# Table of Dimensions and Quantities

Construction commenced Jan. 3, 1870.
Size of New York Caisson, 172x102 feet.
Size of Brooklyn Caisson, 168x102 feet.
Timber and Iron in Caisson, 5,253 cubic yards.
Concrete in well-holes, chambers, etc., 5,669 cubic feet.
Weight of New York Caisson, about 7,000 tons.
Weight of concrete filling, 8,000 tons.
New York Tower contains 46,945 cubic yards masonry.
Brooklyn Tower contains 38,214 cubic yards masonry.
Length of River Span, 1,595 feet 6 inches.
Length of each Land Span, 930 feet, 1,860 feet.
Length of Brooklyn Approach, 971 feet.
Length of New York Approach, 1,562 feet 6 in.
Total length of Bridge, 5,989 feet.
Width of Bridge, 85 feet.
Number of Cables, 4.
Diameter of each Cable, 15\(\frac{3}{4}\) inches.
First wire was run out May 29, 1877.
Cable making really commenced, June 11, 1877.
Length of each single wire in Cables, 3,579 feet.
Length of wire in 4 Cables, exclusive of wrapping wire, 14,361 miles.

Weight of 4 Cables, inclusive of wrapping wire, 3,588\(\frac{1}{2}\) tons.
Ultimate strength of each Cable, 12,200 tons.
Weight of wire [nearly], 11 feet per lb.
Each Cable contains 5,296 parallel [not twisted] galvanized steel, oil-coated wires, closely wrapped to a solid cylinder, 15\(\frac{3}{4}\) inches in diameter.
Depth of Tower foundation below high water, Brooklyn, 45 feet.
Depth of Tower foundation below high water, New York, 78 feet.
Size of Towers at high water line, 140x59 feet.
Size of Towers at roof course, 136x53 feet.
Total height of Towers above high water, 278 feet.
Clear height of Bridge in center of river span above high water, at 90 degs. F., 135 feet.
Height of floor at Towers above high water, 119 feet 3 inches.
Grade of Roadway, 3\(\frac{3}{4}\) feet in 100 feet.
Height of Towers above Roadway, 159 feet.
Size of Anchorages at base, 129x119 feet.
Size of Anchorages at top, 117x104 feet.
Height of Anchorages 89 feet front, 85 feet rear.
Weight of each Anchor Plate, 23 tons.