



* The second decimal place of this dimension may be in error to the extent of $\pm .02$ due to limitations of the integrator.

MATHEMATICAL ATTRIBUTES

Area	Square Inches	Per Cent
Head	5.1	33.6
Web	4.3	28.5
Base	5.8	37.9
Total	15.2	100.0
Moment of Inertia	129.0	
Sec. Mod. of Head	28.7	
Sec. Mod. of Base	36.7	
Ratio M. I. to Area	8.5	
" Sec. Mod. to Area	1.9	
" Height to Base	1.19	
" Base to Height	0.84	
Calculated Weight per Yard	155.5 lb.	
Gross Tons per Mile of Track	244.4	
Track Miles per 1000 Gross Tons	4.09	

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THE PENNSYLVANIA RAILROAD STANDARD 155 LBS. P. S. RAILS

OFFICE OF CHIEF ENGINEER, PHILA., PA., JUNE, 1946

Approved: *W. H. Smith*
Chief Engineer