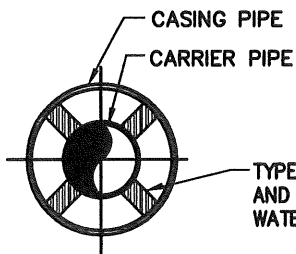


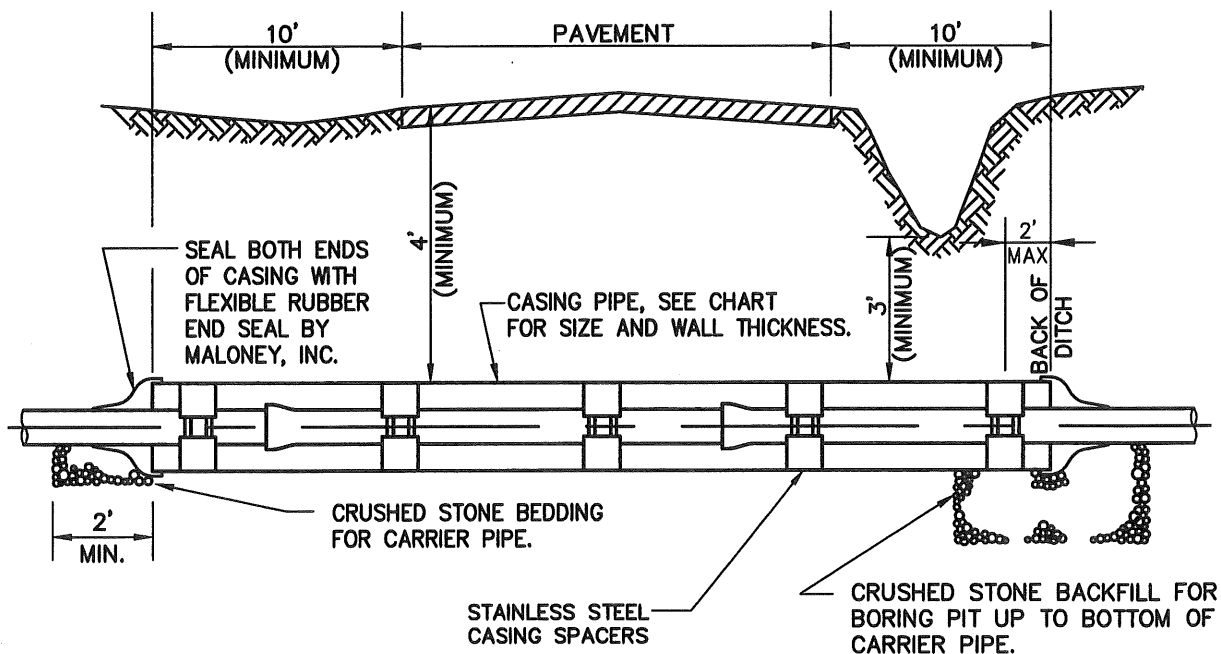
**NOTES**

1. INSTALL CASING BY BORING AND JACKING, UNLESS OTHERWISE NOTED.
2. CARRIER PIPE IN CASING SHALL BE DUCTILE IRON PIPE, PUSH-ON JOINTS WITH RESTRAINED JOINTS, U.S. PIPE FIELD LOK OR EQUAL.

| DUCTILE IRON CARRIER PIPE |          | STEEL CASING PIPE |             |
|---------------------------|----------|-------------------|-------------|
| INSIDE DIA.               | MAX O.D. | NOMINAL DIA.      | WALL THICK. |
| 6"                        | 9"       | 12"               | 0.250"      |
| 8"                        | 11 1/4"  | 16"               | 0.250"      |
| 10"                       | 13 1/2"  | 18"               | 0.250"      |
| 12"                       | 15 1/2"  | 20"               | 0.375"      |
| 14"                       | 17 3/4"  | 22"               | 0.375"      |
| 16"                       | 20"      | 24"               | 0.375"      |
| 18"                       | 22 1/4"  | 28"               | 0.375"      |
| 20"                       | 24 1/4"  | 30"               | 0.375"      |
| 24"                       | 28 1/2"  | 36"               | 0.500"      |



TYPE 304 STAINLESS STEEL CASING SPACERS WITH PVC LINERS AND LOW FRICTION POLYMER RUNNERS. MANUFACTURED BY CASCADE WATERWORKS MFG. CO. OR EQUAL. (2 REQUIRED PER JOINT)



**HIGHWAY CROSSING**

NTS



LUMPKIN COUNTY WSA  
194 COURTHOUSE HILL  
DAHLONEGA, GA 30533  
TEL. (706) 867-6580

**WATER SYSTEM IMPROVEMENTS  
STANDARD DETAILS**

DRAWN BY:

SMS

SCALE:

AS SHOWN

DATE:

JULY 13, 2019

DWG. NO.

494-03A1-W13