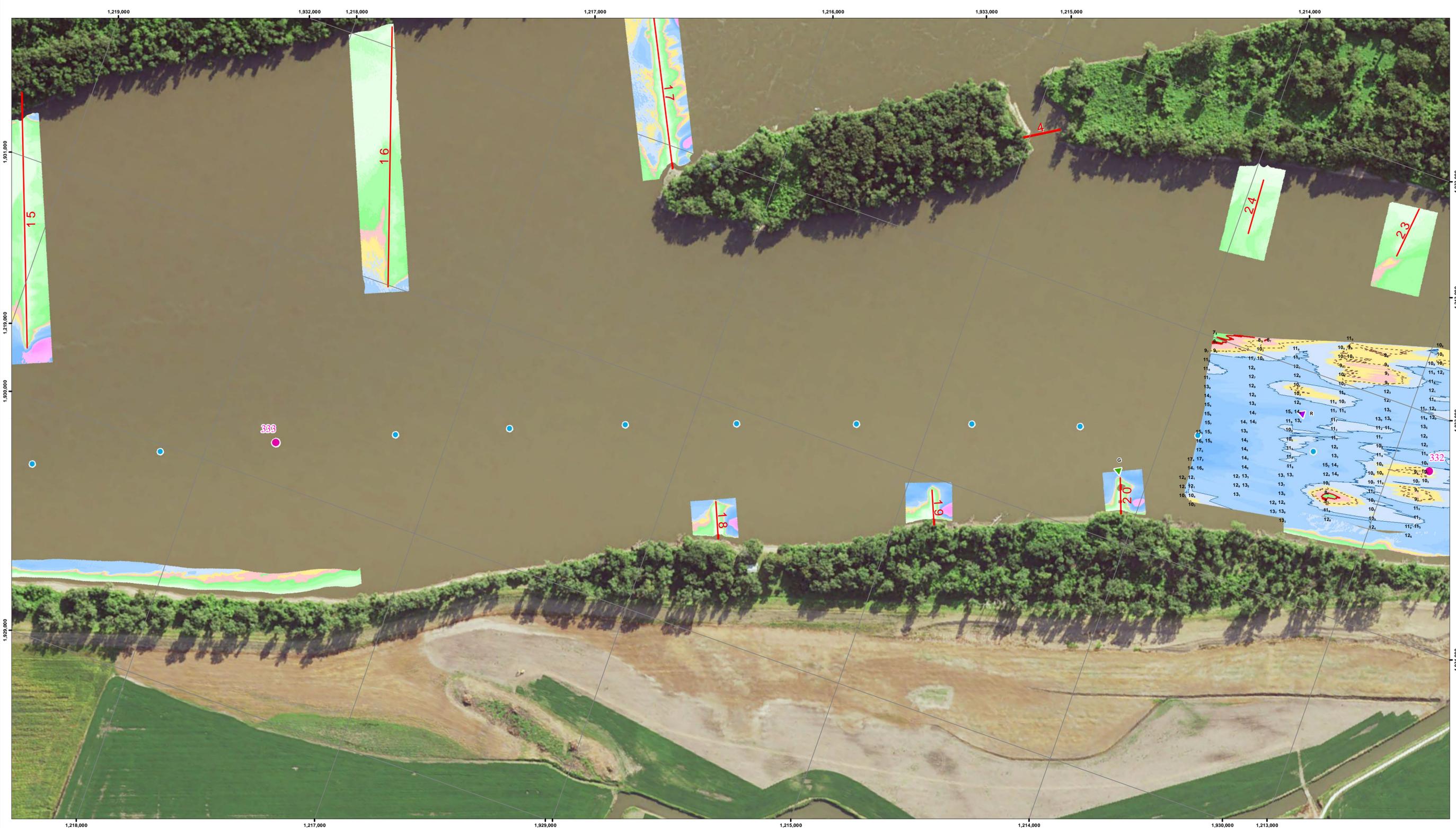




Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 8/26/2016
	Drawn By:	File No:
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

Sheet Reference Number
269 of 301

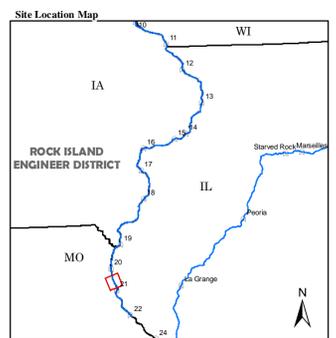
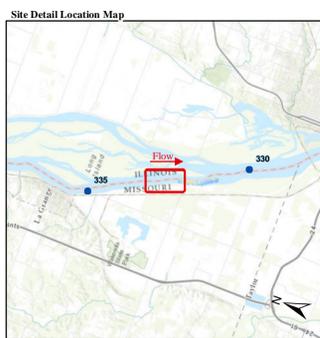


NOTES:
 Survey Date: August 25, 2016
 Conducted by: Cory Brenner, Lee S, Steve G

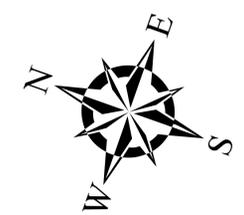
 Survey Vessel: MV Hinds
 Flat Pool: 470
 Water Surface: 472.7
 Stage: +2.7
 Upstream Gage: Lock 20 Tail RM 343.2
 Downstream Gage: Quincy RM 327.0

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

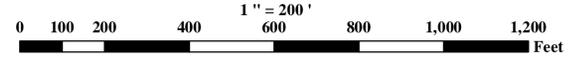
The information depicted on this map represents the results of a survey conducted on the date indicated and can only be considered to represent the general condition existing at that time.



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



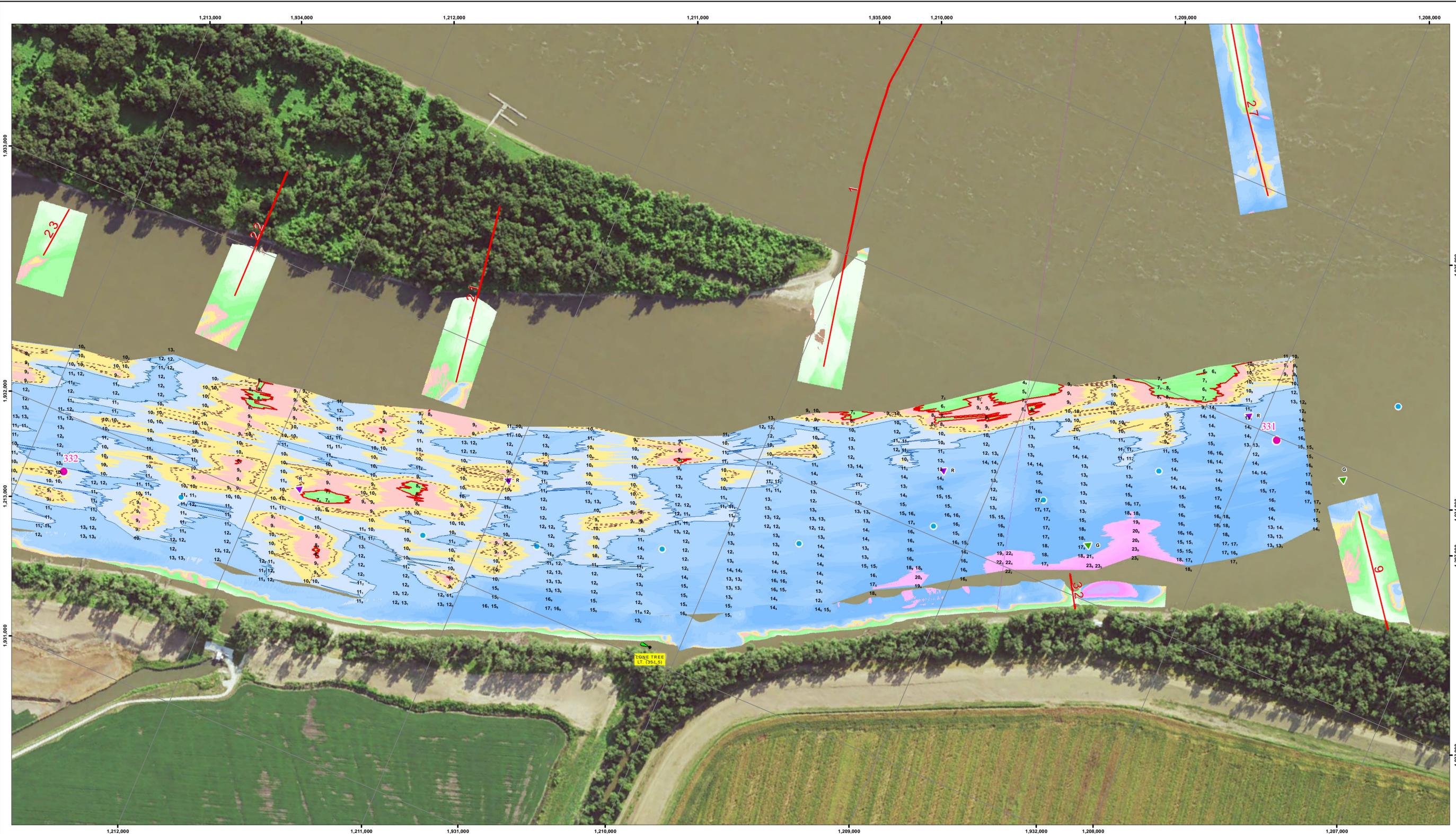
US ARMY CORPS OF ENGINEERS
 ROCK ISLAND DISTRICT
 CEMVR - OD-T
 WATERWAY: UPPER MISSISSIPPI RIVER
 POOL: 21
 REACH: Hogback to Willow Island
 REACH MILES: 332 to 333.2
 SURVEY TYPE: Condition



SURVEYED RIVER MILES: 330.8-332.2

UPSTREAM

DOWNSTREAM



Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 8/26/2016
	Drawn By:	File No.:
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Specification Number:

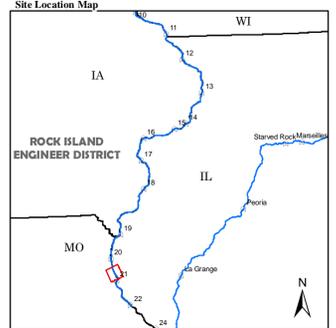
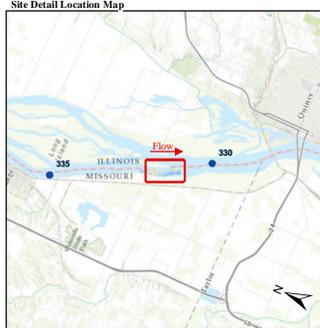
Sheet Reference Number
270 of 301

NOTES:
 Survey Date: August 25, 2016
 Conducted by: Cory Brenner, Lee S, Steve G

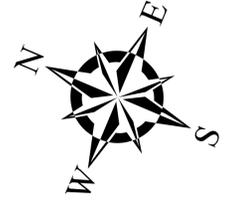
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Horizontal Projection: State Plane, NAD 1983
 Illinois West - 1202, U.S. Survey Feet
 Vertical Datum: MSL 1912 U.S. Survey Feet.
 Imagery: 2015 USDA NAIP

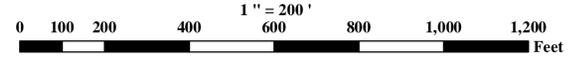
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- Submerged Cable
- Submerged Cable Area



US ARMY CORPS OF ENGINEERS
 ROCK ISLAND DISTRICT
 CEMVR - OD-T
 WATERWAY: UPPER MISSISSIPPI RIVER
 POOL: 21
 REACH: Hogback
 REACH MILES: 330.9 to 332
 SURVEY TYPE: Condition



SURVEYED RIVER MILES: 330.8-332.2

UPSTREAM

DOWNSTREAM