

Pier No. 1,	First stone set	October 16, 1867.	Pier completed	November 30, 1867.
" 2,	"	February 20, 1869.	"	April 21, 1869.
" 3,	"	May 28, 1868.	"	September 14, 1868.
" 4,	"	April 2, 1869.	"	May 5, 1869.
" 5,	"	January 14, 1869.	"	March 9, 1869.
" 6,	"	January 3, 1868.	"	February 14, 1868.
" 7,	"	October 1, 1867.	"	November 15, 1867.

This does not include the masonry laid in Pier No. 4 during the sinking of the foundation.

The masonry of Piers 1, 2, and 3 was laid entirely with floating derricks, which were also used to some extent at Pier No. 4.* These tools were found among the most serviceable parts of the bridge outfit, and admirably adapted for use on the Missouri river; by chaining them to the sides of the caissons, or lashing to them spars which rested on the bed of the river, all difficulty from lurching under heavy loads was obviated. The three northern piers, as well as the south abutment and pillars, were built with land derricks of the ordinary pattern.

The amount of masonry and beton in the several piers is given below. These quantities are the actual amounts returned in the contractor's final estimates, but include only what forms a part of the permanent work, taking no account of the rubble masonry used in weighting the caissons for Piers 2, 3, and 5, nor of the beton placed in the draw rests:

South Abutment,.....	197 cubic yards	Masonry.		
Pillars,.....	90	"	"	
Pier No. 1,.....	1,234	"	"	
" 2,.....	1,199	"	"	767 cubic yards Beton.
" 3,.....	873	"	"	833 " "
" 4,.....	1,109	"	"	1,169 " "
" 5,.....	820	"	"	333 " "
" 6,.....	656	"	"	
" 7,.....	434	"	"	

* Plate VIII.