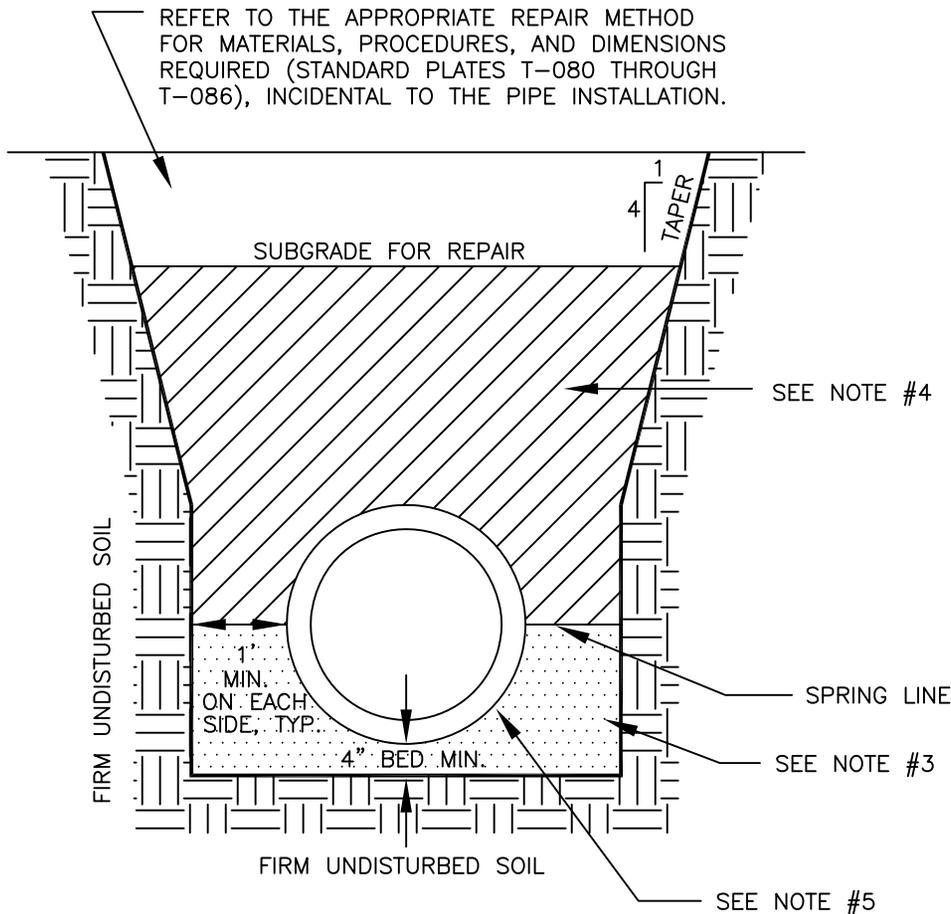


**NOTES**

1. TAPER THE TRENCH WALLS AT ONE TO FOUR MINIMUM AS SHOWN STARTING AT THE TOP OF THE STORM DRAIN PIPE.
2. ALL TRENCH AND STRUCTURE EXCAVATION SHALL BE UNCLASSIFIED WITH NO ADDITIONAL PAYMENT FOR ROCK REMOVAL.
3. No. 57 COARSE AGGREGATE AS PER SECTION 901.1 OF THE MD DEPARTMENT OF TRANSPORTATION S.H.A. STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS SHALL BE INSTALLED AS PIPE BEDDING AND TO THE SPRING LINE, THOROUGHLY SETTLED IN PLACE TO THE GRADE OF THE PIPE AND ALONG THE SIDES OF THE PIPE.
4. IN ALL TRAFFIC BEARING OR STRUCTURAL AREAS INSTALL MD DEPT. OF TRANS. S.H.A. GRADED AGGREGATE-BASE IN 6" LIFTS AND COMPACT EACH LIFT IN ACCORDANCE WITH PLATE SD-011. IN NON-TRAFFIC BEARING OR NON-STRUCTURAL AREAS INSTALL SOIL EXCAVATED FROM THE TRENCH IN 6" LIFTS AND COMPACT EACH LIFT IN ACCORDANCE WITH PLATE SD-011. THIS SOIL SHALL BE ESPECIALLY FREE OF ROCK TO THAT POINT AT 6" ABOVE THE PIPE. ONLY SUITABLE SOILS FROM THE TRENCH EXCAVATION OR A SOIL BORROW MAY BE USED, FREE OF ORGANIC MATTER, TRASH, RUBBAGE, ASH, FROZEN MATERIAL, AND ROCK LARGER THAN 6" IN DIAMETER. THE TOTAL DEPTH OF SOIL SHALL BE AS NEEDED TO ESTABLISH THE SUBGRADE FOR THE APPROPRIATE REPAIR METHOD. SOIL USED SHALL BE DRIED OR MOISTURE ADDED TO ACHIEVE THE REQUIRED COMPACTION, INCIDENTAL TO THE BACKFILL OF THE TRENCH.
5. ALL STORM DRAIN PIPE IN THE PUBLIC RIGHT-OF-WAY SHALL BE MD DEPARTMENT OF TRANSPORTATION S.H.A. REINFORCED CONCRETE PIPE CLASS 4, WALL "B", OR GREATER.



**SECTION VIEW**  
NO SCALE



CITY OF HAGERSTOWN, MARYLAND – ENGINEERING AND INSPECTIONS DEPARTMENT

**STORM DRAIN STANDARD DETAIL  
TYPICAL PIPE TRENCH SECTION**

ISSUE DATE: 01-01-03	
REVISIONS	
01-01-04	01-01-07
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**Plate SD-040**