SECTION A-A

LEGEND

H = Overall diameter of pipe (in.)
B = Overall diameter of pipe
A = Width min. for fill height less than 18" or
12" min. for fill height of 18" or more
T = Trench cover depth over pipe
W = 0.5 B or 9", whichever is greater
E = Embankment
L = Backfill length measured from toe to toe of the 2:1 slopes.

NOTES:

1. Protective cover shall be constructed prior to running heavy equipment over trench. The minimum covers are listed below:
   a. 1.5" for B ≤ 12"
   b. 3" for 12" < B ≤ 18"
   c. 4" for B > 18"

2. For backfill purposes, paved shoulders, curbs, and sidewalks are considered pavement. See Standard Drawing E 715-BKFL-10 for pavement limits when curbs, paved shoulders, or sidewalks are present.

3. Flows or structure backfill shall be covered by compacted earth backfill.
   The minimum cover shall be 3.5'. If necessary, use 2:1 slope between the flows or structure backfill and the embankment shall be extended to maintain the minimum 3.5' cover.

INDIANA DEPARTMENT OF TRANSPORTATION
PIPE BACKFILL METHOD 1
NEW ROADWAY, TRENCH
SEPTEMBER 2008

STANDARD DRAWING NO. E 715-BKFL-01

[Signatures]

[Designation]

[State of Indiana]

[Designation]

[Date]