GENERAL NOTES

1. The Contractor shall be made aware of the fact that construction will take place in close proximity of existing and proposed utilities. Any conflicts with these utilities shall be reported to the Engineer. The Contractor shall coordinate the construction of this project with the relocation of any existing or proposed utilities by the utility companies.

2. Contractor shall be required to provide notice to utility companies a minimum of two (2) working days prior to any work being done on top or and/or adjacent to their facilities.

3. Existing utilities, both above and below ground, and their locations as shown on the plans, represent the best information available for design. The locations of utilities as shown on the plans are not guaranteed and the Contractor shall verify all utilities and their locations before beginning construction. Additional utilities, including relocated utilities, which are not shown on the plans may be encountered. In this event, the Contractor shall adjust his schedule and cooperate with the utility companies to insure that their facilities be adjusted as required to clear construction. The Contractor shall exercise extreme caution while working near utilities and shall be responsible for all utilities damaged by his construction activity.

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

5. The Water Department shall field locate water valves one time during construction when requested by the Contractor. It shall be the responsibility of the Contractor to preserve such field locations during the construction process. Water valves, water valve boxes, or fire hydrants damaged during construction shall be repaired at the Contractor's expense. Contact Bill Perkins with the Wichita Water Department for water service information.

6. 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.

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

8. All traffic signs that are located in direct conflict with the proposed construction shall be removed by the Contractor. All signs that are removed or damaged during construction shall be replaced or reset by the Contractor as soon as construction permits. 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.

9. 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 be required to have all salvaged material checked in by the Storekeeper.

10. Properties within the project limits may have underground sprinkler systems in public right-of-way which conflict with new construction. The Contractor will be required to remove and replace to existing working order all sprinkler systems that conflict with the construction. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place. The Contractor shall contact the property owner for location and condition prior to removal.

11. Power Poles within close proximity to the proposed water line may require temporary bracing to facilitate construction. Contractor shall contact Jimmy Washington with Westar Energy at 261-6315 prior to construction to coordinate pole bracing.

12. 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.

13. All project waste, including trees, rubble, abandoned pipes, excess excavation, etc. shall be disposed of on sites provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance, and location. Locations 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 into the waters or wetlands of the United States is subject to the U S Army Corp of Engineers permitting regulations. Any material stockpiled beyond the approved construction limits may require an archaeological investigation unless buried in a previously approved disposal site. All cost for erosion control shall be considered INCIDENTAL to the Lump Sum Bid Item "Erosion Control BMP's"

14. Each bidder shall visit the site of the project before submitting a proposal in order to become better informed of the existing field conditions and obstacles which might be encountered during construction. Each bidder should understand that no additional compensation will be awarded for extra work that should have been evaluated prior to bidding.

15. When pavement is removed beyond the limits of the associated paving project, the pavement shall be replaced in kind with permanent pavement, 2" thicker than found. Where pavement is removed to facilitate water line construction and the pavement is within the area of the associated paving project, the pavement may be replaced with temporary paving material as approved by the Area Engineer. The water line contractor shall be required to maintain the temporary pavement until the paving contractor removes the pavement for the paving project. Temporary pavement replacement is to be minimized through coordination efforts. All Costs for this shall be INCIDENTAL to the project.

16. The Contractor shall be responsible for preserving all Shown property irons. The Contractor will be required to reestablish any property irons which are damaged or destroyed by his construction operations. Such irons shall be reestablished by a licensed land surveyor in accordance with state laws. All Costs for this shall be SUBSIDIARY to "Site Clearing & Restoration."

17. 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 installed by the Contractor. Some services found to be abandoned may require a new main connection and meter setter to allow for future business activity. The Contractor shall verify with the Water Dept. those services which are to be reconnected. All services found with two meters in one meter box shall be replaced with individual meter boxes.

18. This Project shall be constructed concurrently with the paving project. Phased construction of the water main to coordinate with pavement and storm sewer construction may require temporary thrust blocking.

19. The Contractor shall be aware that some utilities may have been abandoned in place prior to new water line construction. It shall be the Contractor's responsibility to contact the appropriate owners and determine the status of said lines.

20. All Costs associated with Killing and Cutting Corp. Stops and Abandonment of Existing Water Lines In Place shall be considered INCIDENTAL to the project.

21. Interurban traffic generated outside the area and local business or residential traffic generated within the project area is to be carried through construction as further promulgated by project special provisions. The Contractor shall utilize barricades, signs, guards, and flag men in accordance with the Manual on Uniform Traffic Control Devices. A minimum of one lane in each direction along Hydraulic Avenue shall remain open throughout the length of the project.

22. 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, and a 24 hour notice prior to any planned water shut down.

23. The Contractor shall Maintain Water Service to City of Wichita Wastewater Treatment Facility at all times during construction.

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		TELEPHONE	(ALT.)
TV	Cox Communications (Cable)		262-4270	
Electric	Westar Energy (K.G.E.)		383-8650	
Gas	Kansas Gas Service		888-482-4950	
Gas	Aquila Energy			800-303-0357
Telephone	Southwestern Bell Telephone		268-2245	800-286-8313
Traffic	Wichita Traffic Signal Shop		268-4033	
Traffic	Wichita Traffic Maint.(Traffic Cont.)		268-4034	268-4203
Water	Wichita Water Department		268-4563	268-4908
Storm Water Sewer	Wichita SWS Maintenance		268-4090	
Sanitary Sewer	Wichita Sewer Maintenance		268-4024	262-6000

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
448 89923	Waternote	F:\Eng\Hydraulic-Ph2\Wtr

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
TA	STAFF	JFB	March 04	None	99-09-E451

CAPITAL IMPROVEMENT PROJECT
GENERAL NOTES
WATERLINE RELOCATIONS
Hydraulic Ave. - 47th Street to 57th Street South

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211