

Q. Who does it profess to be made by?—A. There is no sign to it at all. It is made by some draughtsman, I suppose.

Q. However, that is the only plan the commission had before them?—A. Yes.

Q. Does that plan enable you, as an engineer, to understand the quantities in the construction of the work?—A. One conversant in the work can compute the quantities from this plan.

Q. Does it show you the size of the canal and the length and depth of the proposed bridge, and everything of that kind?—A. It does.

Q. So that all quantities arising out of the bridge, and all the information which an engineer desired to have with respect to the cost of its construction might be ascertained from that?—A. Detailed plans should have accompanied this, but with the information we had we checked the government quantities, and I may say right here that the quantities were correct.

(Blue tracing put in, exhibit 1.)

Q. Well, I am only asking if it was sufficiently correct for the purpose you had in view?—A. It served our purpose to check the quantities.

Q. Did you make a copy of that plan?—A. Yes.

Q. This is the plan you gave me? Is that an exact copy of the blue plan?—A. Yes, leaving out the two iron bridges so as not to confuse the work. This is an exact copy, a tracing, in fact, tinting the different colours so as to show the work.

(Put in as exhibit 2.)

Q. Will you, Mr. Casgrain, kindly point out on that plan the canal and the bridges, and what their different structures on the plan represent? Does that plan purport to show the present condition of the canal and the present bridge, or what? A. First, the blue tint shows the water when the canal is full.

Q. Will you describe the structure in language that the reporter can take down. I want you to describe the plan before you and we will get to the different details afterwards. There you see, on the plan the canal is marked in clear and distinct lines. What are the centre structures?—A. The centre structure was the main pier in the middle of which were the pivot piers.

Q. Of the old bridge?—A. Of the old bridge. The old pivot pier of the G.T.R. bridge is marked on the plan, and also that of the old Wellington street bridge.

Q. Some of these works are coloured pink and yellow on the plan. What do you understand by those different colours?—A. That coloured pink on the plan, shows the new work.

Q. And the yellow represents the old work?—A. Not exactly. The cribwork is tinted yellow, and is marked on this plan, "cribwork removed," showing that it was removed. On the other side of the canal, there are the words, "cribwork removed," showing that that has been removed also. The rest of the cribwork is tinted yellow, but has not been removed.

Q. The yellow represents the old work?—A. No.

*By Mr. Gibson:*

Q. Does not the portion tinted yellow represent the pier work?—A. It does.

Q. And the pink the stone work?—A. Yes.

Q. And the other colour the old stone work?—A. That is it exactly.

*By Mr. Davies:*

Q. The centre work there represents the centre pivot pier of the old bridge?—A. Yes.

Q. And the two side pieces that are called "cribwork removed," represent what?—A. They represent the two pieces of cribwork which have been removed.

Q. On which the old bridge rested?—A. On which the ends of the old bridge rested.

Q. Between that cribwork and the sides of the canal, there was what?—A. There were small bridges. This portion is now spanned by the one swing bridge.

Q. The original bridges swung in the centre?—A. Yes.

Q. And from the cribwork to the side walls of the canal there were permanent bridges?—A. Yes.