTRICT<br>CORPS OF ENGINEERS | Designed By:<br>Drawn By:<br>Checked By:<br>Reviewed By: | Date: 8/22/2016<br>File No.:<br>U.S.O. Sheet File Name:<br>Specification Number: |
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Sheet Reference Number  
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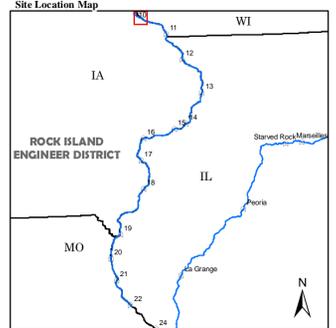
UPSTREAM

DOWNSTREAM

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 Vertical Datum: MSL 1912 U.S. Survey Feet.  
 Imagery: 2015 USDA NAIP

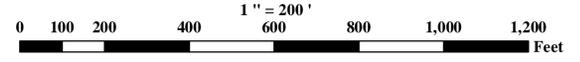
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  - Submerged Pipeline
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US ARMY CORPS OF ENGINEERS  
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 POOL: 11  
 REACH: Turkey River  
 REACH MILES: 607.5 to 608.7  
 SURVEY TYPE: CONDITION



SURVEYED RIVER MILES: 596.5-597.5

Processed in ArcGIS by: Missi Brown 8/22/2016  
 Document Name: UM\_24\_UMR\_20160822\_11\_60776093\_16A