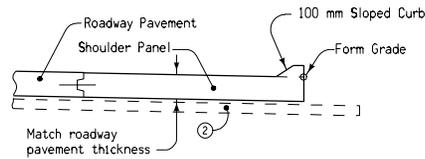
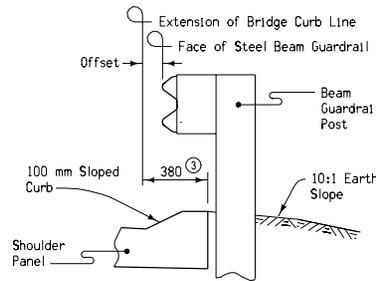


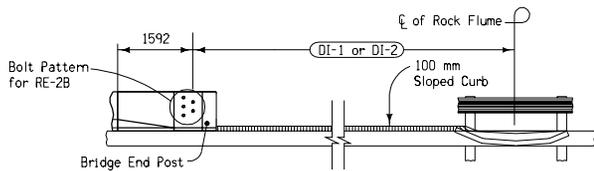
PLAN VIEW



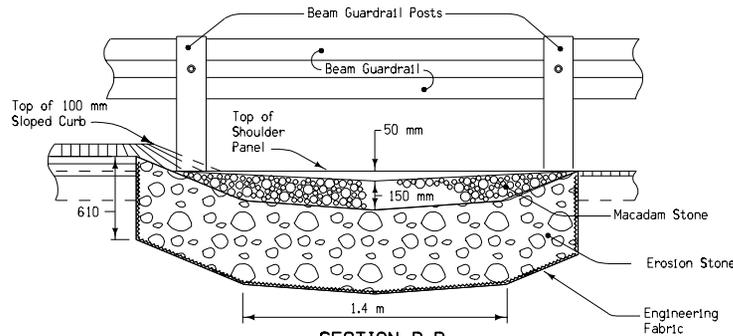
SECTION A-A  
Shoulder Panel



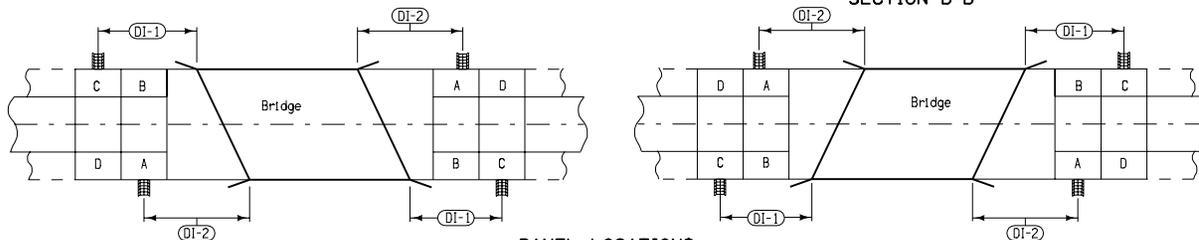
SECTION B-B  
Curb Location Detail



ELEVATION



SECTION D-D



PANEL LOCATIONS

For panel locations for specific projects, see "Tabulation of Sod or Rock Flume for Bridge End Drain".

**GENERAL NOTES:**

Rock Flume shall be located 1.5 meters or more from the nearest transverse pavement joint. Joints are determined by Bridge Approach Section.

Paved shoulder panels will be paid for as "Portland Cement Concrete Paved Shoulders". Modified Subbase and Polymer Grid under paved shoulder panels adjacent to the bridge approach shall be incidental to "Portland Cement Concrete Paved Shoulders".

Price bid for "RF-40 Bridge End Drain" shall be considered full compensation for furnishing, installing, and constructing the Bridge End Drain as shown, including excavation, hauling, and disposing of material.

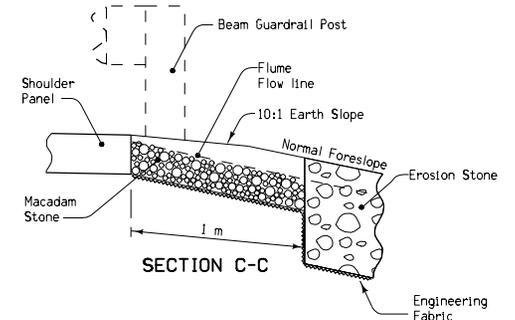
**Contract Items:**

- Paved Shoulder, P.C. Concrete
- Bridge End Drain, RF-40

**Incidental to Bridge End Drain:**

- Macadam Stone Base Material
- Erosion Stone
- Engineering Fabric

- ① Paved shoulder panel.
- ② Modified subbase and polymer grid shall be installed under shoulder panels as shown in Section A-A or D-D on Standard Road Plan RK-19A.
- ③ This dimension is 265 millimeters approaching a bridge with Retrofit Bridge End Posts.



SECTION C-C

All dimensions given in millimeters unless noted.

<b>METRIC VERSION</b>	<b>Iowa Department of Transportation</b> Highway Division	
	<b>STANDARD ROAD PLAN</b>	
	<b>RF-40</b>	
	REVISION: NEW.	REVISION NO. New
<i>William J. Stem</i> APPROVED BY DESIGN METHODS ENGINEER		REVISION DATE 10-21-03
<b>ROCK FLUME FOR BRIDGE END DRAIN</b>		