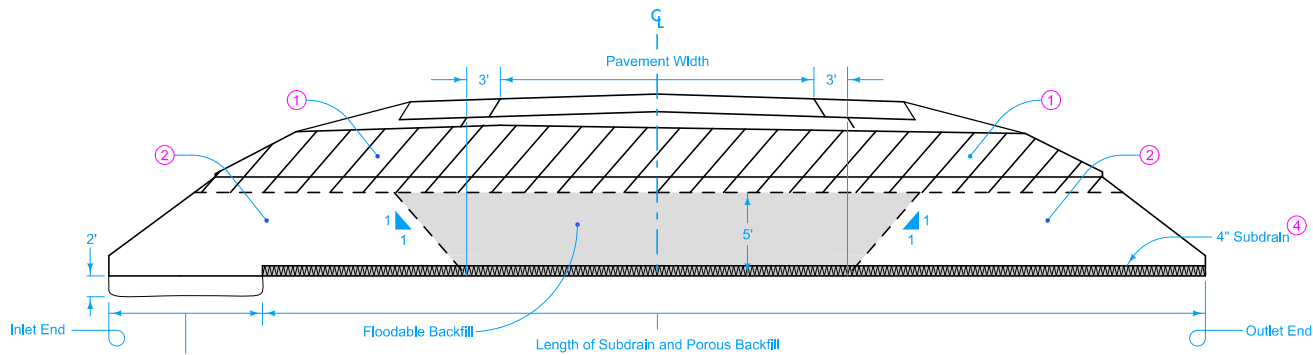


RCB INSTALLATION



TYPICAL SECTION - COHESIVE SOIL PLUG

Denotes pay limits for flooded backfill

- ① Excavated material meeting the requirements of the Standard Specifications. Compact using moisture control. The Contractor has the option to use Floodable Backfill. No additional compensation will be provided if the Contractor elects to use Floodable Backfill in lieu of suitable soil.
- ② Prior to flooding, place a cohesive soil plug to the height of the floodable backfill at the inlet, outlet and sides of the culvert.
- ③ Quantity calculations are based upon a 1:1 slope and minimum trench dimension. Actual slope of trench may vary based upon Contractor's operations.
- ④ Place at flowline elevation of culvert starting at parapet for inlet and outletting at end of outlet headwall wings. Cover with a minimum of 4 inches of Porous Backfill.

Possible Contract Items:
 Flooded Backfill
 Excavation, Class 20
 Compaction with Moisture Control (Structures)

Possible Tabulations:
 103-6
 104-3
 104-4

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|--|----------------------------|
| Iowa Department of Transportation | REVISION New 04-15-14 |
| | SHEET 1 of 1 |
| STANDARD ROAD PLAN | |
| RF-30D | |
| REVISIONS: New. | |
| | |
| APPROVED BY DESIGN METHODS ENGINEER | |
| BOX CULVERT (BACKFILL) | |