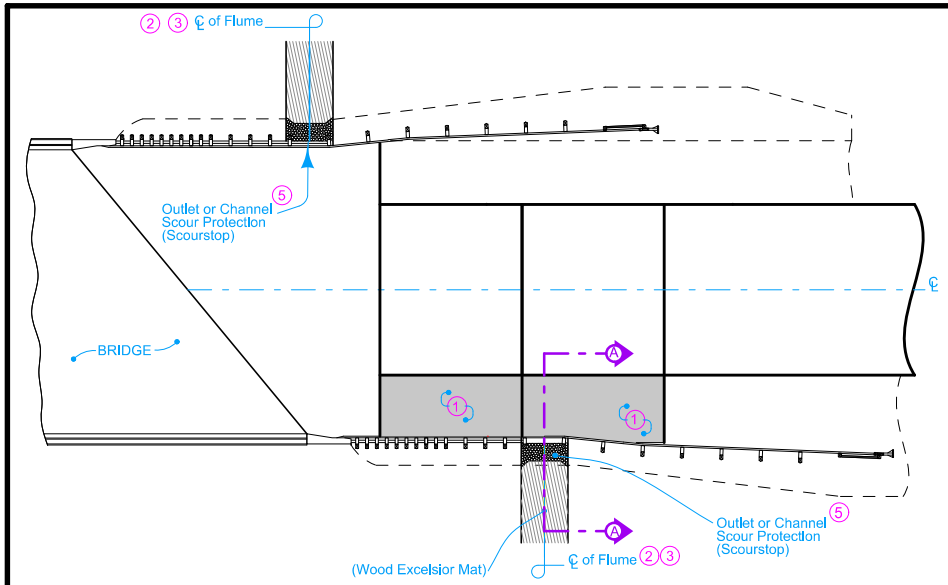
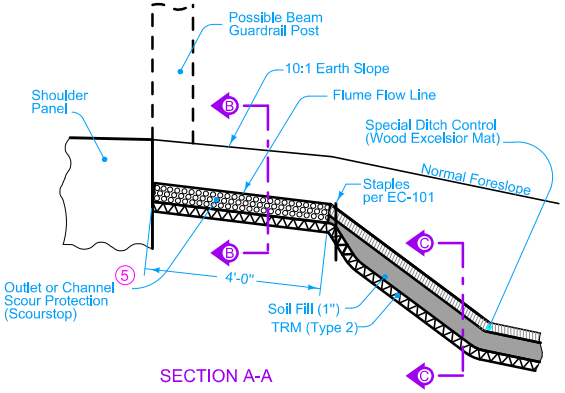
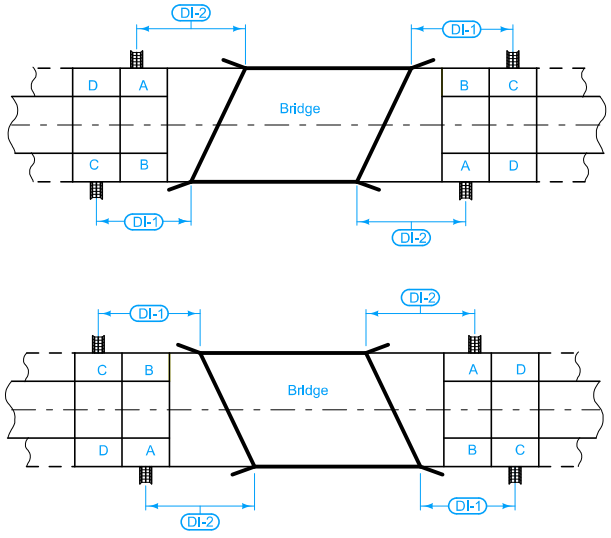


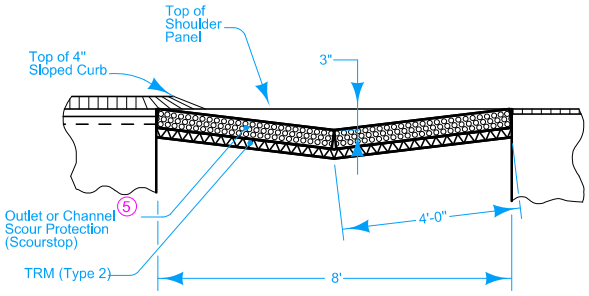
PLAN



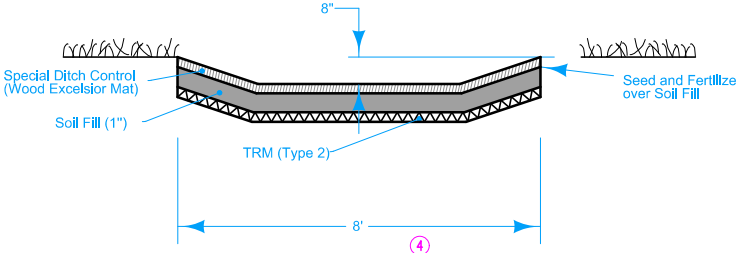
SECTION A-A



PCC SHOULDER PANEL LOCATIONS ②



SECTION B-B



SECTION C-C ④

① Paved shoulder panel will be paid for as, "Paved Shoulder, P.C.C. (Panel Bridge-End Drain)". Continue 4" sloped curb to edge of flume per section B-B.

Install modified subbase and polymer grid under PCC shoulder panels as shown in Section A-A on RK-20, RK-25,or RK-26.

② DI-1 and DI-2 distances measured from center of Bolt Pattern. Locate flume 5 feet or more from the nearest transverse pavement joint. Joint locations are determined by the bridge approach section.

③ Extend the TRM flume to low point of ditch.

④ Transition the flume flow line depth from 3 inches at the downstream edge of Scourstop to 8 inches with an approximate transition rate of 1 inch vertical per 1 foot horizontal.

⑤ Scourstop panels must abut the edge of pavement to prevent from being undercut by water. Panels are to be cut to fit around guardrail posts to ensure pavement edge contact. Measurement for Outlet or Channel Scour Protection (Scourstop) will be in square feet. No deduction will be made for area removed for guardrail posts. Payment will be the contract unit price per square foot for Outlet or Channel Scour Protection (Scourstop). Payment is full compensation for furnishing and installing Outlet or Channel Scour Protection (Scourstop).

Possible Contract Items:
- Outlet or Channel Scour Protection (Scourstop)
- Paved Shoulder, P.C.C. (Panel Bridge-End Drain)
- Turf Reinforced Mat (TRM)

Incidental to Paved Shoulder:
- Modified Subbase
- Polymer Grid

Incidental to Turf Reinforced Mat (TRM):
- Soil Fill
- Special Ditch Control (Wood Excelsior Mat)
- Seeding and Fertilizing
- Watering for Sod, Special Ditch Control, or Slope Protection

Possible Tabulation:
- 104-8A

Iowa Department of Transportation

STANDARD ROAD PLAN

REVISION	
16	10-16-12

RF-39

SHEET 1 of 1

REVISIONS: Changed Staples reference from RC-5 to EC-101.

Deanna Maifield
APPROVED BY DESIGN METHODS ENGINEER

SCOUR PROTECTION FOR BRIDGE END DRAIN