



Hydrographic Survey of the Mississippi River Ortho photography flown 1995  
 Horizontal Projection: State Plane, NAD1983, Illinois West - 1202 U.S. Survey Feet  
 Vertical Datum: MSL 1912 U.S. Survey Feet. All soundings adjusted to Flat Pool: 545.0  
 Water Surface at time of survey: 546.0 / Water Stage: +1.0 Feet

Survey Vessel: MV Hinds  
 Conducted by: Matt Martin, Lee Schweiger and Jesse Corgan  
 Processed in AutoCAD Civil 3D 2012 by Bob Adams on 19 Aug 2013  
 File Name: UMR\_16\_4718-4733\_13B.dwg



US ARMY CORPS OF ENGINEERS  
 MVR - ROCK ISLAND DISTRICT  
 OPERATIONS DIVISION - TECH SUPPORT BRANCH

# Buffalo Lower to Upper

Survey Date: 14 Aug 2013  
 UMR / Pool 16 - Reach River Miles: 471.8 - 473.3