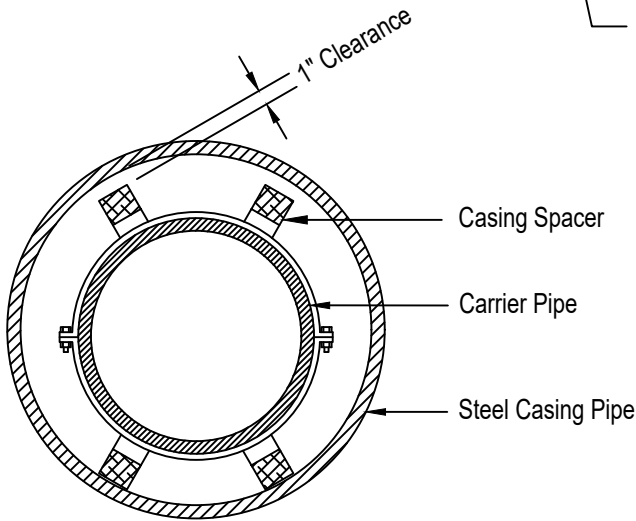
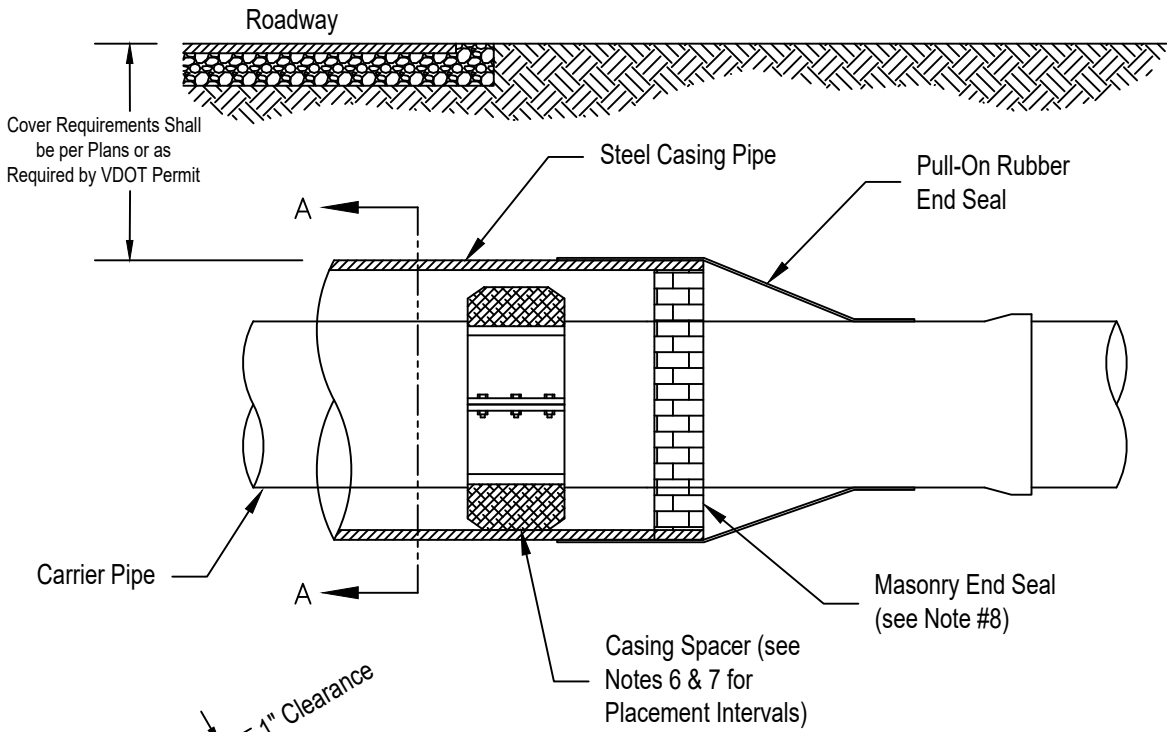


**Notes:**

1. Ductile iron carrier pipe shall be connected with restrained joint. C-900 PVC carrier pipe shall be a minimum of DR 18 and restrained using approved bell restraint harness.
2. Consult the manufacturer of the carrier pipe as to whether pipe should be pushed or pulled through casing. Installation shall conform to manufacturer's recommendation for the type of joint employed.
3. Casing spacers shall be sized to center the carrier pipe within the casing.
4. For casings 48" and larger, weld a runner in the bottom of the casing to prevent the carrier pipe from spinning during installation.
5. See plans for length of casing pipe (adjust in field as directed by Authority Inspector).
6. A minimum of 3 casing spacers required per length of ductile iron pipe with a maximum separation of 8-ft from centerline and a minimum of 4 casing spacers required per length of PVC pipe with a maximum separation of 6-ft from centerline or as required by the pipe or spacer manufacturer's recommendation, whichever requires the most spacers.
7. In all instances, a spacer shall be placed to support the carrier pipe within 2' of all pipe joints and each end of the casing.
8. The ends of the steel casing pipe shall be sealed with brick and mortar.
9. All materials must conform to the applicable sections of the Fauquier County Water and Sanitation Authority's Approved Materials List.



**Section A-A**

Carrier Pipe Size	Minimum Casing Pipe Size
4"	14"
6"	16"
8"	20"
10"/12"	24"
16"/18"	30"
20"	36"
24"	42"
30"	48"
36"	54"

**G-05**



Fauquier County  
Water and Sanitation Authority

**Steel Casing Detail**

Not to Scale

Revised: 03/26/26