

File: F:\Projects\Projects 4700-4799\4701W (Rose Marie waterline replacement)\4701W Water Details-Part A.dwg, Last Save: 4/2/2018 10:57 AM, Last saved by: DRS\standrich
 Last plotted by: Standrich, R., Plot Style: ---, Plot Scale: 1:2.5849, Plot Date: 4/2/2018 12:38 PM, Plotter used: None

GENERAL NOTES:

- The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

Kansas One-Call	687-2470
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The Contractor must notify the following in case of an emergency:

Cox Communications	260-7491
Kansas Gas Service	1-888-482-4950
Black Hills Energy	941-1628
Westar	383-8600
AT&T	316-268-2008
City of Wichita Water Department	262-6000
City of Wichita Sewer Maintenance	262-6000
- Utility service lines, poles, etc. 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.
- 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, in the opinion of the Engineer, that 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 States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits will require additional archaeological investigations unless buried in a previously approved borrow location.
- 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 Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- 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 in accordance with state laws.
- The Water Distribution Division 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, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valve boxes and water meters within the project limits shall be adjusted to match field grades.
- If traffic will be impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibly.
- All elevations shown are NAVD 88.
- All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.
- Opening and closing of water valves shall be done slowly to prevent damage to the water distributions system from water hammer. All valves 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 water valves only when the project inspector assigned to the project is present.

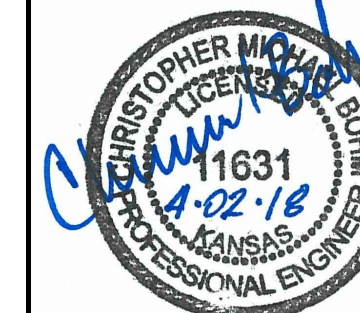
- The Contractor shall lay a Tracer Wire and Set Test Stations along all water pipe installed in accordance with City Specifications and Tracer Wire Detail on detail sheet WL-101, cost is subsidiary to pipe installation.
- The contractor shall provide materials for temporary blowoff of waterlines. Connections to the existing waterline(s) shall be made with clean, swabbed pipe and flushed upon completion of tie-ins.
- Requests for short term water interruptions shall be made to the City Water Distribution Division and will be subject to their approval. The Contractor shall give written notice to any property owner, business, and/or tenants that will have water service interrupted at least 5 days in advance. Such notifications should indicate the time and date that the water will be turned off and when the service will be restored. No business, property owner, and/or tenants shall be without water service for more than 8 hours. Proposed tie in locations which will affect water service to property owners shall be preformed during non-peak hours.
- The Contractor must schedule the connections to the existing main with the City such that there is a minimum disruption of service. Connections shall be made during periods of low water usage. The Contractor shall submit his proposed schedule for completing work for City approval at least 10 days prior to beginning construction.
- Deflections at pipe joint or couplings shall not exceed the pipe manufactures recommended maximum. Where deflections are greater than the maximum allowed, the contractor shall utilize CI MJ Long Sleeve or Multiple Joints.
- Any extension greater than one length of pipe shall require testing.
- Any existing waterline joint exposed during excavation shall be replaced if within four feet of proposed joint.
- Valves 12 inch and larger are to be operated by the City Water Distribution Division, 48 hours of advance notice is required.
- Where notes call out to install tapping sleeves and tapping valves, the City of Wichita will provide and install. The Valve Box will be provided by the City of Wichita and INSTALLED BY THE CONTRACTOR. The Contractor MUST install the blocking and the Valve Box, with the Valve Box installed at grade. All other fittings shall be considered subsidiary to the project.
- The Contractor shall protect from damage and support existing utilities through constructions as approved by the utility owner and the Engineer at the contractors expense.
- Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.
- Any sidewalk, drive approach, curb, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.
- All cuts and caps of lines that will be attached to live mains need to be within 2 feet of the existing connection.
- Contractor shall protect existing water mains and sewer mains. All existing water mains are to remain operational until the new mains have been constructed and accepted by COW. Contractor to maintain 12" vertical & horizontal separation from all existing water mains.
- The contractor shall return all salvaged valves, hydrants, hydrant fittings, meter setters, 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.
- Existing service lines to be abandoned shall be cut and capped. Existing meter boxes, meter setters, rings and lids shall be also be returned by the contractor to 1825 S. McLean Blvd.
- The Contractor will use restraint systems at all fittings.
 - Thrust blocking at these locations is not required.
 - Fire hydrant leads do not need to be restrained joints, but either side of the tee must be restrained.
 - The City WILL NOT provide a restrained gland pack at the City installed taps, these must be provided by the Contractor.
- The unit price bid for new service lines shall include the cost of the service line, the new meter box, meter box ring and lid, new meter setter, installation of the new meter in the new box, new copper pigtail and new corporation in the new water main. 21" PVC boxes with no damage may be reused.
- The meters within the project limits should be equipped with Automated Meter Reading (AMR) technologies. These 5/8"

meters will be re-installed with approved gaskets and adapters. Costs to be subsidiary to Long and Short Services bid items.

- Sprinkler Systems: The contractor is required to repair damage that includes, but is not entirely limited to, minor items such as pipe, irrigation head repair/replacement. These repairs shall be subsidiary to other items. The contractor is not expected to repair or reconfigure major components such valves, controllers, backflow preventers, etc. but all existing connections to the service line or meter shall be in place and working at the conclusion of the project. The contractor is required to protect major components from damage. Any damage caused due to negligence must be replaced at the contractor's expense.
- The cost to Remove & Reset signs shall be considered Subsidiary to the project. Contractor to Remove & Reset signs and provide temporary signs as necessary.
- Sand Fill, Jet, & Vibrate all fill under pavement.
- Sidewalk to be Removed & Replaced as necessary for Construction. No additional payment shall be made for this work, Subsidiary to other pay items.
- All water line disconnects are Subsidiary to the Bid Item "Water Abandon Existing System."



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REV.	DATE	DESCRIPTION	BY



City of Wichita
 Wichita, Kansas

ROSE MARIE WATER - Part B

General Notes

JOB NO.: 16264701
 DATE: March 2018
 DESIGNED BY: CMB
 DRAWN BY: DRS

BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

DRAWING NUMBER

SHEET NUMBER 1 OF 57