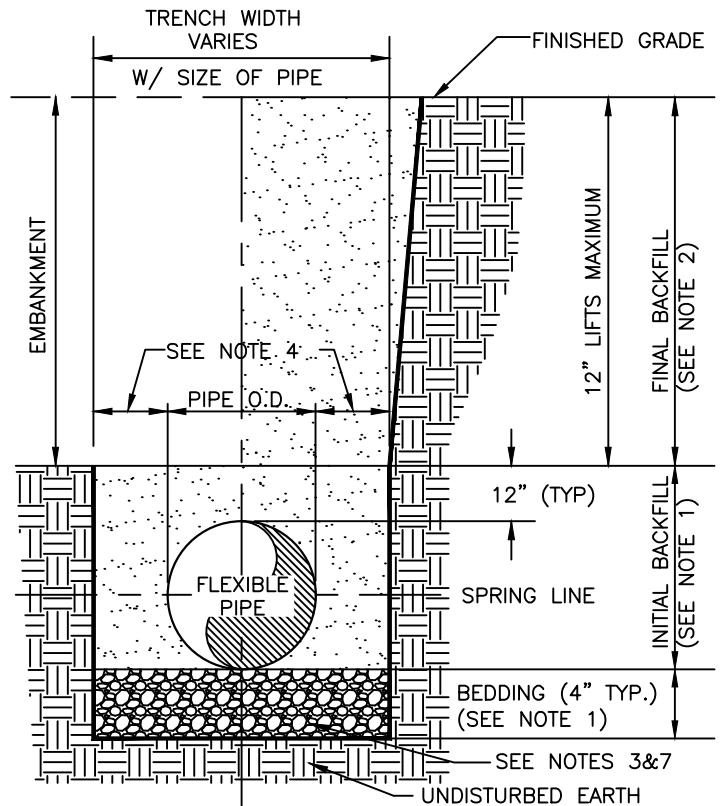


EMBANKMENT SECTION TRENCH SECTION



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**NOTES:**

1. INITIAL BACKFILL, HAUNCHING & BEDDING: MATERIALS CLASSIFIED AS A-1, A-2, OR A-3 (OR A-4 IF CONCRETE PIPE) COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180 IN 6" LIFTS. BACKFILL AREAS DEEPER THAN 4" OF BEDDING ZONE SHALL USE COURSE SAND OR OTHER SUITABLE GRANULAR MATERIAL OBTAINED BY GRADING OPERATIONS IF NO OTHER SUITABLE MATERIAL IS AVAILABLE AND SHALL BE COMPACTED
2. FINAL BACKFILL: MATERIALS CLASSIFIED AS A-3 OR A-2-4 (15% OR LESS PASSING #200 SIEVE) COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180 IN 12" LIFTS. MATERIALS CLASSIFIED AS A-1, A-2-4 (GREATER THAN 15% PASSING #200 SIEVE), A-2-5, A-2-6, A-2-7, A-4, A-5, A-6, OR A-7 (LIQUID LIMIT LESS THAN 50) COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180 IN 6" LIFTS.
3. BEDDING SHALL BE PLACED LOOSE 4" BELOW THE MIDDLE THIRD OF THE OUTSIDE DIAMETER OF THE PIPE. COMPACT OUTER PORTIONS TO MEET THE DENSITY REQUIREMENTS.
4. 18" MAX. (12" MIN.) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX. (18" MIN.) FOR PIPE DIAMETER 48" AND LARGER.
5. UNDER WET CONDITIONS, COARSE AGGREGATE CONFORMING TO FDOT NO. 57 AGGREGATE IS PERMITTED FOR USE AS BEDDING. FULLY WRAP THE AGGREGATE WITH A LAYER OF FDOT D-4 FILTER FABRIC.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING BELOW THE PIPE. THE ENGINEER OF RECORD SHALL DETERMINE THE REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN MARION COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF RIGHT-OF-WAY UTILIZATION REGULATIONS AND ROAD CONSTRUCTION SPECIFICATIONS.
9. ONE COMPACTION TEST PER RUN OF PIPE CONNECTING TWO SUCCESSIVE STRUCTURES NOT TO EXCEED 500 LINEAR FEET OR THE LENGTH OF A TRENCH BOX WHEN USED, WHICHEVER IS LESS, SHALL BE REQUIRED FOR EACH LIFT.