GENERAL NOTES

1. Utility service lines, poles, valve boxes, gas meters, etcetera 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.

2. The Contractor shall give all property owners and/or tenants of developed property abutting the project limits a minimum of ten (10) days advance notice prior to start of construction.

3. Contractor will be required to provide a minimum advance notice of two working days to utility companies prior to excavation or working adjacent to utilities. Kansas One-Call @ 687-2470

4. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of the 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. Sawed joint to facilitate removal within three (3) feet of existing joints will not be permitted and for such instances the limits of removal shall extend to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered SUBSIDIARY to the removal of the surface or pavement.

5. All project waste including any trees, milled asphalt, rubble from miscellaneous structures, abandoned pipes, excess excavation, etc. 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 would require a Kansas State Board of Agriculture permit. Any material dumped in 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 would require additional archaeological investigations unless buried in a previously approved borrow location.

6. The Contractor shall be responsible for replacing shown property irons that are damaged or removed during construction. The Contractor shall procure a licensed Land Surveyor to locate and re-install the property iron.

7. Prior to bidding the project, each bidder shall visit the site and satisfy himself of surface & subsurface conditions. Each bidder shall also fully inform himself as to the extent of the scope of work to be performed.

8. Contractor shall be aware that some gas & telephone lines within the project corridor may have been abandoned in place as new lines are installed. The Contractor shall be responsible for contacting the appropriate owners to determine the status of said lines.

9. All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main Installations.

10. The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense.

11. Opening and closing of water valves shall be done slowly to prevent damage to the distribution system by a water hammer. All valves that are closed by the Contractor must be reopened as new construction permits. The Project Inspector must ascertain that any valve closed by the Contractor is reopened. The Contractor will be permitted to operate a water valve only when the Project Inspector assigned to the project is present.

12. The Contractor shall be made aware that he will be working in close proximity of existing utilities. Any conflicts with such utilities shall be reported to the Engineer. The Contractor shall coordinate the construction of this project with relocation of any existing utilities by the utility companies.

13. Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer These controls may include, but not limited to: hay bales; silt fences, temporary mulching or other controls necessary to inhibit sediment runoff during construction.

14. All traffic signs that are located in direct conflict with the proposed construction shall be removed and protected from damage by the Contractor. All signs that are removed during construction shall be replaced or reset by the Contractor as soon as construction permits. Any sign damaged by the Contractor shall be replaced at no additional cost to the project. All Traffic Control Signs shall remain operational during all phases of the project by either resetting existing or erecting temporary signs. This shall include all school crossing, warning signs, and applicable regulatory signs. The cost for any removal, replacement and/or resetting of traffic signs shall be SUBSIDIARY to "Site Restoration".

15. Trees and Shrubs in public right-of-way which are in direct conflict with the proposed open cut installation of the new water line shall be removed and disposed of 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.

16. Existing fences that encroach on the existing R/W and conflict with the proposed construction shall only be taken down as necessary for construction and stockpiled on private property. The Contractor will NOT be required to repair any fences or other improvements that encroach on the existing R/W. Cost to be SUBSIDIARY to the Lump Sum Bid Item "Site Clearing".

17. The Contractor shall not start work on the Project until the Project Inspector is assigned and is present on site. Any work done without inspection will be required to be uncovered for inspection.

18. The Contractor shall return all salvageable valves, hydrants fittings, and etc. to the City of Wichita Water Distribution Department Yard located at 1825 S. McLean Blvd. The Contractor shall have all salvaged material checked in by the Storekeeper. See Table, Sheet 23.

19. Existing water mains and service connections are to remain in service until proposed new mains have been completed and tested. New water services will be not be installed for vacant properties unless shown on the plans or specified in the Special Provisions.

20. The Contractor shall comply with all applicable safety regulations.

21. Existing and Proposed Power Poles may require bracing during certain phases of the Project. The Contractor shall be responsible for coordinating the pole bracing with Westar Energy at 261-6828.

22. Temporary Blow-off 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.

23. All Costs associated with Killing and Cutting Corp. Stops and Abandonment of Existing Water Lines In Place shall be considered SUBSIDIARY to the Lump Sum Bid Item "Abandon Existing System".

24. The proposed Water Lines that are installed by Open Cut methods under pavement shall be backfilled with sand, flushed and vibrated, from 6" below all pipes to within 2' below the bottom of the rock base or finished grade. Cost to be SUBSIDIARY to the Measured Quantity Bid Item "Fill, Sand (Flushed & Vibrated)".

25. The Contractor shall replace any asphalt pavement that is to be removed with 6" AC Pavement (4" Bit. Base) on 6" Crushed Rock Base. Portions of existing valley gutters that are to be removed shall be replaced with 7" Reinforced Concrete Pavement on 6" Crushed Rock Base. All curb & gutter that is to be removed shall be replaced with Type 2 Curb & Gutter (3 $\frac{5}{8}$" RL & 1$\frac{1}{2}$"). Cost to be SUBSIDIARY to the Measured Quantity Bid Item for each.

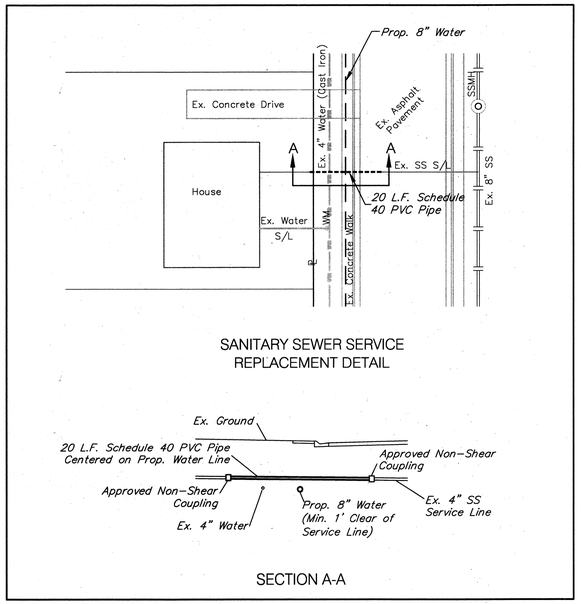
26. In areas where the ground is disturbed behind the existing curb, the Contractor shall be required to construct a 3' wide Concrete Sidewalk (4" thick), even when the existing sidewalk is asphalt, gravel, and/or covered by grass. Cost to be SUBSIDIARY to the Measured Quantity Bid Item "Concrete Sidewalk 4"".

27. Due to KDHE regulations, the Contractor shall be required to remove and replace all existing sanitary sewer service line crossed by the proposed water line with 20 L.F. of 4" PVC pipe centered on the proposed water line. The new pipe shall be connected to the existing service line using approved non-shear couplings. See Detail, this Sheet. All costs associated with this work shall be SUBSIDIARY to the Measured Quantity Bid Item "Pipe, PVC 4"".

28. The Contractor shall provide, erect, and maintain traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (M.U.T.C.D.) as necessary.

29. The Contractor shall be required to sod all disturbed areas with Bermuda Sod, except for the ditch areas along Clifton that are to be reseeded according the note on Sheet 29. All restoration work shall conform to City Specifications.

30. Staking Coordinates to be provided by Baughman Co.



LIST OF UTILITY COMPANIES

Contractor shall be required to provide notice to Kansas One Call at 687-2470 a minimum of two (2) working days prior to any excavation or work adjacent to utilities.

TYPE	OWNER	CONTACT	TELEPHONE	(ALT.)
Locator Service	Kansas One-Call		687-2470	800-344-7233
TV	Cox Communications (Cable)	Marc Henderson	260-7204	
Electric	Westar Energy	Miles Capps	261-6512	
Pipeline	Southern Star	Andy Buchanan	529-6603	
Gas	Kansas Gas Service	Jim Coe	832-3126	
Telephone	ATT	John Fagan	268-2102	800-286-8313
Water	Wichita Water Department	Greg Lolley	268-4555	268-4908
Maintenance	Oaklawn Improvement District	Sherrie Hopkins	524-0281	
Sanitary Sewer	Oaklawn Improvement District	Louis Zwicki	524-1280	

The Contractor shall contact the following at least 72 hours prior to beginning construction to advise them of the intended work and proposed work schedule.

Sedgwick County Public Works
1144 S. Seneca
Wichita, KS 67213
Mr. Joe Brand, P.E.
(316) 660-1754