TRENCH BEDDING AND BACKFILL SPECIFICATIONS
February 13, 2002 July 16, 2015, January 28, 2016

WATER

WATER MAINS SHALL BE BEDDED IN ACCEPTABLE EXCAVATED MATERIAL THE INSTALLATION WITH NO ROCKS GREATER THAN 2" IN ANY DIRECTION. INITIAL BACKFILL OF MATERIAL TO 12" ABOVE THE TOP OF PIPE. FULL DEPTH DIRTY CRUSHER RUN (FORMER MDSHA DESIGNATION (DCR6) AND GRADATION AS FOLLOWS) SHALL BE INSTALLED TO THE BOTTOM OF THE PAVEMENT SECTION.

DCR6 GRADATION

SIEVE SIZE	%PASSING
1-1/2"	90-100
¾"	90-100
½"	70-90
#4	40-50
#8	20-30
#16	15-25
#30	10-20
#50	10-20
#100	5-10
#200	5-10

WATER HOUSE CONNECTIONS (WHC'S) SHALL BE BEDDED IN 3" OF NATURAL SAND AND COVERED WITH 8" OF NATURAL SAND. NO GRADATION SPECIFIED.

WATER MAINS AND SERVICES SHALL BE INSTALLED WITH 3" DETECTABLE TAPE PLACED 12" ABOVE THE PIPE. THE TAPE SHALL BE POLYETHYLENE PLASTIC TAPE WITH METALLIC CORE, 3" WIDTH AND 4 MIL. THICKNESS, SOLID BLUE PRINTED WITH BLACK LETTERS "CAUTION - WATER LINE BURIED BELOW."

SEWER

SEWER MAINS SHALL BE BEDDED IN GASB OR No. 57 AGGREGATE IF GROUND WATER CONDITIONS EXIST. INITIAL BACKFILL SHALL BE DCR6 TO 12" ABOVE THE PIPE. NO.8 CRUSHED AGGREGATE MAY BE USED IN LIEU OF No.57 OR DCR6 AS BEDDING WHERE NO GROUND WATER EXISTS.

SEWER HOUSE CONNECTIONS (SHC'S): SAME BEDDING AND BACKFILL AS MAIN.

SEWER MAINS AND LATERALS SHALL BE INSTALLED WITH 6" NONDETECTABLE TAPE PLACED 12" ABOVE THE PIPE. THE TAPE SHALL BE POLYETHYLENE PLASTIC TAPE WITH 3" WIDTH AND 4" MILL THICKNESS, SOLID GREEN PRINTED WITH BLACK LETTERS "CAUTION - SEWER LINE BURIED BELOW."

STORM DRAIN

BEDDED IN No. 57 AGGREGATE AND BACKFILLED TO SPRINGLINE WITH DCR6.

ALL PRECAST STRUCTURES (MANHOLES, INLETS ETC.) SHALL BE CAST WITH A MIN. 4" OF ADJUSTMENT AVAILABLE.

ALL INLETS SHALL BE CONSTRUCTED WITH WEEP HOLES AND NO. 57 AGGREGATE AND HARDWARE CLOTH INSTALLED IN THE FIELD.