



Over Assiniboine River, three spans 96 feet centres	288
Four reinforced concrete arches, 40 ft. centres	161
North earth approach	230
	1,024
Assiniboine Avenue approach 141, with earth embankment 250	391
Total length	1,415

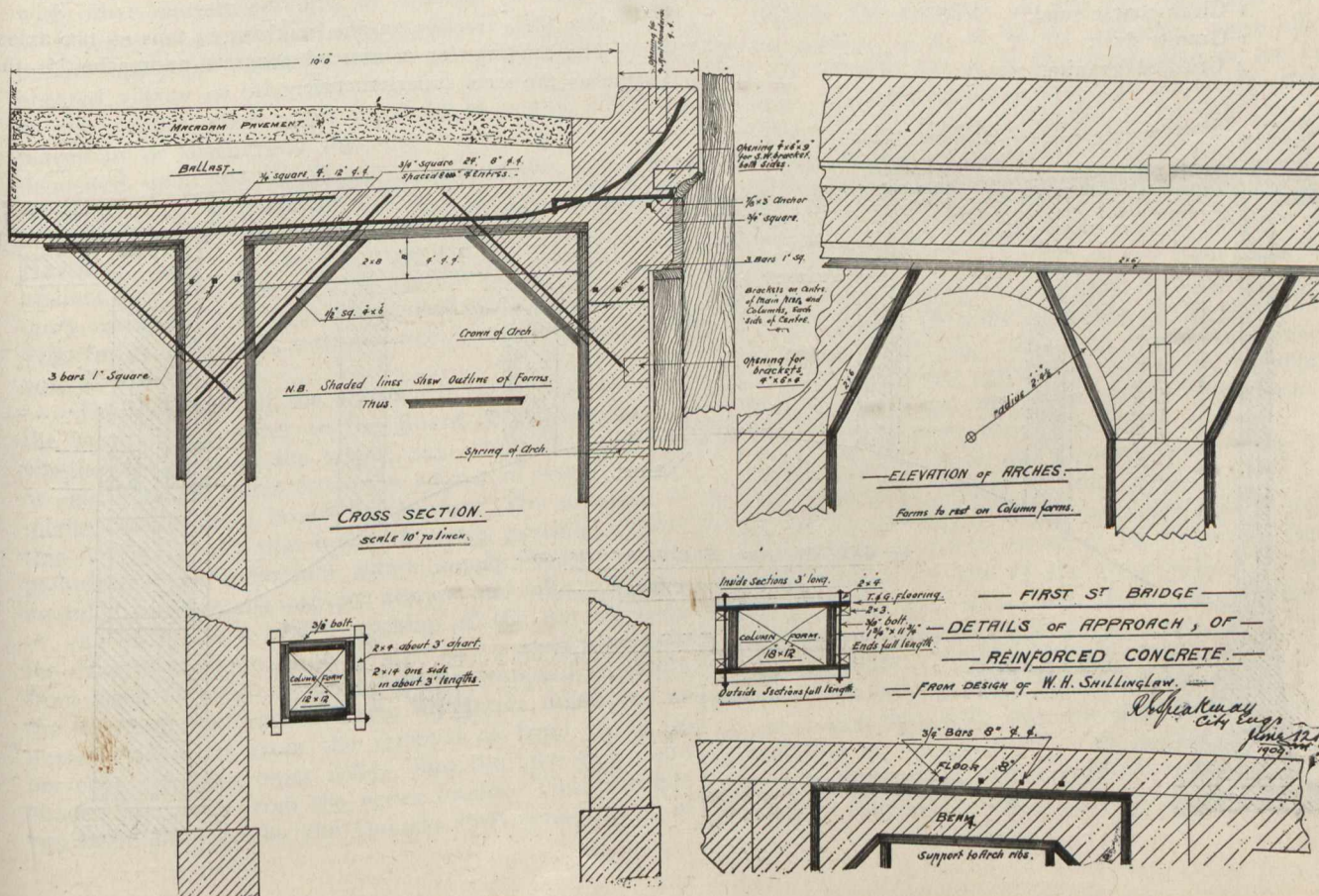
labor. During the year 1908, the piling was driven as follows:—

Pier A	40 Piles
“ B	40 “
“ C	40 “
“ D	58 “
“ E	24 “
“ F	24 “
“ G	24 “
“ H	41 “

Total 291 piles driven to solid bearing, the average depth being from 15 to 22 feet. Test piles driven into this soil showed the following results with a 2,000 lb. drop hammer.

Details of Concrete Arch Construction.

The detail plans herewith enclosed will explain the construction of the work, which was done by the city by day



W. H. Shillinglaw
 City Eng.
 1908