994,000N 998,000N 384,000W 998,000N 382,000W 1,000,000N 1,002,000N 380,000W 1,004,000N

992,000N 386,000W 376,000W

990,000N 388,000W 374,000W

988,000N 390,000W 372,000W

762.05-A REV.
C.R.P. EL. 1049.3 STA. 0+00

761.75
END STA. 7+14
C.R.P. EL. 1048.8
PILE EL. 1055.2
ROCK EL. 1052.6

R-81C Conc.

761.6 REV.
C.R.P. EL. 1048.6 STA. 3+02

R-70102

R-81B Conc.

R-81A Conc.

R-81BA Conc.

R-63G Conc.

760.81
PILE EL. 1056.0

R-81BB-RW-7 Conc.

R-43-7 F Conc.

R-81BC=RW-9 Conc.

759.4
EL. 1058.8

R-43-7 E Conc.

759.9 REV.
C.R.P. EL. 1047.6 STA. 0+00

R-43-7D Conc.

R-43-7CA Conc.

R-43-7B Conc.

R-43-7A Conc.

R-43-7 Conc.

755.6
EL. 1058.8

R-81BH Conc.

R-81BD=RW-10 Conc.

RW-11 = MC-14

759.35
C.R.P. EL. 1047.4
PILE EL. 1055.9
ROCK EL. 1051.4

R-81BE Conc.

759.33
C.R.P. EL. 1047.3
PILE EL. 1055.6
ROCK EL. 1051.1

GAGE 700.77
C.R.P. EL. 1047.3
W.S. EL. 1044.6
25 Sept. 1968

759.25
C.R.P. EL. 1047.2
PILE EL. 1055.5
ROCK EL. 1050.3

759.23
C.R.P. EL. 1047.1

759.21
C.R.P. EL. 1047.0
PILE EL. 1055.3
ROCK EL. 1050.8

757.0
PILE EL. 1054.4

Ballasted Mattress

R-81BF Conc.

758.9
C.R.P. EL. 1046.9
ROCK EL. 1050.0

758.6
C.R.P. EL. 1046.8
PILE EL. 1055.2
ROCK EL. 1050.7

R-700.4
3-75.70' is 17.54' U.S. of R-700.4 on Azi 117°32'

R-81BG Conc.

757.01
C.R.P. EL. 1046.1
ROCK EL. 1053.2

758.3
C.R.P. EL. 1046.6
PILE EL. 1055.3
ROCK EL. 1050.5

758.45
C.R.P. EL. 1046.7
ROCK EL. 1049.8

758.3-A
C.R.P. EL. 1046.6 STA. 0+00

R-700.0

L-702.16

761.7
C.R.P. EL. 1048.7
ROCK EL. 1050.7

761.4
C.R.P. EL. 1048.8
ROCK EL. 1050.5

L-701.93

761.25
C.R.P. EL. 1048.4
ROCK EL. 1050.5

761.15
C.R.P. EL. 1048.2
PILE EL. 1056.6
ROCK EL. 1051.1

L-701.7

Sta. 18+75.04 is 3.88' U.S. of L-701.7 on Azi 98°30'

761.0
C.R.P. EL. 1048.1
ROCK EL. 1051.2

760.9
C.R.P. EL. 1047.9
PILE EL. 1055.2
ROCK EL. 1051.7

L-701.39

760.5
C.R.P. EL. 1047.8
ROCK EL. 1050.9

760.0
C.R.P. EL. 1047.6
PILE EL. 1056.0
ROCK EL. 1051.7

L-701.14

759.7
C.R.P. EL. 1047.5
PILE EL. 1055.8
ROCK EL. 1051.3

760.0-A REV.
C.R.P. EL. 1047.6 STA. 0+00

760.0-B REV.
C.R.P. EL. 1047.6 STA. 0+00

L-700.9

759.34
C.R.P. EL. 1047.4
PILE EL. 1055.7
ROCK EL. 1051.4

L-700.8

759.3
C.R.P. EL. 1047.3
PILE EL. 1055.8
ROCK EL. 1051.3

759.2 REV.
C.R.P. EL. 1047.1 STA. 4+32
C.R.P. EL. 1044.2 STA. 150+00

L-700.59

L-700.39=33°@15+00

L-700.2=33°@25+00

L-21-A 15 Conc.

L-21-A 14 Conc.

L-20J Conc.

L-20H Conc.

L-20G Conc.

L-20F Conc.

L-20E Conc.

L-20D Conc.

760.A
C.R.P. EL.
EL. 1052.6

RW-1 MC-1
RW-2
RW-3 10+00
RW-4
RW-5
RW-5A
RW-6
RW-6A
RW-7
RW-8
RW-8A
RW-9
RW-10
RW-11 = MC-14
RW-12
RW-13
RW-14
RW-15
RW-16
RW-17
RW-18
RW-19
RW-20
RW-21
RW-22
RW-23
RW-24
RW-25
RW-26
RW-27
RW-28
RW-28A
RW-29
RW-29A
RW-30
RW-30A
RW-31 = MC-40

MONONA BEND

LOWER MONONA BEND

Banklines 25 Sept. 1968

W.S. EL. 1074.0 25 Sept. 1968

R-700.8

R-700.6

R-700.0

THURSTON COUNTY

IOWA COUNTY

NOTES:

1. ▲ WESTON IS THE ORIGIN OF THE GRID COORDINATE SYSTEM.
ALL AZIMUTHS ON THIS SHEET REFER TO TRUE SOUTH AT ▲ BLACKBIRD
GRID DIVERGENCE +0°54'.480"
ELEVATIONS REFER TO MEAN SEA LEVEL AS ZERO.
0 1960 ADJUSTED MILEAGE.
1960 MILEAGE SHOWN IN TITLE.
<TBL> BEING CHANGE.

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

GAGE DATA

Location	Reading	Discharge	C.R.P.	Date
Decatur	6.4	30,500	-0.4	25 Sep.'68

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

DATE	REVISIONS DESCRIPTION	MADE	APPD
	Revised to show latest field data		

U. S. ARMY ENGINEER DISTRICT, OMAHA
CORPS OF ENGINEERS
OMAHA, NEBRASKA

COMPILED BY: G.W.H.
DRAWN BY: G.W.H.
TRACED BY: G.W.H.
CHECKED BY: G.C.S.
SUBMITTED BY: CHIEF, CHANNEL STAB. SEC.
APPROVED: CHIEF, CIVIL DES. BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION
DATE: 25 SEPT. 1968
APPROVED: COL, C.E., DISTRICT ENGINEER

MISSOURI RIVER
HYDROGRAPHIC SURVEY
STRUCTURE 761.7 TO 758.45
UPPER MONONA AND
LOWER MONONA BENDS

SCALE 1 INCH = 400 FEET
0 400 800 1200 FEET

DRAWING NUMBER
MCC-18E68-71

MILE 702.0 TO 700.1 (1960)