

4/2021

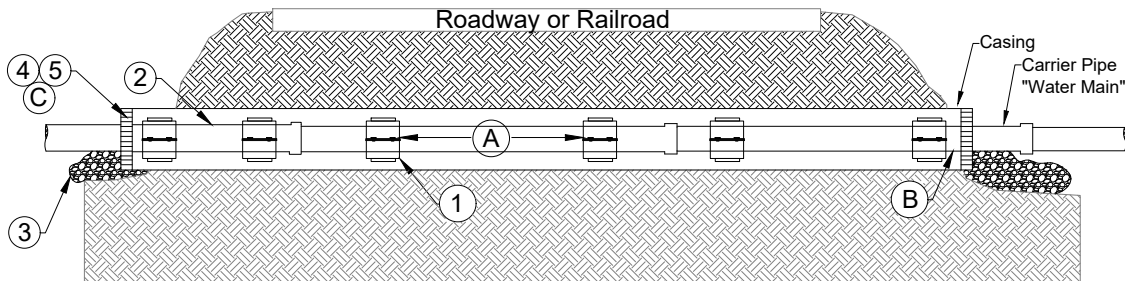
W-02-4050



WATER T&D Construction Standard

WATER MAIN - CASING SPACER INSTALLATION

APPLICATION: Roadway crossings and railroad crossings.



INSTALLATION NOTES:

- Use only LBWL approved casing spacer systems. The spacer system is designed for use within an approved casing. Unless otherwise specified, the casing spacers shall be centered and of the restrained type (complete fill of the casing). The casing spacers must be sized to the outside diameter of the carrier pipe and inside diameter of the casing. Typically the pipe being installed will be of the restrained joint design.
 - Ductile iron pipe shall be covered with the appropriate sized poly wrap and securely taped in place. Casing spacers shall be installed over the poly wrapped pipe. Any damage to the poly wrap must be repaired.
 - The casing pipe shall be permitted and installed to the specification of the governmental entity or railroad it is crossing.
- (A) Install spacers with a maximum separation of 10', minimum of 2 spacers per pipe length. Shorter spacing is acceptable and is typically required at each end of the casing.
- (B) A casing spacer shall be installed a maximum of 1' from each end of the casing.
- (C) Seal both ends of casing with cemented bricking.

MATERIALS			
REF	ITEM NO.	QTY*	DESCRIPTION
1	NON-STOCK	AS REQ'D	SPACER, CASING. SIZE AS REQ'D
2	37-000__	AS REQ'D	PIPE, ENCASEMENT, __-__" PIPE
3	YARD STOCK	AS REQ'D	STONE, HYDRANT
4	46-55385	AS REQ'D	BRICKS, CEMENT
5	49-00511	AS REQ'D	CEMENT, MASON MORTAR

1 of 1

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