



Scale 1" = 200'

Multi-Transducer Survey with Complete Coverage

- 9' Contour at Flat Pool = —
- 9' Contour at 2' drawdown = —
- 9' Contour at 3' drawdown = —
- 9' Contour at 4' drawdown = —
- 9' Contour at 5' drawdown = —

Hydrographic Survey of the **Illinois Waterway** Ortho photography flown 1995
 Horizontal Projection: State Plane, NAD1983, Illinois East - 1201 U.S. Survey Feet
 Vertical Datum: NGVD 1929 U.S. Survey Feet. All soundings adjusted to Flat Pool: 577.5
 Water Surface at time of survey: 576.9 / Water Stage: -0.6 Feet

Survey Vessel: MV Holling
 Conducted by: Justin Coldwater, Rick Anderson and Lee Schweiger
 Processed in AutoCAD Civil 3D 2012 by Bob Adams on 12 Feb 2013
 File Name: IWW_CS_3120-3130_13A.dwg



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

Harlem Avenue

Survey Date: 11 Feb 2013

IWW / Calumet Sag Canal - Reach River Miles: 312.0 - 313.0