

- L = Longitudinal pay limits of pavement removal and pavement replacement (m)
- $B_C$  = Inside diameter or span (mm)
- $H_C$  = Inside diameter or rise (mm)
- d = Vertical distance from flowline to profile grade (m)

**Notes:**

- ① Existing subgrade over this longitudinal distance shall remain in place.
2. The minimum pavement sections shall be as follows:  
 HMA: 90 kg/m<sup>2</sup> HMA Surface, Type A, B, C, or D on  
 150 kg/m<sup>2</sup> HMA Intermediate, Type A, B, C, or D on  
 variable HMA Base, Type A, B, C, or D.
3. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing 718-UNDR-01.

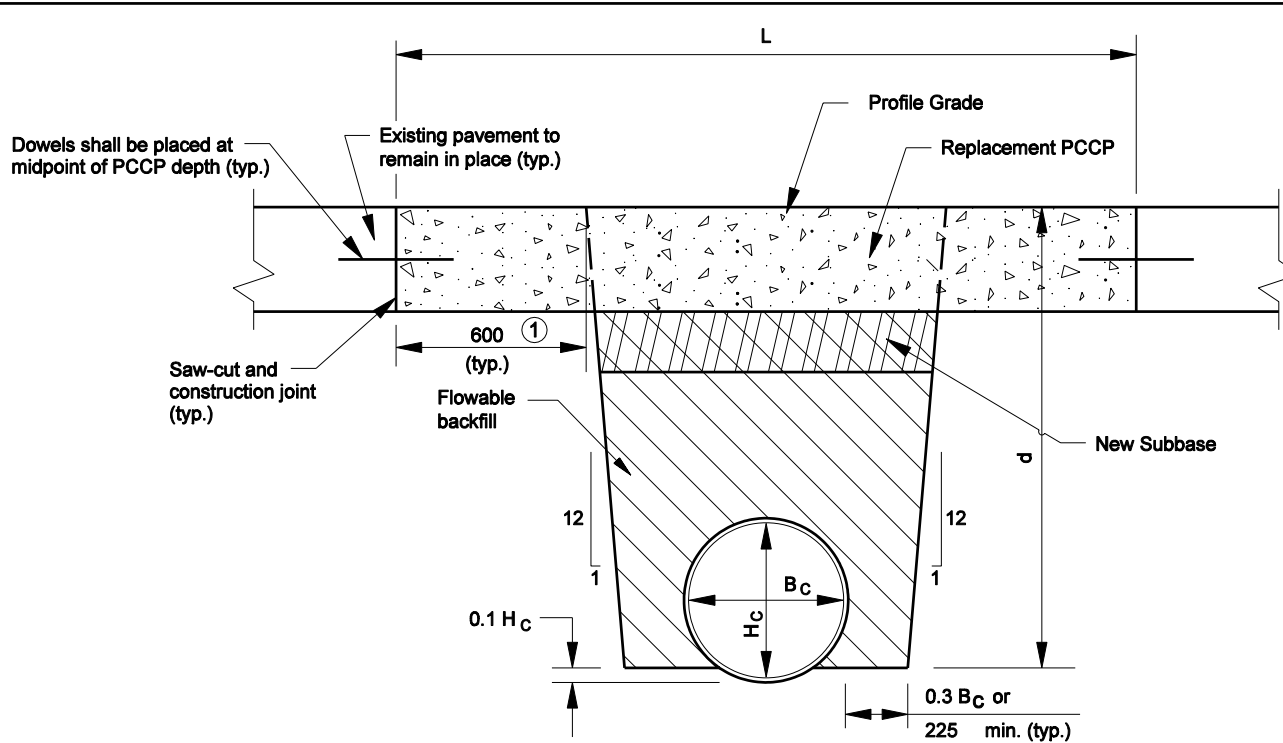
**HMA REPLACEMENT PAVEMENT**

All dimensions are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE PLACEMENT UNDER  
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11/01/04



- $L$  = Longitudinal pay limits of pavement removal and pavement replacement (m)
- $B_c$  = Inside diameter or span (mm)
- $H_c$  = Inside diameter or rise (mm)
- $d$  = Vertical distance from flowline to profile grade (m)

**Notes:**

- ① Existing subbase 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 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 718-UNDR-01.

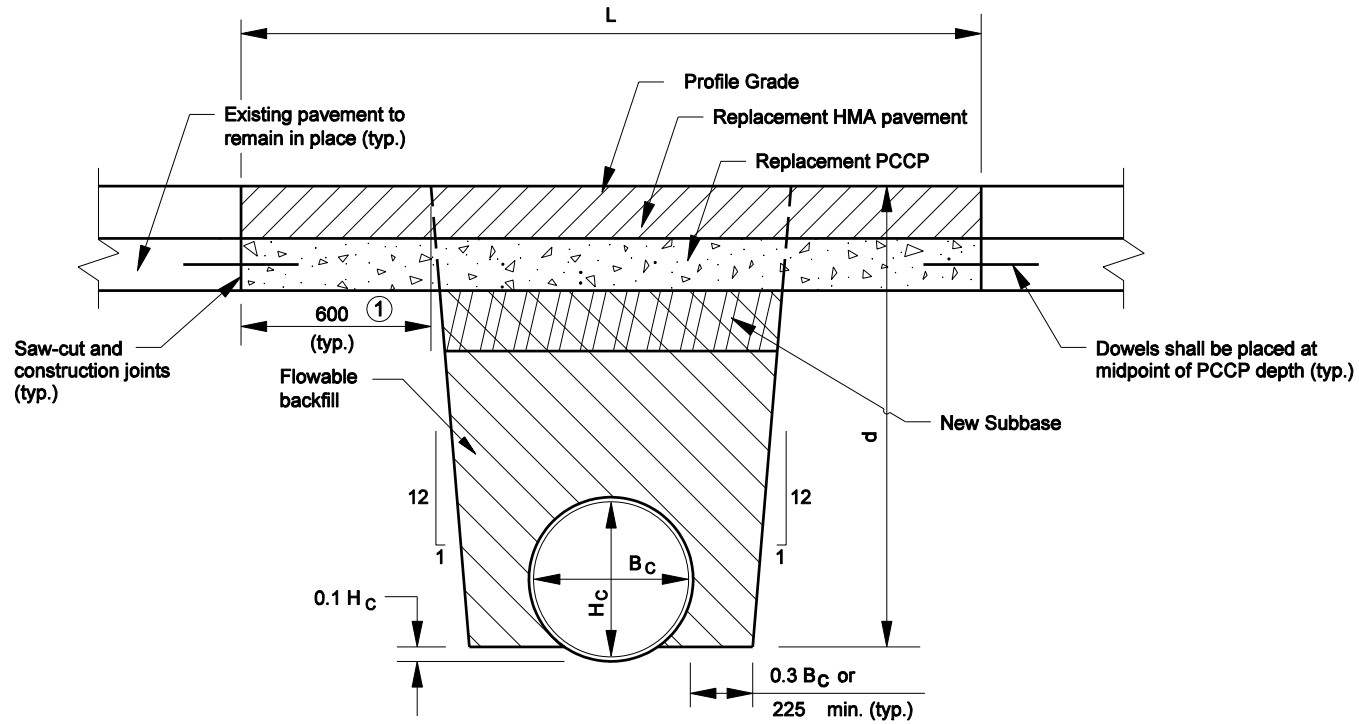
## PCCP REPLACEMENT PAVEMENT

All dimensions are in mm unless otherwise specified

**INDIANA DEPARTMENT OF TRANSPORTATION**

**STRUCTURE PLACEMENT UNDER  
EXISTING ROADWAY**

11/01/04



- $L$  = Longitudinal pay limits of pavement removal and pavement replacement (m)
- $B_C$  = Inside diameter or span (mm)
- $H_C$  = Inside diameter or rise (mm)
- $d$  = Vertical distance from flowline to profile grade (m)

**Notes:**

- ① Existing subbase over this longitudinal distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
3. The HMA pavement sections shall be as follows:  
 90 kg/m<sup>2</sup> HMA Surface, Type A, B, C, or D on  
 variable HMA Intermediate, Type A, B, C, or D on  
 variable HMA Base, Type A, B, C, or D.  
 The lay rates of the Intermediate and Base courses shall match those for the existing courses.
4. See Standard Drawing 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 718-UNDR-01.

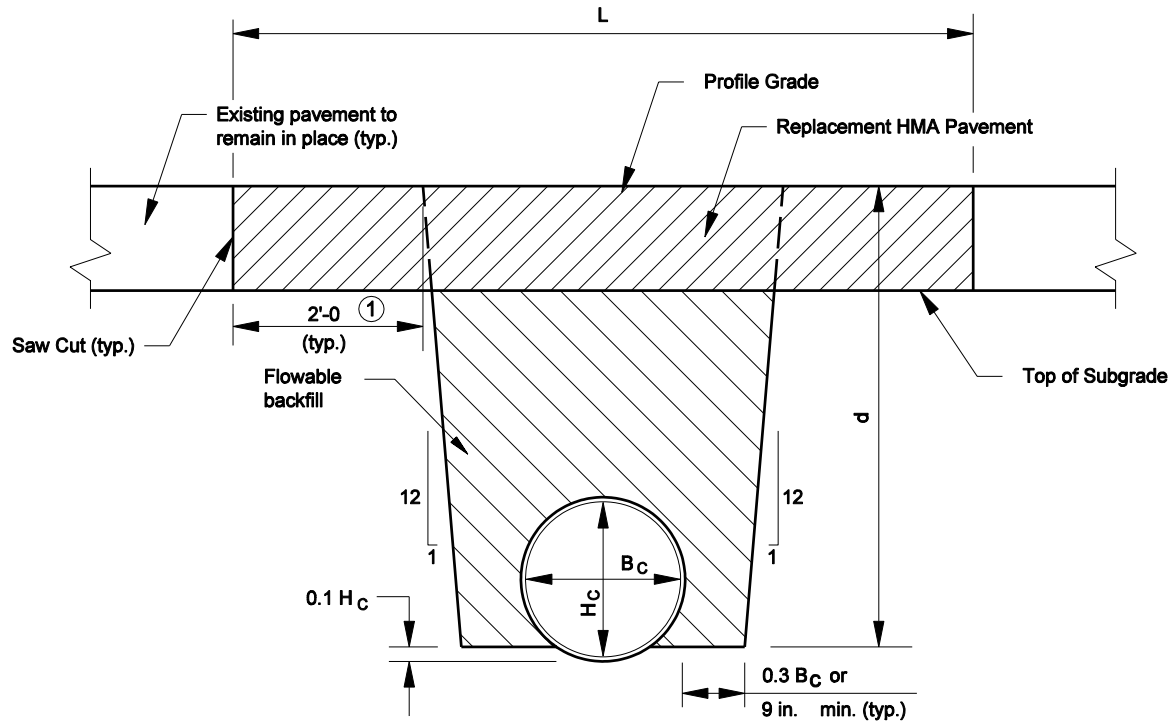
All dimensions are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE PLACEMENT UNDER  
EXISTING ROADWAY

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**COMPOSITE REPLACEMENT PAVEMENT**



- $L$  = 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:**

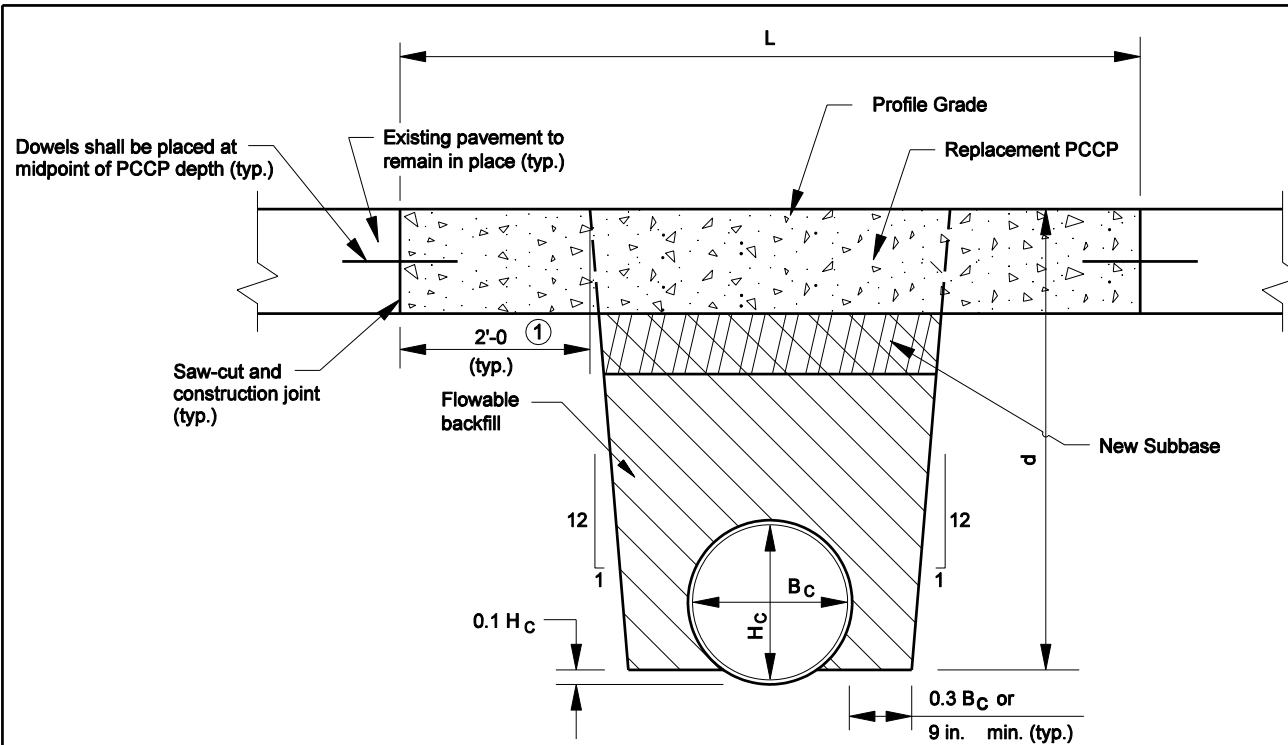
- ① Existing subgrade over this longitudinal distance shall remain in place.
2. The minimum pavement sections shall be as follows:  
 HMA: 165 #/yd<sup>2</sup> HMA Surface, Type A, B, C, or D on  
 275 #/yd<sup>2</sup> HMA Intermediate, Type A, B, C, or D on  
 variable HMA Base, Type A, B, C, or D.
3. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing E 718-UNDR-01.

**HMA REPLACEMENT PAVEMENT**

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STRUCTURE PLACEMENT UNDER  
EXISTING ROADWAY

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- $L$  = 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:**

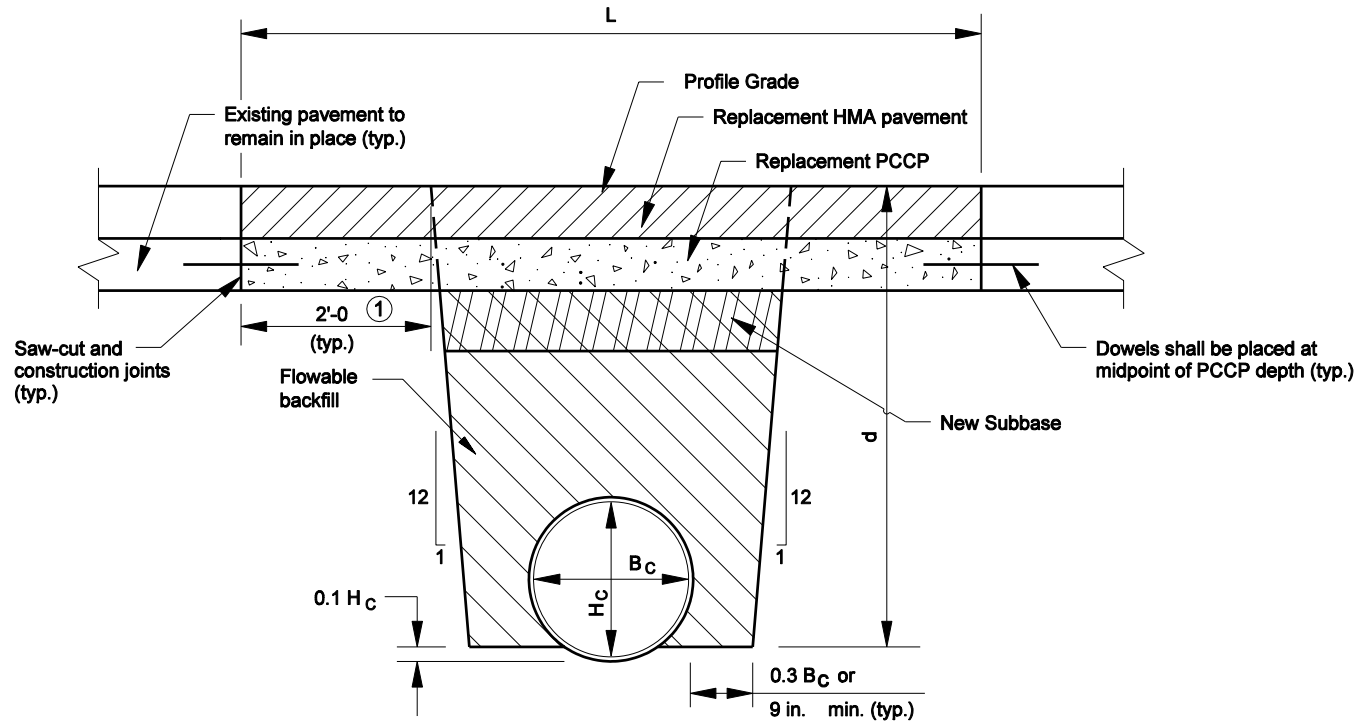
- ① Existing subbase over this longitudinal distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
3. See Standard Drawing E 506-CCPP-01 for subbase, dowels, and construction joint details.
4. If underdrains are present, they shall be perpetuated in accordance with the details shown on Standard Drawing E 718-UNDR-01.

**PCCP REPLACEMENT PAVEMENT**

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STRUCTURE PLACEMENT UNDER  
EXISTING ROADWAY

11/01/04



- $L$  = 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 over this longitudinal distance shall remain in place.
2. The thickness of the replacement PCCP shall match that of the existing concrete pavement.
3. The HMA pavement sections shall be as follows:
  - 165 #/yd<sup>2</sup> HMA Surface, Type A, B, C, or D on
  - variable HMA Intermediate, Type A, B, C, or D on
  - variable HMA Base, Type A, B, C, or D.
 The lay rates of the Intermediate and Base courses shall match those for the existing courses.
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.

## COMPOSITE REPLACEMENT PAVEMENT

INDIANA DEPARTMENT OF TRANSPORTATION

STRUCTURE PLACEMENT UNDER  
EXISTING ROADWAY

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