THE CAP PLATES

(Plates 1 and 2) are the cap-plates for the top of each rib, composed of sundry pieces of timber spliced and tabled together, and are of such magnitude as the extent of the Bridge may require.

THE HORIZONTAL LEVERS

(Plates 1 and 2, fig. 1, and 7,) are the horizontal levers, which are also termed longitudinal needles, as they pass in the interior of each pair of angular levers, and are of such number and magnitude in each rib, as the extent of the Bridge may require.

THE ARCHIVOLT RAILS

(Plate 1, fig 1 and 2,) are the archivolt (or soffit) rails, which are placed at the bottom edge of each rib, spliced and tabled like the cap-plates at D, and are of such magnitude as the extent of each Bridge may require.

THE ANGULAR LEVERS

Plates 1, and 5, fig. 1. G and R,) are the angular Levers or Voussoirs. These perpendicular logs are to be framed in bents or pairs, as they support and enclose the longitudinal levers by resting in each other on their end-grain tusks, cut out of the solid timber.