OF BRIDGES.

With respect to the advantages in point of economy resulting from the adoption of M. Wiebekein's plan, it has been estimated that a stone Bridge of similar dimensions to a wooden one of a given size would cost two millions of florins, whereas the latter would cost only fifty thousand florins; and on the supposition that a wooden Bridge will only last one hundred years, it follows that, taking the interest on the principle sum into the computation, there will result a saving of eleven millions six hundred and eighty thousand florins.

CHAIN BRIDGE.

The chain Bridge lately thrown over the Merrimack, three miles above Newburyport, in the state of Massachusetts, is now in constant use. This Bridge consists of a single arc, two hundred and forty-four feet span. The abutments are of stone, forty-seven feet long, and thirty-seven high; the uprights, or framed work, which stand on the abutments, are thirty-five feet high, over which are suspended ten distinct chains, the ends of which on both sides of the river are buried in deep pits and secured by large stones: each chain is five hundred