

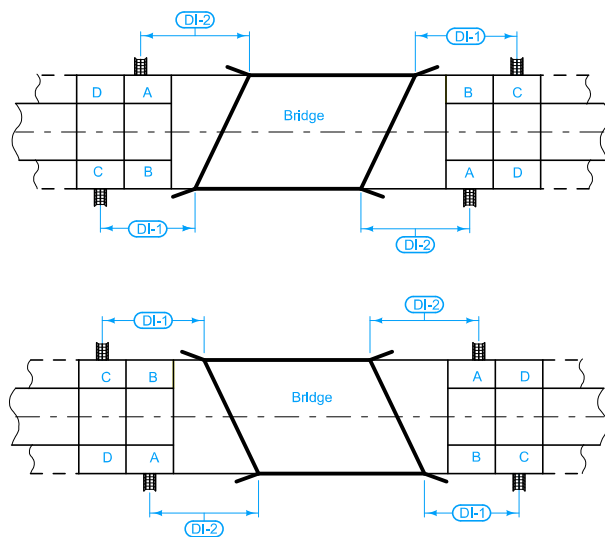
- ① Paved shoulder panel will be paid for as, "Paved Shoulder, P.C.C. (Panel Bridge-End Drain)". Continue 4" sloped curb to edge of flume per section B-B. Refer to RK-20, RK-25, RK-26 or RK-27 for details of 4" sloped curb.
- Install modified subbase and polymer grid under PCC shoulder panels as shown in Section A-A on RK-20, RK-25, RK-26, or RK-27.
- ② DI-1 and DI-2 distances measured from center of Bolt Pattern. Locate center of flume 9 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)

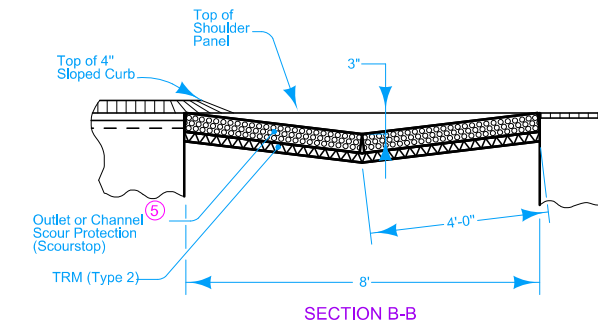
Incidental to Paved Shoulder:
 Modified Subbase
 Polymer Grid

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

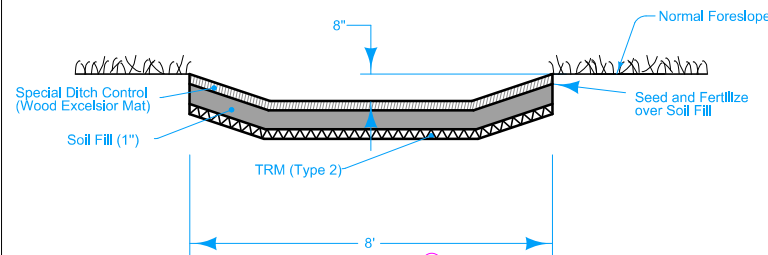
Possible Tabulation:
 104-8A



PCC SHOULDER PANEL LOCATIONS ②



SECTION B-B



SECTION C-C ④

 Iowa Department of Transportation STANDARD ROAD PLAN <small>REVISIONS: Changed location of Bridge End Drain in PLAN view. Updated PLAN view, SECTION A-A. Modified circle notes 1 and 2.</small> <i>Deanna Maifield</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>	<small>REVISION</small> 17 04-16-13	
	RF-39	
	<small>SHEET 1 of 1</small>	
	SCOUR PROTECTION FOR BRIDGE END DRAIN	