

CONDUIT TRENCHING, EMBEDMENT AND BACKFILL

1. MAXIMUM EXCAVATED TRENCH WIDTH: THE MAXIMUM EXCAVATED TRENCH WIDTH FROM THE BOTTOM OF THE TRENCH TO 12" OVER THE TOP OF THE PIPE (WITHIN PIPE EMBEDMENT) SHALL BE O.D. + 24" FOR ALL PIPES UP TO AND INCLUDING 24" I.D. + 30" FOR PIPE FROM 24" I.D. TO 54" I.D. AND O.D. + 40" FOR PIPE SIZES 60" I.D. AND OVER.
2. FOUNDATION: WHERE AN UNSTABLE TRENCH BOTTOM CONDITION IS ENCOUNTERED, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH MATERIAL AS DIRECTED BY THE ENGINEER.
3. PIPE EMBEDMENT: ALL PIPE EMBEDMENT TO 18" ABOVE THE WATERMAIN SHALL BE O.D.O.T. 703.02 FINE AGGREGATE NATURAL. ALL PIPE EMBEDMENT TO 18" ABOVE THE SEWER SHALL BE #57 LIMESTONE.
4. FINAL BACKFILL: IN ALL AREAS UNDER PAVEMENT, STRUCTURES PR WITHIN THE ZONE OF INFLUENCE THE FINAL BACKFILL SHALL BE SPECIAL BACKFILL MATERIAL. IN ALL AREAS OUTSIDE OF PAVEMENT, STRUCTURES OR THE ZONE OF INFLUENCE, THE FINAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL APPROVED BY THE ENGINEER. SEE DETAILS SHEET 505.01.
5. CLAY TRENCH DAMS: CLAY TRENCH DAMS SHALL BE REQUIRED AS SHOWN ON PLANS OR WHEN AND WHERE NECESSARY AS DIRECTED BY THE ENGINEER.
6. GEOTEXTILE FABRIC: INSTALL A GEOTEXTILE FABRIC IN ACCORDANCE WITH ODOT 712.09, TYPE A, AFTER ALL INITIAL BACKFILL CONSISTING OF AASHTO NO. 57 CR. NO. 67 GRANULAR PIPE EMBEDMENT.
7. DETECTOR TAPE: INSTALL PER ALL CITY OF TALLMADGE SPECIFICATIONS AND REQUIREMENTS
8. PAVEMENT RESTORATION NECESSITATED BY CONDUIT CONSTRUCTION SHALL BE PERFORMED AS AN INCIDENTAL TO THE APPROPRIATE SEWER ITEM TO THE COMPOSITION OF THE EXISTING PAVEMENT OR STANDARD CITY COMPOSITION AT THE DISCRETION OF THE ENGINEER.
9. ANY SETTLEMENT IN OPEN TRENCH BACKFILL TAKING PLACE WITHIN GUARANTEED PERIOD SHALL BE REFILLED WITH SATISFACTORY MATERIALS & AFFECTED SURFACE PROPERLY REPAIRED BY CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY

