

are in progress to make the harbor of Port Albert, 11 miles N. of Goderich, available for vessels drawing 8 feet of water. The works in the harbour of Kincardine have been completed, and those at Inverhuron are in progress. At Chantry Island, at the mouth of the Saugeen, on the east of Lake Huron, the breakwater has been carried from the N. point of the Island 1,600 feet easterly on a curved line, and a beacon 50 feet across and 40 feet above water line on the point of the shoal running S.W. from the Island. The improvement of the channel at Owen Sound, Georgian Bay, is being carried on, and also at Meaford, 18 miles from that place. A breakwater 700 feet long with a lighthouse at the eastern end, is in course of construction at Collingwood, the terminus of the Northern Railway, on Georgian Bay. Repairs were made at Malbale, Riviere Ouelle, Riviere du Loup (en bas) and Rimouski harbours, in the Province of Quebec. Works were resumed on the harbour of Richibucto, on the Straits of Northumberland, N. B. The breakwater at Stony Creek, on the Petit Codiac, was completed with satisfactory results, and also breakwaters at Herring Cove, Chignecto Bay, Dipper Harbour, 18 miles west of St. John, and Millsboro, on the Petit Codiac.

The breakwater at Brooklyn, on the E. side of Liverpool Bay, N.S., has been completed, and 300 feet additional been contracted for. Works for the protection of the beach at Yarmouth, have been finished, and those at McNair's Cove, St. George's Bay. A breakwater is being constructed and the channel widened and deepened at Ingouish on the Gulf of St. Lawrence. At Big Pond, Bras D'or Lake, Cape Breton, a passage has been opened from the Lake to the Pond. A breakwater has been constructed at Chedabucto Bay, the S.E. extremity of N.S., and that at Cow Bay, Cape Breton repaired. Breakwaters and piers have been repaired at Canada Creek, Bay of Fundy, and Digby, Annapolis Basin. The channel at Gabarons Bay, Cape Breton, has been deepened, and the breakwater at Green Cove repaired.

At Joggins, on the E. side of Chignecto channel, the breakwater has been extended 100 feet; another 170 feet long been constructed, and the basin cleared out. A pier is building at Maitland, and breakwaters repaired at Morden and Oak Point. 2,200 feet of cribwork has been constructed as a protection at Port Greville, Miners' Channel. Piers and breakwaters have been repaired or extended at Port Hood, Cape Breton, Port George, Port Williams S. side of the Bay of Fundy, Plympton, St. Mary's Bay and River Salmon, Bay of Fundy. The harbours of Liverpool and Lockport, on the Atlantic coast were dredged; House harbour, Magdalen Islands, improved. The total expenditure for harbours and piers, do., was,

Construction	\$625,429
Repairs	46,487
Maintenance	4,500

Total \$676,416

SLIDES AND BOOMS.

Government slides have been made on several rivers to pass lumber where there are impediments to navigation, and the booms from bays at the entrance and dis-

charge of the slide, to receive the timber. The works on the River Saguenay cover a distance of about 6 miles. They were all repaired on the St. Maurice and the Vermillion, one of its tributaries, there are 9 stations, including the booms at the mouth of the river. Repairs were made at nearly all of them. The expenditure on the Saguenay for repairs was \$3,455, and on the St. Maurice \$9,032, and \$31,500 were spent in the construction of new works at the mouth of St. Maurice. On the Ottawa and its tributaries there are 73 timber stations, the first 27, and the last 389 miles from the mouth of the Ottawa. The works on the Ottawa River consist: 2,000 feet of canal, 3,835 do. of slides, 29,855 feet of booms, 8,656 feet of dams, 316 bu'heads, 1,981 of bridges, 52 piers, 3 slidekeepers' houses, and 3 store-houses. The works were generally maintained and a new slide completed at the Roche Capitaine Rapids. On the Gatineau there are 3,071 feet of Canal, 4,138 feet of booms, 52 bridges, 10 piers and one slidekeeper's house. The main boom was rebuilt and the low water channel dredged. On the Madawaska river there are 15 stations, with 1,760 feet of slides, 18,178 feet of booms, 4,180 of dams, 182 of bridges, 43 piers, 1 slidekeeper's house, and one work shop. The works were kept in good repair. There are 3 booms and 10 support piers on the River Cooledge, which were kept in good repair. On the Black River there are 1,139 feet of booms, 873 of slides, 316 of glance pier, and 135 of flat dam; all were kept in good repair. On the Petawawa there are 13 stations, with 5,577 feet of slides; 11,140 feet of booms, 3,586 of dams and 30 pier. The works were all kept in serviceable condition, and one new slide constructed. On the River du Moine there are 30 feet of slide, 800 of booms, 1,831 of dams, and 6 piers, all kept in good repair. The total expenditure on the Ottawa in 1873-74 was: for construction, \$53,128, for repairs, \$35,698.

On the River Trent and the lakes connected with it various works have been constructed. There are 14 stations; the last 161 miles from the Bay of Quinte, on the River Seung. The expenditure in this division was, \$4,080 for construction, \$5,568 for repairs.

The total expenditure during the fiscal year, for slides and booms, was,

Construction	\$53,718
Repairs	54,125
Maintenance	40,182

Total \$148,025

The gross revenue from the tolls on the works in the Ottawa district was \$117,389.

ROADS AND BRIDGES.

The Dominion Roads are Métapédic, Temiscouata and Huntingdon. The Métapédic connects St. Marie, on the S. shore of the St. Lawrence, 201 miles below Quebec, with the Quebec and New Brunswick coast roads. The Temiscouata, from Riviere du Loup to the New Brunswick boundary is 67 miles long. The Huntingdon, between Huntingdon and Port Louis, on Lake St. Francis, 8 miles long, is about to be transferred to the main circuitous through which it passes. The expenditure on these roads during the year was \$7,050. On the bridges