℄ N. Arkansas, Sta. 47+48.88, 19.0' Lt.=
WL 1, Sta. 0+00.00
Existing 20" Waterline.*
1– 20" 45° DI CL RJ Bend
Defl. = 46°13'20"
Remove existing pipe as necessary and Connect to existing 20" Waterline.
Connection to existing pipe shall be made with clean swabbed pipe. (Fittings, adaptors, and other incidentals as necessary)

5001

℄ N. Arkansas, Sta. 47+61.33, 6.0' Lt.=
WL 1, Sta. 0+18.00
1– 20" DI CL RJ 45° Bend (Horizontal)
Defl.= 46°14'18"

5002

℄ N. Arkansas, Sta. 47+76.34, 6.0' Lt.=
WL 1, Sta. 0+33.00
1– 20" x 8" DI CL RJ Tee
1– 8" Anchored Valve Assembly (E)
(MJ Gate Valve)
1– 20" Line Valve Assembly (N)
(MJ Butterfly Valve)
Top Valve Box El.= 1322.7 (E)
Top Valve Box El.= 1322.7 (N)

5003

CAUTION !!!
8" Waterline
(City of Wichita)

See Demolition Plan for Abandoning Existing Waterline and Pavement Removal/Replacement.
Ref. sheet no. 4.

℄ N. Arkansas, Sta. 51+07.24, 6.0' Lt.=
WL 1, Sta. 3+63.90
1– 20" DI CL RJ 90° Bend (Horizontal)
Defl.= 90°00'00"
MATCH POINT

5004

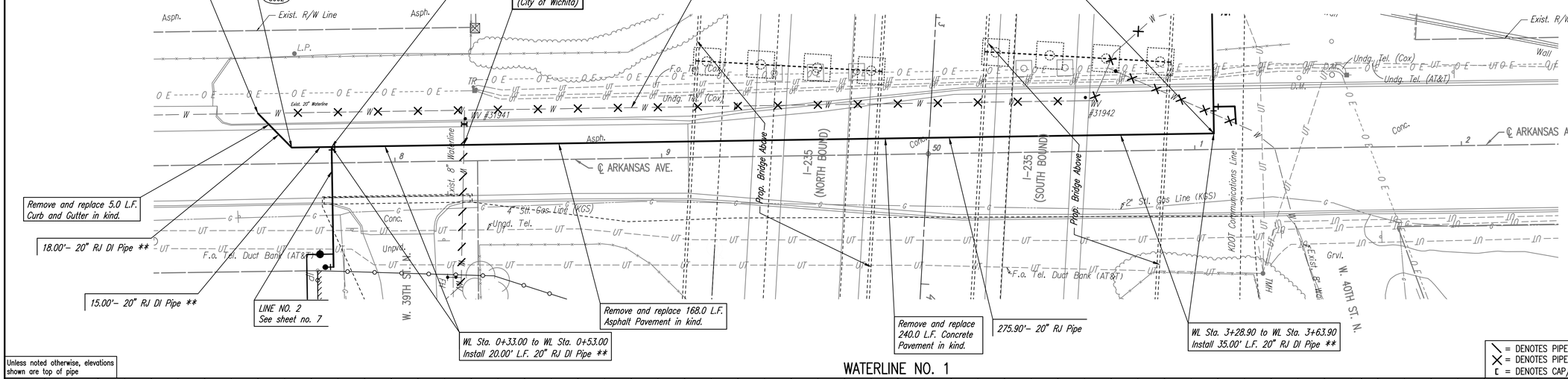
* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 20" WATERLINE AT STATION 0+00.00 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL 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.

SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT. 5 0

5000 = SEE SHEET NO. 3 FOR WATERLINE COORDINATES (TYP.)

PEC



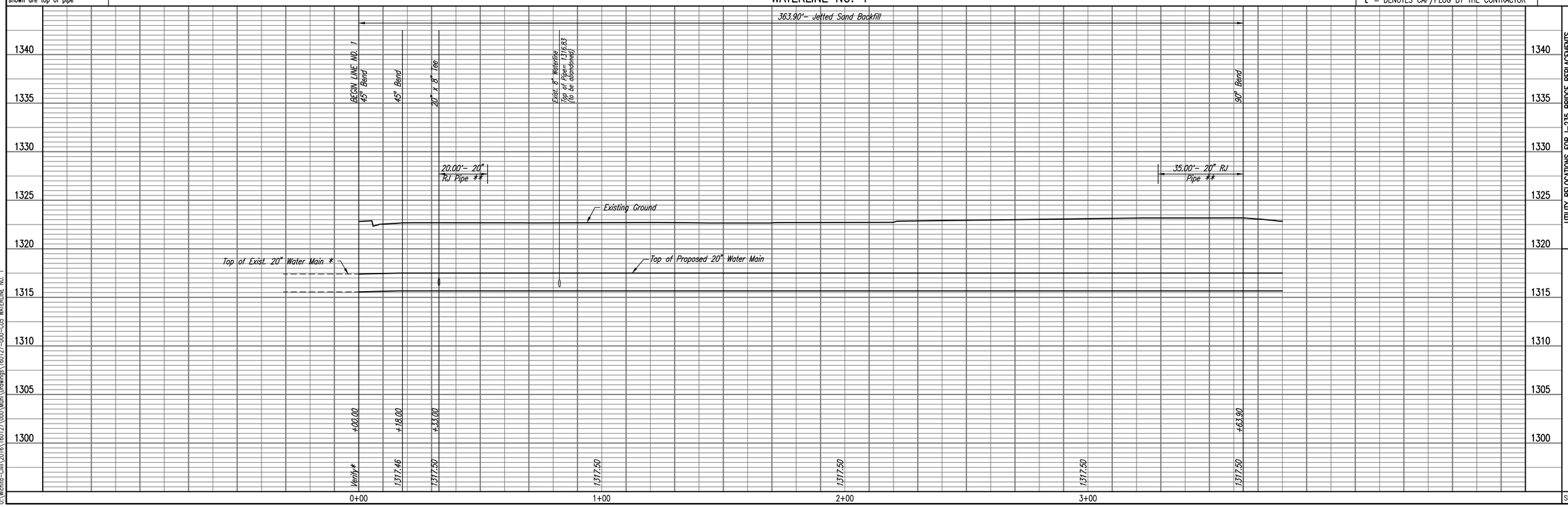
NOTE:
CONTRACTOR MAY RESTRICT TRAFFIC TO ONE LAND ACCORDING TO MUTCD GUIDELINES (SEE MUTCD TYPICAL APPLICATION 11 AND FIGURE 6H–11). TYPE B FLASHING WARNING LIGHTS MUST BE PLACED ON THE ROAD WORK AHEAD AND ONE LAND ROAD AHEAD SIGNS IF CLOSURE WILL BE IN PLACE OVERNIGHT.

JOSHUA GOLK LICENSED ENGINEER 24136 10/05/2017 KANSAS PROFESSIONAL ENGINEER

\ = DENOTES PIPE TO BE ABANDONED IN PLACE.
X = DENOTES PIPE TO BE REMOVED.
℄ = DENOTES CAP/PLUG BY THE CONTRACTOR

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1



UTILITY RELOCATIONS FOR I–235 BRIDGE REPLACEMENTS
WATERLINE NO. 1
CARY JANZEN, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448–90739

PEC
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
303 SOUTH TOPEKA WICHITA, KS 67202
316-262-2691 www.pec1.com

Job No.	160127–000–0042
Date	SEPTEMBER 2016
Designed By	JAG, SAD
Drawn By	CSL, KTD
Checked By	CHECKED
Checked By	CHECKED

Sheet 5 of 22

PLAN: BY | DATE | CHECKED | CHECKED

PROFILE: BY | DATE | CHECKED | CHECKED

Saved 10–03–2017 1:38:51 PM by CSL
Plotted: 10/4/2017 8:02:51 AM by CATHY LINK
U:\Wichita–Civil\2016\160127\000\Mun\Drawings\160127–000–C05 WATERLINE NO. 1