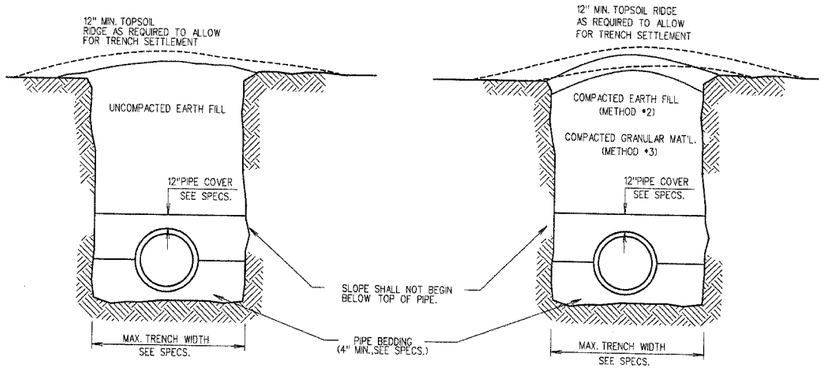
CONTRACT NO. 91355

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	05-00154-00-BR	VERMILION	54	25
STA.	TO STA.			
F.H.W.A. REG.	ILLINOIS	PROJECT		

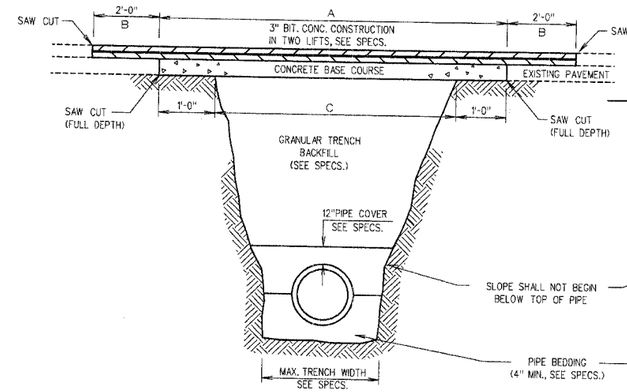


BACKFILL METHOD NO. 1

FOR BACKFILLING IN OPEN AREAS, SUCH AS CROPLAND OR OTHER ZONES WITH UNCLASSIFIED AND NON-IMPROVED SURFACES

BACKFILL METHOD NO. 2 OR 3

FOR BACKFILLING IN SODDING OR GRASSED AREAS (EXCEPT NEAR BUILDING FOUNDATION) AND BENEATH OR ALONG NON-RIGID SURFACES.

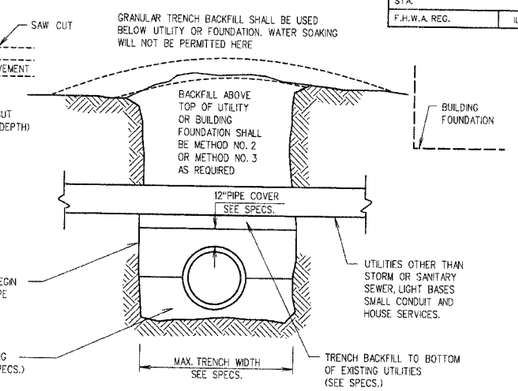


BACKFILL METHOD NO. 4

FOR BACKFILLING BENEATH CONCRETE, ASPHALT AND OIL & CHIP SURFACES, INCLUDING SIDEWALKS, DRIVES, PARKING AREAS, ETC.

A. EXISTING SURFACE IN THIS AREA TO BE REMOVED FIRST (SAW CUT FULL DEPTH).
B. ADDITIONAL BIT. PAVEMENT TO BE REMOVED.
C. GRANULAR TRENCH BACKFILL. PAVEMENT WIDTH

NOTE:
FOR ACCEPTABLE GRANULAR TRENCH BACKFILL MATERIAL, SEE SPEC. SECTION 02222.



BACKFILL METHOD NO. 5

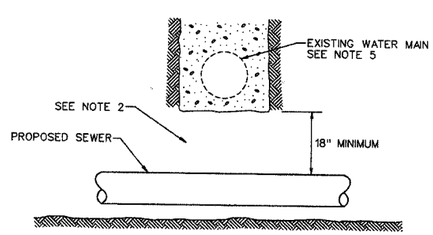
FOR BACKFILLING NEAR BUILDING FOUNDATIONS OR OTHER STRUCTURES OR UTILITIES PRESENTING SPECIAL HAZARDS.

PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
NOTE BOOK		
NO.		

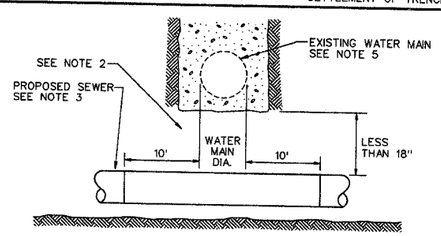
GUIDELINES

1. IF SELECT GRANULAR BACKFILL EXISTS: REMOVE WITHIN WIDTH OF PROPOSED TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL AND COMPACT.
2. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO 1 FOOT OVER TOP OF SEWER AND USE SELECT EXCAVATED MATERIAL AND COMPACT FOR 10 FEET ON EITHER SIDE OF WATER MAIN.
3. CONSTRUCT PROPOSED SEWER OF WATER MAIN MATERIAL AND PRESSURE TEST.
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER AND WATER MAIN.
5. PROVIDE ADEQUATE SUPPORT FOR EXISTING PIPE TO PREVENT DAMAGE DUE TO SETTLEMENT OF TRENCH.

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
BK. WORK CHKD		
NOTE BOOK		
NO.	STRUCTURE NOTAT'NS CHKD	



PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

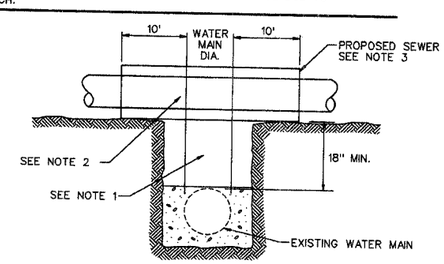


PROPOSED SEWER LINE BELOW EXISTING WATER MAIN

WATER AND SEWER SEPARATION DETAIL

NOTE: SELECT EXCAVATED MATERIAL TO BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY

NOTE: THE COST OF COMPLYING WITH THESES REQUIREMENTS, AS WELL AS THE WATER AND SEWER SEPARATION REQUIREMENTS AS SHOWN IN THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN ILLINOIS", SHALL BE CONSIDERED AS INCIDENTAL TO THE COST OF THE SANITARY SEWER BEING INSTALLED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



PROPOSED SEWER ABOVE EXISTING WATER MAIN

ELLEN B. HEDRICK
062-049131
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

ELLEN HEDRICK
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NUMBER 062-049131
LICENSE EXPIRES 11-30-07

SEWER DETAILS

CATLIN WEBSTER STREET BRIDGE SECTION 05-00154-00-BR VERMILION COUNTY

05057

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