in length from the front of the abutment, extend about eighteen feet in the bank, and spread or splay sixty-six feet; being the width of the street leading to the Bridge.

In laying the exterior courses of the foundations of the piers, great care was taken to select flat and long stones, running many feet into the piers. On these, and throughout the whole interior, are laid large rough stone of vast weight, and the whole closely filled in with building stone. The depth of these foundations vary several feet in different parts of the piers, owing to the irregular surface of the rock (in some places forming a pretty regular basin), and this is an additional security against their being removed by ice, rafts, or other floating substances coming against them.

An offset of six inches is made on these foundations, when the cut stone commences; the pier here receiving its proper shape and dimensions, which, in this place, is sixty-eight feet in length, and twenty-two in breadth, with the end up stream, of a semicircular form. The levelling up of the foundation, and all the cut stone, are laid in terras mortar. On the pier next to the Pennsylvania shore,