

ST. ANNE'S LOCK.

Length of canal.....	$\frac{1}{2}$ mile.
Number of locks.....	1
Dimensions of lock.....	190 feet by 45 feet.
Total rise of lockage.....	3 feet.
Depth of water on sills.....	{ 6 feet at low water.
	{ 7 feet at ordinary high water.

This work, with guide piers above and below, enables vessels to surmount the St. Anne's Rapids, between Ile Perrot and the head of the Island of Montreal, at the outlet of that portion of the River Ottawa which forms the Lake of Two Mountains, $23\frac{1}{2}$ miles from Montreal Harbor.

This lock closed the 26th November 1874 and opened the 3rd May, 1875.

The traffic was uninterrupted.

The upper gates have been repaired and mounted with new suspension gear.

The pier has been repaired. (Appendix 3, page 15.)

NEW WORK.

A new channel is being excavated 1200 feet in length, 120 feet wide, from deep water at the foot of the lock across the shoal to deep water at Ile Perrot. Its sides to be protected by crib work.

The work has been carried on vigorously and satisfactorily. (Appendix 3, pages 15, 33, 34.)

THE CARILLON CANAL.

Length of canal.....	$2\frac{1}{8}$ miles.
Number of locks.....	3 (two rising—one falling.)
Dimensions of locks:—Lift Lock, No. 1....	128 feet x $32\frac{1}{2}$ feet.
do. No. 2....	$126\frac{1}{2}$ " x $32\frac{1}{2}$ "
Guard Lock, No. 3.	$126\frac{1}{2}$ " x $32\frac{1}{2}$ "
Total lockage.....	$34\frac{3}{4}$ " { $21\frac{3}{4}$ upwards.
	{ 13 downwards.
Depth of water on sills.....	6 "
Breadth of canal at bottom.....	30 "
Breadth of canal at water surface.....	50 "

This canal enables vessels to avoid the Carillon Rapids.

From St. Anne's Lock to the foot of the Carillon Canal, a navigable interval of twenty-seven miles, through the Lake of Two Mountains and the River Ottawa, occurs.

It was closed from the 15th November, 1874 to the 1st May, 1875.

The chamber walls of lock No. 2 have been taken down and rebuilt.

Gates at locks Nos. 1 and 3 have been repaired and restored.