

**SECTION B-B  
ROCK FOUNDATION**

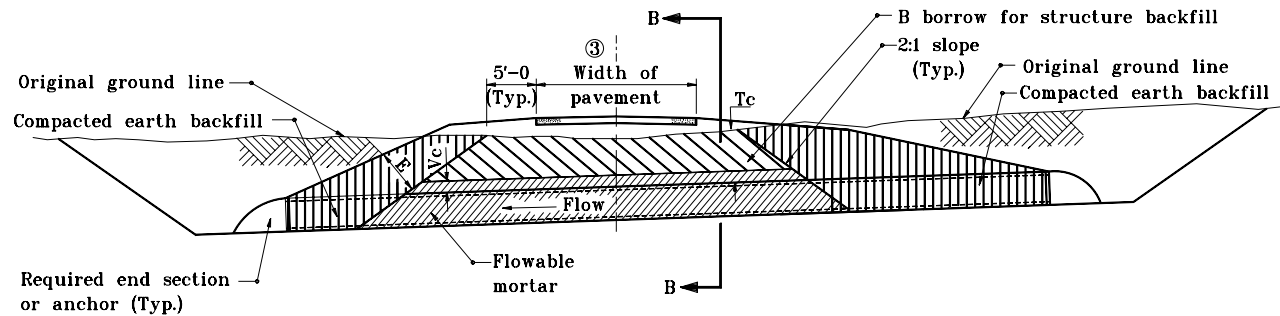
**LEGEND**

Hc = Overall diameter or rise  
 Bc = Overall diameter or span  
 A = 8" min. for fill height up to 16'  
       = 12" min. for fill height of 16' or more  
 Tc = Trench cover depth  
 Vc = 12" for Bc ≤ 18"  
       = 18" for Bc > 18"  
 W = 6" for Bc ≥ 21"  
       = 0.3 Bc for 21" < Bc ≤ 42"  
       = 12" for Bc > 42"

⑦ E = Encasement

**METHOD 1 BACKFILL**

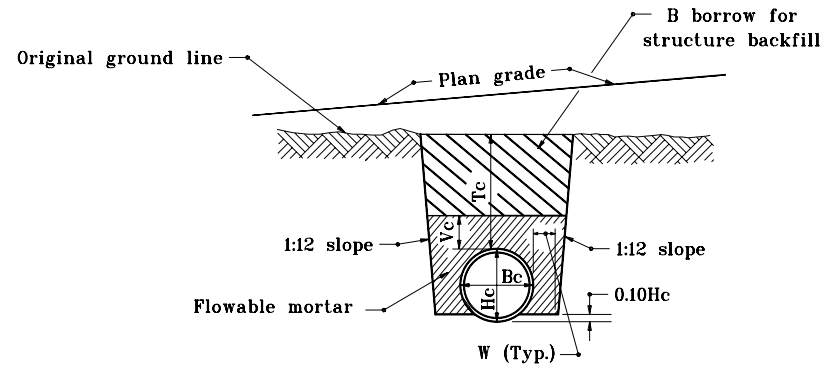
Structures under mainline pavement and public road approaches.



**ELEVATION**

**NOTE**

1. Refer to Standard Drawing E 715-BKFL-09 for general notes.



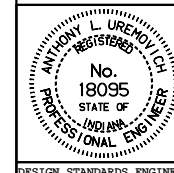
**SECTION B-B**

INDIANA DEPARTMENT OF TRANSPORTATION

**PIPE STRUCTURE BACKFILL  
TRENCH INSTALLATIONS**

JANUARY 1998

STANDARD DRAWING NO. E 715-BKFL-04



DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 8-01-98  
DESIGN STANDARDS ENGINEER DATE

/s/ Wiroch Zimatis 8-01-98  
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

ORIGINALLY APPROVED 1-02-98