STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84295	2010	141	194

Note:
1. All new and replaced water services shall be tapped only on the 8" and 12" Water Lines, not on the 20" Water Line.

2. New road construction has been left off for Water Line clarity. Refer to road construction sheets to see Water Line placement in reference to the new road construction.

(#) All Control and Coordinate Data is located on Sht. 135

Water Line 3 Profile, See Shts. 144-145

Water Line 3A Profile, See Sht. 145

Water Line 3B Profile, See Sht. 145

Water Line 4 Profile, See Shts. 145-146

Water Line 5 Profile, See Sht. 146

SCALE 1" = 20'
0 20 40 60 FEET

(770) Sta. 12+93.02, Line 3
BL Sta. 49+67.59, 2.67' Rt.
Install 1 - 8" x 8" Tee (N)

(812) POT 11+43.52

31.52 L.F. 8" Pipe

15.54 L.F. 8" Pipe

(858) Sta. 12+47.82, Line 3
BL Sta. 49+26.33, 6.69' Lt.
City to Install 1" Service Tap and Meter for Irrigation (N)

39.73 L.F. 8" Pipe

(778) Sta. 13+32.74, Line 3
BL Sta. 50+04.00, 2.39' Rt.
Install 1 - 8" Gate Valve (E)

(771) Sta. 13+32.74, Line 3 (E)
Sta. 61+32.44, Line 3A (S)
BL Sta. 50+07.32, 2.36' Rt.
Install 1 - 8" x 8" Tee (S)

Sta. 13+94.90 to Sta. 14+94.90, Line 3
Install 100' - 20" Steel Casing Pipe
By Dry Bore and Jack

334.37 L.F. 8" Pipe

(786) Sta. 16+67.11, Line 3
BL Sta. 53+41.67, 2.25' Rt.
Install 1 - 8" 45° Bend
Install 1 - 8" Gate Valve (NE)

(782) (784)

Caution! AT&T Vault

45.85 L.F. 8" Pipe

(791) Sta. 17+12.96, Line 3
BL Sta. 53+74.09, 30.18' Lt.
Install 1 - 8" 45° Bend

Caution! Natural Gas Line

17.17 L.F. 8" Pipe

(792) Sta. 17+30.13, Line 3 (E)
Sta. 71+00.00, Line 3B (S)
BL Sta. 53+91.26, 30.18' Lt.
Install 1 - 8" x 8" Tee (S)
Install 1 - 8" Gate Valve (S)

12.65 L.F. 8" Pipe

(798) Sta. 17+42.78, Line 3
BL Sta. 54+03.91, 30.18' Lt.
Install 1 - Fire Hydrant Assem., L = 4.62'
Valve Box Elev. = 123.40

Sta. 17+25.02, Line 3
BL Sta. 54+13.00, 26.80' Lt.
Remove Fire Hydrant Assembly
Return to 1825 S. McLean

Caution! 36" Sanitary Sewer

33.09 L.F. 8" Pipe

(802) Sta. 17+75.87, Line 3
BL Sta. 54+37.00, 30.18' Lt.
Install 1 - 8" x 8" Tee (S)
Install 1 - 8" Anchored Gate Valve (S)
Install 12.41 L.F. 8" Pipe (S)
Install 1 - 8" Anchored Gate Valve (E)
Install 10.15 L.F. 8" Pipe (E)

(803) Sta. 17+75.87, Line 3
BL Sta. 54+37.00, 17.76' Lt.
Install 1 - 8" 90° Bend
Install 10.00 L.F. 8" Pipe (E)
Install 1 - 8" MJ Cap (W)

(804) Sta. 17+86.02, Line 3
BL Sta. 54+47.15, 30.18' Lt.
Install 1 - 8" MJ Cap (E)
Install 1 - 2" Blowoff Assembly

(805) Sta. 17+85.87, Line 3
BL Sta. 54+47.00, 17.76' Lt.
Connect to Existing 8" (E)

(801) Sta. 27+70.56, Line 4
BL Sta. 54+29.61, 3.01' Lt.
Connect to Existing 20" RCCP (E)

(859) (850) (776) (780) (781) (783) (785) (788) (789) (793)

WATER LINE 5
N 1°14'23" W

MATCHLINE STA. 49+25.00

WATER LINE 3
N 88° 45' 37" E

WATER LINE 4
N 88° 45' 37" E

WATER LINE 3A
N 5° 14' 25" W

WATER LINE 3B
N 5° 14' 25" W

POT 50+22.45

10+00

11+00

9+00

50+00 51+00 52+00 53+00 54+00 55+00

21st STREET NORTH

BROADWAY AVENUE

N 88° 44' 25" E

(810) (809) (775)

Sta. 12+61.50, Line 3
BL Sta. 49+36.08, 2.91' Rt.
Install 1 - 8" 45° Bend
Install 1 - 8" Gate Valve (NW)

(779)

(772) Sta. 23+34.13, Line 4
BL Sta. 50+04.04, 7.22' Rt.
Install 1 - 20" Gate Valve (E)

35.75 L.F. 8" Pipe

Caution! 15" Storm Sewer

(773) (774) Sta. 61+68.19, Line 3A
BL Sta. 50+06.80, 38.11' Rt.
Install 1 - 6" MJ Cap (E)
Install 1 - 8" Gate Valve (N)
Connect to Existing 8" AC (S)

Sta. 23+99.61 to Sta. 24+99.61, Line 4
Install 100' - 34" Steel Casing Pipe
By Dry Bore and Jack

416.48 L.F. 20" Pipe

(787) Sta. 26+71.58, Line 4
BL Sta. 53+41.43, 7.08' Rt.
Install 1 - 20" 45° Bend
Install 1 - 20" Gate Valve (NE)

25.60 L.F. 20" Pipe

(790) Sta. 26+97.17, Line 4
BL Sta. 53+59.54, 11.02' Lt.
Install 1 - 20" 45° Bend

57.05 L.F. 20" Pipe

Caution! Sanitary Sewer

(795) Sta. 71+75.05, Line 3B
BL Sta. 53+91.18, 44.88' Rt.
Install 1 - 8" MJ Cap

(800) Sta. 27+65.56, Line 4
BL Sta. 54+24.61, 3.01' Lt.
Install 1 - 20" 45° Bend
Install 5.00 L.F. 20" Pipe (E)
Install 1 - 20" MJ Cap (W)

11.33 L.F. 20" Pipe

(799) Sta. 27+54.23, Line 4
BL Sta. 54+16.59, 11.02' Lt.
Install 1 - 20" 45° Bend

70.05 L.F. 8" Pipe

(796) Sta. 71+70.05, 6.00' Lt., Line 3B
BL Sta. 53+97.19, 39.88' Rt.
Install 1 - 8" 90° Bend (S)
Install 5.00 L.F. 8" Pipe (S)
Install 1 - 16" MJ Cap (N)

(797) Sta. 71+75.05, 6.00' Lt., Line 3B
BL Sta. 53+97.18, 44.88' Rt.
Connect to Existing 16" WL
Install 1 - 16" x 8" Reducer

(794) Sta. 71+70.05, Line 3B
BL Sta. 53+91.19, 39.88' Rt.
Install 1 - 8" x 8" Tee (E)
Install 1- 8" Anchored Gate Valve (E)
Install 6.00 L.F. 8" Pipe (E)
Install 1 - 8" Anchored Gate Valve (S)
Install 5.00 L.F. 8" Pipe (S)

Best Supply Co., Inc.
418 East 21st St. N.
Wichita, KS 67203

Levand-Rudd Properties LLC.
320 East 21st St. N.
Wichita, KS 67203

Mennonite Housing Rehab Svc. Inc
2155 N. Topeka
Wichita, KS 67203

M & L Inc.
401 East 21st St. N.
Wichita, KS 67203

John R. Glenn ETUX
411 East 21st St. N.
Wichita, KS 67203

Cook Construction LLC
2144 N. Broadway
Wichita, Kansas

CITY OF WICHITA

21ST STREET NORTH &
BROADWAY AVENUE INTERSECTION

WATER LINE PLANS
21ST STREET NORTH
STA. 49+25.00 to STA. 54+47.00
WICHITA, KANSAS

TranSystems

DESIGNED:	DRAWN:
M.D.B.	D.A.N.
CHECKED:	DATE:
B.A.L.	1/8/2010

DATE	BY	REVISIONS	PROJECT NO. 472-84295
		REFERENCES NOTED	
		REFERENCES CHECKED	

Plotted By : danavarro Plotted : 1/8/2010
File : g:\WI05\0001\ROAD\001wp04.sht