



**SECTION**

**DRILLING**

Gross Tons per Mile of Track	-----	186.69
Net Tons per Mile of Track	-----	209.09
Track Miles per 1000 Gross Tons	-----	5.36
Track Miles per 1000 Net Tons	-----	4.78

**MATHEMATICAL ATTRIBUTES**

	Area	Sq. Inches	Per Cent
Head	-----	4.32	37.1
Web	-----	3.04	26.1
Base	-----	4.29	36.8
Total	-----	11.65	100.0
Moment of Inertia	-----	71.4	
Sec. Modulus of Head	-----	19.4	
Sec. Modulus of Base	-----	22.9	
Ratio M.I. to Area	-----	6.13	
" Sec. Modulus Head to Area	-----	1.7	
" Height to Base	-----	1.2	
Weight per Yard	-----	118.8 Lbs.	

Rails shall be in accordance with current Conrail MW180 Specifications.

**CONRAIL** **71008-B**

STANDARD

**119 R.E. RAIL**

SEPTEMBER, 1976

*R.H. Smith*

Chief Engineer - Maintenance of Way

*A.P. Gordon*

Chief Engineering Officer