SCALE:

PLAN: LAT. & LONG. 0 20 40

PROFILE: HORIZ. SAME AS ABOVE

VERT.

SEE SHEETS NO. 51–55 FOR PAVEMENT REMOVAL AND REPLACEMENT LIMITS, ESTIMATED QUANTITIES, AND DETAILS.

N: 1,680,021.2768, E: 1,656,600.9756
Sta. 86+01.0
MH 21

Contractor shall excavate existing waterline and report the horizontal and vertical location to the Engineer. Contractor shall relocate existing waterline to achieve 10' horizontal separation from proposed manhole. Contractor shall use clean, swabbed pipe and provided fittings and adaptors as required for this relocation. All items associated with this work shall be included in the Lump Sum bid item "Waterline Relocation near MH 21".

CAUTION !!! 12" Waterline (City of Wichita)

CAUTION !!! Buried Fiber Optic (LightCore)

CAUTION !!! Buried Electric (Westar Energy)

CAUTION !!! Buried Telephone (AT&T) (Fiber Optic)

CAUTION !!! Buried Telephone (AT&T)

Remove small diameter tree.

Remove and Replace 20 L.F. 5'x8' SWS Pipe with Precast RCB cast-in-place collars. Replace 24" RCP and Manhole in kind. Cost shall be considered subsidiary to the "RCB Removal and Replacement".

CAUTION !!! 8' x 5' RCB Storm Water Sewer

N: 1,680,354.2370, E: 1,656,601.7754
Sta. 89+34.0
Const. MH 22
Standard MH (6' Dia.)

Concrete Sidewalk
Sign
Concrete
WV
SCHWEITER CT
Concrete Sidewalk
5' Bush row
41°34'30"
12" Mul
8" Bush
1/2" Bar
Overhead Electric (High Voltage) (Westar Transmission)
12" Ash
25
20" Ash
12" Cap
TMKR
12" Ash
12" Waterline (rec. info.)
SWS
8'x5' RCB
24" RCP
9°34'20"
Wrought Iron
Concrete
24"

Remove Bushes/Shrubs as necessary for construction. Cost Subsidiary to "Site Clearing".

Remove large diameter tree.

Install 333.0 L.F. 48" Pipe

Install Erosion Control 380 L.F. Silt Fence

Install Erosion Control Inlet Protection (typ.) 1 Location this sheet.

SANITARY SEWER LINE NO. 1

34.2 L.F. Jetted Sand Backfill (Sta. 86+01.0 to Sta. 86+35.2)

40.0 L.F. Jetted Sand Backfill (Sta. 86+80.0 to Sta. 87+20.0)

MH 21
Top Elev.= 1289.0
Exist. 12" Waterline
Top of Pipe= 1280.82

Buried Fiber Optic
Buried Electric
Buried Telephone (Fiber Optic)
Buried Telephone

8' x 5' RCB SWS
E= 1279.28

MH 22
Top Elev.= 1293.7

Existing Ground

℄ Out= 1273.76
℄ In= 1273.86

333.0 L.F. 48" Pipe
@ 0.04%

℄ Out= 1274.01
℄ In= 1274.11

1305 1300 1295 1290 1285 1280 1275 1270 1265

85+00 86+00 87+00 88+00 89+00

RELOCATION OF SANITARY SEWER NO. 23
PHASE 2: KELLOGG/GROVE TO PAWNEE/I-135

SANITARY SEWER LINE NO. 1

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA, PROJECT NO. 468-84375

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316.262.2691 • FAX 316.262.3003

Job No. 35-07600-001
Date AUGUST 2008
Designed By MDK, EJB
Drawn By CSL, JAN

PLAN | CHECKED | CHECKED | BY | DATE

PROFILE | CHECKED | CHECKED | BY | DATE

Saved 03-09-2010 2:08:32 PM by CSL
Plotted 03-09-2010 2:10:07 PM by CSL
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