Now start the rivet gang at work on the portal, and let them follow up the work as it progresses, not leaving the portal until they have made the hip attachment, connected the portal struts, and put the brackets and ornamental work in place.

Next bring out the second sections of the top chords and the second set of diagonals. Raise the chord sections into place, as before, with pulleys and beam levers, holding them there until temporary bolts are put into a few holes through the connecting-plates, filling-plates, and channel webs, and until the pins are run through the posts, diagonals, and fillers. The latter, in this case, will not interfere with the riveting.

Next run out and put into place, as before, the second pair of posts; then bring on the third sections of the chords, the third set of main diagonals, and the first set of counters, putting all three into place as before, and so on until the end of the bridge is reached. Meanwhile the wooden lower lateral struts should have been framed, and the jaws attached to their ends.

Just before the riveters complete the riveting of the portal, the first upper lateral and intermediate struts should be run out, and bolted into place; but the upper lateral and vibration rods should be omitted, as they would be in the way of the riveters, and can be readily inserted afterwards.

About the time that one-half the span is erected, commence running out the lower lateral struts and rods, putting them into place, inserting the hip verticals and fillers, and coupling the lower chords into their final position, leaving the beam hangers lying horizontally, so that, when the longitudinal supporting-timbers are removed, they will drop into their proper places.

A little before the riveters reach the end of the span, the upper lateral and vibration rods should be put into place, and screwed up about the right amount.

When the end of the bridge is reached by the riveters, and as soon as they have riveted the hip connection, and attached the main diagonals and hip verticals, the last couplings of the bottom chords can be made at the pedestals.

The shoes rest upon the rollers, which should have been put in exactly transverse to the direction of the bridge, and blocked so that they cannot move.