of these already built on account of the sagging of the suspension pieces which was so great that it was deemed unsafe.

The three original piers and buttresses were built of slate stone, but were found to have decomposed from the action of the atmosphere and water. These were rebuilt when the other were put in and all of cut limestone. The mortar of which were brought a distance of fourteen miles.

For the foundations of the piers large cubs of round timber pointed at the ends were built and sunk the upper edge coming just to low water; piles were driven around them to hold them in place; they were then filled with stone of any kind found near. On these the piers were carried up. They were bound together by webs with S shaped runs at the ends. On the down-stream side of the 2nd, 4th and 6th piers there is quite a bight with an offset near low water where in which there are two struts to brace the top of the bridge against high west winds and also to help strengthen it in case of very high