IRON BRIDGE OVER RACOON CREEK.  251

Amount brought up 1,314 pounds.
Total length of the 53 inch rods, 483 feet, 1,280 "
weight 705 "
4 lower chords 48 feet long, 1 ¼ inches diam-
ter, 141 "
100 nuts for inch bolts 1 × 2 ½ × 2 ½ 141 "

Total weight of malleable iron, exclusive of arch plates 3,440 "

TIMBER.

2 upper caps 12 × 12, 50 ft. long 600 feet B. M.
16 lateral-braces 4 × 5, 8 ½ " 126 " "

726 " "

Estimate.

8,219 pounds castings at 2 cents $164 38
11,559 " arch plates at $57 per ton gross 294 11
3,440 " bolt and plate iron at 3½ cents 120 50
726 feet B. M. timber at $12 per M. 8 71

Total cost of materials $587 70

Workmanship.

60 days’ work making plates and fitting pieces $103 50
at $1 50

Files 3 50
Making 53 inch bolts at 53 cents 13 25
“ 192 ¾ inch bolts at 10 cents 19 20
Freight and tolls for delivery of materials 21 00
4 men 6 days raising at $1 25 30 00

Total cost of workmanship 190 45
Cost of materials per foot of span 12 50
“ work 6 05

Total cost per foot $18 55