



**NOTES:**  
 ▲ EMBARRAS IS THE ORIGIN OF THE GRID COORDINATE SYSTEM  
 ALL ELEVATIONS ON THIS SHEET REFER TO TRUE SOUTH AT A EMBARRAS  
 AND DIVERGENCE 9° 09' 00"  
 ELEVATIONS REFER TO MEAN SEA-LEVEL AS ZERO  
 @ 1960 ADJUSTED MEASURE  
 1960 MILEAGE SHOWN IN TITLE  
 ◊ BEND CHANGE

GAGE DATA				
Location	Reading	Discharge	C.R.P.	Date
Sioux City	3.3	31,500	-0.7	5 Sep 68
Sioux City	3.0	31,000	-1.0	6 Sep 68

Note:  
 All soundings are depths in feet below C.R.P.  
 (Design flow of 30,000 c.f.s. at Sioux City.)

THIS DRAWING HAS BEEN REDUCED TO  
 ONE-HALF THE ORIGINAL SCALE.

DATE		Revised to show latest field data		MADE	APPROVED
U. S. ARMY ENGINEER DISTRICT, OMAHA CORPS OF ENGINEERS OMAHA, NEBRASKA					
COMPILED BY: L. S. S.	MISSOURI RIVER				
DRAWN BY: G. C. S.	HYDROGRAPHIC SURVEY				
TRACED BY: G. C. S.	STRUCTURE 831.0 TO 827.7				
CHECKED BY: G. C. S.	KENSLEERS BEND				
SUBMITTED BY: H. E. Christian	APPROVED: <i>Charles P. Blipp</i> DATE 5 & 6 SEPT. 1968				
CHIEF, CHAMPLAIN STAB. SEC.	CHIEF, ENGINEERING DIVISION				
APPROVED: <i>W. A. ...</i>	SCALE 1 INCH = 400 FEET				
COL. C. E. DISTRICT ENGINEER	MCC-18E68-89				