N: 1,683,822.9330, E: 1,654,611.4133
Sta. 10+00.0.
Replace existing 8" SS Pipe with New 8" HDPE Pipe. Core existing concrete MH wall if necessary and Install New 8" Pipe. Seal new 8" Pipe to MH and seal any voids with an approved waterstop gasket and non-shrink grout. Construct a minimum of 3' Reinforced Concrete Encasement from MH wall. This work shall be considered subsidiary to the price bid for pipe in place.

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

CAUTION !!!
Prop. 48" Water Main

CAUTION !!!
18" RCP
Storm Water Sewer

CAUTION !!!
6" Steel Gas Line
(Black Hills Energy)

CAUTION !!!
3" Gas Line
(KGS)

N: 1,683,820.8125, E: 1,654,398.4831
Sta. 12+12.9
Const. MH 1
Standard MH

N: 1,683,818.2833, E: 1,654,378.1306
Remove Existing MH per City of Wichita Standards.
Remove 233 L.F. of Existing 8" Pipe (E)

N: 1,683,836.0131, E: 1,654,360.2240
Sta. 12+54.1
Const. MH 2
Standard MH

CAUTION !!!
Prop. 8" Waterline

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

CAUTION !!!
24" VCP
Storm Water Sewer

CAUTION !!!
2" Gas Line
(KGS)

N: 1,683,811.9092, E: 1,654,148.4780
Remove Existing MH per City of Wichita Standards.
Remove 230 L.F. of Existing 8" Pipe (E)

N: 1,683,828.2721, E: 1,654,134.3218
Sta. 14+80.1
Const. MH 3
Standard MH

WATERLINE NO. 1
See sheet no. 12

Remove large diameter tree.

Note: Eliminated 4" Cleanout Assembly and service connection to 8" SS at Sta. 14+60. Vacant lot and no existing service.

Install 4" Cleanout Assembly and Reconnect Sanitary Sewer Service to New Main.

Remove and replace 8 S.Y. Concrete Drive.

Remove and replace 58 L.F. Concrete Sidewalk.

Remove and replace Wheelchair Ramp

Remove and replace 35 L.F. Concrete Pavement.

Remove and replace Wheelchair Ramp

Remove and replace 67 L.F. Concrete Sidewalk.

Install 4" Cleanout Assembly and Reconnect Sanitary Sewer Services to New Main.

Install 41.2 L.F. 8" HDPE DIPS DR 21 Pipe

Install 4" Cleanout Assembly and Reconnect Sanitary Sewer Service to New Main.

Install 212.9 L.F. 8" HDPE DIPS DR 21 Pipe

Remove and replace 222 L.F. Concrete Pavement.

Remove and replace 10 S.Y. Concrete Drive.

Install 226.0 L.F. 8" HDPE DIPS DR 21 Pipe

Install 4" Cleanout Assembly and Reconnect Sanitary Sewer Service to New Main.

SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT. 0 5

HYDRAULIC STREET
BURR'S ADDITION
GREENWOOD STREET
LEWIS STREET

X = Denotes Pipe/Manholes to be removed

LEWIS STREET SS RELOCATION

Existing MH
Top Elev.= 1293.41
℄ Out= 1283.41
℄ In= 1284.73

Exist. 6" Waterline
Top. of Pipe= 1289.76

Prop. 48" Water Main
Top. of Pipe= 1283.84

18" RCP SWS
℄= 1286.82

Exist. San. Sewer Service Line

6" Gas Line
Top. of Pipe= Depth Unknown

3" Gas Line
Top of Pipe= 1289.65

Exist. San. Sewer Service Line

MH 1
Top Elev.= 1292.64 1292.38

Exist. San. Sewer Service Line

MH 2
Top Elev.= ~~1293.3~~ 1293.18

Prop. 8" Waterline
Top of Pipe= 1288.46

Exist. 8" Waterline
Top of Pipe= 1289.14

24" VCP SWS
℄= 1287.61

2" Gas Line
Top of Pipe= 1289.78

Exist. San. Sewer Service Line

Exist. San. Sewer Service Line

MH 3
Top Elev.= 1293.0

Existing Ground

℄ In = 1285.51
from Exist. 8" Pipe (W)

℄ In = 1283.41
from Exist. 27" Pipe (N)

℄= 1285.03
212.9 L.F. 8" Pipe
@ ~~0.30%~~ 0.24%

℄= 1285.53
1285.24
℄= 1285.37
41.2 L.F. 8" Pipe
@ ~~0.30%~~ 0.24%
℄= 1285.49 1285.34

℄= 1285.63

℄= 1285.93
226.0 L.F. 8" Pipe
@ ~~0.30%~~ 0.20%

℄= 1286.17 1285.79

1310 1305 1300 1295 1290 1285 1280 1275 1270

10+00 11+00 12+00 13+00 14+00

SOUTHEAST 48" WATERLINE – PHASE 2A
LEWIS/IDA TO LEWIS/GREEN

LEWIS STREET SS RELOCATION

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA, PROJECT NO. 448-90417

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

Designed By MDK, EJB
Drawn By JAN
Job No. 35-07704-000
Date March 2008

Sheet 25 of 38

PLAN / PROFILE
BY | DATE
CHECKED
CHECKED

Saved: 02-03-2009 10:40:22 AM by JAN
Plotted: 02-03-2009 10:42:09 AM by JAN
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