B.M. 13.35' South rim exist. M.H. Sta. 0+00 Line No. 1.

Sta. 2+05 Line No. 1 Constr. Std. Brick Manhole Type A on exist. 6" C.I. sewer. Plug exist. 6" sewer east.

Note: Contractor to excavate manhole at sta. 0+00 Line No. 2 so that field engineer can verify elev. of exist. sewer prior to staking.

Sta. 2+54 Line No. 2. Constr. Std. Brick Manhole, Type A. Install 40 L.F. 8" cast iron pipe N.W. to exist. manhole.

Bldg. 3

Bldg. 2

Bldg. 5

Bldg. 9

Exist. M.H.

Exist. 6" Sew.

Plug exist. sewer.

Sta. 3+96 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" sewer. Plug exist. sewer N.E.

Install wyes for temp. hookup of exist. sewers to new sewer.

Line No. 1

Line No. 2

Exist. M.H.

Exist. 6" Sew.

Exist. M.H.

Exist. 8" V.C.P.

S.L. & S.F. R.R. R/W (Vacated Washington)

Exist. 8" Sewer

Sta. 0+00 Line No. 1 Exist. Manhole.

Plug 6" sewer west.

Sta. 0+00 Line No. 2. Constr. Std. Brick Manhole Type A on exist. 8" sewer.

Sta. 0+90 Line No. 2. Constr. Std. Brick Manhole Type A.

37th St. North

Scale 1" = 50'

NOTE TO CONTRACTOR

This project will be constructed under the supervision of the CITY ENGINEER and conforming to the SPECIFICATIONS of the CITY OF WICHITA. The Contractor will reimburse the City of Wichita for all cost of Engineering, Plans, and Inspection.

Plan Scale 1" = 50'
Profile Scale Horz. 1" = 40'
Vert. 1" = 4'

Sta. 0+00 Line No. 1 Exist. Manhole.

Sta. 2+05 Line No. 1 Constr. Std. Brick Manhole Type A.

Sta. 0+00 Line No. 2 Constr. Std. Brick Manhole Type A on exist. 8" Sewer.

Sta. 0+90 Line No. 2 Constr. Std. Brick Manhole Type A.

Sta. 2+54 Line No. 2 Constr. Std. Brick Manhole Type A.

Sta. 3+96 Line No. 2 Constr. Std. Brick Manhole Type A on exist. 8" Sewer.

254 L.F. 8" Cast Iron Pipe @ 0.039%

142 L.F. 8" Cast Iron Pipe @ 0.5%

Exist. Ground

Exist. Ground

Exist. 6" Sew.

Sand Fill or Flush

Line No. 2

Sand Fill or Flush

Line No. 1

205 L.F. 8" Cast Iron Pipe @ 0.5%

130

125

0+00 Flow Out = 125.53
Flow In = 124.00

1+00 Flow = 127.50

2+05 Flow Out = 126.02
Flow In = 127.70

0+00 Flow = 127.28

0+90 Flow = 127.32
1+00 Flow = 127.32

2+00 Flow = 127.36

2+54 Flow Out = 127.38
Flow In = 127.48

3+00 Flow = 127.71

3+96 Flow Out = 128.19
Flow In = 129.50

COLEMAN NORTH PLANT PRIVATE SEWER

CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER
PRIVATE CONTRACT
DATE:

Surv. Proj. # K-100
Surv. J. Kringle
Field D. Cramer
Eng.
Drawing

N

30' Perm. Easmt.

40'

100'

W. B. CARTER

ST.

HOOVER

9

1

5

ADDN.

STA. 1+14 CONST. STD. M.H. TYPE "A" INSTALL 8" CLAY PIPE STUB N.

STA. 0+00 EXIST. M.H. EXIST. 8" W/INLET IN RISER

Total 40.5 Cast Iron

8" Perm. Const. Encasement

50 Lin. Ft. Steel Casing

8" Perm. Const. Encasement

WICHITA - VALLEY CENTER FLOW N.W. R/W

Nat. Ground

Undisturbed Earth

Pressure grout using a cement-grout of one part to six parts.

20" ϕ Steel Casing

Shape C.I.P. to creosoted wood skids

TUNEL SECTION
No Scale.

Note: Steel casing to be installed by augering & jacking method. Used steel casing may be used with the approval of the field Engineer

110

E. Rim Exist. M.H. 106.80

8" Vent Pipe (Common w/gas)

Exist. Ground

8" Perm. Concrete

STA. 1+14 CONST. STD. M.H. TYPE "A" INSTALL 8" CLAY PIPE STUB N.

100

8" Vent 100.91

8" Stub. N. in 101.01

100.80

90

Exist. 8" Stub in Riser

114 LIN. FT. 8" C.I.P. @ 0.80% GRADE

17 LIN. FT. 8" REINF. CONC. ENCASEMENT

50 LIN. FT. 20" ϕ STEEL CASING

97 LIN. FT. 8" REINF. CONC. ENCASEMENT

0 1

DEAN S. SELLERS 3683 KANSAS REGISTERED ENGINEER

PART OF LAT. 37, S.W. INTERCEPTOR
CITY OF WICHITA, KANSAS
B. E. SMITH, CITY ENGINEER

DATE: 9-11-70