

was begun in 1826, finished in 1834, at a cost of \$3,911,701, and transferred to Canadian authorities in January, 1857.

983. The Richelieu and Lake Champlain system, or Chambly Canal, extends from the junction of the rivers St. Lawrence and Richelieu, 46 miles below Montreal, into Lake Champlain, a distance of 81 miles. There are 10 locks and a rise of 79 feet. By the Lake Champlain Canal, communication is obtained with the Hudson River, and thence to New York, to which place from the boundary line is a distance of 330 miles.

984. The Burlington Bay Canal, half a mile in length, connects Burlington Bay and Lake Ontario, giving access to the port of Hamilton. There are no locks on this canal.

985. St. Peter's Canal, Cape Breton, Nova Scotia, gives access from the Atlantic to the Bras D'Or Lakes. It is 2,400 feet long, and has one tidal lock. The rise and fall of the tide is 4 feet.

986. The Trent River system, which comprises a series of water stretches extending from Trenton, on the Bay of Quinte, Lake Ontario, to Lake Huron, is only efficient for local use. A scheme for making use of these waters to effect a system of through water communication between Lakes Huron and Ontario was projected many years ago, and construction was commenced in 1837, but afterwards deferred, and up to the present time only certain sections have been made navigable, or fit for the passage of timber. In view, however of the interest taken in the scheme, it was thought advisable that the matter should be again investigated, and accordingly a commission was appointed to examine into the question, and the report was favourable. The total distance between the lakes is 235 miles, and about 155 miles of this are available for light draft vessels.

987. The Murray Canal has been built through the Isthmus of Murray, giving connection westward between the Bay of Quinte and Lake Ontario. It has no locks, is 5 1-6 miles in length, and with improvements at either end in the way of dredging and other work, covers a total distance of 9 1/2 miles. Depth below the lowest known lake level, 11 feet; average depth 12 1/2 feet. It was opened for traffic on 14th April, 1890.