The last connection for each truss can easily be made by raising the hip either with levers or by jack-screws, and either pressing against the shoe with jack-screws abutting against blocks chained to the roller plate, or by attaching a pair of blocks to the pedestal and first panel-point lower chord pin.

After the final coupling has been made, and the riveting is finished, knock out the upper chord camber blocks, so as to bring all the weight of the upper part of the bridge upon the posts; then take down the upper falsework.

Next knock out the camber blocks of the lower chords, lowering them together gradually so as to bring no shock upon the bridge.

Next run out the first floor beam to the end of the bridge, and remove the runway of the second panel, in order that the beam may be dropped between the lateral struts and lateral rods, and swung into place, lowering it beneath the ends of the hangers, then raising it up, inserting the filling-plates, putting on the hanger plates, and screwing up the nuts. In this way attach all the floor beams, seeing that the hanger nuts are screwed up firmly, but not to such an extent as to endanger stripping the threads. Then bolt all the wooden lateral struts to the beams through the holes previously bored, which holes should be at least a quarter of an inch greater than the diameter of the bolts.

Next screw up every adjustable rod to the proper tension, which can be ascertained by the sound they make when tapped with a hammer.

Next wash off any mud or other impurity that there may be on the iron-work, and give it two good coats of paint wherever the brush will reach. The best kinds of paint to use are lead paints, when they can be obtained unadulterated; but they are at the same time the most expensive of all the paints used for iron-work. Iron oxide is a good paint, but requires more frequent renewal. The color should be such as to readily show any sign of rust: various shades of gray are efficient in this respect, and are at the same time pleasing to the eye.

There remains nothing now to be done except to put on the joists, floor, hand railing, and felly plank, a matter so simple