F.H.W.A. REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54–87 K–8258–05	2003	25	51

GENERAL NOTES

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:

   Westar
   Miles Capps 316–261–6824
   1900 East Central
   Wichita KS 67214

   Kansas Gas Service
   Jim Stoltz or Charlene Lawless 316–832–3122
   Dispatcher 316–832–3168
   1021 East 26th Street North
   Wichita KS 67219

   Water Department 316–262–6000
   455 N. Main, 8th Floor
   Wichita KS 67202

   Sewer Department 316–268–4024
   1715 West Terry
   Wichita KS 67217

   Cablevision 316–262–4270
   701 East Douglas
   Wichita KS 67202

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

   Southwestern Bell Telephone
   Bob Alley 316–268–2245
   154 North Broadway, Room 210
   Wichita KS 67202

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

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 me 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.
6. Interurban traffic generated outside the project area and local business or apartment traffic generated within the project area are to be carried through construction as further promulgated by project special provisions.
7. Interurban traffic generated outside the project area is not to be carried through construction. Local business or apartment traffic generated within the project area is to be carried through construction as further promulgated by project special provisions.
8. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by other 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 has been obtained from the various utility companies and is either from 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.
9. 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,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 subsidiary to the removal of the surface or pavement.
10. 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 waters of The United State 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.
11. The Engineer shall take field ties to all quarter section corners. The Contractor shall set a City survey monument in the required location where such quarter section corners fall within the limits of pavement construction. Survey monuments will be furnished by the City. The Engineer will accurately locate and install the iron at the quarter section corner. This work will not be paid for directly, but shall be considered subsidiary to the other pay items of work in the contract.
12. The Contractor shall notify pipeline companies at lease 24 hours in advance of any work being performed across and/or adjacent to pipelines.
13. Properties within the project limits may have underground sprinkler systems in public right–of–way which conflict with new construction. Contractor will be required to remove such improvements should they not be removed by their owner at the time of construction of the project. The Contractor will be required to salvage all sprinkler heads and/or valves and give such material to their owner. Portions of underground sprinkler systems not in conflict with new construction shall be protected from damage and shall remain in place. All work in connection with underground sprinkler systems shall be considered as subsidiary to the contract pay items or work.
14. 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.
15. 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.
16. 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 or a licensed professional engineer in accordance with state laws.
17. Pavement removal and/or replacement will be measured and paid for on the lineal foot basis as measured along the centerline of the water line regardless of width, pavement type and/or pavement thickness. Minimum limits of such pavement removal and replacement shall be one foot beyond the limits of the excavation made for the water line or the structure, 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. Removal and replacement of existing pavement shall conform to the applicable sections of the City of Wichita Standard Specifications.
18. All costs for removal of existing pavement shall be included in the lump sum price bid for Clearing Right–of–Way and Site Preparation. All costs for replacement of existing pavement shall be included in the lump sum price bid for Site Restoration. Removal of existing pavement and/or replacement of existing pavement shall conform to the applicable sections of the City of Wichita Standard Specifications. Minimum limits of such pavement removal and replacement shall be one 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.
19. Property owner will be required to replace physical facilities in the event of water line maintenance or repair within the easement.
20. It will be the developer's responsibility for locating and staking the easement and the water line since this project is being installed in an easement on private property.
21. 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, seeding, mulch, and/or reseeding. All seeding/sodding work shall be in accordance with the City of Wichita Standard Specifications and 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".
22. The Contractor shall seed all areas disturbed by construction activities with temporary rye grass. Rye grass seed shall be planted at a minimum rate of six (6) pounds per one thousand (1,000) square feet. This temporary seeding may be omitted only if other seeding is required in accordance with General Note No. 21 above. Temporary seeding or permanent seeding/sodding shall be applied within 14 days after the area has been disturbed.
23. No services will be installed as part of this project.

BY	DATE
REFERENCE NOTED	
REFERENCE CHECKED	

Drawn by: Plotted: SCALE
File:

Cook, Flatt & Strobel
ENGINEERS, P.A.

KANSAS DEPARTMENT OF TRANSPORTATION

GENERAL NOTES
WATER DISTRIBUTION PROJECTS

Wichita, Kansas Sedgwick, Co.

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