

the map, simply by way of comparison, another line or third route, terminating at the intersection of the Bowery and Canal Street. These three lines will be designated the Park line, the Chatham Square line and the Bowery Canal line. The large map, which accompanies this Report, has been compiled by Mr. Rosa, City Surveyor, from the maps of the Harbor Commissioners, and may, therefore, be presumed to be correct. But in order to test its accuracy, I also have had a careful triangulation made by the same gentleman across the river, with a base line of 1,102 feet, measured along South Street, and this survey verifies the map exactly. The City plots on both sides of the river have been laid down from the best and latest City surveys; I have, therefore, no reason to doubt the general accuracy of the maps on which the various Bridge lines have been laid down. Each of the three Bridge routes is marked by a strong red line. The following table will exhibit at a glance a comparison of the three routes:

	ROUTES.		
	PARK LINE.	CHATHAM SQUARE.	BOWERY AND CANAL.
	Feet.	Feet.	Feet.
Distance across river from pier line to pier line	1,512	1,392	1,345
River Span from centre to centre of towers....	1,600	1,430	1,433
Length of New York approach from the terminus to centre of tower.....	2,381	1,916	2,771
Length of approach on Brooklyn side.....	1,881	1,804	1,780
Total length.....	5,862	5,200	5,934
Elevation of New York terminus above high tide	36	32	49
Elevation of Brooklyn terminus above high tide	68	68	68

This table shows that the Chatham Square line is the shortest; it measures 662 feet less than the