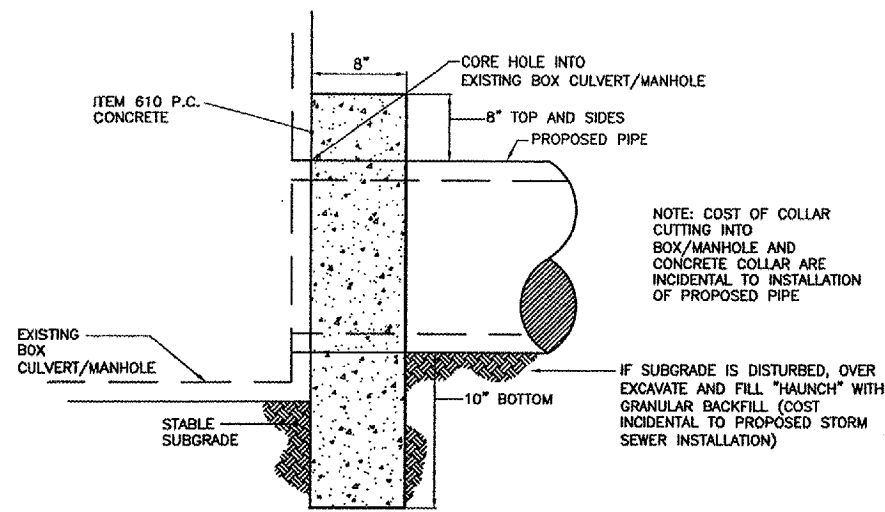


REVISIONS

NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2"
 AT FULL SCALE (34X22).



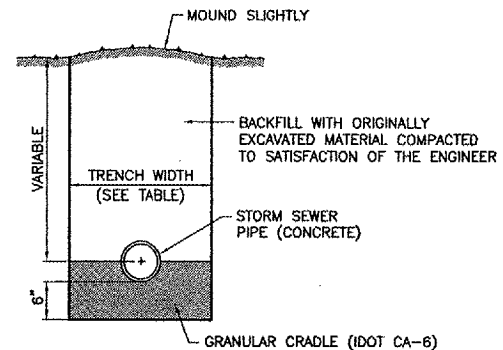
NOTE: COST OF COLLAR CUTTING INTO BOX/MANHOLE AND CONCRETE COLLAR ARE INCIDENTAL TO INSTALLATION OF PROPOSED PIPE

IF SUBGRADE IS DISTURBED, OVER EXCAVATE AND FILL "HAUNCH" WITH GRANULAR BACKFILL (COST INCIDENTAL TO PROPOSED STORM SEWER INSTALLATION)

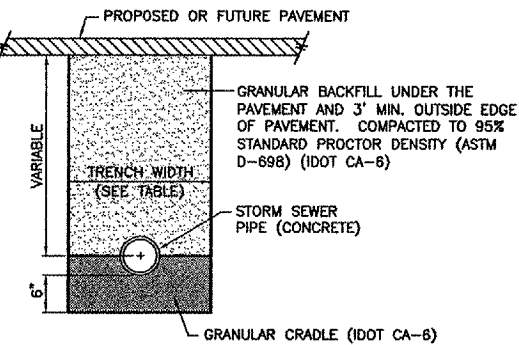
CONCRETE COLLAR - STORM SEWER
 NOT TO SCALE

NOTE: IF EXISTING STRUCTURE THAT IS BEING CORED INTO HAS A BENCH THE CONTRACTOR MUST CUT NEW FLOWLINE. (COST INCIDENTAL TO PROPOSED STORM SEWER INSTALLATION).

INSIDE DIAMETER OF STORM SEWER (INCHES)	MAXIMUM TRENCH WIDTH
6	3'-7"
8	3'-9"
12	4'-2"
15	4'-6"
18	4'-9"
21	5'-0"
24	5'-4"
27	5'-7"
30	5'-11"
36	6'-6"
42	7'-1"

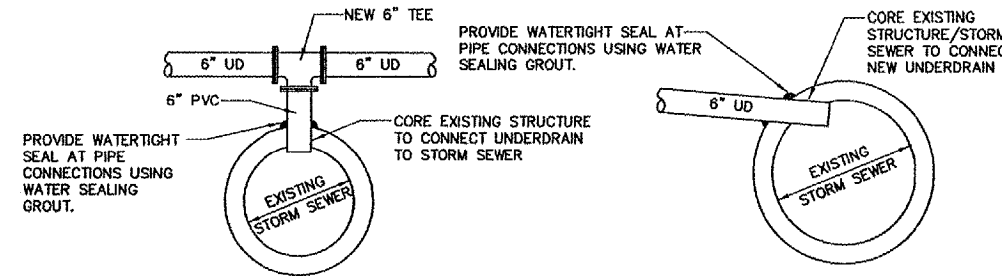


NON-PAVED AREAS



PAVED AREAS

TRENCH DETAILS - STORM SEWER AND WATERMAIN
 N.T.S.



UNDERDRAIN CONNECTION DETAILS
 N.T.S.

NOTE: UNDERDRAIN CONNECTIONS AND FITTINGS, TEES AND ELBOWS USED FOR CONNECTIONS TO NEW STRUCTURES / EXISTING STORM SEWERS SHALL BE CONSIDERED INCIDENTAL TO THE NEW UNDERDRAIN.

DUPAGE AIRPORT
 WEST CHICAGO, ILLINOIS
 SOUTH FLIGHT CENTER APRON - PHASE 4

STORM SEWER DETAILS

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DESIGN BY: CAL/JRL
 DRAWN BY: JRO
 CHECKED BY: MJS / DKP
 APPROVED BY: MJS
 DATE: 01/13/06
 JOB No: 04257-04-00-00

A.I.P. PROJECT: 3-17-0017-B18
 ILLINOIS PROJECT: DPA-3391