

GENERAL NOTES

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

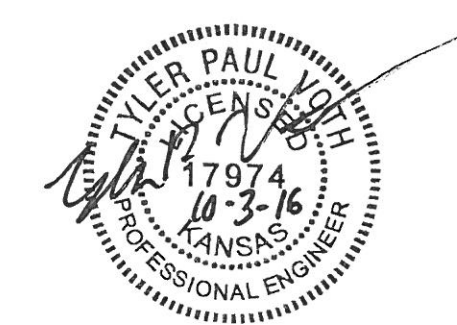
- Contractor shall be responsible for implementing erosion control methods during construction to prevent unnecessary silt/sediment discharge through downstream properties and/or storm sewer systems. Contractor shall install and maintain erosion controls as directed by the Engineer. These controls may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

| 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" | 60 | L.F. |
| PIPE, WL 16" | 2,016 | L.F. |
| PIPE, DICL 12" | 5 | L.F. |
| PIPE, DICL 16" | 10 | L.F. |
| PIPE, WL 12" (Restrained Joint) | 405 | L.F. |
| PIPE, WL 16" (Restrained Joint) | 462 | L.F. |
| FILL, SAND (Flushed & Vibrated) | 2,091 | L.F. |
| VALVE ASSEMBLY, ANCHORED 12" | 2 | Each |
| VALVE ASSEMBLY, ANCHORED 16" | 4 | Each |
| FIRE HYDRANT ASSEMBLY | 3 | Each |
| VALVE ASSEMBLY, AIR RELEASE | 2 | 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 | 833-1761 |
| Electric | Westar Energy | 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 | Wichita Water Department | Greg Lolley | 268-4555 | 268-4908 |
| Storm Water Sewer | Wichita SWS Maintenance | Kelly Fleming | 268-4326 | |
| Sanitary Sewer | Wichita Sewer Maintenance | Bill Perkins | 268-4024 | 262-6000 |



Drawing File: E:\Projects\Ridge & MacArthur Water\Civil M\Water Base.dwg (Notpage)

Design: TPV
 Drawn: TPV
 Approved: TPV
 Scale: NOTED

Project No. 1604E413 CAPITAL IMPROVEMENT PROJECT

GENERAL NOTEPAGE

RIIDGE ROAD & MACARTHUR AVENUE WATERLINE IMPROVEMENTS

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

September 2016

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