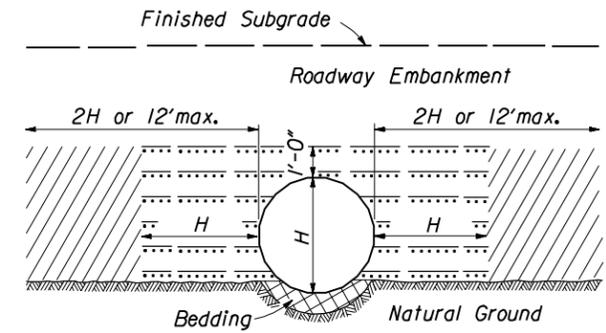
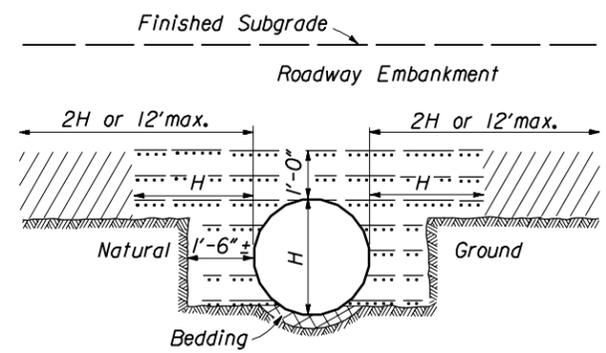


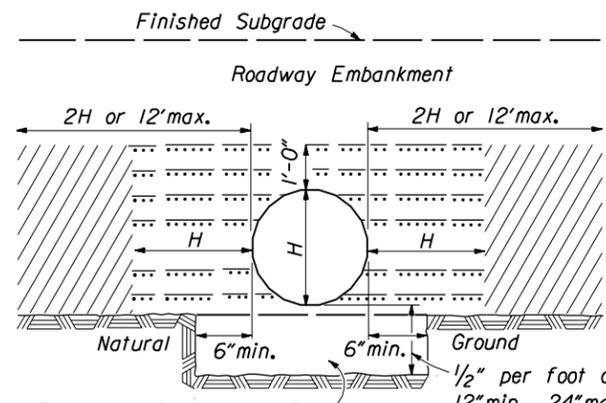
ABOVE NATURAL GROUND



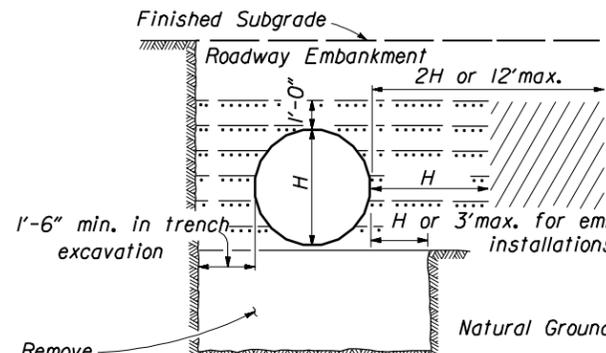
ON NATURAL GROUND



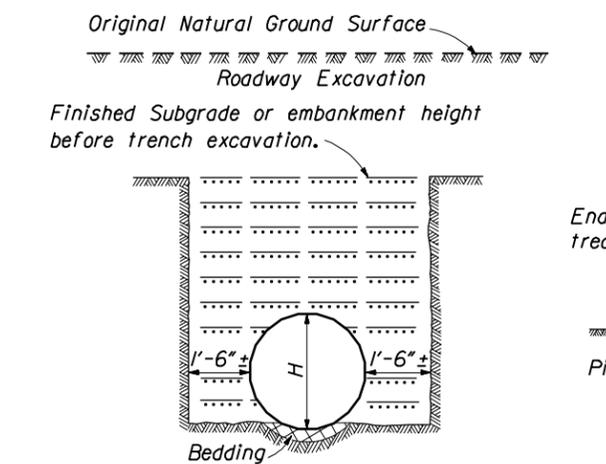
ABOVE AND BELOW NATURAL GROUND



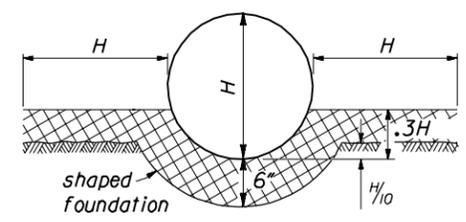
ON UNYIELDING MATERIAL



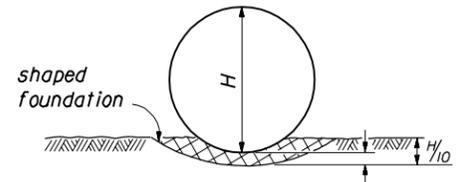
ON UNSTABLE MATERIAL



BELOW NATURAL GROUND OR TRENCH EXCAVATION IN EMBANKMENT



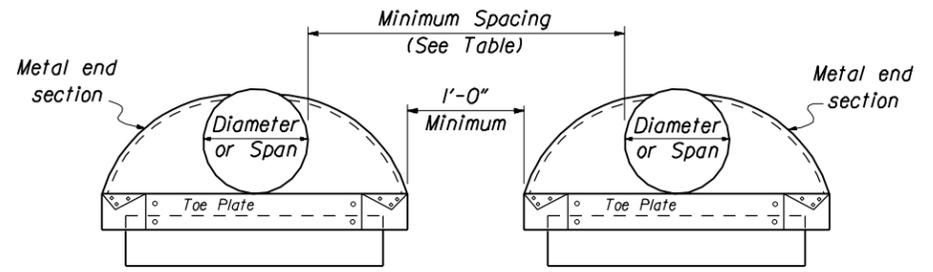
CLASS B BEDDING



CLASS C BEDDING

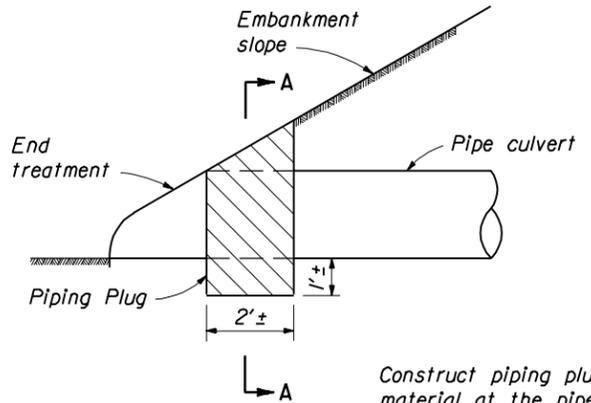
NOTES:

1. When directed, camber pipe culverts upward from a chord through the inlet and outlet inverts an ordinate amount equal to 1% of the pipe length. Develop camber on a parabolic curve. If the midpoint elevation on the parabolic curve as designed exceeds the elevation of the inlet invert, reduce the amount of camber or increase the pipe culvert gradient.
2. H equals the diameter of all round pipe culverts or the rise dimension of all pipe arch culverts.
3. Bed pipe culverts 48 inches and larger in diameter and pipe arch culverts 38 inches and greater in rise in Class B Bedding. Bed smaller pipe culverts in Class B or C Bedding.



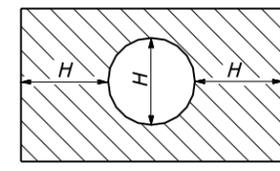
MINIMUM SPACING	
DIAMETER or SPAN INCHES	SPACING INCHES
UP to 48	24
48 and UP	1/2 Diameter or Span or 36 whichever is less

MULTIPLE PIPE INSTALLATION



Construct piping plug of impermeable backfill material at the pipe culvert inlet where granular material is used for backfill.

PIPING PLUG



SECTION A-A

- Bedding Material
- Embankment material placed in layers not exceeding 6" compacted depth.
- Approved granular material or fine compactable soil placed in layers not exceeding 6" compacted depth.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
FEDERAL LANDS HIGHWAY

STANDARD

METAL AND PLASTIC PIPE CULVERT BEDDING

STANDARD APPROVED FOR USE --/----

REVISIONS:

STANDARD 602-3

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