Dowels shall be placed at mid-point of PCCP depth (typ.).

Existing PCCP to remain in place (typ.).

Profile Grade

Replacement PCCP

Saw-cut and construction joint (typ.)

Flowable backfill

New Subbase

L = Longitudinal pay limits of pavement removal and pavement replacement (ft)

B_C = Inside diameter or span (in.)

H_C = Inside diameter or rise (in.)

d = Vertical distance from flowline to profile grade (ft)

Notes:
1. Existing subbase overlay this longitudinal distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
4. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing E 718-UNDR-01.

PCCP REPLACEMENT PAVEMENT