GENERAL NOTES

1. The Contractor will be required to provide a minimum advance notice of forty-eight (48) hours to utility companies prior to excavation or working adjacent to utilities.
2. The Contractor shall notify pipeline companies at least forty-eight (48) hours in advance of any work being performed over or adjacent to existing pipelines.
3. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
4. All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas, Standard Specifications for Water Main Installations No. PW005240.
5. Contractor shall not start work on the project until the Project Inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.
6. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by their construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
7. Utility service lines, poles, gas valve boxes, meter, et cetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
8. Opening and closing of water valves shall be done slowly to prevent damage to the water distribution system from water hammer. All valves closed by the Contractor must be reopened as new construction permits. Project Inspector must ascertain that any valve closed by the Contractor is reopened. Contractor will be permitted to operate water valves only when the Project Inspector assigned to the project is present.
9. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required, except when such saw cuts are within three (3) feet of an existing joint the limits of removal shall be extended to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as Subsidiary to the removal of the surface or pavement.
10. The bid item "Fire Hydrant Installation" shall include installation of a New Fire Hydrant, thrust blocking, fittings, and all necessary adjustments required to bring the hydrant into complete and working order.
11. Each bidder shall visit the site of the project before submitting their proposal for the work so that they may inform themselves as to the existing field conditions and the obstacle which might be encountered.
12. Interurban traffic generated outside the project area and local business or residential traffic generated within the project area is to be carried through construction as further promulgated by construction phasing plans and the project special provisions. The Contractor shall utilize barricades, signs, guards, and flagmen in accordance with the Manual on Uniform Traffic Control Devices.
13. Rubble from the removal of miscellaneous structures including pavement, pipes, and etc. shall be disposed of on sites provided by the Contractor. These sites shall also be approved of by the Engineer as to suitability, appearance, and site location. Location that, in the opinion of the Engineer, leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain will require a Kansas State Board of Agriculture permit. Any material dumped in water of the United States or wetlands is subject to U.S. Corps of Engineers permitted regulations. Any material buried or stockpiled beyond approved construction limits may require archaeological investigations unless buried in a previously approved disposal location.
14. Temporary Blowoff Valves necessary to flush lines at existing water line tie-ins shall not be paid for directly, but shall be considered SUBSIDIARY to other items in the bid.
15. Connections to existing water lines shall not be paid for directly, but shall be considered SUBSIDIARY to other items in the bid.
16. Contractor to coordinate with the United States Postal Service prior to any temporary or permanent relocation of existing mailboxes.
17. Contractor to follow all current City of Wichita erosion control standards.
18. Contractor to maintain access to all driveways at the end of each construction day, unless, prior approval from the Project Inspector.
19. The Contractor shall understand that utilities may have been relocated to new locations and that additional coordination with Utility Companies may be required. The Contractor shall be required to work around existing utilities within the right-of-way.
20. Taps larger than 12" shall be done by the Contractor, taps 12" or smaller will be done by the City of Wichita unless otherwise noted in the plans.
21. All existing water line structures (i.e. water valve assemblies, fire hyrdant assemblies, etc.) called out for removal in the plans shall be taken to the City of Wichita Water Department Material Yard located at 1701 Sim Park Drive.
22. Any existing joint exposed during excavation shall be replaced if within four feet of proposed joint.
23. Existing underground utilities are shown at estimated depths. The Contractor shall verify the exact depths of underground utilities that are critical to the construction before beginning work. The cost for this shall be SUBSIDIARY to the project.
24. Contractor shall verify horizontal and vertical location, type size and class of existing waterlines prior to making connections. The existing waterline locations as shown on the plans are approximate. The contractor shall make adjustments as required and approved by the Engineer. Provisions and installation of pipe adaptors, short sections of pipe, and couplers shall be SUBSIDIARY to other pay items of work.
25. Contractor shall make minor adjustments to the new construction if required by the location of any existing utility at no cost to the owner. Should a conflict occur Contractor shall contact Engineer and utility owner as shown in plans.
26. All pipe 11.00 LF or less shall be DICL lined pipe.

UTILITY OWNERS

AT&T
c/o Jason Edwards
154 N. Broadway, Room 210
Wichita, KS 67202
Phone: 316-268-2102

Cox Communications
c/o James Walburn
901 George Washington Blvd.
Wichita, KS 67211
Phone: 316-260-7491

Westar Energy
c/o Kemp Smith
P.O. Box 208
Wichita, KS 67201
Phone: 316-648-9190

Kansas Gas Service
c/o Adam Knolla
1021 East 26th Street North
Wichita, KS 67219-4308
Phone: 316-832-3158

Black Hills Energy
c/o Kelly Kraus
2330 N. Hoover
Wichita, KS 67205
Phone: 316-941-1628

Kansas Fiber Network
c/o Steve Lindner
121 N. Mead Street, Ste. 200
Wichita, KS 67202
Phone: 316-712-6016

Zayo Group
c/o Jeff Capps
316-833-9032

Level 3 Communications
c/o Ken Hadrick
303-482-9826

Water
City Of Wichita Water Dept.
c/o Greg Lolley
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4555

Storm Water
City Of Wichita Storm Water
c/o Kelly Fleming
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4545

Traffic Signals
City Of Wichita, Traffic Dept.
c/o Brian Coon
City Hall, 455 N. Main, 7th Floor
Wichita, KS 67202
Phone: 316-268-4393

Sanitary Sewer
City Of Wichita, Sanitary Sewer
c/o LaDonna Lawrenz
City Hall, 455 N. Main, 8th Floor
Wichita, KS 67202
Phone: 316-268-4329

Utility Notes:

Visual indications of utilities are as shown. Underground locations shown, as furnished by their lessors, are approximate and should be verified in the field at the time of construction. For actual field locations of underground utilities, call 1-800-344-7233. Verification of utilities is the Contractor's responsibility.

RECAPITULATION OF QUANTITIES

BID ITEM	QUANTITY	UNIT
Pipe, WL 8" (Restrained)	851	L.F.
Pipe, WL 8" (Restrained), DICL	186	L.F.
Pipe, HDPE 20"	72	L.F.
Valve Assembly, Anchored 8"	10	EA.
Fire Hydrant Assembly	4	EA.
Fire Hydrant Assembly (Removed)	4	EA.
Fill, Sand (Flushed & Vibrated)	1037	L.F.
Pipe, Cut and Cap, 8"	6	EA.
Pipe Removed	231	L.F.
Valve Box Assembly, Removed	11	EA.
Service Line, Long	4	EA.
Service Line, Short	2	EA.
Pavement Removed	86	S.Y.
Concrete Pavement 8" (Reinforced)	86	S.Y.
Crushed Rock Base 7", Reinforced)	86	S.Y.
AC Pavement 6", Temporary (Utility Patch)	200	L.F.

SUMMARY OF WATERLINE ITEMS
(For Information Only)

WATERLINE LINE NO.	PIPE - 8" WATERLINE RESTRAINED JOINT (L.F.)	DICL PIPE - 8" WATERLINE RESTRAINED JOINT (L.F.)	HDPE PIPE - 20" CASING PIPE (L.F.)	8" VALVE ASSEMBLY ANCHORED (EA.)	FIRE HYDRANT ASSEMBLY (EA.)	REMOVE FIRE HYDRANT ASSEMBLY (EA.)	FILL SAND (FLUSH & VIBRATE) (L.F.)	8" PIPE CUT AND CAP (EA.)	PIPE REMOVED (L.F.)	VALVE BOX ASSEMBLY REMOVED (EA.)	SERVICE LINE, LONG (EA.)	SERVICE LINE, SHORT (EA.)
Line 1	817.3	139.7	72.4	4	4	4	957.0	6	230.9	6	4	2
Line 2	-	14.9	-	1	-	-	14.9	-	-	1	-	-
Line 3	-	10.3	-	1	-	-	10.3	-	-	1	-	-
Line 4	15.8	17.0	-	2	-	-	32.8	-	-	2	-	-
Line 5	17.9	3.6	-	2	-	-	21.5	-	-	1	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	851.0	185.5	72.4	10	4	4	1036.5	6	230.9	11	4	2

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

TYLER 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:	NTS
DATE:	7/5/2017
DESIGNED BY:	TAU
DRAWN BY:	TAU
CHECKED BY:	MDB

SHEET TITLE:
WATERLINE GENERAL NOTES & SUMMARY OF QUANTITIES

SHEET NO.
85
SHEET 85 OF 90

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