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

CAUTION
Existing GSL Crossing

CAUTION
Prop SWS RCB Crossing

CAUTION
Existing 18" SWS Crossing

CAUTION
Existing UGAT&T Crossing

CAUTION
Existing 8" Gas Crossing

CAUTION
Existing 12" Gas Crossing

CAUTION
Existing 12" Water Crossing

CAUTION
Existing 4" Gas Crossing

CAUTION
Prop 42" SWS Crossing

CAUTION
Prop 18" SWS Crossing

CAUTION
Existing OHE Crossing

CAUTION
Existing UGAT&T Crossing

Center Line West Street & Second Street E

Close Valve, Remove & Salvage Valve Box. Deliver to City of Wichita. Cap Valve with Conc.

Install 94.06 L.F. 8" Pipe

W.L. Sta. 0+94.06 Line 6 =
B.L. 4 Sta. 30+45.77, 4.00' Rt.
Install 1–8" 45° CIMJ Bend (Up)

Install 8.33 L.F. 8" DICL Pipe

W.L. Sta. 0+99.95, Line 6 =
B.L. 4 Sta. 31+36.65, 4.00' Rt.
Install 1–8" CIMJ 45° Bend (Dn)

Install 107.92 L.F. 8" Pipe

Install 1–2" Custom Set & Service
Reconnect Water Service
Valve Box Elev. = 119.07
Remove Existing Vault

Valve with Conc. Install 1–2" MJ Cap
On Service Branch

Install 87.58 L.F. 8" Pipe

W.L. Sta. 2+95.45, Line 6 =
B.L. 4 Sta. 32+47.15, 4.00' Rt.
Install 1–8" CIMJ Tee (S)
Install 1–8" Anchor Valve Assy (Gate Valve) (S)
Install 3' L.F. 8" DICL Pipe (E)
Install 1–2" Blowoff Assy (E)
Extend 8" Water Main South
Valve Box Elev. 119.19 Top

Install 8.21 L.F. 8" DICL Pipe Swabbed with Chlorine

W.L. Sta. 00+00.00, Begin Line 6 =
W.L. Sta. 28+22.58, Line 1 =
B.L. 4 Sta. 29+51.72, 4.00' Rt.
Connect to Valve of Line 1 (E)
Extend 8" Water Main East.

Close Valve, Remove & Salvage Valve Box. Deliver to City of Wichita. Cap Valve with Conc.

Abandon Existing 8" 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. 3+03.66, End Line 6 =
B.L. 4 Sta. 32+47.15, 12.21' Rt.
Install 1–8" 90° CIMJ Bend (E)
Conn. to Exstg 8" Water Line (E)
Install 1–8" MJ Cap (W)

Benchmark

BM #4 – "□" on Concrete Next to Walk 10.0' E. of the S.E. Corner Bldg. #215, Bosley Tire (West St.) Elev. = 118.95' City Datum

BM #5 – City Disc 34.0' W. and 18.0' S. of ℄ of Both 2nd St. and West St. Elev. = 118.87' City Datum

Exstg R/W = 35' SL

Exstg R/W = 40' SL

WEST ST

SECOND

LINE 1

LINE 6

30+00

31+00

32+00

36+00

CL = BL4

42' to FACE OF CURB

Center Line West Street & St Louis E

B.L. 1 Sta. 49+60.13 = THIMBLE @ Intersection of Center Line West Street & St Louis W

Water Line Relocation # 2

W.L. Sta. 0+28.00, Line 7 =
B.L. 1 Sta. 50+21.62, 62.00' Rt.
Tap Existing 24" Water Line
1–24 x 8" Tapping Sleeve
1–8" Tapping Valve w/Valve Box
Valve Box Elev. = 119.37 Top
To Be Furnished & Installed By City of Wichita Water Dept.

Close Valve, Remove & Salvage Valve Box. Deliver to City of Wichita. Cap Valve with Conc.

Abandon Existing 8" 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. 0+00.00, Begin Line 7 =
B.L. 1 Sta. 49+93.62, 62.00' Rt.
Install 1–8" 90° CIMJ Bend (E)
Conn. to Exstg 8" Water Line (E)
Install 1–8" MJ Cap (W)

Install 28.00 L.F. 8" Pipe Pipe Swabbed with Chlorine

Benchmark

BM #6 – "□" on Concrete Walk 2.0' E. of the N.E. Step at the S.E. Corner Bldg. #341 (West St.) Elev. = 121.40' City Datum

BM #7 – "□" on Top of Walk 8.0' W. of the N.E. Corner Bldg. #540 (West St.) Elev. = 121.78' City Datum

WEST ST

LINE 1

LINE 7

42+00

50+00

0+00

W.L. Sta. 0+00.00, Begin Line 6 = 108.65 = T.P.(12") 108.48 = T.P.(8") 0+00
W.L. Sta. 28+22.58, Line 1 = 108.48 = T.P. 0+50.00
B.L. 4 Sta. 29+51.72, 4.00' Rt.
Connect to Valve of Line 1 (E)
Extend 8" Water Main East.
Ex. 12" Gas (Verify)
Prop. RCB
Ex. 24" SWS
Ex. UG SBC Duct(s)
Ex. 12" Water (Verify) 108.48 = T.P.
Ex. UG AT&T (Verify) 114.37 = T.P.
Ex. 8" Gas (Verify)
Ex. UG SBC Duct(s)
Ex. 4" Gas (Verify)
Ex. UG AT&T (Verify)
Prop. 42" SWS
Ex. UG AT&T Duct
Ex. UG AT&T (Verify)
Ex. 12" Gas (Verify)
W.L. Sta. 0+94.06 Line 6 = 108.48 = T.P. 0+94.06
B.L. 4 Sta. 30+45.84, 4.00' Rt.
Install 1–8" 45° CIMJ Bend (Up)
W.L. Sta. 0+99.95, Line 6 = 114.37 = T.P. 0+99.95
B.L. 4 Sta. 31+36.65, 4.00' Rt.
Install 1–8" CIMJ 45° Bend (Dn)
Exist. Grade on CL of Pipe
Propt. Grade on CL of Pipe
W.L. Sta. 1+90 PVI
Prop. 15" SWS 114.59 = T.P. 0+90
Ex. UG AT&T (Verify) 114.70 = T.P.
W.L. Sta. 2+07.87, Line 6 = 115.27 = T.P. 2+07.87
B.L. 4 Sta. 31+59.57, 4.00' Lt.
Install 29.00 L.F. 2" Pipe
Install 1–2" Custom Set & Service
Reconnect Water Service
W.L. Sta. 2+95.45, Line 6 = 115.80 = T.P. 2+95.45
B.L. 4 Sta. 32+47.15, 4.00' Rt.
Install 1–8" CIMJ Tee (S)
Install 1–8" Anchor Valve Assy(S)
Install 3' L.F. 8" DICL Pipe (E)
Install 1–2" Blowoff Assy (E)
Extend 8" Water Main South
W.L. Sta. 3+03.66, End Line 6 = 115.80 = T.P. 3+03.66
B.L. 4 Sta. 32+47.15, 12.21' Rt.
Install 1–8" 90° CIMJ Bend (E)
Conn. to Exstg 8" Water Line East
Install 1–8" MJ Cap (W)

LINE 6

W.L. Sta. 0+00.00, Begin Line 7 = 116.50 = T.P. 0+00
B.L. 1 Sta. 49+93.62, 62.00' Rt.
Install 1–8" 90° CIMJ Bend (E)
Conn. to Exstg 8" Water Line East
Install 1–8" MJ Cap (W)
W.L. Sta. 0+28.00, Line 7 = 116.50 = T.P. 8" 117.17 = T.P. 24" 0+28.00
B.L. 1 Sta. 50+21.62, 62.00' Rt.
Tap Existing 24" Water Line
Install 1–24 x 8" Tapping Sleeve
Install 1–8" Tapping Valve w/Valve Box

LINE 7

Drawing File: E:\Eng\West Street Paving New\Land\dwg\WtrBase
November 2008

Design: T. Aziere
Drawn: Sonny
Approved: J. F. Bradley
Scale: 1:20

Project No. 04-04-E860 CAPITAL IMPROVEMENT PROJECT
WEST STREET WATER MAIN REPLACEMENT
Line 6 & Line 7
WEST STREET, SOUTH OF MAPLE TO SOUTH OF CENTRAL

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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

SHEET 15 OF 18