OF BRIDGES.

offset, and spring from this angle. The height of the piers next the shores, from the foot of the arcs to ordinary low water mark, is twenty-seven feet five inches, and of those in the middle twenty-eight feet seven inches each. The distance between the abutments is one thousand and eight feet, and the whole length of the Bridge, including the wing walls, will be one quarter of a mile.

The whole of the stone work done consists of one hundred and sixty-nine thousand, two hundred and twenty-three feet of cut stone, contained in sixteen thousand six hundred and fifty perches of masonry.

On the execution of this branch of the work committed to their care, the board of managers rely with the fullest confidence, and do not hesitate to pronounce it as solid and complete a piece of masonry as is any where to be found in the United States.

The superstructure consists of five arcs, or five sets or series of arcs, each composed of five sections or ribs, as they are usually called, and rising from the chord line, in the proportion of thirteen feet in one hundred. These sections or ribs are formed of white pine plank, of from thirty-five to fifty feet in length.