MISSOURI

ATCHISON COUNTY

HAMBURG BEND

BARNEY BEND

LEVEE UNIT L-575

595.75 C.R.P. EL. 898.3

STA. 1+00 TO STA. 4+30 EL. 905.3
STA. 4+30 TO STA. 4+80 GRADUAL DROP FROM EL. 905.3 TO 904.3
STA. 4+80 TO STA. 5+60 EL. 904.3
STA. 5+60 TO STA. 6+10 GRADUAL RISE FROM EL. 904.3 TO 906.3
STA. 6+10 TO STA. 7+05 EL. 906.3

598.2 C.R.P EL. 903.4 PILE EL. 908.3

598.7 REV. BEGINS STA. 0+00 C.R.P EL. 902.8

598.2-A C.R.P. EL. 903.4

598.19 REV. C.R.P. EL. 903.4 STA. 0+00

598.0 C.R.P. EL. 903.2 PILE EL. 908.1 ROCK EL. 908.3

597.8 C.R.P. EL. 903.1 PILE EL. 910.2 ROCK EL. 908.2

597.81 C.R.P EL. 903.0 PILE EL. 910.9 ROCK EL. 908.1

598.3 R-570.93

597.9 C.R.P EL. 903.2 ROCK EL. 905.2

597.7 C.R.P EL. 903.1 ROCK EL. 905.1

597.6 REV. C.R.P. EL. 902.9 STA. 0+00

597.55 C.R.P EL. 902.9 ROCK EL. 905.9

598.1 C.R.P. EL. 903.3 PILE EL. 908.1

597.5 C.R.P EL. 902.6 PILE EL. 909.9 ROCK EL. 907.9

597.5-A C.R.P EL. 902.8 ROCK EL. 900.8

597.5-B C.R.P EL. 902.6 PILE EL. 909.7 ROCK EL. 907.7

597.15 C.R.P EL. 902.4 ROCK EL. 904.4

597.5-C C.R.P EL. 902.3 ROCK EL. 903.4

596.45 C.R.P EL. 902.2 ROCK EL. 904.2

596.4 C.R.P EL. 902.1 ROCK EL. 907.2

596.2 C.R.P EL. 901.9 PILE EL. 905.7 ROCK EL. 902.9

596.1 C.R.P EL. 901.6 PILE EL. 905.8 ROCK EL. 902.7

595.9 C.R.P EL. 901.4 ROCK EL. 902.5

598.71 C.R.P EL. 901.2 ROCK EL. 908.4

595.55 C.R.P EL. 901.0 PILE EL. 905.2 ROCK EL. 902.0

595.35 C.R.P EL. 900.8 PILE EL. 908.0 ROCK EL. 901.8

595.25 C.R.P EL. 900.5 PILE EL. 907.8 ROCK EL. 901.8

595.29 C.R.P EL. 900.9 ROCK EL. 902.9

595.24 REV. C.R.P. EL. 900.5 STA. 0+00

595.15 C.R.P EL. 900.4 ROCK EL. 903.5

595.5 C.R.P. EL. 900.8 PILE EL. 907.0 ROCK EL. 904.0

595.6 C.R.P EL. 901.0 PILE EL. 903.8

595.7 DIKE C.R.P. EL. 901.3 STA. 13+50 PILE EL. 905.5 ROCK EL. 903.0

595.56 REV. C.R.P. EL. 901.0 STA. 0+00

595.4 C.R.P. EL. 900.8 PILE EL. 907.0 ROCK EL. 903.9

595.3 C.R.P EL. 900.7 PILE EL. 907.0 ROCK EL. 903.7

595.2 END STA. 16+15 C.R.P EL. 900.5 PILE EL. 908.1 ROCK EL. 903.6

594.87 C.R.P. EL. 900.2 ROCK EL. 903.3

594.9 C.R.P EL. 900.3 PILE EL. 907.6 ROCK EL. 903.4

594.8 REV. C.R.P. EL. 899.9 STA. 8+67

594.81 C.R.P. EL. 900.1 PILE EL. 907.4 ROCK EL. 903.2

594.7 C.R.P EL. 899.9 PILE EL. 911.1 ROCK EL. 903.4

594.9-A REV. C.R.P. EL. 900.3 STA. -(0+00.23)

595.0 C.R.P. EL. 900.4 PILE EL. 907.8 ROCK EL. 904.6

594.75 C.R.P. EL. 900.0 ROCK EL. 901.1

594.85 C.R.P. EL. 900.1 PILE EL. 907.4 ROCK EL. 903.2

594.4 C.R.P. EL. 899.7

594.3 C.R.P EL. 899.6 ROCK EL. 900.7

594.6 C.R.P. EL. 899.8 PILE EL. 907.2 ROCK EL. 901.0

594.1 C.R.P EL. 899.8 PILE EL. 908.0

597.2 C.R.P. EL. 902.6 PILE EL. 907.0

596.3 C.R.P. EL. 902.0 PILE EL. 908.6 ROCK EL. 905.8

596.7 REV. C.R.P. EL. 902.0 STA. 7+89

596.15 C.R.P. EL. 901.7 PILE EL. 910.3 ROCK EL. 903.3

R-570.89 R-570.69 R-570.55 R-570.49 R-570.25 R-570.21 R-570.1 R-569.85 R-569.7 R-569.5 R-569.3 R-569.2 R-569.15 R-569.05 R-568.95 R-568.85 R-568.74 R-568.6 R-568.5 R-568.3 R-568.2 R-568.0 R-567.8 R-5679 R-571.4 R-571.1

L-570.45 L-570.2 L-569.9 L-569.45 L-569.3 L-569.1 L-568.9 L-568.81 L-568.66 L-568.45 L-568.25 L-567.97 L-567.9 L-567.65 L-570.91 L-570.8 L-570.7 L-570.6 L-571.01

L-286-4 L-286-3 L-286-2 L-286-1 L-286-A L-286B

TBML68A EL. 906.54 TBML68B EL. 906.51 L-68A EL. 907.06 TBML70C EL. 909.66

Key Trench

GAGE 551.05 C.R.P. EL. 900.9

W.S. EL. 900.7 — 20 SEPT 1968
W.S. EL. 899.9 — 23 SEPT. 1968

Ranging & Soundings 20 SEPT. 1968 — 23 SEPT. 1968

OTOE COUNTY LEVEE

OTOE COUNTY

NEBRASKA

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.

NOTES:

▲ WESTON IS THE ORIGIN OF THE GRID COORDINATE SYSTEM
ALL AZIMUTHS ON THIS SHEET REFER TO TRUE SOUTH AT ▲ 286
GRID DIVERGENCE 00°34'02.2"
ELEVATIONS REFER TO MEAN SEA LEVEL AS ZERO
○ 1960 ADJUSTED MILEAGE
1880 MILEAGE SHOWN IN TITLE
◇ BEND CHANGE

GAGE DATA

Location	Reading	Discharge	C.R.P.	Date
Nebr. City	9.0	37,000	+0.9	20 Sep.'68
Nebr. City	8.4	34,500	+0.3	23 Sep.'68

DATE	DESCRIPTION	MADE	APPVD
	Revised to show latest field data		

REVISIONS

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

COMPILED BY: G.W.M.
DRAWN BY: G.W.M.
TRACED BY: G.W.M.
CHECKED BY: G.C.S.
SUBMITTED BY: Chief, Channel Stab. Sec.
APPROVED: Chief Civil Des. Branch

MISSOURI RIVER
HYDROGRAPHIC SURVEY
STRUCTURE 598.30 TO 594.30
UPPER HAMBURG TO
UPPER BARNEY BENDS

APPROVED: Chief, Eng. Division — DATE: 20 & 23 SEPT 1968
APPROVED: COL, C. E., District Engineer
SCALE 1 INCH = 400 FEET
DRAWING NUMBER: MCC-18E68-18

MILE 553.4 TO 550.0 (1960)