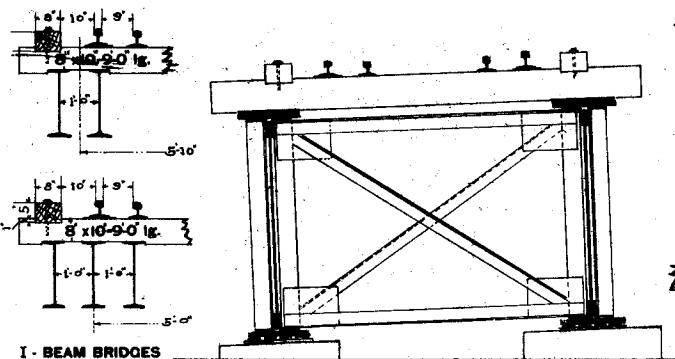


## NOTE:-

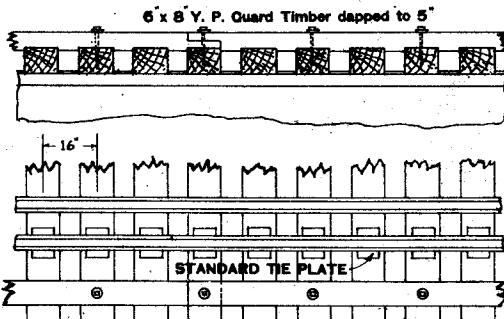
All ties on Deck Girder Bridges to be 10<sup>3</sup> on face. The minimum depths of ties in center of span to be as follows:- For 5'-0" c. to c. of girders - 8" For 6'-0" c. to c. of girders - 9" For 8'-0" c. to c. of girders - 10<sup>1</sup>/<sub>2</sub> Ties to be dapped about thickness of one cover plate; thus requiring deeper ties as cover plates lessen towards end of span.

## DECK PLATE GIRDERS BRIDGES

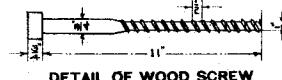


## I - BEAM BRIDGES

Deck Girder Bridges on curves to be elevated by bearing blocks under bed plates. Minimum depth of blocks 3"



6" x 8 Y. P. Guard Timber dapped to 5"



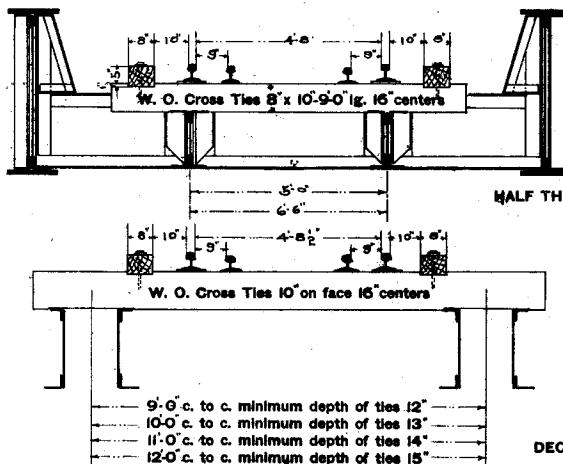
## DETAIL OF WOOD SCREW

## NOTE:-

When raising blocks are used under ties they should be 10" wide and of sufficient depth to give the elevation required, provided such elevation is 2' or more. Tie and blocks must be bored for rivet heads on top of girders.

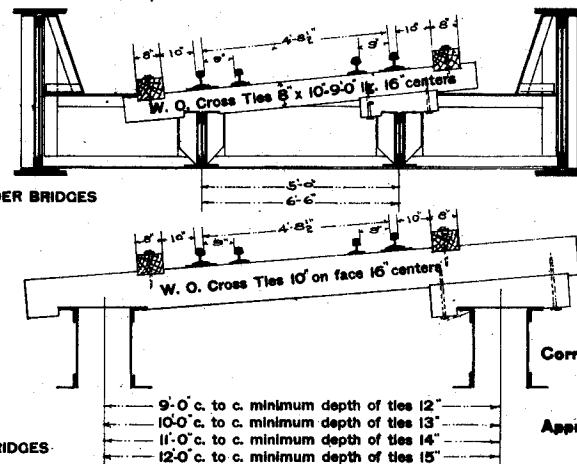
Top of raising block and portion of tie in contact with the same; also screw holes in tie, to be coated with hot creosote oil.

Raising block to be fastened to tie with  $\frac{1}{16}$  sq. in. boat spikes to extend in tie not less than 4". All wood screws to be 1 1/2" long, with washers 2 1/2" diameter, 1/8" thick.



## HALF THROUGH GIRDERS BRIDGES

## DECK TRUSS BRIDGES



9'-0" c. to c. minimum depth of ties 12"  
10'-0" c. to c. minimum depth of ties 13"  
11'-0" c. to c. minimum depth of ties 14"  
12'-0" c. to c. minimum depth of ties 15"

Correct

*L. J. Grinnell*  
ENGINEER M. W.

0' 1' 2' 4' 6'  
SCALE

Approved

*J. J. Richards*  
CHIEF ENGINEER M. W.

Approved

*H. L. Ryne*  
GENERAL MANAGER



# 59333

## P. R. R. STANDARD WOODEN FLOOR FOR TRACK BRIDGES

REVISED MAR. 1908.

DECEMBER, 1907.