



PIPE CASING: THE STEEL CASING PIPE SHALL BE MANUFACTURED FROM STEEL CONFORMING TO ASTM: A 139, GRADE B. SIZE AND THICKNESS SHALL BE AS FOLLOWS:

TABLE 107-1 UNDER RAILROADS		
PIPE DIAMETER INCHES (I.D.)	CASING DIAMETER INCHES (I.D.) MIN.	CASING WALL THICKNESS INCHES
6	16	0.250
8	18	0.375
10	20	0.375
12	22	0.375
14	28	0.375
16	30	0.406
18	32	0.406
20	36	0.469
24	42	0.469
30	48	0.500

NOTES:

1. CASING TO BE STEEL PIPE (ROUND) WITH 45° BEVELED EDGES.
2. ALL CUTS TO BE SQUARED TO END.
3. JOIN ALL PIPE WITH DOUBLE BEAD BUTT WELDS.
4. AUGER HEAD DIAMETER CANNOT EXCEED DIAMETER OF CASING BY MORE THAN 2 INCHES.
5. BORING AND CASING SHALL BE INSTALLED SIMULTANEOUSLY.
6. ANYTHING 6" OR LARGER REQUIRES BORE AND CASE.
7. CASING PIPE SHALL HAVE A PROTECTIVE COATING CONSISTING OF A COAL-TAR PRIMER COAT AND AN APPLICATION OF HOT COAL-TAR ENAMEL 3/32" (± 1/32") THICK PLUS A BONDED 15 LB. ASBESTOS WRAP.
8. PIT TO BE NO CLOSER THAN 4' BEHIND CURB OR EDGE OF PAVEMENT.
9. TYPICAL PIT IS 32' LONG BY 10' WIDE.
10. THREE STAINLESS STEEL CASING SPACERS ARE REQUIRED PER JOINT.
11. CARRIER PIPE SHALL BE DUCTILE IRON.
12. FIELD LOCKING GASKETS REQUIRED INSIDE OF CASING.
13. ALL BORING MUST BE APPROVED AND A PERMIT OBTAINED FROM PUBLIC WORKS (404) 612-7400 AND AUTHORITIES HAVING JURISDICTION AS REQUIRED.

* SEE DRAWING NO. 129 FOR RAILROAD, INTERSTATE HIGHWAY AND SPACER DETAILS.

TABLE 107-2 UNDER HIGHWAYS			
PIPE DIAMETER INCHES (I.D.)	BELL OD	CASING DIAMETER INCHES (I.D.) MIN.	WALL THICKNESS INCHES
6	9.19	16	0.250
8	11.33	18	0.250
10	13.56	20	0.250
12	15.74	22	0.375
14	21.43	28	0.375
16	23.7	30	0.375
18	25.82	32	0.375
20	29.88	36	0.375
24	36.34	42	0.500
30	38.30	48	0.500

95% SUBMITTAL

<p>FULTON COUNTY STANDARD DETAIL 107</p> <p>ROADWAY CROSSING BORE AND CASE DETAIL</p>		DATE M/Y XXX	REVISIONS	DATE M/Y XXX	REVISIONS	DGS/DRN/CHKD: <u> XXX </u> APPROVED: <u> XXX </u> DATE: <u> XX-X-XX </u>	<p>FULTON COUNTY PUBLIC WORKS 141 PRYOR ST. ATLANTA, GA. 30303 404-612-7400 FAX: 404-224-0498</p>	DRAWING NO. 107