

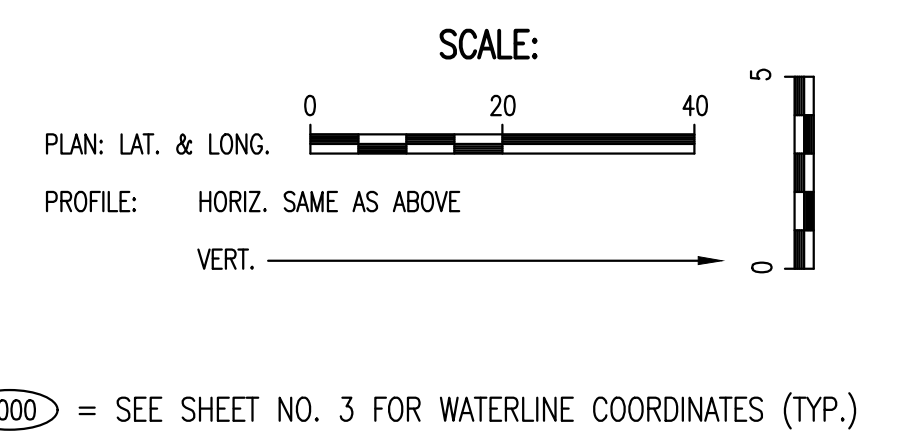
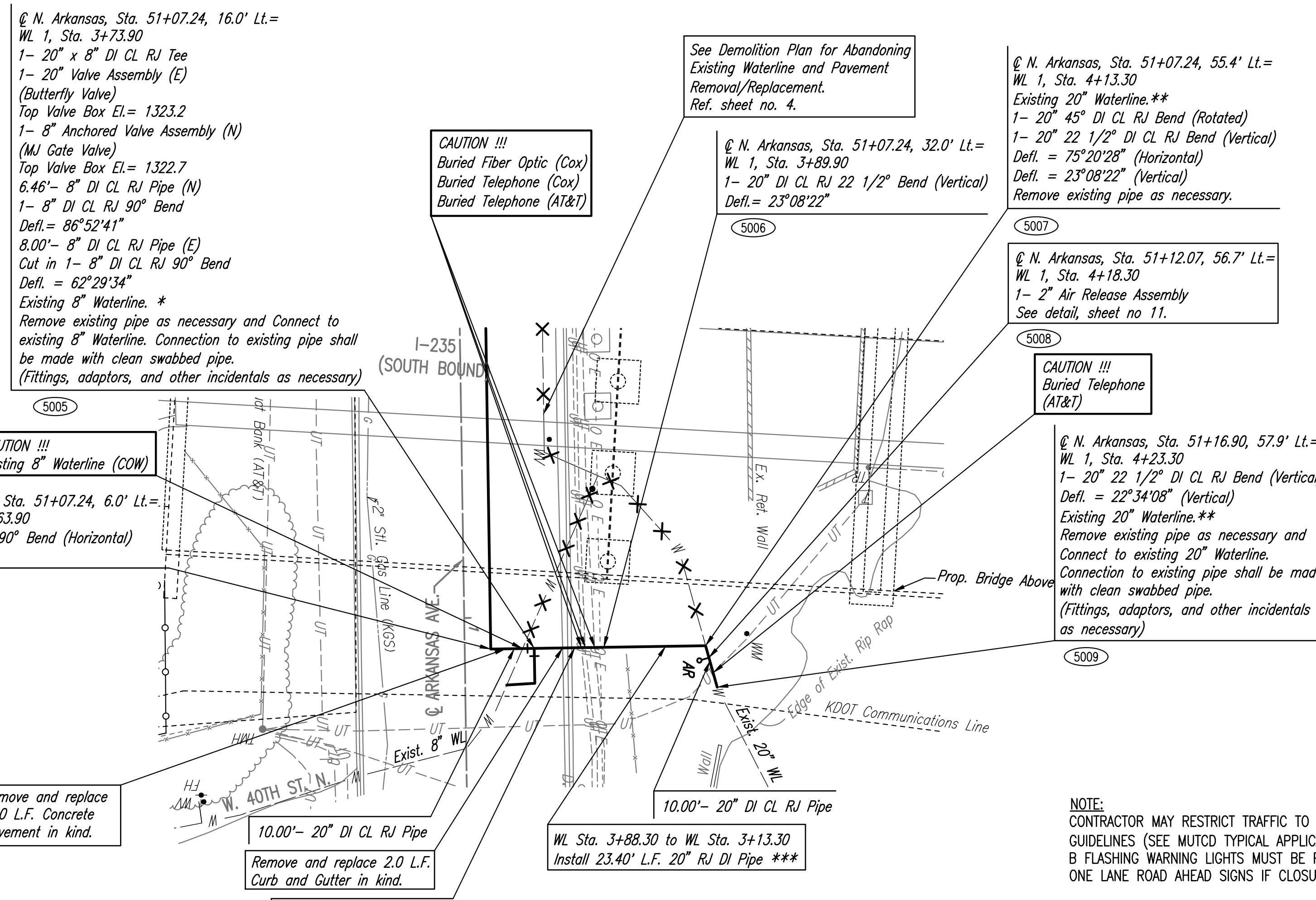
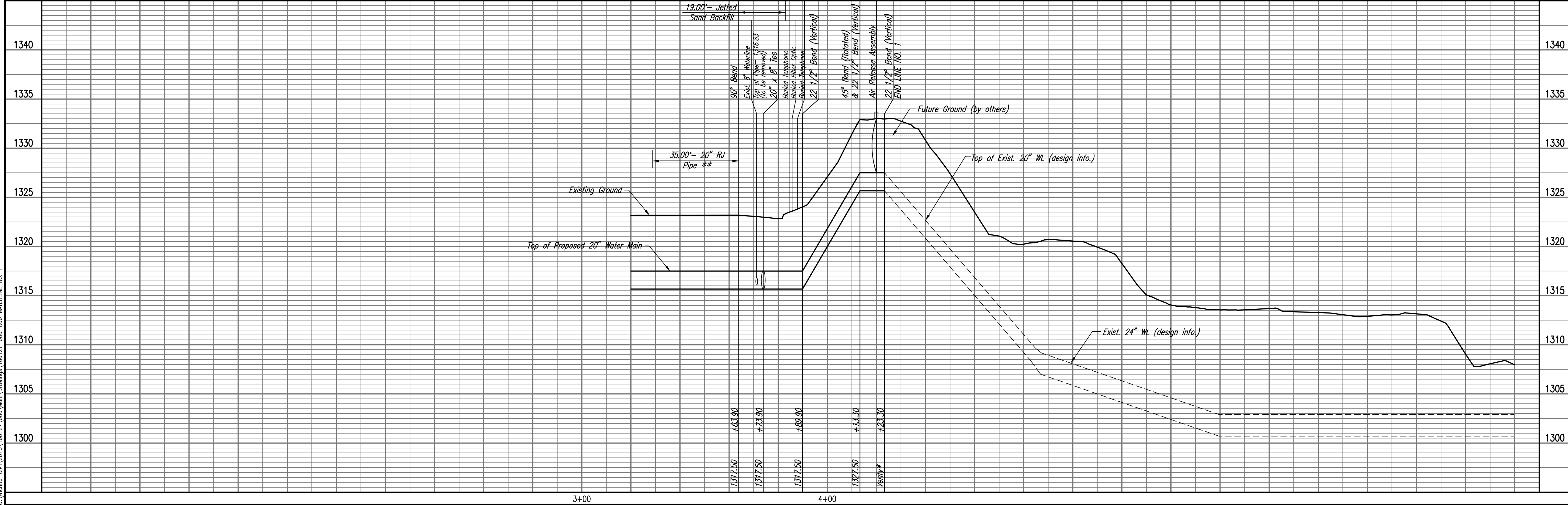
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**CONNECTION DETAIL NOTES**

- CONTRACTOR SHALL NOTIFY CITY WATER DEPARTMENT A MINIMUM OF 48 HOURS BEFORE ANY CONSTRUCTION BEGINS. TIE-INS SHALL OCCUR DURING PERIODS OF LOW WATER USE. CONTRACTOR SHALL SUBMIT A SCHEDULE DEPICTING DATE AND TIME OF SHUTDOWN TO THE CITY WATER DEPARTMENT FOR APPROVAL AT LEAST 2 WEEKS IN ADVANCE OF SHUTDOWN.
- CONTRACTOR SHALL EXCAVATE THE EXISTING WATERLINE TO VERIFY JOINT LAYOUT, DEPTH, AND CONNECTION DETAIL.
- CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF LAYING DIRECTION, SIZE, OR SPECIFIED MATERIAL TYPE DIFFERS FROM THE DETAILED DRAWING. THERE WILL NOT BE A CHANGE ORDER FOR OPPOSITE LAYING DIRECTION OR FOR MATERIAL TYPE DIFFERENCES.
- CONTRACTOR SHALL EXCAVATE EXISTING 20" PIPE AND LOCATE NEAREST JOINT AT WL 1 STA. 4+13.30. EXISTING 20" PIPE SHALL BE REMOVED TO THE NEAREST JOINT.
- CONTRACTOR SHALL HAVE FITTINGS, VALVES, AND APPURTENANCES ON SITE TO COMPLETE THE CONNECTION TO THE EXISTING WATERLINE BEFORE REMOVING ANY EXISTING WATERLINES.
- ALL OVER EXCAVATED AREAS AT THE TIE IN LOCATION SHALL BE FILLED OR ENCASED WITH EXCAVATABLE FLOWABLE FILL.
- THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE, TIE RODS, OR OTHER APPROVAL METHODS TO RESTRAIN ALL VALVES, FITTINGS, AND PIPING AT THE VALVE AND CONNECTION LOCATIONS.
- ALL COUPLINGS AND DUCTILE IRON FITTINGS AND APPURTENANCES SHALL BE POLY WRAPPED PER THE SPECIFICATIONS.
- THE CONTRACTOR SHALL CONTACT THE CITY OF WICHITA PRIOR TO MAKING CONNECTION. CONTACT GREG LOLLEY AT 268-4555 TO SCHEDULE ALL PAVEMENT CUTS, EXCAVATION, THRUST BLOCKING, BACKFILLING, PAVEMENT RECONSTRUCTION, PIPE, FITTINGS, VALVES AND PIPE MATERIALS AND OTHER INCIDENTALS NECESSARY FOR THE NEW CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

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Unless noted otherwise, elevations shown are top of pipe



- \* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 8" WATERLINE AT WL 1, STA. 3+73.90 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.
- \*\* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 20" WATERLINE AT WL 1, STA. 4+13.30 AND WL 1, STA. 4+23.30 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.
- \*\*\* ALL FITTINGS AND VALVES TO BE RESTRAINED JOINT. RESTRAINED JOINT PIPE SHALL BE ONE-LOK OR APPROVED EQUAL.

NOTE:  
CONTRACTOR MAY RESTRICT TRAFFIC TO ONE LANE ACCORDING TO MUTCD GUIDELINES (SEE MUTCD TYPICAL APPLICATION 11 AND FIGURE 6H-11). TYPE B FLASHING WARNING LIGHTS MUST BE PLACED ON THE ROADWORK AHEAD AND ONE LANE ROAD AHEAD SIGNS IF CLOSURE WILL BE IN PLACE OVERNIGHT

X = DENOTES PIPE TO BE REMOVED.  
C = DENOTES CAP/PLUG BY THE CONTRACTOR



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Plot Scale: 1:1 10-05-2017 8:02:46 AM  
U:\Wichita-Civil\2016\160127\000\Wm\Drawings\160127-000-006 WATERLINE NO. 1

**PEC**  
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316-262-2691 www.pec1.com

Job No. 160127-000-0042  
Date SEPTEMBER 2016

Designed By JAG, SAU  
Drawn By CSL, KTD

GARY JANZEN, P.E. - CITY ENGINEER  
CITY OF WICHITA PROJECT NO. 448-90739

UTILITY RELOCATIONS FOR I-235 BRIDGE REPLACEMENTS  
**WATERLINE NO. 1**

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