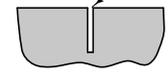


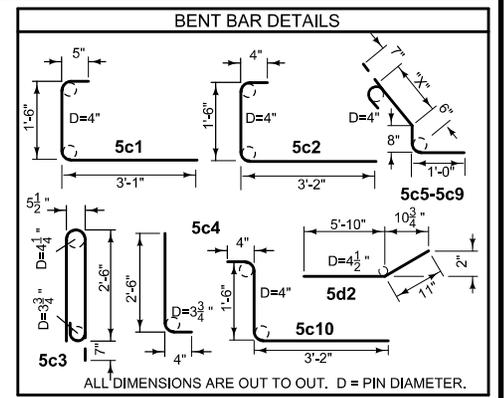
BAR	"X"
5c5	0 3/16"
5c6	8 11/16"
5c7	10 9/8"
5c8	1'-1 5/8"
5c9	1'-4 1/8"

1/8" min. wide x 1" deep saw cut. No sealing required.



**SAWED CONTRACTION JOINT**  
Saw cut top and front face.  
Saw cut back if exposed.

**CONCRETE QUANTITIES**  
Per End Section  
0.62 cy



REINFORCING BAR LIST					
BAR	LOCATION	SHAPE	NO.	LENGTH	WEIGHT
5c1	VERTICAL	L	8	5'-0"	42
5c2	VERTICAL	L	2	5'-0"	10
5c3	VERTICAL	fl	8	6'-1"	51
5c4	VERTICAL	L	4	2'-10"	12
5c5-5c9	VERTICAL	L	5	VARIES	17
5c10	VERTICAL	L	5	5'-0"	26
5d1	HORIZONTAL	—	5	6'-8"	35
5d2	HORIZONTAL	—	4	6'-9"	28
5d3	HORIZONTAL	—	1	3'-5"	4
TOTAL WEIGHT (LBS.)					225

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.

- Expansion joints are necessary only where specifically required by project plans. Conform expansion material to the shape of the barrier. No sealer is required.
- 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".
- Fillet all exposed corners with a 3/4 inch dressed and beveled strip.
- Form holes using 1 inch diameter plastic conduit.
- See BA-106 for details of 5e3 bars, 6e1 bars, and reinforced paved shoulder.

Possible Contract Item:  
Concrete Barrier Rail, BA-107

Possible Tabulation:  
108-18B

 Iowa Department of Transportation	REVISION 2 10-18-11
	<b>STANDARD ROAD PLAN</b>
	<b>BA-107</b> SHEET 1 of 1
REVISIONS: Labeled 5d2 bars, Modified "X" bar dimensions and respective bar lengths and bar weights, Updated language in notes.	
APPROVED BY DESIGN METHODS ENGINEER <i>Deanna Maiford</i>	
<b>CONCRETE BARRIER END SECTION</b>	