

NOTES:

- 1) CASING TO EXTEND BEYOND THE CENTERLINE OF TRACK AT RIGHT ANGLES MINIMUM OF 2' BEYOND R/W.
- 2) ALL CROSSING LOCATIONS SHALL BE AS APPROVED BY THE CITY ENGINEER.
- 3) ALL CROSSINGS MUST COMPLY WITH LOCAL, STATE, OR FEDERAL CODES, AND FACILITIES OWNER REQUIREMENTS (UPRR, SCVWD, CalTrans, etc.).
- 4) ALL CASINGS MUST BE SIZED TO ACCOMMODATE UPSIZING PER MASTER PLANS AND AS APPROVED BY CITY ENGINEER.
- 5) THIS STANDARD DETAIL APPLIES TO ALL CROSSING IN COUNTY EXPRESSWAYS, CALTRANS RIGHTS OF WAY, FLOOD CONTRAL RIGHT OF WAY, ETC.

STEEL CASING PIPE WALL THICKNESS CHART	
MINIMUM THICKNESS	DIAMETER OF CASING PIPE
1/4" (0.2500")	12" OR LESS
5/16" (0.3125")	OVER 12" - 18"
3/8" (0.3750")	OVER 18" - 22"
7/16" (0.4375")	OVER 22" - 28"
1/2" (0.5000")	OVER 28" - 34"
9/16" (0.5625")	OVER 34" - 42"
5/8" (0.6250")	OVER 42" - 48"

NOTE: THIS CHART IS ONLY FOR SMOOTH STEEL CASING PIPES WITH MINIMUM YIELD STRENGTH OF 35,000 PSI.

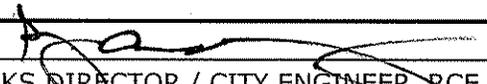
CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING  
NO. 223

REVISION	DATE
1	2010

UTILITY CROSSING  
CASING

DATE : 6/15/10

APPROVED BY:   
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No.40283

SHEET 1 OF 1