

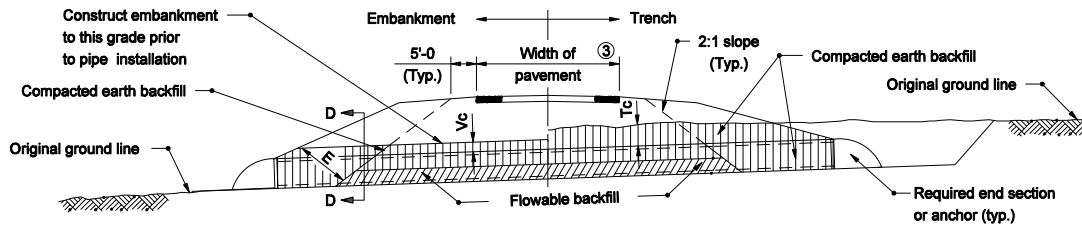
**SECTION D-D**  
**EMBANKMENT/TRENCH INSTALLATION**  
**ROCK FOUNDATION**

**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
- Vc = 12" for Bc ≤ 18"
- = 18" for Bc > 18"
- Tc = Trench cover depth
- W = 6" for Bc ≤ 21"
- = 0.3 Bc for 21" < Bc ≤ 42"
- = 12" for Bc > 42"
- ⑦ E = Encasement

**METHOD 2 BACKFILL**

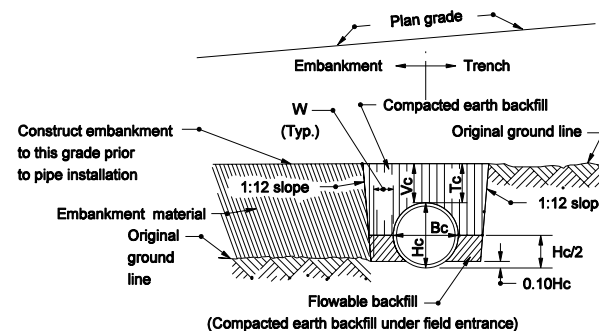
Structures under commercial and private drive approaches.



**ELEVATION**

**NOTES**

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



**SECTION D-D**  
**EMBANKMENT/TRENCH INSTALLATION**

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>PIPE STRUCTURE BACKFILL DRIVEWAY INSTALLATIONS</b>	
<b>MARCH 2005</b>	
<b>STANDARD DRAWING NO. E 715-BKFL-08</b>	
	/s/ Richard L. VanCleave      3-01-05 DESIGN STANDARDS ENGINEER      DATE
	/s/ Richard K. Smutzer      3-01-05 CHIEF HIGHWAY ENGINEER      DATE
DESIGN STANDARDS ENGINEER	