City of Wichita, Kansas
Typical General Notes For Water Distribution Projects

1. Contractor will be required to provide a minimum advance notice of forty–eight (48) hours to utility companies prior to starting any excavation as follows:

Kansas One–Call 316–687–2470

The Contractor must notify the following in case of an emergency:

RWD. #1 Segwick Co.
Donna Burk 316–744–3173
134 North Oliver
Wichita KS 67214

Westar Energy
Randy Truitt 316–261–6512
P.O. Box 208
Wichita KS 67201

Kansas Gas Service
Jim Coe 316–832–3126
1021 East 26th Street North
Wichita KS 67219

City of Wichita Water Dept. 316–262–6000
1825 McLean St.
Wichita KS 67203

City of Wichita Sewer Dept. 316–268–4024
1715 West Harry
Wichita KS 67217

Cablevision 316–262–4270
Jeff Capps 316–371–5681
701 East Douglas
Wichita KS 67202

Energy One
John Stark 800–303–0752
3845 West Harry
Wichita KS 67213

AT&T Telephone Co.
Jason Edwards 316–268–2008
154 North Broadway, Room 210
Wichita KS 67202

Peoples Gas Service
Calvin Briggs 316–941–1608
1611 South Hoover
Wichita KS 67209

Southern Star Central Gas Pipeline
Terry Blanding 316–529–6622
316–734–9073 (Cell)
4000 S. Seneca St.
Wichita KS 67217

2. All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main Installations No. 14533.

3. The water main shall be constructed on the alignment shown by the plans. Trees and shrubs in public right–of–way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs, which are not in direct conflict with proposed new construction, shall be saved and protected from damage. The cost for any necessary tree trimming, clearing and/or grubbing shall be included in the bid price for the installed water main pipe.

4. Opening and closing 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.

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.

GENERAL NOTES

6. A full depth saw cut 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 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.

7. Underground utility service lines and overhead utility pole lines 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. Location information as been obtained from the various utility companies and is either from the company record drawings or company provided field locations. The Contractor will be required to work around existing utilities within the right–of–way which do not conflict with proposed construction.

8. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites, to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance, and site location. Locations that, in the opinion of the Engineer, will 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 the waters of The United States, or wetlands is subject to U.S. Corps of Engineers permitting regulations. Any material buried, or stockpiled beyond approved construction limits may require archaeological investigations unless buried in a previously approved disposal location.

9. The Contractor shall notify pipeline companies at least 24 hours in advance of any work being performed across and/or adjacent to pipelines.

10. 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 advance notice prior to start of construction.

11. 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 his construction operations. Such irons shall be re–established by a licensed land surveyor in accordance with state laws, at the Contractor's expense.

12. All costs for removal and/or replacement of existing pavement shall be included in the lump sum price bid for the waterline. Quantities for pavement removal and replacement are by the lineal foot of pavement removal along the proposed waterline. The area of pavement removal and replacement will vary based on construction methods. Removal of existing pavement shall conform to the applicable sections of the City of Wichita Standard Specifications. Minimum limits of such pavement removal and replcaement shall be one (1) foot beyond the limits of the excavation made for the water line or the structure, except when such lines of removal are within three (3) feet of an existing joint, the limits of removal shall be extended to the existing joint.

13. Property owner will be required to replace physical facilities in the event of water line maintenance or repair within the easement.

14. All lawn/turf areas disturbed by construction of the proposed improvements shall be restored with the same grass/sod as existing. Restoration of disturbed areas shall include, but not be limited to, topsoil preparation and sodding. All seeding/sodding work shall be in accordance with the City of Wichita Standard Specifications, & the City of Wichita Administrative Regulation No. AR78, which governs cleanup and restoration, or replacement following construction. All costs for this work shall be Subsidiary to the lump sum price bid for "Site Restoration".

15. Remove all existing valves, and fire hydrants, within the scope of the project, in Salvageable Condition, and turn over to the City of Wichita. The cost shall be Subsidiary to other bid items.

16. The Contractor shall restore all ditches, swales, road shoulders, entrances, and bank lines to their original slopes and grades except as shown otherwise. Contractor shall perform as–built survey along ditch section to verify elevations. Cross sections of as–built ditch shall be submitted to the Owner by the Contractor every 25 feet. All costs for this work shall be Subsidiary to the bid item "Site Restoration."

17. Mailboxes within the limits of the project shall be removed and replaced by the Contractor as approved by the Engineer. Contractor will be required to make satisfactory provisions for mail delivery to properties affected by this project during its construction.

18. Access shall be maintained to residences and businesses at all times.

19. No services will be installed as part of this project.

20. Contractor shall document existing conditions by video or pictures prior to construction.

WATER LINE NOTES

* Provide Thrust Blocking on All Bends.

* The Contractor shall furnish, install, and remove all required temporary blowoff assembly, corporation stops, and all other incidentals required for disinfecting and pressure testing.

* The Contractor shall install tracer wire and test stations along the entire route of the waterline as shown, as detailed in the "Tracer Wire Detail" on the Standard Water Assembly Detail Sheet. All costs associated with the tracer wire and test stations including labor, materials, and incidentals necessary to complete the work shall be considered Subsidiary to pipe installation.

* The Contractor shall have the option of using 16" DICL Pipe or 16" PVC Pipe in accordance with City of Wichita Specifications. The same material shall be used throughtout the project. All fittings shall be DICL MJ unless otherwise shown on the plans.

* The Contractor shall field verify topographic features and locations of underground utilities and report any discrepancies to the Engineer prior to construction activities.

* The Contractor shall not change or deviate from the plans without obtaining written approval from the Engineer.

* The Contractor shall repair all roads, sidewalks, curbs, driveways and other improvements disturbed by construction in accordance with the latest Wichita Kansas Standards and Details.

* The Contractor shall close or cover with plates all open excavations when not on the site.

* The Contractor shall supply, install and maintain all Traffic Control Devices in compliance with the recommendations of the Manual on Uniform Traffic Devices (MUTCD). One lane must remain open at all times with flagger operations. At night or when contractor is not working, two lane two–way traffic must be maintained with proper traffic control signing and devices. Contractor must submit traffic control plan for approval prior to construction– see specifications. Traffic control signing will be required throughout construction of waterline.

* No subsurface investigations were performed on this Project.

* The Contractor shall furnish and install at no extra cost, all fittings, materials, and appurtenances, necessary to install the waterline, as shown on the plans.

CITY OF WICHITA, KANSAS
PUMP STATION NO. 11
CIVIL
GENERAL NOTES

CFS
Cook, Flatt & Strobel
ENGINEERS, P.A.

DESIGNED	MDC	SCALE	As Shown
DETAILED	LRM	DATE	3–10–2010
CHECKED		SHEET	C2.1 OF C31

J:\2008Proj\08527\DWGS\002.1– GENERAL NOTES.dwg 3/11/2010 – 7:50am