

Dominion Public Works.

CANALS.

ST. LAWRENCE AND WESTERN LAKES.

This route of navigation extends from Straits of Belle Isle, Newfoundland, to Duluth at the head of Lake Superior, 2,334 miles. There are 7 Dominion Canals on the route; and one United States, the St. Mary's, between Lakes Huron and Superior, 117-100 miles long. The total length of the Dominion Canals on the route is 7083-100 miles. Lockage 536½ feet; No. of Locks 54.

The Lachine Canal from Montreal to Lachine is 988 miles from the Straits of Belle Isle, and is being extensively enlarged. The locks for the new works will be 270 feet long by 45 wide, and the canal itself deepened to 14 feet.

The Beauharnois Canal 13½ miles from Lachine, connecting Lakes St. Louis and St. Francis, with 9 locks and 9 feet of water on the sills, was thoroughly repaired in 1875. Traffic was only suspended once during the season and then only for 42 hours.

The Cornwall Canal, around the Long Sault Rapids, is 32½ miles from the Beauharnois, and is of the same depth as that canal. Navigation on it was uninterrupted.

The Withamsburg Canals enabling vessels to ascend several short rapids are in all 12½ miles long, all 9 feet deep, and in none was the navigation interrupted.

The Welland Canal, between Lakes Erie and Ontario, is 27 miles and 1,029 feet long with a depth of 10½ feet. This canal is also in course of enlargement to the same size as the Lachine; meanwhile the present works are kept in good order, and navigation was only suspended once for 48 hours between 3rd May and 10th Dec.

There is also a short canal of half a mile cut through the sand bar separating Burlington Bay from Lake Ontario, and giving access to the Port of Hamilton for vessels drawing 10 feet of water.

There was expended on these canals during the fiscal year ending June 30th, 1875, for construction, repairs and maintenance, as follows:—

Canals.	Construct- ions.	Repairs.	Staff and Main- tenance.
Lachine.....	\$ 107,420	\$ 80,057	\$ 29,592
Beauharnois.....	36	12,233	11,310
Cornwall.....	1,780	7,087	13,382
Withamsburg.....	4,110	6,751
St. Lawrence.....	22,811
Welland.....	1,046,715	87,080	54,131
Burlington Bay.....	369
	1,208,363	140,968	117,216

There was also for Tug service to the close of the Year 1874, (after which it was discontinued), an item of \$12,047—making the total expenditure for the St. Lawrence Navigation \$1,538,780.

THE MONTREAL, OTTAWA & KINGSTON

Navigation passes from Montreal through the Lachine Canal, Ottawa River and Canals and the Rideau Canal to Kingston on Lake Ontario, a distance of 246½ miles, of which 134½ miles is by canal; 131½ by the Rideau Canal and river between Ottawa and Kingston, and 8½ miles canal navigation around obstructions in the Ottawa River between Lachine and Ottawa. On the Ottawa Canals extensive repairs and alterations are being vigorously prosecuted. In the Ottawa Canals at present, the largest vessel that can pass is of 100 tons, 85 feet long, 31½ feet broad, drawing 5 feet of water. These are to be increased to a depth of 10 feet. The expenditure on this navigation during the fiscal year was:—