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 and Special Provisions.

10. The Engineering 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 curb inlet protection 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. Existing trees shown within the South Kellogg Frontage Road right-of-way are approximate locations. Contractor shall field verify locations prior to construction. Trees removal, replacement and/or trimming required to install pipe shall be incidental to other items bid.

16. Any fences that need to be removed for construction or are damaged during construction shall be replaced in kind. 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, meter setters, rings & lids, 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.

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 Evergy at 261-6828.

22. Temporary Blow-off Valves necessary to flush lines at existing water line tie-ins shall be installed and removed prior to final connections. Cost to be SUBSIDIARY to other items in the project.

23. 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.

24. The Contractor shall have the option to install the proposed waterline by trenchless methods under the existing driveways instead of the open cut method as shown. No additional compensation will be allowed for this option.

25. The Contractor shall maintain access to all sites at al times.

26. All waterlines fittings and valves shall be restrained joint. The length of the restrained joint pipe shall be in accordance with the manufacture's recommendations.

27. The Contractor shall restore the pipe trench and surrounding disturbed areas per City of Wichita specifications as the projects progresses. The Contractor will be limited to 1,500' of unrestored trench before beginning the restoration process.

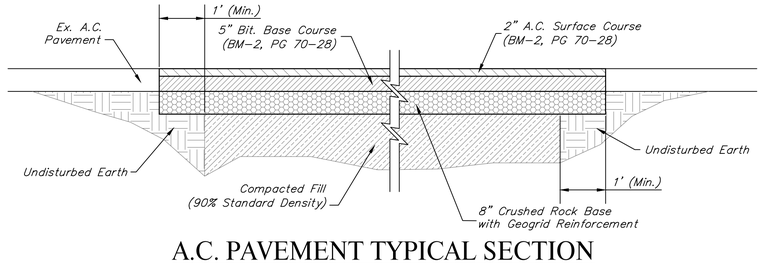
RECAPITULATION OF PROJECT QUANTITIES

ITEM	QUANTITY TOTAL	UNIT
LUMP SUM BID ITEMS - WATERLINE		
SITE CLEARING	1	Lump Sum
SITE RESTORATION	1	Lump Sum
SEEDING	1	Lump Sum
TRAFFIC CONTROL	1	Lump Sum
MEASURED QUANTITY BID ITEMS - WATERLINE		
PIPE, WL 12"	4,453	L.F.
PIPE, WL 16"	1,589	L.F.
PIPE, DICL 8"	24	L.F.
PIPE, DICL 12"	18	L.F.
PIPE, WL 12" (Restrained Joint) (Trenchless)	619	L.F.
PIPE, WL 16" (Restrained Joint) (Trenchless)	50	L.F.
VALVE ASSEMBLY, ANCHORED 8"	2	Each
VALVE ASSEMBLY, ANCHORED 12"	3	Each
VALVE ASSEMBLY, 12"	4	Each
VALVE ASSEMBLY, ANCHORED 16"	1	Each
FIRE HYDRANT ASSEMBLY	6	Each
FIRE HYDRANT ASSEMBLY (Special)	1	Each
1" VALVE ASSEMBLY, AIR RELEASE	5	Each
2" VALVE ASSEMBLY, BLOWOFF	3	Each
MEASURED QUANTITY BID ITEMS - PAVING		
REMOVE & REPLACE CONCRETE DRIVE PAVEMENT	333	S.F.
REMOVE & REPLACE ASPHALT PAVEMENT	100	S.F.
MEASURED QUANTITY BID ITEMS - EROSION CONTROL		
BMP, DITCH CHECK	3	Each
BMP, CONSTRUCTION ENTRANCE	2	Each
BMP, CURB INLET PROTECTION	28	Each
BMP, DROP INLET PROTECTION	1	Each

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)	James Walburn	260-7491	833-0661
Electric	Evergy	Miles Capps	261-6512	
Gas	Black Hills Energy	Kelly Kraus	941-1628	250-3628
Gas	Kansas Gas Service	Joe Bridgewater	832-3158	
Telephone	AT&T	Jason Edwards	268-2008	800-286-8313
Water	Engineering Department	Greg Lolley	268-4334	268-4908
Storm Water Sewer	Wichita SWS Maintenance	Kelly Fleming	268-4326	
Sanitary Sewer	Engineering Maintenance	LaDonna Lawrenz	268-4329	262-6000



A.C. PAVEMENT TYPICAL SECTION

SCOTT R. SEVIS 17897 9/9/20 KANSAS PROFESSIONAL ENGINEER

Drawing File: E:\Projects\Kellogg Water-135th to 119th\Civil 3d\Base.dwg [Notepage]

Design: SRS
Drawn: SRS
Approved: SRS
Scale: NOTED

Project No. 1604-E437 CAPITAL IMPROVEMENT PROJECT

GENERAL NOTEPAGE

WEST KELLOGG WATER MAIN EXTENSION

Baughman Company , P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

April 2017

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