



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. Soundings adjusted to Pool Elevation: 476.6
 Water Surface at time of survey: 479.6 / Water Stage: +3.0 Feet

Survey Vessel: Launch Coot
 Conducted by: Sam Hoover
 Processed in AutoCAD Civil 3D 2012 by Bob Adams on 23 Aug 2013
 File Name: UMR_20_3432-3446_13B.dwg



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

Lock 20 Upper to Brownsville Island

DEPCTS 2009 MECHANICAL DREDGE EVENT

Survey Date: 21 Aug 2013

UMR / Pool 20 - Reach River Miles: 343.2 - 344.6