PLAN FOR

STORM WATER SEWER NO. 71

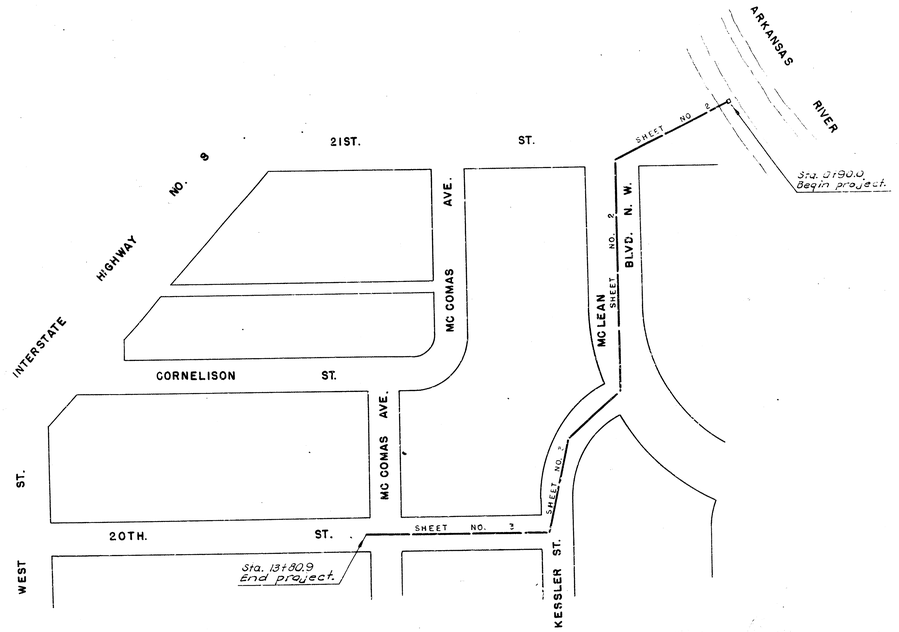
CITY OF WICHITA, KANSAS

B. E. SMITH CITY ENGINEER

PROJECT NO. C21-16

Survey by J. Y. Bk. No. 204-Y
Plan by J. W. Date: July 1963
Checked by

SCALE 1" = 100'



STORM WATER SEWER NO. 71
PROJ. NO. C21-16
SHEET 1 OF 4

ARKANSAS RIVER

N

Sta. 0+90.0 Outfall Structure. Begin Project. See outfall structure detail sheet No. 4.

Rip-rap

Fence

Replace fence

Pave mat cut with asphaltic conc. 4" thick.

21ST. ST.

Sta. 3+28.2 Const. Std. M.H. See lead detail sheet No. 4.

Sta. 7+40.2 Const. Std. M.H. See lead detail sheet No. 4.

McLEAN BLVD. N.W.

KESSLER ST.

246.47'

247.43'

148.94'

45'

10'

100'

65°-39'

50°-20'

St. No. 204-Y

B. M. Step bench E. S. P. Pole E.L. West St. & 20th St.

B. M. 138.42 S.W. cor. conc. walk S.S. porch Ho. S.E. McComas & 20th.

Plan Scale 1" = 50'
Profile Scale 1" = 10'

ARKANSAS RIVER

Sta. 0+90.0 Outfall Structure. Invert 124.16 C.M.P. Sta. 1+28.2 Const. Std. M.H.

Sta. 3+28.2 Const. Std. M.H.

Sta. 7+40.2 Const. Std. M.H.

River bank

A.C. mat

Natural ground

129.50 Top M.H.

129.90 Top Cl.H.

24" R.C.P. @ 0.70 %

24" R.C.P. @ 0.60 %

NOTE: Rip-rap outfall

117.39 Flo out 24" R.C.P.

117.95

118.66

119.36

119.56 Flo in & Flo out

119.99

120.59

121.19

121.79

122.03 Flo in & Flo out

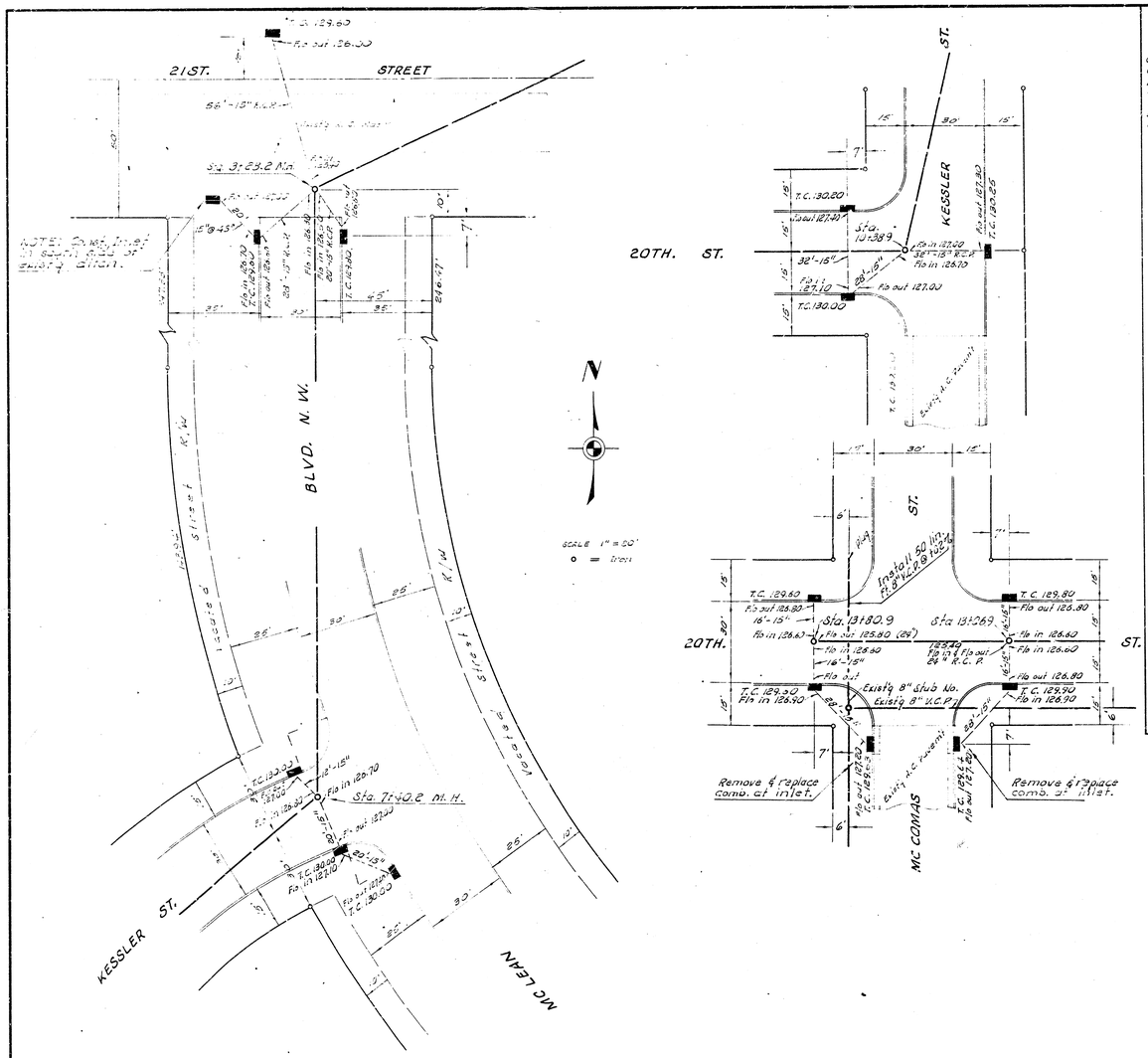
130

120

110

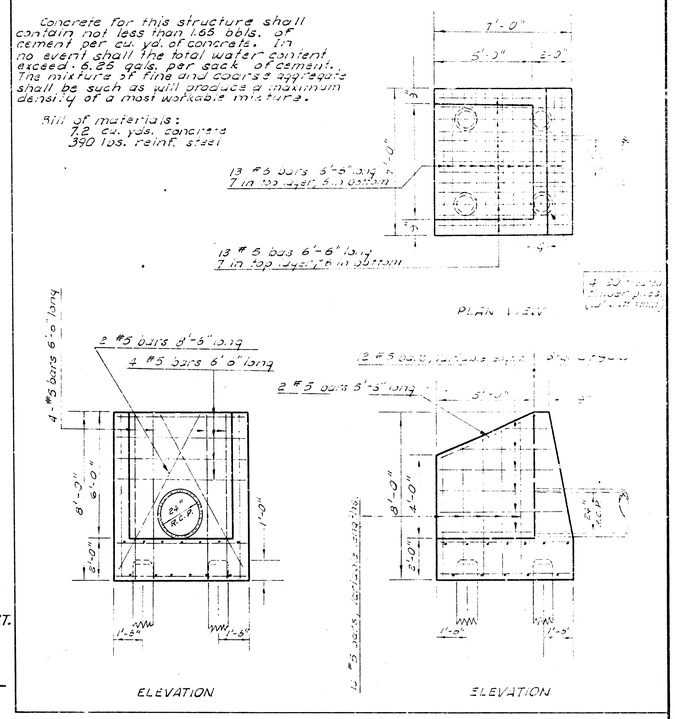
0 1 2 3 4 5 6 7

STORM WATER SEWER NO. 71
PROJ. NO. C21-16
SHEET 2 OF 4



Concrete for this structure shall contain not less than 1.65 bbls. of cement per cu. yd. of concrete. In no event shall the total water content exceed 6.25 gals. per sack of cement. The mixture of fine and coarse aggregate shall be such as will produce a maximum density of a most workable mixture.

Bill of materials:
7.2 cu. yds. concrete
390 lbs. reinf. steel



NOTE:

Flush all backfill. If excavated material is not suitable for backfill, sand fill is to be used. Bid price of sand fill does not include cost of flushing where sand fill is used.

Rip-rap, Asphalt mat removal, and fence removal and replace are non-bid items incidental to the contract.

STORM WATER SEWER NO. 71
PROJ. NO. C21-16
SHEET 4 OF 4

Bk. No. 204-Y

20TH ST.

360'

McCOMAS AVE.

McLEAN BLVD.

KESSLER ST.

Sta. 10+38.9 Const. Std. M. H. See lead detail Sheet No. 4

Sta. 13+06.9 Const. Std. M.H. See lead detail Sheet No. 4

Sta. 13+30.9 Const. Std. M.H. End project. See lead detail Sheet No. 4.

Sta. 9+69.1 Const. Std. M.H.

Sta. 7+40.2 Continued from Sheet No. 2

B. M. 132.87 S. W. cor. conc. walk S. S. porch No. S.E. McComas & 20th

Plan Scale 1" = 40' Horiz.
Profile Scale 1" = 40' Horiz.
1" = 4' Vert.

Sta. 7+40.2

Sta. 8+69.1 Const. Std. M.H.

Sta. 10+38.9 Const. Std. M.H.

Sta. 13+06.9 Const. Std. M.H.

Sta. 13+30.9 Const. Std. M.H. End project.

Natural ground

129.80 Top M.H.

129.90 Top M.H.

129.64 Top M.H.

129.40 Top M.H.

24" R.C.P. @ 0.60%

24" R.C.P. @ 0.60%

24" R.C.P. @ 0.60%

24" R.C.P. @ 0.50%

130

120

122.03

122.39

122.80 Flo in & Flo out

125.39

123.59

123.82 Flo in & Flo out

124.19

124.79

125.89

125.93 Flo in & Flo out

125.80 Flo out

7 8 9 10 11 12 13

STORM WATER SEWER NO. 71
PROJ. NO. C21-16
SHEET 3 OF 4