CORPS OF ENGINEERS

U. S. ARMY

160000W 312000N 310000N 308000N 158000W 306000N 304000N 302000N 300000N

162000W 164000W 166000W 168000W 298000N 160000W 162000W 164000W 166000W 168000W

H O L T C O U N T Y

M I S S O U R I

N E B R A S K A

R I C H A R D S O N C O U N T Y

TBM L279 EL. 868.93

TBM L282 EL. 876.37

TBM R-297 EL. 869.83

TBM R 291B EL. 868.94

555.9

STA. 1+08 TO STA. 2+10 GRADUAL DROP FROM EL. 867.2 TO EL. 865.2
STA. 2+10 TO STA. 5+38 EL. 865.2
STA. 5+38 TO STA. 6+28 GRADUAL RISE FROM EL. 865.2 TO EL. 866.0

555.7 PILE EL. 866.0

GRID DIVERGENCE 0°24'04" TRUE AT △ DEVOIR

GRID DIVERGENCE 0°23'13" TRUE AT △ 228

555.62 PILE EL. 869.2 ROCK EL. 867.2

555.6 PILE EL. 868.1 ROCK EL. 865.1

555.4 PILE EL. 868.0 ROCK EL. 866.2

555.3 PILE EL. 867.0 ROCK EL. 866.2

555.3-A

554.81 PILE EL. 869.9 ROCK EL. 865.3

554.7 PILE EL. 869.8 ROCK EL. 869.3

556.31 EL. 871.6

556.4 EL. DIKE 871.7 EL. ABATIS 869.2

556.5 EL. DIKE 871.8 EL. ABATIS 868.3

556.8

556.8

556.32 PILE EL. 868.0

556.55 PILE EL. 871.9

556.71

556.85 PILE EL. 872.0

556.41 ROCK EL. 865.9

556.51 ROCK EL. 864.6

556.34 ROCK EL. 864.4

556.81 ROCK EL. 864.6

556.98 ROCK EL. 866.9

556.7 PILE EL. 868.8 ROCK EL. 866.9

556.9

556.87 PILE EL. 867.6 ROCK EL. 865.0

557.1 PILE EL. 869.0 ROCK EL. 865.3

557.3 PILE EL. 870.9 ROCK EL. 867.3

557.5 PILE EL. 871.1 ROCK EL. 867.6

557.7 PILE EL. 871.3 ROCK EL. 868.7

557.9 PILE EL. 871.4 ROCK EL. 867.4

557.91

558.0 ROCK EL. 866.2

558.35 REV.

557.52 REF. ROCK EL. 867.6

558.55 REV. END STA. 45+59

556.20 PILE EL. 869.7 ROCK EL. 864.3

556.03 ROCK EL. 864.4

555.8 PILE EL. 867.4 ROCK EL. 865.9

555.65 ROCK EL. 865.7

555.37 ROCK EL. 863.7

556.25 REV. ROCK EL. 860.6 STA. 32+55

555.35 PILE EL. 869.0 ROCK EL. 865.0

555.2 ROCK EL. 863.3

555.0 ROCK EL. 863.3

554.67 ROCK EL. 863.1

554.6 ROCK EL. 863.0

554.9 PILE EL. 868.6 ROCK EL. 864.7

Banklines 9 Sept, 1968

REVET 558.35

REFUSAL DETAIL SCALE 1"=100'

GAGE 515.18

L-530.8 L-530.7 EL. 874.66 40'@ Sta. 145+00 N 36°00'-48.01' E

555.62-A REV. EL. 871.59

L-530.6 L-530.55= 4+40 L-530.45

L-531.0= 20123 L-531.2= 9102.5 L-531.5= 6149 L-531.65 L-531.7= 5122.5 L-531.9= 17168 L-532.0= 3108.5 L-532.05= 20151 L-532.1 EL. 872.73 L-532.2 2450 L-532.3= 8112 L-532.4 L-532.5= 8112 L-532.65 L-532.7= 7435 L-532.85= 5451 L-532.9= 15433.78

R-530.91 R-530.8= 14174.4 R-530.6= 14167 R-530.5 R-530.3= 28+25 R-530.1= 12+83 R-529.7= 7+80

L-531.1 L-531.3 L-531.4 L-531.5 L-531.6 L-531.7 L-531.75 L-531.81 L-531.86 L-531.93 L-532.05 L-532.10 L-532.15 L-532.25 L-532.3 L-532.41 L-532.85

L-531.26 L-531.28 L-531.35 L-531.39 L-531.42

L-530.91 L-530.86 L-530.81 L-530.8

L-531.05

NOTES:

1. WESTON IS THE ORIGIN OF THE GRID COORDINATE SYSTEM ALL AZIMUTHS ON THIS SHEET REFER TO TRUE SOUTH AS SHOWN GRID DIVERGENCE AS SHOWN ELEVATIONS REFER TO MEAN SEA LEVEL AS ZERO 0 1880 ADJUSTED MILEAGE 1880 MILEAGE SHOWN IN TITLE
2. △ 531.4 BEND CHANGE

SCALE 1 INCH = 400 FEET

400' 0 400' 800'

DATE	DESCRIPTION	MADE	APPR'D
	Revised to show latest field data		

REVISIONS

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

COMPILED BY M.E.B.
DRAWN BY C.M.N.
CHECKED BY O.C.S.
SUBMITTED BY: CHIEF, CHANNEL STAB. SEC.
RECOMMENDED: CHIEF, HYDRAUL. ENG. BRANCH
APPROVED: CHIEF, ENGINEERING DIVISION
DATE APRIL 1974
SCALE: AS SHOWN
FACTS
COL., C.E. DISTRICT ENGINEER
SHEET 8 OF 82
DRAWING NUMBER M400/6

MISSOURI RIVER
PONCA BEND TO RULO BEND
STRUCTURE 557.90 TO 554.60
HEMMIES BEND

MILE 516.2 TO 513.0 (1960)