

# WATER GENERAL NOTES

- All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main Installations.
- Opening and closing of water valves shall be done slowly to prevent damage to the distribution system by 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 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.
- Existing water mains and service connections are to remain in service until proposed new mains have been completed and tested. 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.
- All Costs associated with Killing and Cutting Corp. Stops and Abandonment of Existing Water Lines In Place shall be considered SUBSIDIARY to the project.
- All pipe trench under new pavement shall be back filled with sand, which shall be flushed with water and vibrated. To be paid as the Measured Quantity Bid Item "Fill, Sand (Flushed & Vibrated)".
- All Existing Utilities crossing the Water Line trench not in conflict with the Water line shall be relocated, replace, or supported by the contractor. Such work shall not be paid for directly.

## RECAPITULATION OF WATER QUANTITIES

Project #448-90530

OCA #636251

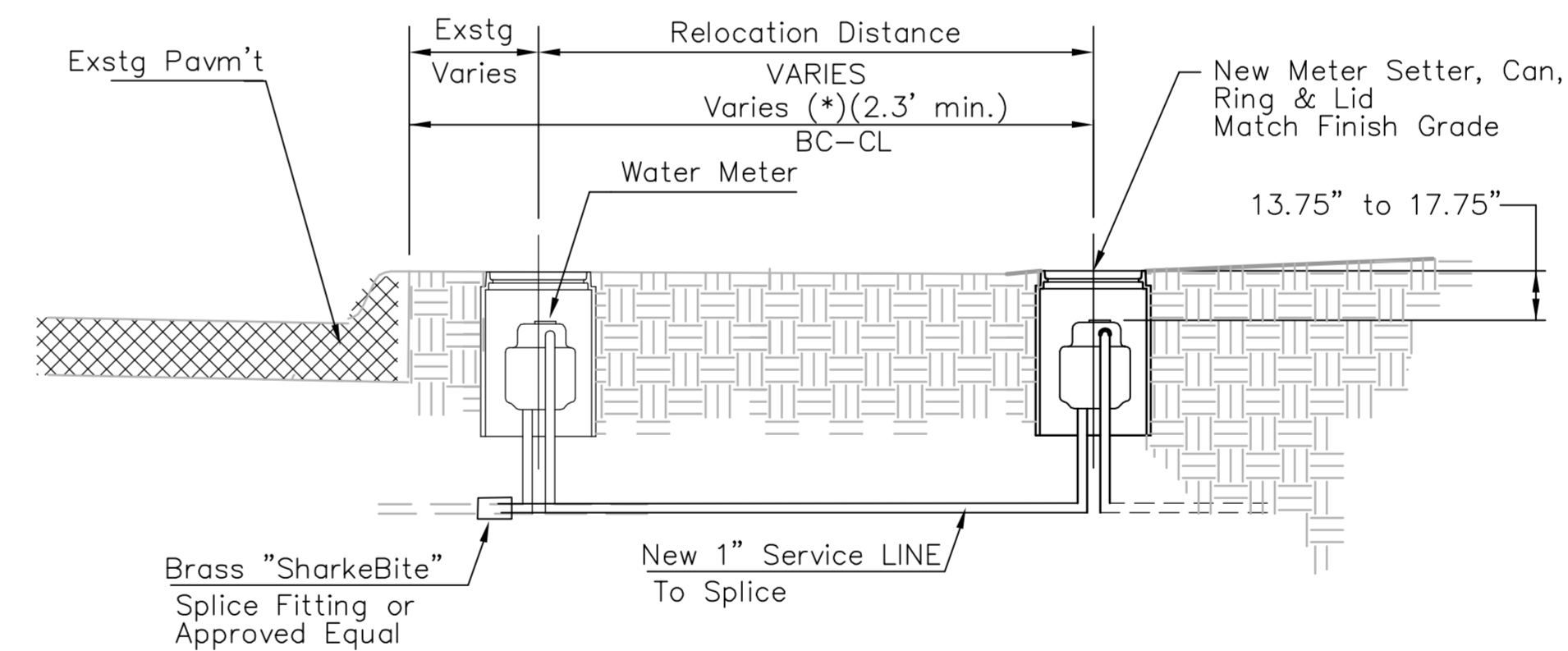
RECAPITULATION OF PROJECT QUANTITIES		
ITEM	QUANTITY TOTAL	UNIT
MEASURED QUANTITY BID ITEMS		
PIPE, WL 16"	12	Ft.
PIPE, DI CL 16"	117	Ft.
FIRE HYDRANT RELOCATION	4	Each
VALVE BOX ADJUSTED	11	Each
SERVICE CONNECTION RELOCATED	4	Each
FILL, SAND (Flushed & Vibrated)	129	L.F.

### VALVE BOX ADJUSTED

Station	Roadway	Side
28+37	Tyler Road	45' Lt.
29+10	Tyler Road	43' Lt.
39+55	Tyler Road	55' Rt.
41+04	Tyler Road	43' Lt.
41+07	Tyler Road	45' Lt.
45+78	Tyler Road	46' Lt.
45+81	Tyler Road	45' Lt.
46+63	Tyler Road	43' Lt.
54+66	Tyler Road	43' Lt.
54+79	Tyler Road	46' Lt.
55+81	Tyler Road	42' Lt.

### SERVICE CONNECTION RELOCATED

Address	B.L. Station	Exist Offset from BL	New Offset from BL	Exist Elev	New Elev	Remarks
2240 N. Tyler	15+65	29' Rt	33.5' Rt	1354.58	1354.20	Splice Service
2240 N. Tyler	15+67	32' Rt	33.5' Rt	1355.13	1354.19	Splice Service
2240 N. Tyler	15+68	29' Rt	33.5' Rt	1354.51	1354.18	Splice Service
2240 N. Tyler	51+69	22' Lt	28.5' Lt	1364.80	1364.74	



Typical Water Meter Installation Detail

(\*) Relocation of all water meters in conflict with construction of this project will be accomplished in conjunction with construction. Location of meter(s) will be typically set at least 2.3 ft. from the back of existing curbline to the centerline of meter box unless otherwise as directed by the Field Engineer.

The top of the meter box to be field set typically to match finish grade elevations unless otherwise as directed by the Field Engineer.

Replace meter setter, can, ring & lid. All work and materials required is to be SUBSIDIARY to the Bid Item "Service Connection Relocated."

NOTE: Each meter setter shall require its own can, ring, & lid.

The distance of the "SharkBite" splice fitting from the new meter box shall noted on the As Built Plans.

Drawing File: E:\Projects\Tyler 21st to 29th\Details\Wmtables.dwg

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

Project No. 1012E575 CAPITAL IMPROVEMENTS PROJECT

TYLER ROAD  
 WATER METER RELOCATIONS  
 TYLER ROAD/21ST STREET NORTH to 29TH STREET NORTH

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 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

July 2011

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