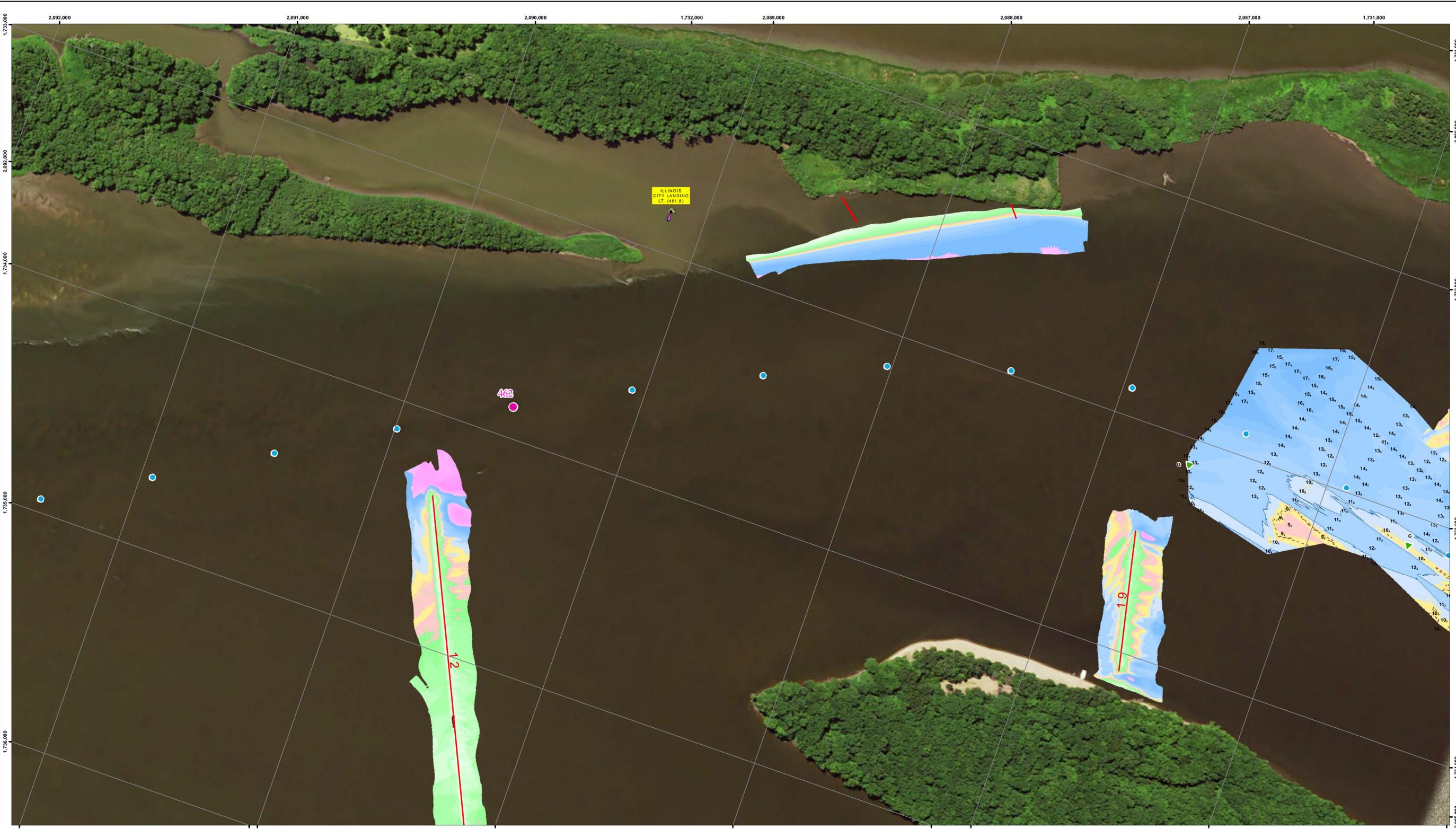


Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 8/11/2016
	Drawn By:	File No.:
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

Sheet Reference Number
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UPSTREAM

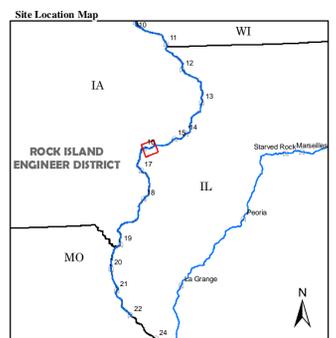
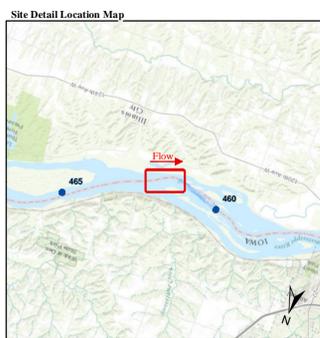
DOWNSTREAM

NOTES:
Survey Date: August 10, 2016
Conducted by: Steve G, Karl S

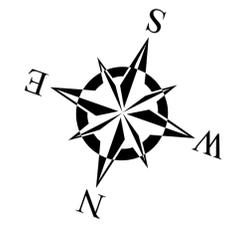
Survey Vessel: Launch Coot
Flat Pool: 545
Water Surface: 545.3
Stage: +0.3
Upstream Gage: Fairport RM 535.2
Downstream Gage: Lock 16 Pool RM 457.2

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

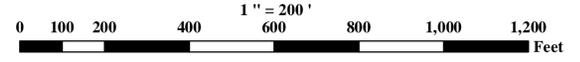
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.



- Depth (Ft)**
 - 10'
 - 0'
 - 1'
 - 2'
 - 3'
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 - 5'
 - 6'
 - 7'
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 - 9'
 - 10'
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 - 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: UPPER MISSISSIPPI RIVER
POOL: 16
REACH: Hershey Chute Upper
REACH MILES: 461.2 to 462.4
SURVEY TYPE: CONDITION



SURVEYED RIVER MILES: 460.3-460.8

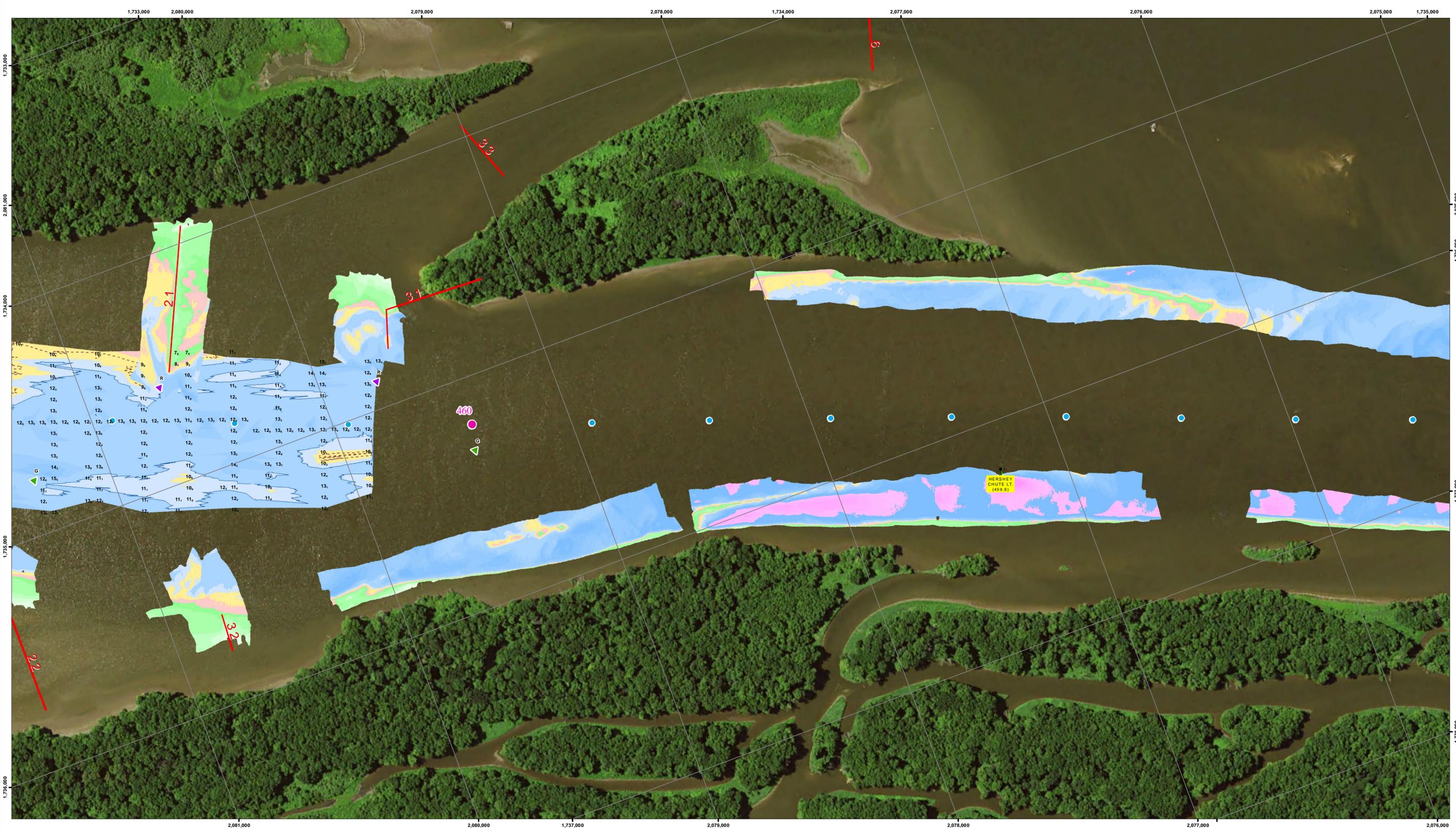
Processed in ArcGIS by: Missi Brown 8/11/2016
Document Name: UM_24_UMR_20160811_16_46034608_16B



Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 8/11/2016
	Drawn By:	File No:
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

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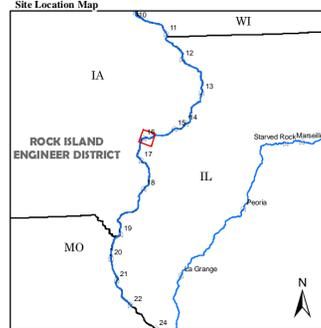


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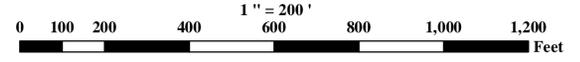
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US ARMY CORPS OF ENGINEERS
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 CEMVR - OD-T
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 POOL: 16
 REACH: Hershey Chute Middle
 REACH MILES: 459.2 to 460.4
 SURVEY TYPE: CONDITION



SURVEYED RIVER MILES: 460.3-460.8

UPSTREAM DOWNSTREAM