the purpose of admitting freely under it, whatever ins-
cumbrances the floods might bring down. The span
or chord of this arc was one hundred and forty feet,
its altitude thirty-five feet, by a segment of a circle
whose diameter was one hundred and seventy feet.
The arc was finished, but the parapets not yet ere-
ted, when such was the pressure of the unavoidable
ponderous work over the haunches, that it sprung
in the middle, and the keystones were forced out.
This was a severe blow to a man who had hitherto
met with nothing but misfortune in an enterprize
which was to establish or ruin him in his profession.
William Edwards, however, possessed a cour-
age which did not easily forsake him; he engaged
in it a third time, and by means of cylindrical holes
through the haunches, so reduced their weight, that
there was no longer any danger from it. The se-
cond Bridge fell in one thousand seven hundred
and fifty-one; the third, which has stood ever since,
was completed in one thousand seven hundred and
fifty-five.” (Mr. Malkin’s tour in South Wales).
The present arc is one hundred and forty feet in
span, and thirty-five feet high, being a segment of
a circle of one hundred and seventy-five feet diame-