



REVISIONS:
 September 7, 1934 to show Dikes 653.6, 653.4, 653.3, 653.2, 653.0, 653.0-A, 652.3, 652.0, 652.0-A, 651.4, 651.4-A, R.B. and Revetment 653.25 L.B. authorized for construction.
 October 1, 1934 showing strength and penetration of Dike 653.6, R.B. changed to conform to letter of even date.
 October 29, 1934 showing strength of Dike 653.6 R.B. changed to conform to letter of even date.
 November 20, 1934 showing changed penetration of Dikes 653.2 & 653.0 R.B., also changed layout of Dikes 651.4 & 651.4-A R.B. to conform to letters of even date.
 July 5, 1935 showing repair to Dike 652.0-A, R.B. to conform to letter of even date.
 July 22, 1935 showing Dike 651.4-A, R.B. rescinded by letter of even date.
 July 30, 1935 showing Dike 651.4, R.B. rescinded from sta 12195 to sta 16177, by letter of even date.

NEBRASKA

CONTRACTOR: W.A. ROSS CONSTRUCTION CO.
 GIBSON & MANAWA BENDS CONTRACT NO. W643 eng-62

36 PILE TERMINAL

STRUCTURE	NUMBER	LENGTH	AZIMUTH	STRENGTH	30' PENETRATION	ELEVATION ABOVE M. S. L.	M. L. W.	ALLOT. NO.
DIKE	653.6 R. B. # 1215'	SEE DIKE	SEE DIKE	SEE DIKE	SEE DIKE	973.0	956.1	7021
DIKE	653.4 R. B. # 630'	189° 41'	3 ROW-18' CTRS.	STA. 0+15 TO STA. 4+70	SEE DIKE	973.0	957.9	7021
DIKE	653.3 R. B. # 755'	189° 41'	3 ROW-18' CTRS.	STA. 0+20 TO STA. 3+85	SEE DIKE	972.5	957.8	7021
DIKE	653.2 R. B. # 935'	187° 53'	3 ROW-18' CTRS.	SEE DIKE	SEE DIKE	972.0	957.6	7021
DIKE	653.0 R. B. # 1145'	186° 41'	3 ROW-18' CTRS.	SEE DIKE	SEE DIKE	972.0	957.4	7021
TRAIL	652.0-A R. B. # 3150'	256° 26'	SEE DIKE	STA. 3+30 TO STA. 31+50	SEE DIKE	972.0	957.4	7021
DIKE	652.2 R. B. # 1745'	181° 45'	3 ROW-18' CTRS.	SEE DIKE	SEE DIKE	970.0	956.8	7021
DIKE	652.0 R. B. # 1810'	183° 15'	SEE DIKE	SEE DIKE	SEE DIKE	969.0	956.4	7021
TRAIL	652.0-A R. B. # 2650'	263° 00'	SEE DIKE	SEE DIKE	SEE DIKE	969.0	956.4	7021
DIKE	651.4 R. B. # 1283'	199° 16'	SEE DIKE	SEE DIKE	SEE DIKE	967.0	955.6	7021
PILE REVET.	653.25 L. B. # 10,000'					972.7	957.7	7021

Δ Weston is the origin of coordinate system.
 All azimuths on this sheet referred to true South at Δ Bluffs.
 Grid divergence = 0° 36' 30.2"
 Soundings taken Sept. 22-23, 1931.
 Danklines & Bars Sept. 22-23, 1933.
 Elevations referred to Mean Sea Level as zero.
 River stage - below M.L.W. Sept. 22 = 0.5', Sept. 23 = 0.9' above.
 River stage - below 1830 L.W.P. Sept. 22 = 1.1', Sept. 23 = 1.3'.

* Length includes 80' Special Root F.
 † Length includes 175' Special Root F.
 ‡ Length includes 180' Special Root F.
 § Length includes 190' Special Root F.
 ¶ Length includes 145' Special Root F.

MISSOURI RIVER
 ST. JOSEPH, MO. TO FLORENCE, MO.
 TOPOGRAPHIC SURVEY
 MILE 652.1 TO MILE 652.3

In 72 Sheets Sheet No. 66

U.S. Engineer Office, Kansas City, Missouri

Submitted: [Signature] Approved: [Signature]

Transmitted with File No. 256-56