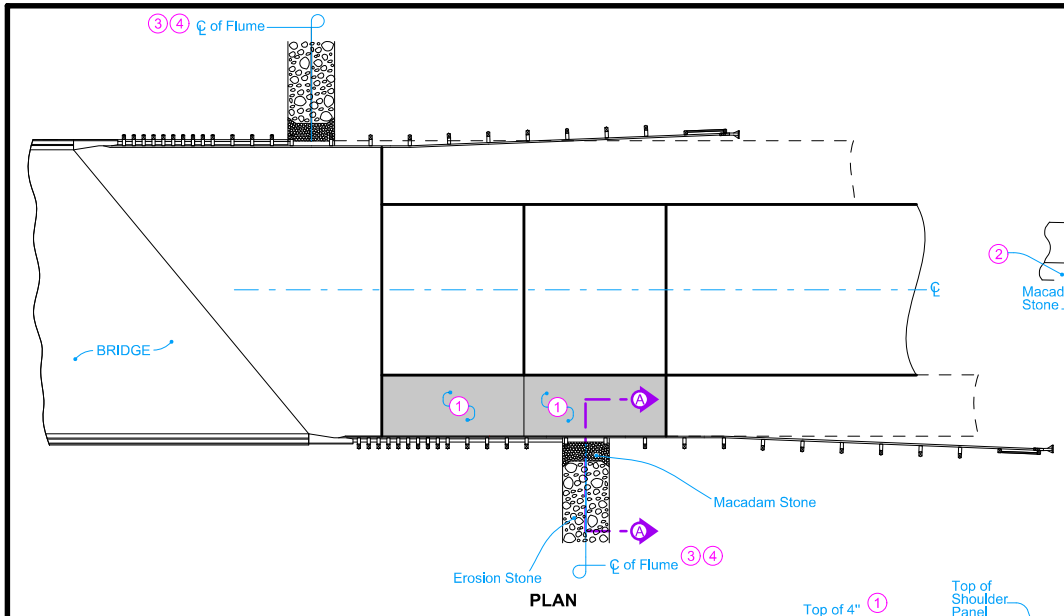
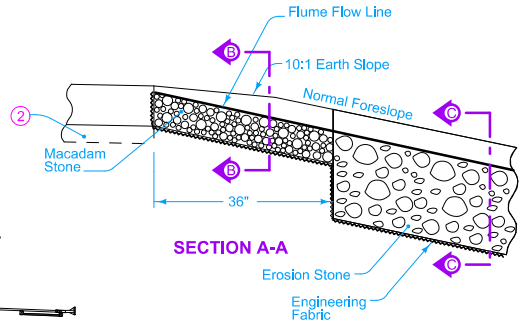
DESIGNER INFO



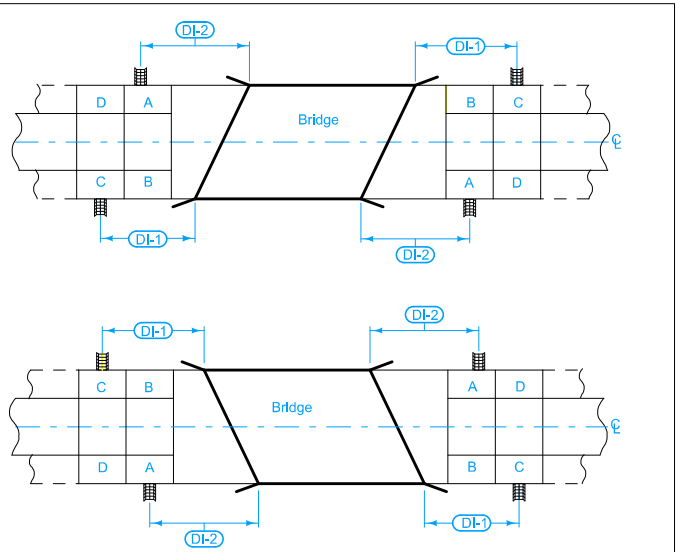
PLAN



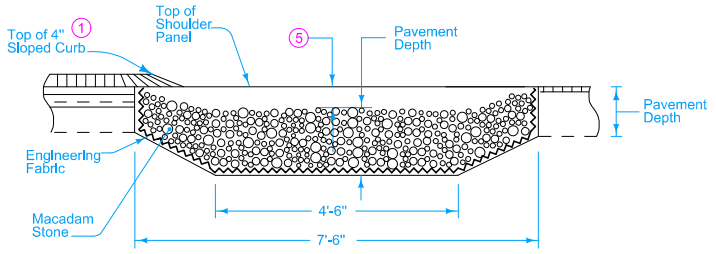
SECTION A-A

Price bid for "Bridge End Drain, DR-402" is full compensation for furnishing, installing, and constructing the Bridge End Drain as shown.

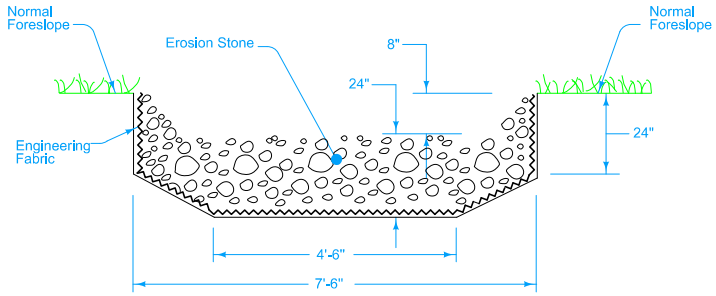
1. Continue 4 inch sloped curb to edge of flume per section B-B. Refer to BR-201, BR-202, BR-203, or BR-204 for details of 4 inch curb.
2. Install modified subbase and polymer grid under PCC shoulder panels as shown in Section A-A on BR-201, BR-202,or BR-203, or BR-204.
3. DI-1 and DI-2 distances measured 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.
4. Extend rock flume to low point of ditch.
5. Transitions from 2 inches at edge of pavement to 8 inches within 3 feet.



PCC SHOULDER PANEL LOCATIONS 3



SECTION B-B



SECTION C-C

Possible Contract Items:
- Paved Shoulder, Portland Cement Concrete (Paved Shoulder Panel for Bridge-End Drain)
- Bridge End Drain, DR-402

Incidental to Paved Shoulder:
- Modified Subbase
- Polymer Grid

Incidental to Bridge End Drain:
- Macadam Stone Base Material
- Erosion Stone
- Engineering Fabric
- Excavation, hauling, and disposing of material

Possible Tabulation:
- 104-8A

IOWA DOT

STANDARD ROAD PLAN

REVISION	
New	04-21-15

DR-402

SHEET 1 of 1

REVISIONS: New. Replaces RF-40.

Brian Smith
APPROVED BY DESIGN METHODS ENGINEER

ROCK FLUME FOR BRIDGE END DRAIN