MB SONAR DATA AND IMAGERY FROM 4/21/16
INCLUDES A COMBINATION OF THE DATA
COLLECTED WITH BOTH THE RESON T50
MULTI-BEAM AND THE BLUE VIEW SCANNING
SONAR.

PLOT NOTES

Scale: 1 inch = 55.00 Feet
Relevant locate points for 20" line

Plot Notes

PLOT NOTES
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20" MISSISSIPPI RIVER CROSSING
EAST BANK FOCUSED STUDY
DATE(S): 4/20/16 - 4/22/16
PREPARED FOR:

Multibeam Detail (20") Page 2
Elevation
~ 40' length
See next page. There appears to be sediment build-up sloping up to the 20" pipe on the upstream side (Left -- North). The top of pipe appears to be about 12" higher in elevation than the sediment just downstream (Right -- South) from the pipe.

30' Sunken Vessel

~ 20' length
The sediment in this section just appears to be mounding over the 20" pipe.
~ 20' length
The sediment in this section just appears to be mounding over the 20" pipe.

~ 40' length
There appears to be sediment build-up sloping up to the 20" pipe on the upstream side (Left – North).

~ 20' length
The top of pipe appears to be about 12" higher in elevation than the sediment just downstream (Right – South) from the pipe.
**Definitions**

- **DoC**: Depth of Cover
- **T.O.P.**: Top of Pipe (or Cable, Conduit, etc.)
- **+VSDV**: Positive aspect of vertical confidence level. Represents a 95% likelihood that the true position of the target lies deeper than this point.
- **MSDoC**: Minimum Statistical Depth of Cover. This reflects the measured distance from the +VSDV component to the Topo / Bathymetry line.

**Geodetic Settings**

- NAD83 - 1202 Illinois West GEOID12A (Conus)
- Units = Survey Foot

**Plot Notes**

MB sonar data collected on 11/22/2015 was performed to gather bathymetric data under the barges that was unavailable to the single-beam sonar used in the initial survey on 8/29/2015.

MB sonar data and imagery from 4/18/16 includes a combination of the data collected with both the Reson T50 multi-beam and the Blue View scanning sonar.