

Wooden bridges well housed in, have been known to last sixty and even a hundred years, and it is hoped that the wooden parts of this may endure, with occasional repairs, even twenty or thirty years. This point, however, must be decided by the sole test of experience.

The following is a synopsis of the materials in the superstructure :

Timber in floor of iron span.....	71 feet.....	7,684	F. B. M.
“ “ truss, etc. ....	133 “ .....	35,739	“
“ “ pivot span.....	360 “ .....	26,025	“
“ “ truss, etc. ....	250 “ .....	101,688	“
“ “ “ “ 2 spans .....	200 “ .....	156,430	“
“ “ “ “ .....	177 “ .....	57,854	“
“ “ roofing and flooring.....		210,876	“
“ “ vertical bracing.....		8,202	“

Total timber..... 604,498 “

Wrought iron in iron span .....	71 feet.....	32,165	lbs.
“ “ “ truss.....	133 “ .....	44,053	“
“ “ pivot span.....	360 “ .....	495,575	“
“ “ truss .....	250 “ .....	147,432	“
“ “ “ 2 spans.....	200 “ .....	178,898	“
“ “ “ .....	177 “ .....	72,969	“
“ “ anchor rods, pins, etc. ....		7,200	“

Total wrought iron..... 978,292

Castings in iron span.....	71 feet.....	4,328	lbs.
“ “ truss .....	133 “ .....	27,138	“
“ “ pivot span.....	360 “ .....	122,041	“
“ “ truss .....	250 “ .....	70,646	“
“ “ “ 2 spans .....	200 “ .....	108,238	“
“ “ “ .....	177 “ .....	49,491	“
“ “ anchors, braces, etc.....		1,700	“

Total cast-iron..... 383,582

The position of Kansas City, being as it were on the frontier, made skilled labor both expensive and difficult to obtain during the first year. After this time, the increasing population of the town, and the attention attracted by these works, furnished all that was required.

The following were the average wages paid :