NOTES:

1. Protective cover shall be constructed prior to running heavy equipment over installed pipes. The minimum covers are listed below:
   a) 0.5 m for $B_L \leq 450$
   b) 0.9 m for $450 < B_L \leq 1350$
   c) 1.2 m for $B_L > 1350$

2. For backfill purposes, paved shoulders, curbs, and sidewalls are considered pavement. See Standard Drawing 715-BKFL-06 for pavement limits when curbs, paved shoulders, or sidewalls are present.

LEGEND:

$D_c =$ Overall diameter or rise (typ.)
$D_L =$ Overall diameter or span
$A =$ 300 min. for fill height less than 5.0 m
$A =$ 300 min. for fill height of 5.0 m or more
$W_c =$ 300 for $B_L \leq 450$
$W_c =$ 450 for $B_L > 450$
$W =$ 0.3 $D_L$ or 230, whichever is greater
$L_c =$ Backfill length measured from toe to toe of the 2:1 slopes.

INDIANA DEPARTMENT OF TRANSPORTATION
PIPE BACKFILL METHOD 1
MEDIAN INSTALLATION, EMBANKMENT
SEPTEMBER 2008
STANDARD DRAWING NO. 715-BKFL-09

[Drawings and specifications details]