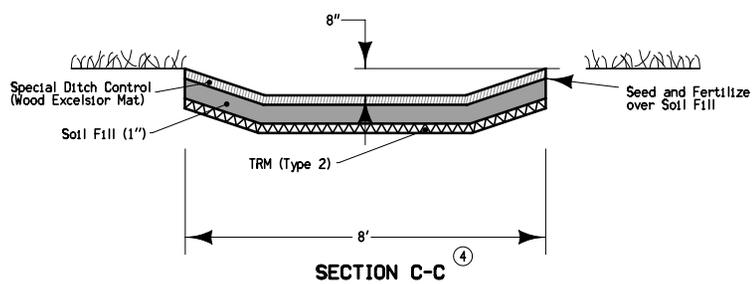
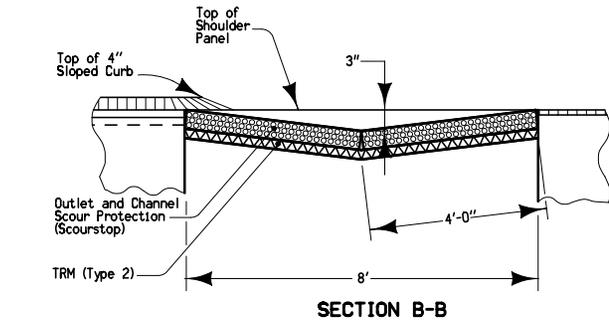


PCC SHOULDER PANEL LOCATIONS ②



Price bid for the following Contract Items and associated incidental items is considered full compensation for furnishing, installing, and constructing the Bridge End Drain as shown.

- 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 make contact with 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.

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

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|---|--------------|
| Iowa Department of Transportation | REVISION |
| | 14 04-20-10 |
| STANDARD ROAD PLAN | RF-39 |
| SHEET 1 of 1 | |
| REVISIONS: Modified notes and dimensions. Added shading. Updated guardrail cells. Updated language. | |
| <small>APPROVED BY DESIGN METHODS ENGINEER</small> | |
| SCOUR PROTECTION FOR BRIDGE END DRAIN | |