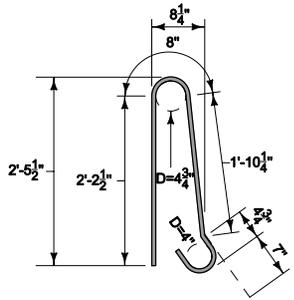
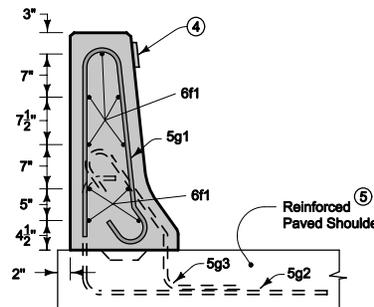


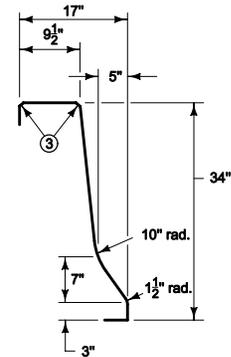
ELEVATION



5g1 BENT BAR



SECTION A-A



BARRIER FACE

Use Grade 60 epoxy-coated reinforcing bars. Provide 2 inches minimum cover. Anchor all reinforcement to prevent movement. Secure each section at the front, back, and at 3'-6" intervals using a method approved by the Engineer.

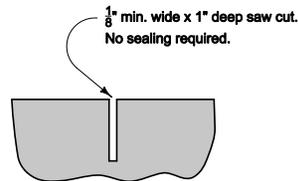
- ① Expansion joints are necessary only where specifically required by project plans. Conform expansion material to the shape of the barrier. No sealer is required.
- ② Where abutting sections are placed as separate pours, a butt joint may be used. Extend longitudinal reinforcement into the abutting section a minimum of 1'-6". Contraction joint locations shall match pavement joint locations.
- ③ Fillet all exposed corners with a 3/4 inch dressed and beveled strip.
- ④ Place barrier markers at 100 foot increments in areas with non-continuous lighting, or 250 foot increments in areas with continuous lighting. Marker color to be the same as adjacent edge line.
- ⑤ Refer to BA-106 for details of 5g2 bars, 5g3 bars, and reinforced paved shoulder.

Possible Contract Item:
Concrete Barrier, BA-104

Possible Tabulation:
108-18B

ESTIMATED QUANTITIES FOR BARRIER Per Linear Foot	
Concrete - Cu. Yds.	0.12
Reinforcing Steel - Lbs.	17.5

REINFORCING BAR LIST Per Section (Approximately 20')			
Bar	Number of Bars	Length	Spacing
5g1	15	5'-8 1/2"	1'-4"
6f1	9	19'-4"	—



SAWED CONTRACTION JOINT

Saw cut top and front face. Saw cut back if exposed.

 Iowa Department of Transportation	REVISION
	New 04-20-10
STANDARD ROAD PLAN	BA-104
REVISIONS: New. Replaces RE-44F.	SHEET 1 of 1

APPROVED BY DESIGN METHODS ENGINEER

**34" CONCRETE BARRIER
FOR USE WITH
REINFORCED PAVED SHOULDER**