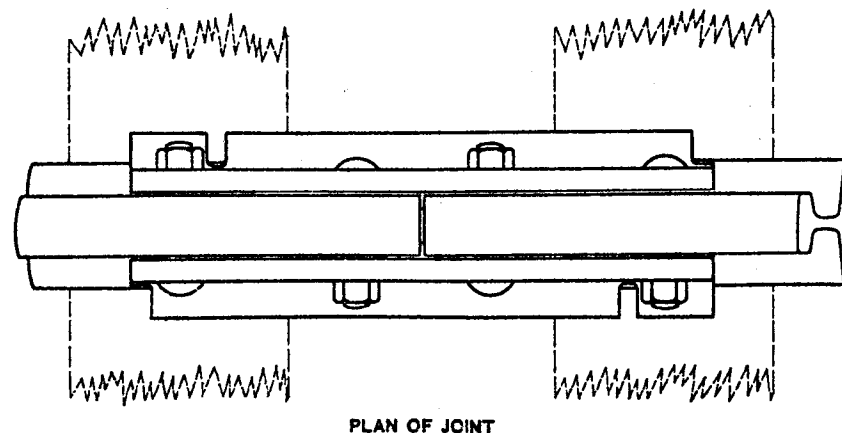


MATHEMATICAL PROPERTIES	
TWO BARS	
Moment of Inertia	14.3
Section Modulus above N. A.	6.6
" " below N. A.	7.2
Weight per inch of 2 Bars	2.64 lbs.
Joint Stiffness	34.1 %
Area	9.30 sq. in.
Estimated Weight of 2 Bars 61 lbs.	



PENNSYLVANIA RAILROAD SYSTEM
STANDARD
100 P.S. L-4 JOINT BAR
PUNCHED 7½ - 5½ - 7¼

OFFICE OF CHIEF ENGINEER, PHILA. PA, JUNE, 1924.
ADDENDUM

Correct *A. L. Luchins*
ENGINEER OF STANDARDS

71171-A

Chief Engineer