

- L = Pay limits of pavement removal and pavement replacement (ft); for cross pipe, measured along roadway centerline; for pipe parallel to roadway centerline, measured perpendicular to pipe centerline.
- $B_c$  = Overall diameter or span (in.)
- $H_c$  = Overall diameter or rise (in.)
- d = Vertical distance from flowline to profile grade (ft)

**COMPOSITE REPLACEMENT PAVEMENT**

**NOTES :**

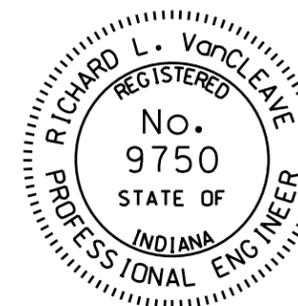
- ① Existing subgrade over this distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
3. The minimum pavement sections shall be as follows:  
HMA: 165 #/syd HMA Surface, Type A,B,C or D on variable HMA Intermediate, Type A, B, C or D
4. See Standard Drawing E 506-CCPP-01 for subbase, dowels, and construction joint details.
5. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing E 718-UNDR-01.
6. See Standard Drawing E 715-BKFL-01 for pipe backfill trench elevation view.
- ⑦ Geotextile required if coarse aggregate is used. Geotextile should extend 1 foot beyond each edge of the excavated trench.
- ⑧ New subbase type shall match the existing subbase type and thickness.

INDIANA DEPARTMENT OF TRANSPORTATION

PIPE BACKFILL METHOD 1  
EXISTING ROADWAY, TRENCH

SEPTEMBER 2007

STANDARD DRAWING NO. E 715-BKFL-05



DESIGN STANDARDS ENGINEER

*/s/ Richard L. VanCleave* 09/04/07  
DESIGN STANDARDS ENGINEER DATE

*/s/ Mark A. Miller* 09/04/07  
CHIEF HIGHWAY ENGINEER DATE