

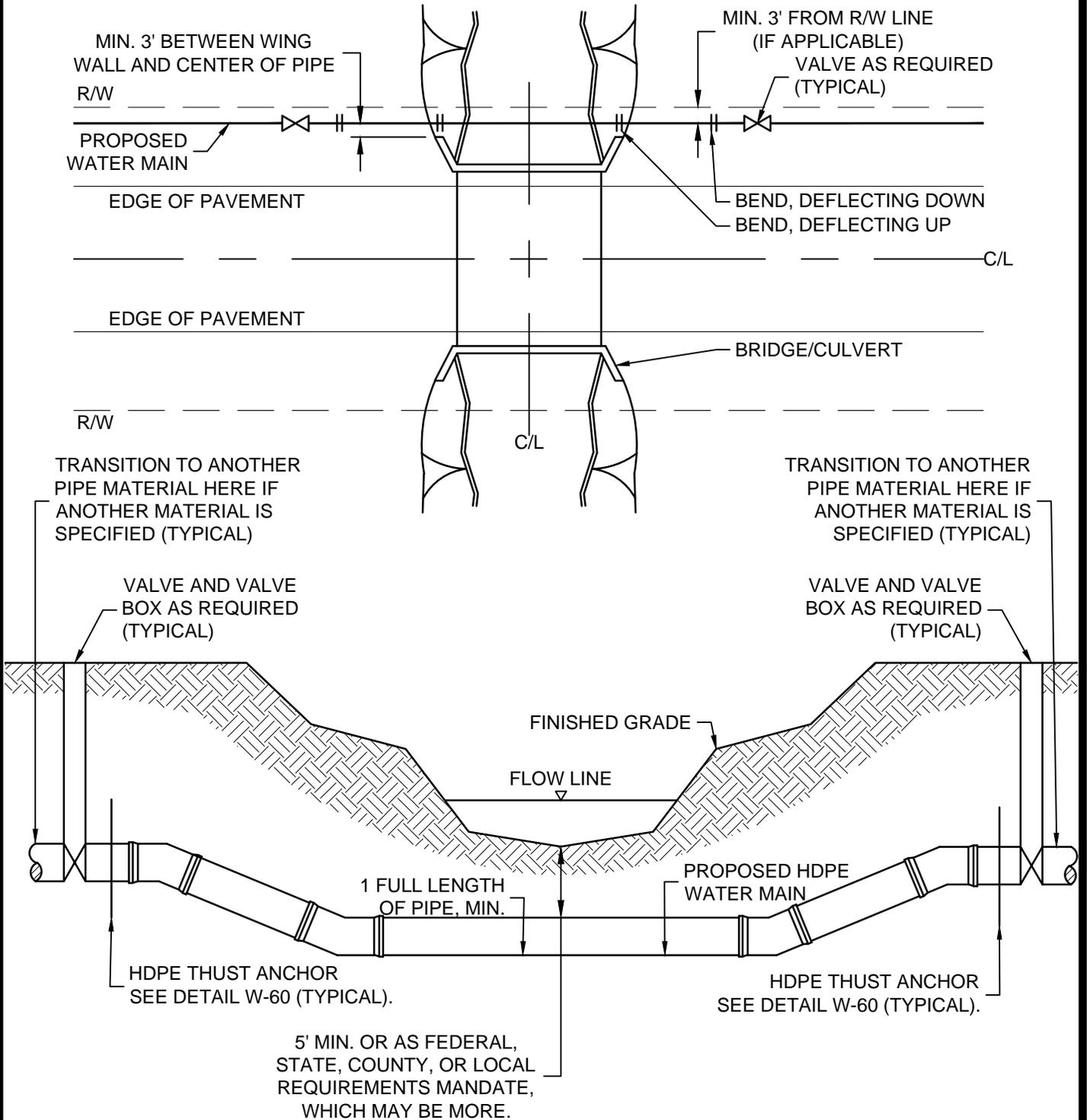


TYPICAL CHANNEL CROSSING

Created: January 1, 2002

Revised: July 19, 2016

Scale: N.T.S.



NOTES:

1. EXCAVATION WITHIN STREAM BED TO BE BACKFILLED WITH APPROVED MATERIAL AND COMPACTED.
2. RESTRAIN ALL PIPE IN ACCORDANCE WITH CITY STANDARD DETAILS.
3. FOR 6" THROUGH 12" WATER MAINS, FITTINGS QUANTITY CAN BE REDUCED WITH UTILITY ENGINEERING WRITTEN APPROVAL.
4. PIPE MATERIAL SHALL BE HDPE DR 11. FITTINGS SHALL BE HDPE AND RATED FOR THE SAME PRESSURE AS THE PIPE (200 PSI).
5. STAINLESS STEEL STIFFENERS AND MEGALUGS SHALL NOT BE USED ON HDPE; USE ELECTROFUSION COUPLINGS OR BUTT FUSION FOR JOINING HDPE PIPE AND FITTINGS.