Further Remarks & Suggestions

In relation to

Iron Truss-Bridges.

It is believed that preceding pages of this work, sufficiently illustrate the subject of the general arrangement and proportions of parts in bridge trusses, as well as the principles involved, to enable the Engineer and Builder to act understandingly in selecting general plans to suit the various cases they may have to deal with.

It is hoped, moreover, that the Details adopted by the author, for the construction of Iron Truss-bridges, have also been made intelligible, with a reasonable amount of study and attention.

It is not, however, claimed, that these details are, in all cases, positively the best that could be, or even have been, devised and put in practice, for accomplishing like objects and purposes.

The forming of Lower Chord with Links & Connecting-blocks or pins, was adopted as a convenient means of making the whole section of the chord available, and not subject to weakening in forming connections; as by rivet or bolt holes, &c. Moreover; the links are of manageable length & weight, convenient to manufacture and put together.

The practical objections to the Link chord, arise mainly from the difficulty of effecting a perfect fit upon the pin, or connecting-block; and the liability