should have a bevelled edge, the angle of bevel being equal to
the slope of the batter brace, so that the iron-work will not rest
on a sharp edge of wood. If the lattice bars interfere with the
bearing, as they are liable to do, rough notches can be cut in a
minute on the bevelled face so as to bring the bearing upon the
channels.

Meanwhile the end lower lateral strut, the portal strut, and
the portal and end lower lateral rods, having been run out, the
three struts are to be put into place; the upper ones being re-
tained there by their connecting bolts, and the lower one by the
end piece, which should also pass through the chord bars, fillers,
and end lateral rods.

Such small portions of the structure as pins, fillers, and beam
hangers, should not be brought out upon the falsework until
required for use, for fear of their being lost overboard. Nothing
more will be said about running out these and other small por-
tions, but it will be assumed that they will be at hand when
wanted. It should be an understood thing between the fore-
man and the men, that any one who drops any portion of the
bridge into the water forfeits a certain amount of his wages.
Such an arrangement will make green hands a little more care-
ful than they are apt to be generally.

As the portal rods are adjusted by turn buckles with single
tap ends, they may be omitted until after the portal struts are
riveted to the batter-braces, because the riveters can then work
to better advantage. They can be left upon the abutment until
required.

Next run out, and hoist upon the falsework, by means of
pulleys attached thereto and timbers used as levers, the end
sections of the top chords, working them into place by the
levers, and attaching them temporarily at the hips by bolts,
putting in at the same time the end diagonals, but omitting the
hip verticals and fillers, so that room may be left for the hold-
ing-on bars. The other ends of the chord sections rest on the
camber blocks.

Next run out, and hoist into place, the first vertical posts,
letting the upper ends lie in the open ends of the chord sec-
tions.