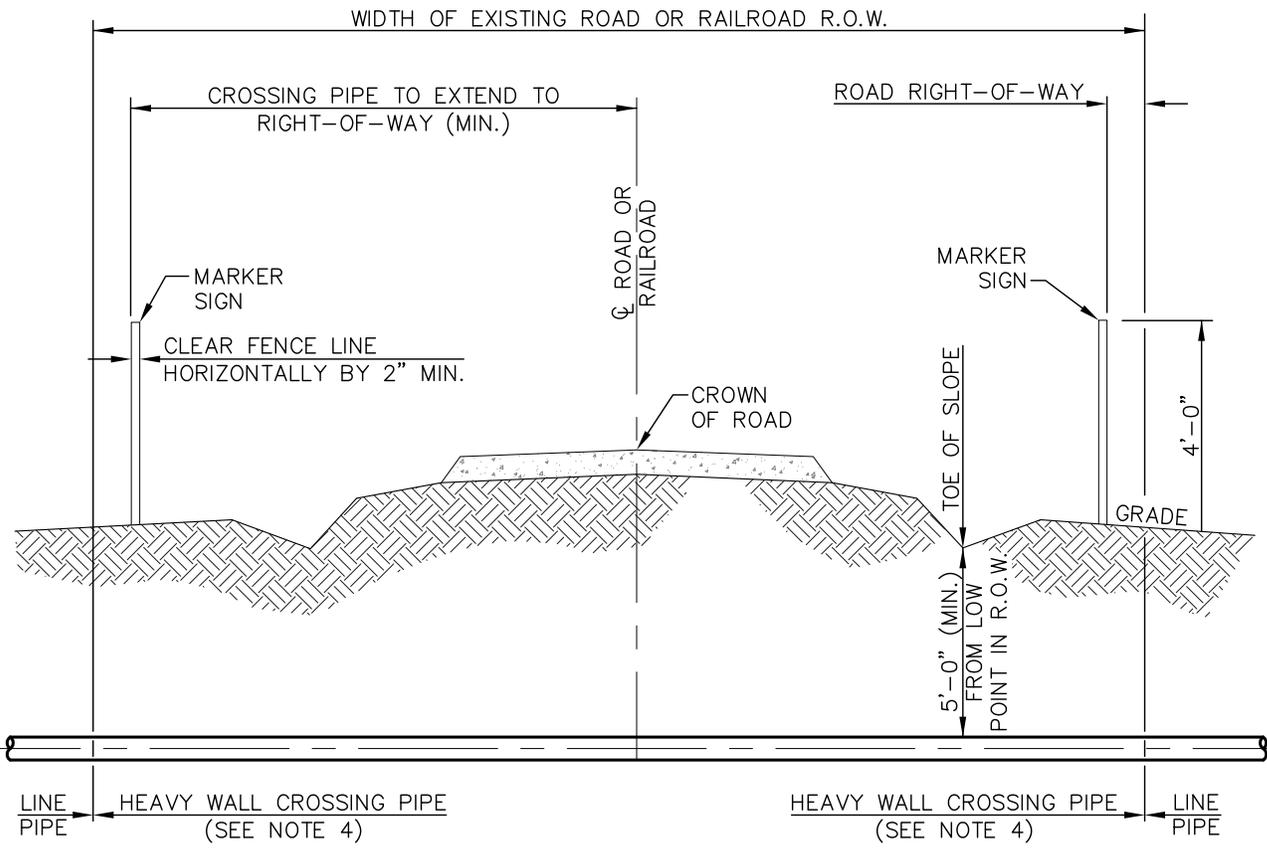
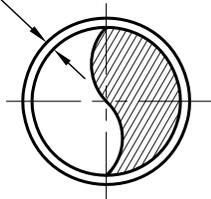


G:\2000Drawings\GIS\CADFiles\Drawings\ER\FIGURE\_2.1-16.dwg 6/15/2009 3:49:00 PM CDT

2	REVISED DWG. NUMBER
1	Updated drawing notes



BORE ANNULUS TO BE NO LARGER THAN 1\"/>



NOTES:

- CROSSINGS SHALL BE IN ACCORDANCE WITH APPLICABLE PERMIT.
- ROAD CROSSING PIPE SHALL EXTEND AT MINIMUM TO RIGHT-OF-WAY LINE UNLESS OTHERWISE SPECIFIED.
- THE TYPE AND MINIMUM REQUIRED LENGTH OF PIPE FOR CROSSINGS OF ROADS SHALL BE AS SPECIFIED ON ALIGNMENT SHEETS.
- PIPE FOR BORED CROSSINGS TO INCLUDE ABRASION-RESISTANT (ARB) COATING.
- PIPELINE MARKER AND TEST STATIONS TO BE INSTALLED ON RIGHT-OF-WAY LINE NEXT TO FENCE IF POSSIBLE.
- THE CROSSING PIPE SHALL BE STRAIGHT WITH NO VERTICAL OR HORIZONTAL BENDS WITHIN ROAD RIGHT-OF-WAY.

<p>KEYSTONE XL PROJECT</p> <p>PREPARED BY: TROW ENGINEERING CONSULTANTS, INC. 7505 NW Tiffany Springs Pkwy., Suite 400 Northpointe Circle I Kansas City, MO 64153 Phone: 1-816-801-7063 Fax: 1-816-801-7048</p>	ORIGINATOR:  JOE A. NELSON 11/04/08 NAME DATE	<b>Figure 2.3.3-1</b>	
	CHECKED BY: TW	APPROVED BY: SS	FIA # 1399 CHAINAGE: DISCIPLINE # 03
LAST PLOT DATE: Mon, 15 Jun 2009 - 3:49pm		SCALE N.T.S.	DWG No 1399-03-ML-03-463 REV 2