WOODBURY COUNTY

IOWA

NEBRASKA

DAKOTA COUNTY

FLOYD BEND AREA
SITE 2

802.4-A
C.R.P. EL. 1075.6

802.55 REV.
C.R.P. EL. 1075.7 STA. 0+00

802.8-A

802.12
C.R.P. EL. 1078.2
PILE EL. 1083.9
ROCK EL. 1078.8

801.75 REV.
C.R.P. EL. 1075.0 STA. 0+00

802.4
C.R.P. EL. 1075.6
PILE EL. 1083.6
ROCK EL. 1079.6

802.8
C.R.P. EL. 1078.1
PILE EL. 1084.0
ROCK EL. 1080.1

803.0
C.R.P. EL. 1078.3
PILE EL. 1084.1
ROCK EL. 1080.8

803.2
C.R.P. EL. 1078.5
PILE EL. 1084.3
ROCK EL. 1080.5

803.4
C.R.P. EL. 1076.6
PILE EL. 1082.4
ROCK EL. 1080.8

803.5
C.R.P. EL. 1076.7
PILE EL. 1084.5
ROCK EL. 1080.4

803.6
C.R.P. EL. 1078.6
PILE EL. 1084.6
ROCK EL. 1080.9

803.7
C.R.P. EL. 1076.9
PILE EL. 1084.7
ROCK EL. 1081.0

803.9
C.R.P. EL. 1077.1
PILE EL. 1088.8

803.9-A REV.
C.R.P. EL. 1077.1 STA. 3+31

804.35 REF.
C.R.P. EL. 1077.6 STA. 0+40

804.9 REV.
C.R.P. EL. 1077.9 STA. 18+25
C.R.P. EL. 1077.3 STA. 38+00

804.79 REV.
C.R.P. EL. 1078.1 STA. 0+00

802.85
C.R.P. EL. 1078.2
ROCK EL. 1078.6

802.75
C.R.P. EL. 1076.0
ROCK EL. 1077.4

802.6
C.R.P. EL. 1075.8
ROCK EL. 1079.2

802.5-A
C.R.P. EL. 1078.7 STA. 0+00

802.5-B
C.R.P. EL. 1079.5
ROCK EL. 1077.9

802.0
C.R.P. EL. 1075.2
ROCK EL. 1077.6

801.8
C.R.P. EL. 1075.1

801.7
C.R.P. EL. 1075.0

802.1 REV.
C.R.P. EL. 1074.9 STA. 17+00

802.2
C.R.P. EL. 1075.3
PILE EL. 1080.6
ROCK EL. 1077.7

802.3
C.R.P. EL. 1075.4
PILE EL. 1080.6
ROCK EL. 1079.4

802.5
C.R.P. EL. 1075.7
PILE EL. 1081.0
ROCK EL. 1078.1

802.7
C.R.P. EL. 1075.9
PILE EL. 1082.8
ROCK EL. 1076.8

802.65
C.R.P. EL. 1075.1
PILE EL. 1083.0
ROCK EL. 1080.1

803.1
C.R.P. EL. 1078.3
PILE EL. 1083.1
ROCK EL. 1080.3

803.3
C.R.P. EL. 1078.5
PILE EL. 1083.1
ROCK EL. 1080.8

803.15
C.R.P. EL. 1078.4
ROCK EL. 1078.8

803.45
C.R.P. EL. 1076.7
ROCK EL. 1079.1

803.65
C.R.P. EL. 1076.8
PILE EL. 1085.3
ROCK EL. 1078.8

803.72
C.R.P. EL. 1078.8
ROCK EL. 1078.3

803.8
C.R.P. EL. 1077.0
PILE EL. 1085.5
ROCK EL. 1081.0

803.89
C.R.P. EL. 1077.1
ROCK EL. 1078.5

804.0
C.R.P. EL. 1077.2
PILE EL. 1085.7
ROCK EL. 1081.2

804.1
C.R.P. EL. 1077.3
PILE EL. 1085.9
ROCK EL. 1081.4

804.2
C.R.P. EL. 1077.5
PILE EL. 1086.0
ROCK EL. 1081.5

804.3
C.R.P. EL. 1077.6
PILE EL. 1086.1
ROCK EL. 1081.6

804.4
C.R.P. EL. 1077.8
PILE EL. 1086.3
ROCK EL. 1081.8

804.5
C.R.P. EL. 1077.9
PILE EL. 1086.3
ROCK EL. 1081.8

GAGE 729.03
C.R.P. EL. 1077.5
W.S. El. 1077.0
12 Sept. 1968

12 Sept. 68.
Banklines

SOCONY VACUUM OIL CO - LOT.
(For Survey Description of Markers and Monuments See File No. 5R. 21A4, 3/16/41)

N.E. Corner of Socony Vacuum Oil Co. (Bc West Rt. of Way C. Bc NW. R.R.

S.E. Corner Socony Lse Oil Co.

NORTHERN NATURAL GAS PIPE LINE LOT.
BIG SIOUX TERMINAL DOCK FACILITIES

TERMINAL GRAIN CORP. DOCK FACILITY

NORTHERN NATURAL GAS CO. SUBMARINE PIPELINE SEC.

T28N R5E

Section Line N.E. Sec. 2-T89

Cargill Future Expansion Site

Sioux City Material Yard

Structure Azimuth Line is Top of paving.

Dakota City Marina Ramp & Docking Facilities.

CHICAGO & NORTHWESTERN RAILROAD

PBM 392
EL. 1092.603
TOP OF CAP =
EL. 1096.835

L-1 Conc.
L-2 Conc.
L3 Conc.
L232 Conc.
R-211 Conc.
R-209 =401
R-201
R-203
R-203A Conc.
R-203B Conc.
L-203C Conc.
L-203D Conc.
L-203E Conc.
L-203F Conc.
L-203G+10+25.65 Conc. Dk. 802.0
L-203H Conc.
L-2031 Conc.
L-203J
R-1E Conc.
R-1C Conc.
R-1B Conc.
R-1A 161.13' Conc.
R-1X Conc.
R-2 Conc.
R-205
R-199
R-195
R-193
R-191
R-189
R-187
R-185
R-183
L-729.1

GRID DIVERGENCE 01°09'10.9"
TRUE SOUTH AT △ EMERSON

GRID DIVERGENCE +1°00'17.3"
TRUE SOUTH AT △ 400

GRID DIVERGENCE +0°09'00"
TRUE SOUTH AT △ EMERSON

GRID DIVERGENCE +1°00'17.3"
TRUE SOUTH AT △ 400

GRID DIVERGENCE +0°09'00"
TRUE SOUTH AT △ EMERSON

GRID DIVERGENCE = 0°50'.93"
TRUE SOUTH AT △ EMERSON

GRID CHANGE LINE

(WESTON ORIGIN)

(EMERSON ORIGIN)

NOTES:

△ EMERSON IS THE ORIGIN OF THE SOUTH & EAST GRID COORDINATE SYSTEM
△ WESTON IS THE ORIGIN OF THE NORTH & WEST GRID COORDINATE SYSTEM
ALL AZIMUTHS ON THIS SHEET REFER TO TRUE SOUTH AT △ AS SHOWN
GRID DIVERGENCE AS SHOWN
ELEVATIONS REFER TO MEAN SEA LEVEL AS ZERO
0 1980 ADJUSTED MILEAGE
1890 MILEAGE SHOWN IN TITLE
◇784◇ BEND CHANGE

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

GAGE DATA

Location	Reading	Discharge	C.R.P.	Date
Sioux City	3.2	32,000	-0.8	12 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	DESCRIPTION	MADE	APPD
	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: M.E.B.
TRACED BY: M.E.B.
CHECKED BY: G.C.S.

SUBMITTED BY: Chief, Channel Stab. Sec.
APPROVED: Chief, Col. Des. Branch
APPROVED: Chief, Engineering Division
APPROVED: Col., C.E., District Engineer

MISSOURI RIVER
HYDROGRAPHIC SURVEY
STRUCTURE 804.79 TO 801.75
FLOYD BEND

DATE: 12 SEPT. 1968

SCALE 1 INCH = 400 FEET
400 0 400 800 FEET

DRAWING NUMBER
MCC-18E68-82

MILE 729.4 TO 726.3 (1960)