Estimate for rock foundation .................. $727,204 32
Estimate for pile foundation .................. 399,087 00

Difference ........................................... $328,217 32

Not enough was known at that time about the character of the New York side to determine whether to go to rock or not. Subsequent borings proved the necessity thereof. In the estimate, however, the cheaper pile foundation was put in. We must, therefore, add to the estimate this excess,

(c) $328,217.32 x 8 per cent ....................... $354,469 90

Fourthly.—There are a number of items in the bridge expenditures, outside of ordinary construction contingencies, which could not be anticipated nor provided for in the estimate of Mr. John A. Roebling, but amount to a considerable aggregate. These are:

A Consulting Engineer for 2½ years ............... $21,000 00
Board of Consulting Engineers .................. 7,000 00
A General Superintendent ....................... 125,000 00
Certain contingent expenses, such as funeral, traveling expenses, legal expenses, donations, doctors, collations, etc. .................. 8,000 00
Also taxes and interest ............................ 5,771 65

(d) Total ............................................. $165,771 65

Fifthly.—An allowance of only $3,570.96 was made for the extensive pile dock, extending from the New York tower back to the bulkhead line, having a length of 450 feet and width of 150 feet.

Total cost of pile dock ......................... $39,000 00
Deduct allowance above ......................... 3,570 96

(e) Balance ......................................... $35,429 04

Sixthly.—In regard to masonry, there has been no increase in cost, but an actual reduction. In the esti-