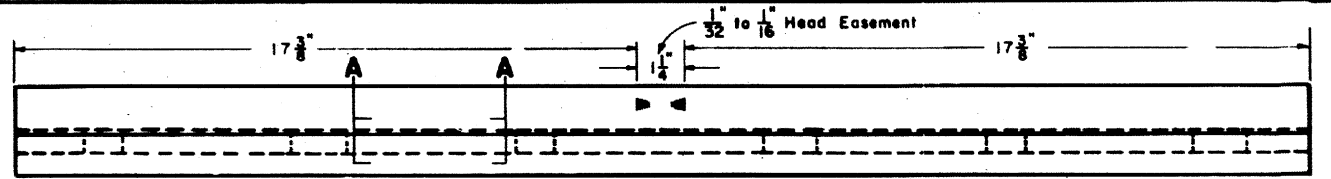
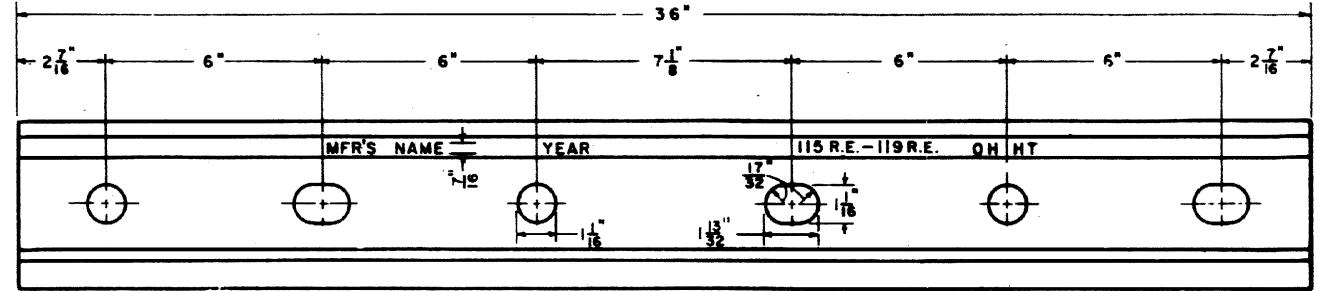


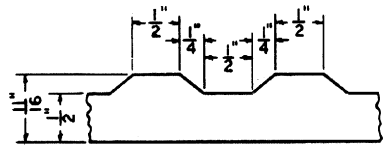
SECTION



PLAN



ELEVATION



**"A" - "A"
SECTION OF WEB**

**MATHEMATICAL ATTRIBUTES
TWO BARS**

Moment of Inertia.....	23.00
Section Modulus above Neutral Axis.....	10.50
Section Modulus below Neutral Axis.....	9.60
Calculated Weight of 2 Bars.....	107.30 Lbs.
Area of 1 Bar.....	Max..... 5.45 Sq.In.
	Min..... 5.07 Sq.In.
	Avg..... 5.26 Sq.In.

The design and patent rights of this joint bar are the property of the Rail Joint Company.

Joint Bars shall be in accordance with the current Conrail MW 183 Specifications.

CONRAIL		71146-B
STANDARD		
119 R.E. JOINT BAR		
SEPTEMBER, 1976		
<i>RH Smith</i> Chief Engineer - Maintenance of Way	<i>W. J. Gardner</i> Chief Engineering Officer	