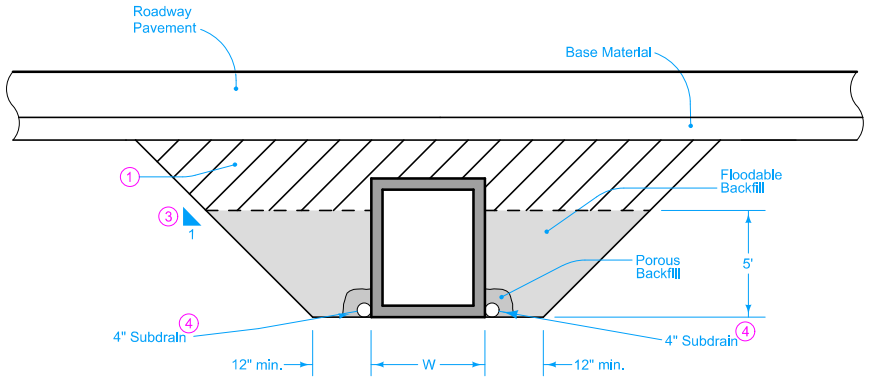
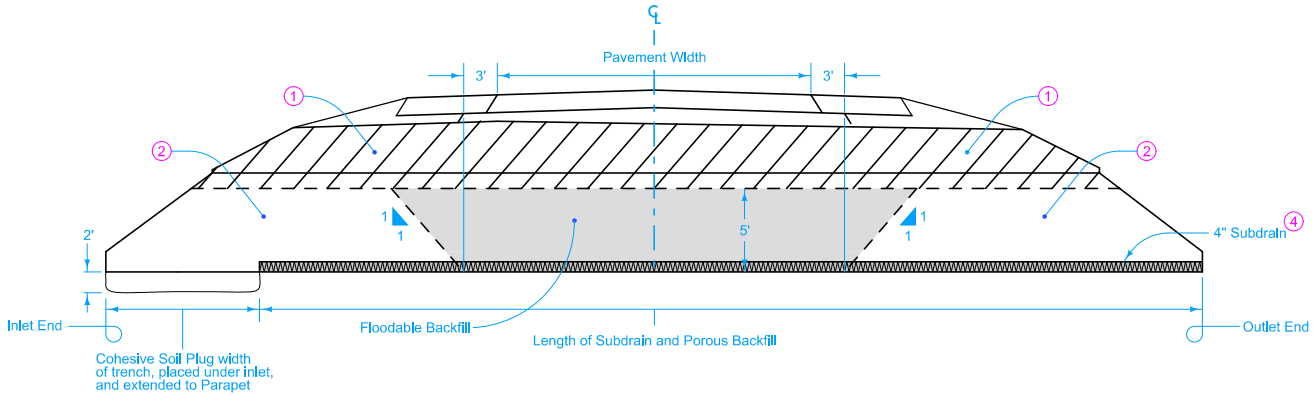
DESIGNER INFO



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
- 104-4

IOWA DOT

REVISION	
1	10-21-14

STANDARD ROAD PLAN

RF-30D

SHEET 1 of 1

REVISIONS: Removed 104-3 from the list of Possible Tabulations.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

BOX CULVERT (BACKFILL)