NOTES:
1. Protective cover shall be constructed prior to running heavy equipment over installation pipes. The minimum covers are listed below:
   a) 0.5 m for $B_e \leq 450$
   b) 0.9 m for $450 < B_e \leq 1350$
   c) 1.2 m for $B_e > 1350$
2. For backfill purposes, paved shoulders, curbs, and sidewalks are considered pavement. See Standard Drawing 715-BKFL-10 for pavement limits when curbs, paved shoulders, or sidewalks are present.
3. Geotextile required if coarse aggregate is used. Geotextile should extend 300 beyond each edge of the excavated trench or toe of slope.

LEGEND
- $D_o =$ Overall diameter or rise (typ.)
- $D_k =$ Overall channel or span
- $A =$ 200 min. for fill height less than 5.0 m
  = 300 min. for fill height of 5.0 m or more
- $W =$ 300 for $B_e \leq 450$
  = 450 for $B_e > 450$
- $W =$ 0.3 $B_e$ or 230, whichever is greater
- $L_s =$ Backfill length measured from toe to toe of the 2:1 slopes.

INDIANA DEPARTMENT OF TRANSPORTATION
PIPE BACKFILL METHOD 1
MEDIAN INSTALLATION, EMBANKMENT
SEPTEMBER 2007
STANDARD DRAWING NO. 715-BKFL-09

SIGNED DRAWING SHEET

No. 9750
STATE OF

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