



- 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)

PCCP REPLACEMENT PAVEMENT

NOTES :

- ① Existing subgrade over this longitudinal distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
3. See Standard Drawing E 506-CCPP-01 for subbase, dowels, and construction joint details.
4. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing E 718-UNDR-01.
5. See Standard Drawing E 715-BKFL-01 for pipe backfill trench elevation view.
- ⑥ Geotextile required if coarse aggregate is used. Geotextile should extend 1 foot beyond each edge of the excavated trench.
- ⑦ 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-04



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