

PART I.—CANALS.

development, 9; Lachine, Beauharnois, Cornwall, and Williamsburg Canals, 10; Burlington Bay Canal, 11, 12; Welland Canal, history of construction, 12, 13; Welland Canal *vs.* railroad transportation, 14, 15; Rideau Canal, 15; Welland Canal, 16; receipts and expenditures of Canadian Canals, 16; Welland Canal, 17, 18; St. Lawrence navigation, 18-20; Welland Canal, 20; Grenville, Chute a Blondeau, Carrillon, and Rideau Canals, 21; river navigation, 22; Ottawa River navigation, 23; Champlain Canal, 23, 24; St. Lawrence Canal, 25; Welland Canal, statistics of, 24, 25; Burlington Bay Canal, Deseronto, and Rapid Flat Canals, 27; union of Upper and Lower Canada, 28; canals, 29; Welland Canal, 30; Beauharnois Canal, 31; Galop's Canal, 32; Williamsburg, Farrand's Canal, 33; Welland Canal, improvement of, 1842-43; management of the Lachine Canal, 34; confederation and expenditures on canals previous to confederation, 35; canal commission, appointment and report of, 36-38; Lachine Canal improvements, 38; Cornwall Canal improvements; condition of Beauharnois and Williamsburg Canals; Galop's Rapids improvements, 39; Murray Bay Canal, 40; Welland Canal improvements, 41; improvements of Burlington Bay, St. Anne's, and Ottawa navigation; Chats and Culbute Canals, 43; resumé of works completed, 44; Ottawa ship-canal, 44; Trent River navigation, 45; Montreal Harbor, and deepening channel of St. Lawrence, 46; wharfage facilities at Montreal, 47; canal system of Canada, review of, 48-51; St. Lawrence navigation, 52; distances and obstructions, 51, 52; Columbia: Geography and geology of, 52; mining and farming; irrigating canals and ditches, 53; Matsqui Land Company, 54-57.

Water ways of, 57, 58.
Guiana: Canals of, 58, 59.
a: Canals of, 59.

West Indies: Guadeloupe—Canal des Retours; La Rivière-Salée, and La Canal, 60, 61.

Yingpo Canals, construction; extent and capacity; traffic, 64; management
light; irrigating canals; Imperial or Grand Canal, history of, 66-69.

th Wales: Canals of, 71-77.