B.L. 1 Sta. 12+06.26, 29.58 Lt.
PIN @ NE Prop Corner
1761 N Arkansas Ave

B.L. 1 Sta. 12+12.28
23.92' S of CL 17th Street

W.L. Sta. 7+04.18 Line 1 =
B.L. Sta. 12+22.77 Back, 27.00' Rt.
Deflect Pipe 2°12'59" Up

Install 46.60 L.F. 8" Pipe

B.L. 1 Sta. 12+67.87
29.82' N of CL 17th Street

Remove & Replace In Kind
Sidewalk As Necessary
For Water Main Construction.

Note:
See Water Meter
Table For Service
Locations.

0 10 20
SCALE:
1" = 20' Horizontal
1" = 5' Vertical

CAUTION
Existing
2"AquilaGas
Adjacent

W.L. Sta. 6+65.66 Line 1 =
B.L. Sta. 11+84.24, 27.00' Rt.
Deflect Pipe 1°16'10" Dn

CAUTION
Existing
2" KGS Gas
Crossing

CAUTION
Existing
2" Water
Crossing

CAUTION
Existing
8" SS
Crossing

CAUTION
Existing
GSL
Crossing

Remove & Replace Sidewalk &
Wheel Chair Ramp As Necessary
For Water Main Construction.

CAUTION
Existing
2"AquilaGas
Adjacent

CAUTION
Existing
GSL
Crossing

Note:
See Water Meter
Table For Service
Locations.

1753 1757 1761 1802 1804 1812 1820 1826 1830 1834 1838

5+00 6+00 7+00 8+00 9+00 10+00 11+00 12+00 13+00 14+00 15+00 16+00

ARKANSAS
LINE 1

ARKANSAS
LINE 2

LINE 1A

2" KGS Gas
8" Ex SS
2" Ex Wtr
2" AquilaGas
PROP 20" WATER
PROP 8" WATER
CROSS
OHE
TSign
Conc. Pvmt.
SL=CL=BL1
CL=BL1
5449-340 SSMH 307.46 RIM 300.10 (NS)
1307.11 RIM 1299.81 (SW) 5449-339 SSMH
1307.12 RIM 1299.80 (EW) 5449-338 SSMH
Ret Wall
Knp
LP

Abandon Existing 2" Water Line in Place in Accordance with City of Wichita Specs. Seal Both Ends. All Services Must Be Connected To New Main Prior to Abandonment.

W.L. Sta. 5+31.42 Line 1 =
B.L. 1 Sta. 10+50.00 =
Match Point.

Install 134.24 L.F. 8" Pipe

Install 30.48 L.F. 8" Pipe

W.L. Sta. 7+42.72 Line 1 =
W.L. Sta. 0+00.00, Line 1A =
B.L. 1 Sta. 12+61.30 Back, 27.00' Rt.
Deflect Pipe 0°56'49" Dn
Install 1-8"x8" CIMJ Tee (S)
Install 1-8" Anch Valve Assy. (Gate Valve)(S)
Valve Box Elev. = 1307.27 Top
Install 1-8" Valve Assy. (Gate Valve)(W)
Valve Box Elev. = 1307.32 Top

W.L. Sta. 7+57.13, Line 1 =
B.L. 1 Sta. 12+63.04 Ahead, 27.00' Rt.
Install 1-8"x 90° CIMJ Bend (N)
Extend 8" Water Line North

Install 14.41 L.F. 8" Pipe

Proposed Drilling Area

B.L. 1 Sta. 12+68.04, 29.96 Rt. =
B.L. 2 Sta. 51+02.30, 29.90 Lt.
IRON @ NE Prop Corner
Arkansas Ave & 17th Street

Trees and shrubs which are not in direct conflict with Water Main Construction shall be saved and protected from damage. Trim trees and shrubs as necessary.

Install 386.95 L.F. 8" Pipe

Abandon Existing 2" Water Line in Place in Accordance with City of Wichita Specs. Seal Both Ends. All Services Must Be Connected To New Main Prior to Abandonment.

W.L. Sta. 11+44.08 Line 1 =
B.L. 1 Sta. 16+50.00 =
Match Point.

Benchmark

BM #2 -Brass Rod in Concrete Post in Water Meter Box Located at the NE Corner of the Intersection of 17th Street & Arkansas Ave. Elev. 1306.45

W.L. Sta. 5+31.42 Line 1 =
B.L. 1 Sta. 10+50.00 =
Match Point.

W.L. Sta. 6+65.66 Line 1 =
B.L. Sta. 11+84.24, 27.00' Rt.
Deflect Pipe 1°16'10" Dn

W.L. Sta. 6+96.12 Line 1 = B.L. Sta. 12+14.71 Back, 27.00' Rt.
Deflect Pipe 2°12'59" Up

W.L. Sta. 7+42.72 Line 1 =
W.L. Sta. 0+00.00, Line 1A =
B.L. 1 Sta. 12+61.30 Back, 27.00' Rt.
Deflect Pipe 0°56'49" Dn
Install 1-8"x8" CIMJ Tee (S)
Install 1-8" Anch Valve Assy. (Gate Valve)(S)
Install 1-8" Valve Assy (Gate Valve)(W)

W.L. Sta. 7+57.13, Line 1 =
B.L. 1 Sta. 12+63.04 Ahead, 27.00' Rt.
Install 1-8"x 90° CIMJ Bend (N)
Extend 8" Water Line North

W.L. Sta. 11+44.08 Line 1 =
B.L. 1 Sta. 16+50.00 =
Match Point.

2" KGS Gas
2" Wtr (Verify)
Ex. 8" SS
Ex. GSL
Exist. Grade or CL of Pipe

1310 1305 1300 1295 1290

LINE 1

1303.60 = T.P.
1303.61 = T.P.
1303.68 = T.P.
1303.74 = T.P.
1303.76 = T.P.
1303.08 = T.P.
1303.15 = T.P.
1303.85 = T.P.
1303.87 = T.P.
1303.92 = T.P.
1303.98 = T.P.
1304.04 = T.P.
1304.10 = T.P.
1304.16 = T.P.
1304.22 = T.P.
1304.29 = T.P.
1304.34 = T.P.

5+31.42 6+00 6+65.66 6+96.12 7+00 7+42.72 7+57.13 8+00 9+00 10+00 11+00 11+44.08

Drawing File: E:\\Arkansas Ave Water Lines\Land\Dwg\Base Wtr Line 1.dwg

Design: JFB
Drawn: TCA
Approved: JFB
Scale: NOTED

Project No. 05-10-E392 CAPITAL IMPROVEMENT PROJECT

ARKANSAS AVE. WATER MAIN REPLACEMENT
Line 1, W.L. Sta.5+31.42 to W.L. Sta. 11+44.08

ARKANSAS AVE., SOUTH OF 16 TH TO NORTH OF 20 TH

March, 2006

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ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE