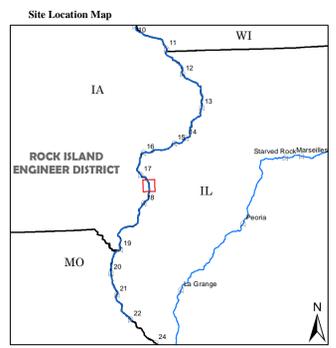
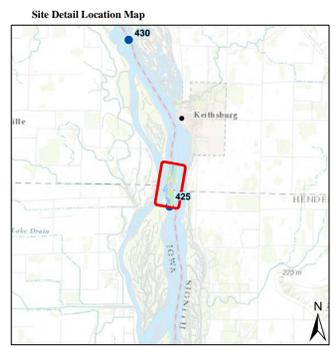
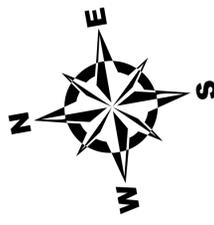


Symbol	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS	Designed By:	Date: 8/28/2014
	Drawn By:	File No.:
	Checked By:	U.S.O. Sheet File Name:
	Reviewed By:	Solicitation Number:

Sheet Reference Number  
1 of 1

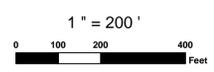
Hydrographic Survey of the **Mississippi River - Pool 18**  
 Orthophotography flown 2012 - USDA NAIP Imagery  
 Horizontal Projection: State Plane, NAD 1983,  
 Illinois West - 1202, U.S. Survey Feet  
 Vertical Datum: MSL 1912 U.S. Survey Feet  
 All soundings adjusted to Flat Pool: 528.0  
 Water Surface at time of survey: Up: 530.7 Low: 530.5  
 Water Stage: Up: +2.7 Low: +2.5



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

**NOTES:**  
 Survey Date: 08/27/2014  
 Survey Vessel: MV Hinds  
 Conducted by: Matt Martin, Lee Schweiger, Cory Brenner  
 Processed in ArcGIS by: Dan McBride 8/29/2014  
 File Name: MVRUM18\_42504262\_14B\_DRG

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Gages Used:  
 Up: Keithsburg / RM 427.7  
 Low: Oquawka / RM 415.2

Keithsburg Lower - Proposed Hydraulic Dredge Cuts  
 UMR Pool 18 River Reach Miles 425.0-426.2

Upper Mississippi River Reach:  
 Keithsburg Lower  
 River Miles: 425.0-426.2  
 Survey Type: Reconnaissance Condition