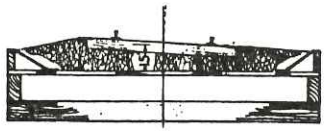
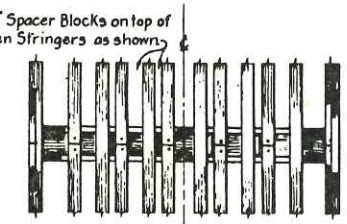
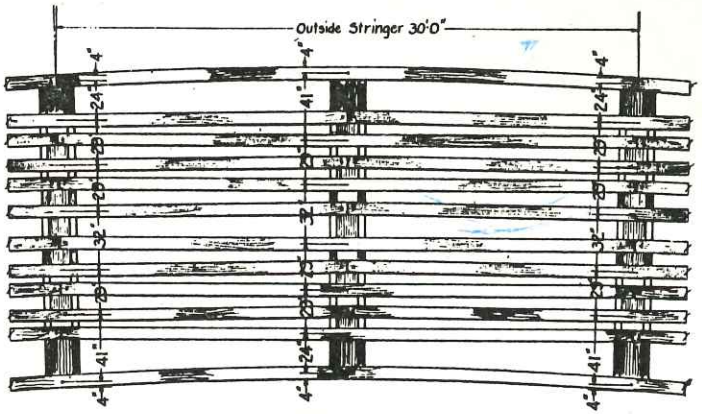
C.S. 39



TRESTLE ON CURVE

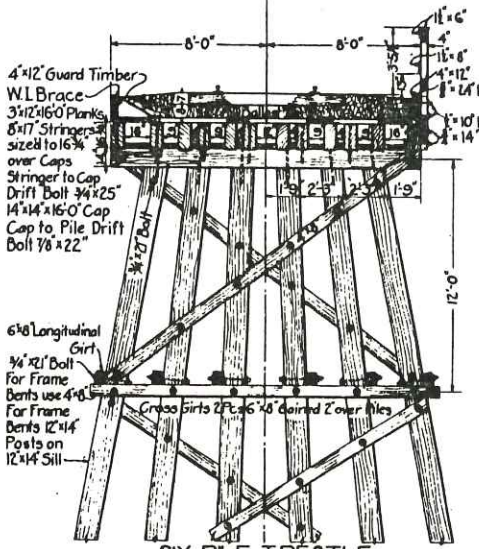
Stringers spaced as per plan of arrangement for curved track.





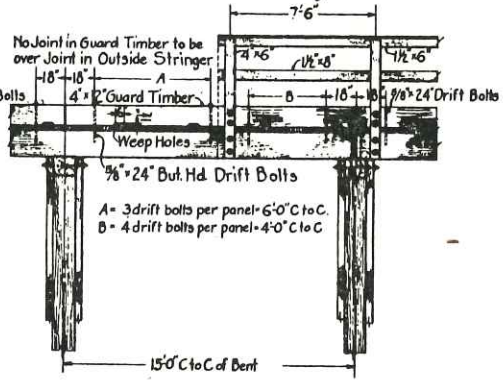
ARRANGEMENT OF STRINGERS FOR CURVED TRACK

Note: Fit Spacer Blocks between Stringers similarly as for Straight Track.

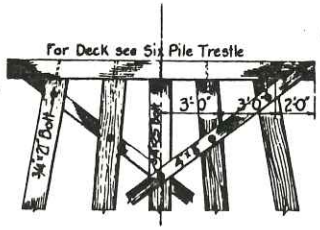


SIX PILE TRESTLE

ORDINARY TRESTLE | TRESTLE WITH SIDEWALK



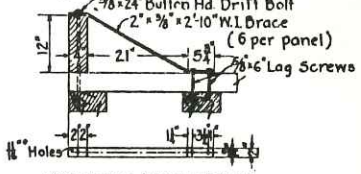
ORDINARY TRESTLE TRESTLE WITH SIDEWALK



FIVE PILE TRESTLE

GENERAL NOTES

1. For longitudinal bracing see drawing C.S 322.
2. No longitudinal bracing to be used for heights less than 16 ft. from ground surface to top of cap.
3. Sway bracing to be omitted for heights less than 7 ft. from ground surface to top of cap.
4. Coarse ballast (no dimension less than 1 inch) to be used next to guard timbers.
5. Floor planking to be spiked with 6 inch spikes, two at each end and one at each intermediate stringer.
6. Bents to be spaced radially on curves and spaced so that outside stringer will be 30 ft long.
7. Superelevation to be effected by increasing depth of ballast under outer rail, the depth of ballast under inner rail remaining constant.
8. Outside stringers to be drift bolted to caps at every bent. Inside stringers to be drift bolted to caps at ends only except for trestles two bays long, for which they are to be drift bolted to caps at all bents.
9. Creosoted timber to be used for piles, caps, stringers, guard timbers and deck planking; also for sway bracing when authorized by General Manager. Untreated timber to be used for hand railing and spacer blocks; also for sway bracing when creosoted bracing not specially authorized.
10. The center line of piles prolonged should meet at a common point about 26 ft. above base of rail.
11. The six pile ballasted deck trestle is to be used on all main and branch lines where power heavier than Cooper's E 50 is operated or is expected to be operated within the life of the trestle.
12. The five pile ballasted deck trestle is to be used where no power heavier than Cooper's E 50 is or will be operated.
13. Dressed floor planks may be used if variation in thickness makes application of guard timbers difficult.



WROUGHT IRON BRACE

SOUTHERN PACIFIC LINES
COMMON STANDARD
SINGLE TRACK
BALLASTED DECK TRESTLE

NO SCALE

ADOPTED MAY 1905
REVISED JAN. 1928