SCALE
10' 0 10' 20'
1"=10'

Water Line 1
Exist. R/W
Exist. 8" Water Line

(621) @ Sta. 19+16.13, 31.85' Rt. =
Sta. 400+06.80, Water Line 4 =
Sta. 104+14.91, Water Line 1
Connect to 8"x8" Cross, Water Line 1
Install 9.81 LF 8" Pipe (DICL)(N)
N: 1686499.2376
E: 1651572.8595

(661) @ Sta. 19+16.14, 37.11' Rt. =
Sta. 400+04.80, Water Line 4
Install 1 - 90.0° Bend (N)
Install 5.27 LF 8" Pipe (DICL)(N)
N: 1686493.9713
E: 1651572.9607

(660) @ Sta. 19+24.64, 37.21' Rt. =
Sta. 400+00.00, Water Line 4
Remove 15.20 LF Exist. Water Line (N)
Remove 2 - Exist. 8" Water Valve Assemblies (N)
& Return to 1701 Sim Park Drive
Connect to Exist. 8" Water Line
Install 1 - 90.0° Bend (W)
Install 1 - 8" Anchored Valve Assembly
Install 8.50 LF 8" Pipe (DICL)(W)
N: 1686494.0099
E: 1651581.4606

(662) @ Sta. 19+16.09, 22.04' Rt. =
Sta. 400+12.99, Water Line 4 =
Install 1 - 90.0° Bend (E)
Install 8.72 LF 8" Pipe (DICL)(E)
N: 1686509.0464
E: 1651572.6709

(663) @ Sta. 19+24.82, 22.01' Rt. =
Sta. 400+18.11, Water Line 4 =
Install 1 - 8" Anchored Valve Assembly
Install 1 - 90.0° Bend (N)
Connect to Exist. 8" Water Line
N: 1686509.2140
E: 1651581.3915

1ST STREET
Exist. 8" Water Line
PI +32.93
ROCK ISLAND

(633) @ Sta. 21+11.28, 33.63' Rt. =
Sta. 500+06.26, Water Line 5 =
Sta. 106+14.28, Water Line 1
Connect to 8"x8" Cross, Water Line 1
Install 13.00 LF 8" Pipe (N)
N: 1686500.9903
E: 1651768.0847

(665) @ Sta. 21+11.28, 37.56' Rt. =
Sta. 500+02.32, Water Line 4
Install 1 - 45.0° Bend (N)
Install 3.93 LF 8" Pipe (DICL)(N)
N: 1686497.0591
E: 1651768.1603

(664) @ Sta. 21+12.93, 39.21' Rt. =
Sta. 500+00.00, Water Line 5
Remove 20.19 LF Exist. Water Line (N)
Remove Exist. 8" Water Valve Assembly (N)
& Return to 1701 Sim Park Drive
Install 2.32 LF 8" Pipe (DICL)(NW)
Connect to Exist. 8" Water Line
N: 1686495.4482
E: 1651769.8343

(666) @ Sta. 21+11.27, 20.63' Rt. =
Sta. 500+19.26, Water Line 5 =
Install 1 - 45.0° Bend (NE)
Install 2.28 LF 8" Pipe (DICL)(NE)
N: 1686512.9910
E: 1651767.8348

(667) @ Sta. 21+12.88, 19.01' Rt. =
Sta. 500+21.54, Water Line 5 =
Install 1 - 45.0° Bend (N)
Connect to Exist. 8" Water Line
N: 1686515.6358
E: 1651769.4175

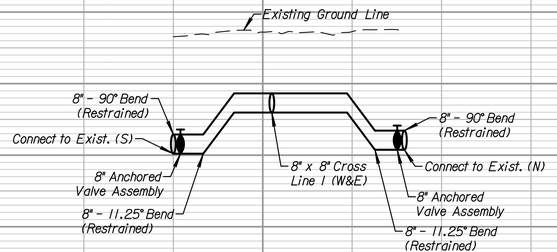
Water Line 1
Exist. R/W
Exist. 8" Water Line

1ST STREET
Exist. 8" Water Line
PI +22.55
MOSLEY STREET

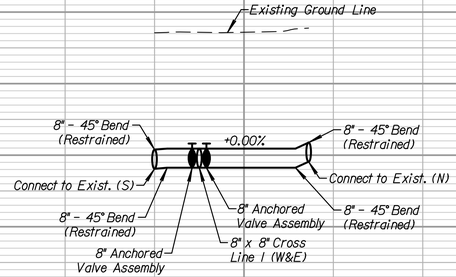
Note:
For Water Line 1 information and details, See Sheets 87-88

It is the Contractors responsibility to contact & coordinate with the utility companies prior to the installation of the water lines to locate any exising utilities that have not been previously located or new utilities that have been relocated.

Utilities shown in the profile are shown at approximate depths. The Contractor is responsible for field verifying the locations of utilities prior to construction in that area.



(660)	(673)	(661)	(621)	(662)	(674)	(663)
1,294.80, +00.00	PI Elev. = 1,293.22, +04.19	PI Elev. = 1,294.80, +08.50	PI Elev. = 1,294.66, +13.77	PI Elev. = 1,294.94, +24.28	PI Elev. = 1,293.36, +28.19	1,294.94, +32.30
Connect to Exist. 8" WL			Connect to Line 1, 8" WL			Connect to Exist. 8" WL



(664)	(665)	(633)	(666)	(667)
1,294.36, +00.00	PI Elev. = 1,291.47, +02.32	1,291.47, +06.26	PI Elev. = 1,291.47, +19.26	1,294.44, +21.54
Connect to Exist. 8" WL		Connect to Line 1, 8" WL		Connect to Exist. 8" WL

400 500

TranSystems
245 NORTH WACO
SUITE 222
WICHITA, KANSAS 67202
PHONE: 316-303-3000
FAX: 316-303-0156

ALEX A. LIMMEL
LICENSED
24843
7-5-17
KANSAS
PROFESSIONAL ENGINEER

CONSULTANTS:
LK ARCHITECTURE, INC.
345 RIVERVIEW
SUITE 200
WICHITA, KANSAS 67208
PHONE: 316-268-0230

1ST STREET IMPROVEMENTS
SANTA FE TO WASHINGTON IN OLD TOWN
WICHITA, KANSAS

CITY OF WICHITA

REVISIONS:

MARK	DATE	DESCRIPTION

PROJ NO: 472-85285
SCALE: 1"=10'
DATE: 7/5/2017
DESIGNED BY: TAU
DRAWN BY: TAU
CHECKED BY: MDB

SHEET TITLE:
1ST STREET WATERLINE IMPROVEMENTS WATER LINE 4 & 5

SHEET NO.
90
SHEET 90 OF 90

taummel
7/5/2017 - 4:05:30 PM - c:\transystems\ow_local\transyscorp-pw1\taummel\d9482573\C-LITL_M01-104.dgn

IF THIS DRAWING IS LESS THAN 22" X 36" IT IS A REDUCED SIZE DRAWING

CADconform Certify This File