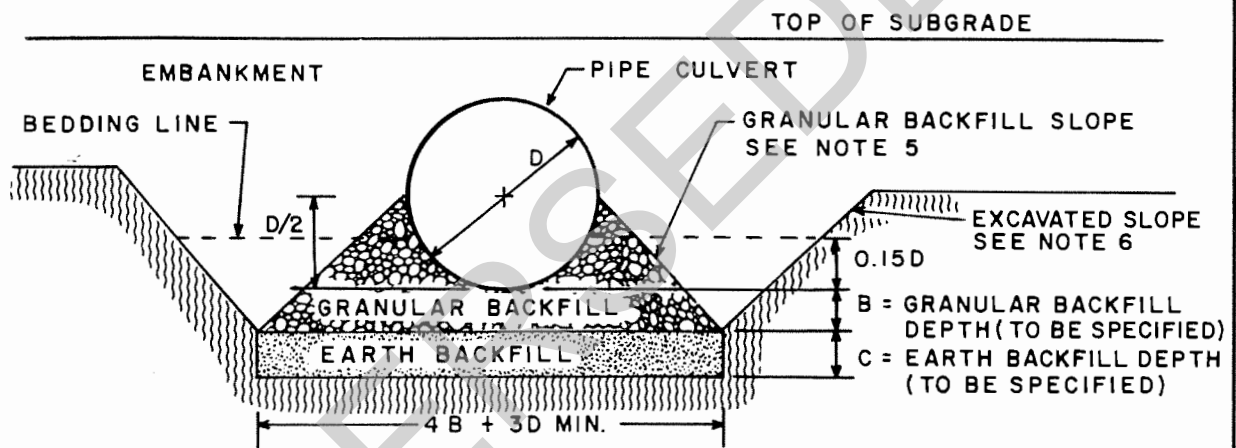
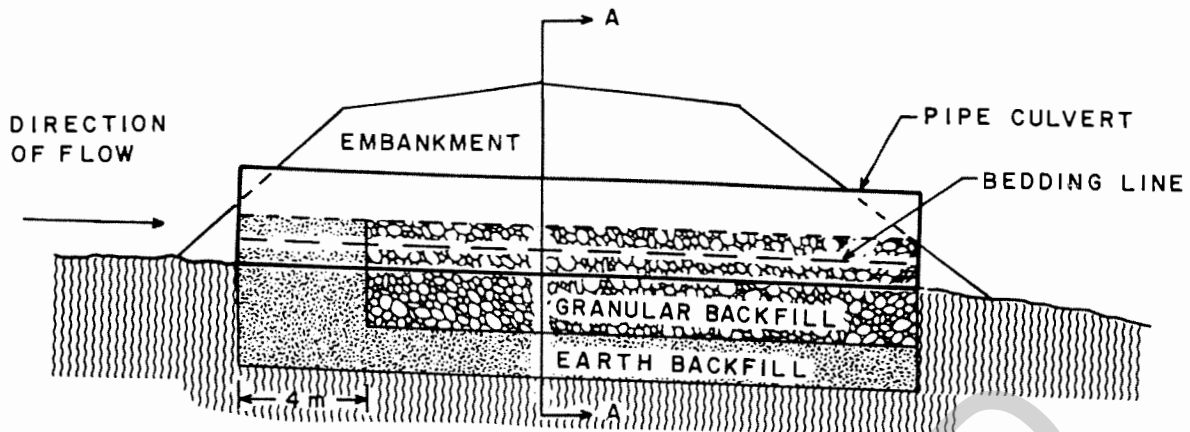


SUPERSEDED BY HM705-01



- NOTES:
1. THE ABOVE INSTALLATION DETAILS SHALL APPLY TO ROADBED CULVERTS AND CULVERTS IN APPROACHES TO BE PAVED UTILIZING GRANULAR BACKFILL.
 2. FOR ARCH AND ELLIPTICAL CULVERTS, SUBSTITUTE R = RISE FOR D = DIAMETER.
 3. BACKFILLING AND COMPACTION OF EARTH AND GRANULAR BACKFILL IS TO BE COMPLETED UP TO THE BEDDING LINE PRIOR TO SHAPING THE BED TO FIT THE BOTTOM OF THE PIPE.
 4. THE MATERIAL IN THE TRIANGULAR WEDGE ABOVE THE BEDDING LINE SHALL BE COMPACTED WITH MECHANICAL IMPACT TAMPERS.
 5. THE GRANULAR BACKFILL SLOPE SHALL NOT BE LESS THAN 2 HORIZONTAL TO 1 VERTICAL.
 6. THE EXCAVATED SLOPE SHALL BE 8 HORIZONTAL TO 1 VERTICAL FOR EMBANKMENTS WITH A SPECIFIED DENSITY & 4 HORIZONTAL TO 1 VERTICAL FOR EMBANKMENTS WITH NO SPECIFIED DENSITY.

RECOMMENDED:

 ROAD DESIGN ENGINEER
 APPROVED:

 ASSOC. DEPUTY MINISTER (ENGINEERING)
 DATE: FEB. 12, 1986

SASKATCHEWAN DEPARTMENT OF HIGHWAYS
 AND TRANSPORTATION
 BACKFILLING PIPE CULVERTS
 USING GRANULAR BACKFILL

STANDARD
 PLAN
 No.
 24510