



ILLINOIS STATE WATER SURVEY
PRAIRIE RESEARCH INSTITUTE

ILLINOIS

Map Legend	
Effective FIRM Cross Section (Map Label/River Station, WSELY)	Effective Floodway
Cross Section (Map Label/River Station, WSELY)	AE (1% Annual Chance Floodplain)
Modified Structures	AH (1% Annual Chance Floodplain)
Limit Line	AD (1% Annual Chance Floodplain)
1% FIRM	A (1% Annual Chance Floodplain)
Profile Baseline	X (0.2% Annual Chance Floodplain)
Levees	
Floodway	
1% Annual Chance Flood Hazard	
0.2% Annual Chance Flood Hazard	

Metadata:
Digital Orthophotography - 2011 Statewide orthophotography was provided by Illinois Department of Transportation (IDOT). The native projection for the 2011 IDOT orthophotography is Transverse Mercator, Illinois State Plane Coordinate System (IPCS), West and East zones, NAD 1983 datum.
Whiteside, Rock Island, and Henry County DEMs were created with LIDAR acquired by AERO-METRIC in 2009/2010. The classified bare-earth data achieved the following: nominal horizontal spacing of 1.0 meters based on the Illinois State Plane Coordinate System, West Zone, related to the North American Datum of 1983 (NAD83/2011). Vertical accuracy was tested and met 1.19 foot or less standards.
Road Names - GIS data provided by IDOT via Illinois Technology Transfer Center (<http://gis.dot.illinois.gov/gis2/>) Published - 2012
Profile Baselines - Extracted from HEC-RAS model using HEC-GeRAS 10 for ArcGIS Desktop 10.
Notes - Base HEC-RAS models were created by USACE.
Revised 1% and 0.2% floodplains delineated by Illinois State Water Survey (ISWS).
Floodway delineation created by ISWS.
All Elevations are in NAVD 88 vertical datum.
Coordinate System: NAD 1983 StatePlane Illinois East FIPS 1201 Feet
Projection: Transverse Mercator
Datum: North American 1983
False Easting: 984,250.0000
False Northing: 0.0000
Central Meridian: -88.3333
Scale Factor: 1.0000
Latitude Of Origin: 36.6667
Units: Foot US
The technical content of the map is the responsibility of the authors. The user assumes all liability for the interpretation and use of the map.

**Rock River - Meredosia Ditch
Whiteside, Henry, & Rock Island Counties
Floodplain Comparison Workmap**
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Date: 5/30/2014

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01,0002,0004,0006,0008,000

Feet

1:12,000
1 in = 1,000 ft

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