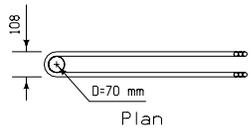


Elevation

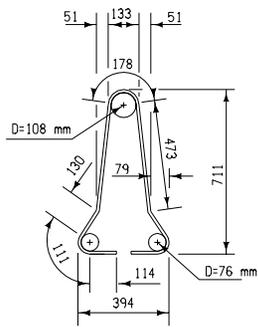
(Marked end shown, invert for other end.)



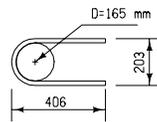
Plan

BENT BAR DETAILS

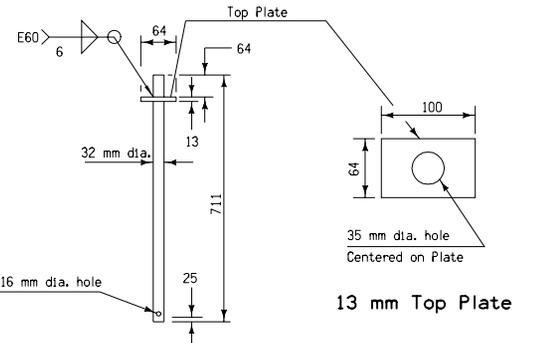
(Dimensions are out to out of bars unless otherwise noted.)



4A1



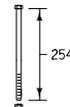
6A2



13 mm Top Plate

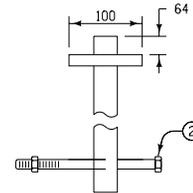
CONNECTION PIN

(A36 Steel) 4.93 kg. each



RETAINER BOLT & NUT

13 mm dia. bolt & nut (ASTM A490, Grade 8)



ENLARGED PIN DETAIL

CONNECTION PIN ASSEMBLY

Per 3810 mm Barrier Section

REINFORCING A615M Gr. 420

Bar	Bar Size	Shape	No. of Bars	Length mm	Weight kg
4A1	13		12	1834	21.9
6A2	19		6	898	12.0
5B1	16		3	3708	17.3
4C1	13		2	3708	7.4

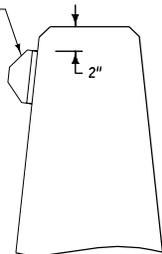
LOOP ASSEMBLY

6D1	19		2	2565	25.3
6D2	19		2	2311	22.8
6D3	19		2	2591	11.6

① Retainer bolt & nut are required for connections with 2-loop barriers (previous designs) or in conjunction with the 'Type 2' Anchorage Straps.

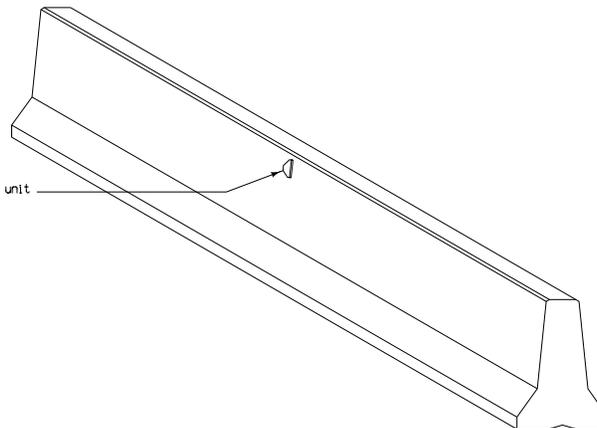
Concrete Barrier Marker facing oncoming traffic, with color matching adjacent edge line

Traffic Side



CONCRETE BARRIER MARKER PLACEMENT

Marker centered on unit



Concrete barrier markers shall be furnished and installed by the Contractor. Markers shall be placed on the barrier as recommended by the manufacturer and as shown on this sheet. The Contractor shall maintain the markers and promptly repair or replace any damaged or missing units. All costs for furnishing, installing and maintaining markers shall be included in the price bid for Temporary Barrier Rail.

All dimensions given in millimeters unless noted.

M	<p>Iowa Department of Transportation</p>	REVISION 7 10-17-06
		<p>STANDARD ROAD PLAN</p> <p>REVISIONS: Changed concrete barrier marker location.</p> <p style="text-align: right;"><i>Deanna Mayfield</i> APPROVED BY DESIGN METHODS ENGINEER</p>
METRIC VERSION	<p>RE-71(2)</p> <p>SHEET 2 of 4</p> <p style="text-align: center;">TEMPORARY BARRIER RAIL (PRECAST CONCRETE)</p>	