

"STOCKERS" CREEK BRIDGE.

Earth excavation. Cub. yds.	259.2	\$0.31	\$ 80 35
Loose rock do " "	31.4	0.90	28 26
Earth and loose rock excavation under water. C. yds.	37.3	2.00	74 60
1st class masonry. " "	939.77	15.00	14,096 55
Concrete " "	4.70	15.00	70 50
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			\$14,350 26
<i>Sundry Extras.</i> —Cutting checks for bed-plates, handling timber, etc.			
			361 39
<i>Iron and Steel in Superstructure.</i> —			
	216,956 lbs. @	0.04 ¹⁰	9,003 67
<i>Timber in Floor, etc.</i> —			
	31,526 ft. B. M. @	per M. 15 ⁰⁰	472 89
	hauling timber		34 19
			<hr/>
			507 08
Total cost of "Stockers" Creek Bridge...			<hr/>
			\$24,222 40

VAUDREUIL BRIDGE.

Earth excavation. Cub. yds.	388.1	\$0.31	\$120 31
Loose rock do " "	5.5	0.90	4 95
Earth and loose rock excavation under water. C. yds.	1,566.1	2.00	3,132 20
Solid rock excavation under water. Cub. yds.	71.6	3.00	214 80
1st class masonry. " "	3,385.68	15.00	50,785 20
Concrete " "	978.12	15.00	14,671 80
Rough rip-rap " "	4,728.	1.50	7,092 00
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			\$76,021 26
<i>Sundry Extras.</i> —Handling timber, cutting checks for bed-plates, etc.....			
			870 69
<i>Iron and Steel in Superstructure.</i> —			
	867,824 lbs. @	\$0.04 ¹⁵	36,014 70
	560,264 " @	0.03 ⁷	21,121 95
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			57,136 65
<i>Timber in Floors.</i> —			
	213,422 ft. B. M. @	per M. 15 ⁰⁰	3,201 33
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Total cost of Vaudreuil Bridge.			<hr/>
			\$137,229 93

SUMMARY.

St. Anne's Bridge.....	\$185,206 58
"Stockers" Creek Bridge.....	24,222 40
Vaudreuil Bridge.....	137,229 93
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Total cost of three bridges.....	<hr/>
	\$346,658 91

During the progress of this work there occurred two fatal accidents. On Friday, Jan. 21st, 1887, Mr. Harold Waldruff Keefer, M. C. Soc. C. E., Assistant Engineer, while in the discharge of his duties, fell from the top of the girders of Vaudreuil Bridge, a height of about twenty-one feet. He struck on his head and shoulders, the blow causing concussion of the brain, from which he died at half past six the following morning. Mr. Keefer was 29 years of age, a son of Mr. T. C. Keefer, C.M.G., Past-President C. Soc. C. E., and an engineer of marked abilities and great promise. The author is glad of this opportunity of recording the highest appreciation of his excellent qualities. As an engineer he was well up in his work, active, energetic and thoroughly devoted to duty. Of sterling worth as a man, he, in every respect and with all who knew him, commanded the highest regard and esteem. Generous, open-hearted and the soul of honour, he was, in a word, his father's son.

On the 30th April, during the erection of the false work for the long span at St. Anne's, a scow with five men on it, while being towed up stream by a tug, capsized in the channel just above the bridge line. Four of the men were rescued by boats from the shore, but the fifth, a young man by the name of Rodgers, from Glasgow, an employee of the Union Bridge Co., sank before help reached him. His body was recovered about a week later.