



H - HEIGHT OF COVER MEASURED FROM TOP OF CULVERT TO FINISHED GRADE.

FOR NORMAL EARTH FOUNDATION:  
FOR PRECAST AND CAST IN PLACE BOX CULVERT  $b = 6''$

FOR ROCK FOUNDATION:  
FOR PRECAST BOX CULVERT  $b = 1/4''$  PER 12" OF  
H - 8" MIN., 24" MAX.  
FOR CAST IN PLACE BOX CULVERT  $b$ -DEPTH AS SHOWN  
ON PLANS OR WHERE NO BEDDING IS SPECIFIED BOTTOM  
SLAB TO BE KEYED INTO EXISTING ROCK FOUNDATION.  
FOR SOFT, YIELDING OR OTHERWISE UNSUITABLE FOUNDATION:  
FOR PRECAST AND CAST IN PLACE BOX CULVERT  
 $b$  - DEPTH AS SHOWN ON PLANS OR TO FIRM BEARING SOIL.



BEDDING MATERIAL IN ACCORDANCE WITH SECTION 302 OF THE ROAD AND BRIDGE SPECIFICATIONS.



REGULAR BACKFILL MATERIAL IN ACCORDANCE WITH SECTION 302 OF THE ROAD AND BRIDGE SPECIFICATIONS.



EMBANKMENT

SHEET 4 OF 4

## INSTALLATION OF BOX CULVERTS BEDDING AND BACKFILL - METHOD "A"

VIRGINIA DEPARTMENT OF TRANSPORTATION

REV. 1 / 04

107.04

SPECIFICATION  
REFERENCE

302

303