



MPWSS STD, DWG. NO. 02221-1

- NOTE: 1. WHERE TRENCH PASSES THROUGH EXISTING PAVEMENT THE PAVEMENT SHALL BE CUT ALONG A NEAT VERTICAL LINE A MINIMUM OF TWELVE (12") INCHES (30 cm) FROM THE EDGE OF THE TRENCH OPENING. WHERE NEAT LINE IS LESS THAN THREE (3') FOOT (0.9m) FROM THE EDGE OF EXISTING PAVEMENT OR CURB AND GUTTER SECTION, REMOVE AND REPLACE ENTIRE PAVEMENT SECTION. REFERENCE MDOT STANDARDS FOR HIGHWAY REPAIRS FOR USE OF CONTROL DENSITY (FLOWABLE) FILL.
2. WATER MAINS SHALL BE BURIED A MINIMUM OF SIX (6') FEET BELOW FINISHED GROUND SURFACE. INSULATION IS REQUIRED WHEN THE COVER OVER THE LINE IS LESS THAN SIX (6') FEET. HIGH DENSITY FOAM ONE (1") INCH THICK WILL BE REQUIRED FOR EVERY FOOT LESS OF COVER. THE INSULATION SHALL HAVE A COMPRESSIVE STRENGTH OF NO LESS THAN 35 PSI IF INSTALLED IN TRAFFIC AREAS.
3. GRAVITY AND FORCE MAIN SEWERS SHALL BE BURIED A MINIMUM OF FOUR (4') FEET BELOW FINISHED GROUND SURFACE. INSULATION IS REQUIRED WHEN THE COVER OVER THE LINE IS LESS THAN FOUR (4') FEET. HIGH DENSITY FOAM ONE (1") INCH THICK WILL BE REQUIRED FOR EVERY FOOT LESS OF COVER. THE FOAM WILL BE FOUR (4') FOOT WIDE FOR MAINS AND TWO (2') FOOT WIDE FOR SERVICE LINES. THE INSULATION SHALL HAVE A COMPRESSIVE STRENGTH OF NO LESS THAN 35 PSI IF INSTALLED IN TRAFFIC AREAS.
4. FOR UTILITY TRENCHES ACROSS STREETS, USE MIN. 12" CONTROL DENSITY (FLOWABLE) FILL IN BOTTOM OF TRENCH.
5. FOR TRENCHES PARALLEL TO TRAFFIC LANE, FOR CROSSCUTS, FILL TRENCH TO TOP WITH CDF PER MDT STANDARDS



APPROVED	REVISIONS
	12/18/2014
PUBLIC WORKS DIRECTOR	
DATE	

CITY OF HAMILTON
DEPARTMENT OF PUBLIC WORKS

TYPICAL UTILITY TRENCH
DETAIL

HC. 20.05.001