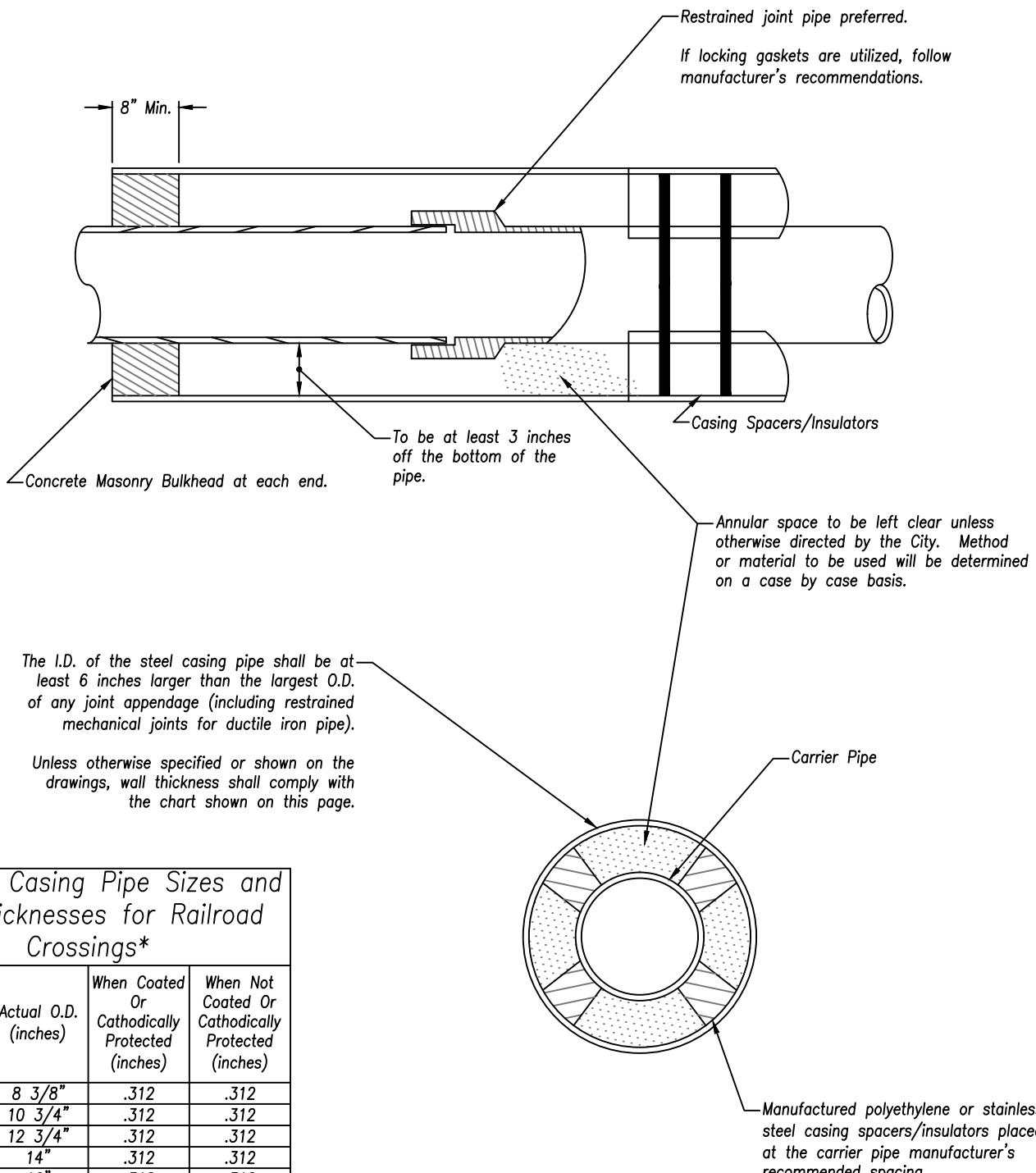


Casing Pipes

DATE: 05/04/2020

SCALE: NONE

FILE: 2020-019.DWG



Required Casing Pipe Sizes and Wall Thicknesses for Railroad Crossings*

Nominal Diameter (inches)	Actual O.D. (inches)	When Coated Or Cathodically Protected (inches)	When Not Coated Or Cathodically Protected (inches)
8"	8 3/8"	.312	.312
10"	10 3/4"	.312	.312
12"	12 3/4"	.312	.312
14"	14"	.312	.312
16"	16"	.312	.312
18"	18"	.312	.312
20" & 22"	20" & 22"	.312	.344
24"	24"	.312	.375

*Based on E80 loadings with a minimum cover of 4'-6".

Steel casing pipe shall have a steel yield strength of 35,000 PSI and meet ASTM A139 Grade B requirements.

No hydrotest required.

Chart based on recommendations of the American Railway Engineering Association.