

COAST TO COAST.

Chatham, Ont.—It is announced that the Chatham water commission has a surplus of \$5,834 for the past year.

Calgary, Alta.—The gross earnings of the Calgary municipal street car lines were \$60,670, and the expenses about \$1,000 less than this figure.

Vancouver, B.C.—Station work is now proceeding on 28 miles of the 38-mile section of the Hope Mountain railway which is being constructed through the Coquahalla by the Kettle Valley Railway, for the joint use of the V.V. and E. and the K.V.

Winnipeg, Man.—Winnipeg's hydro-electric system continues to show steady progress and the record was obtained during November, when apparent net earnings amounted to \$79,677.35 after making all allowances for discounts, possible bad debts and so on. This is an increase of \$7,645.27 over the preceding month.

Ottawa, Ont.—The latest available information gives the total appropriation for improvements to the harbors of Canada as \$28,214,000. The work, which involves harbor dredging and river work, has occupied the main attention of the public works department during the past season. Of the amount appropriated, \$17,000,000 will represent practically the amount spent by the end of the present fiscal year.

New Westminster, B.C.—The department of public works does not contemplate letting any more contracts during this year. This is because the work provided for in the 1913 estimates is now either completed or under way and any new works will have to come under next year's estimates. Since the federal house does not meet until January it will be at least March or April before the department of public works' estimates have been considered.

Stratford, Ont.—At Stratford the Grand Trunk Railway Company has constructed and officially opened a \$50,000 new station. The new station is said to be one of the finest on the road, and will also house the divisional headquarters. It is built of brick, with Roman stone facings, and has a frontage of over 150 feet. New additions were also made to the yards, and new freight sheds were erected.

Peterborough, Ont.—One hundred arc lamps have recently been installed at Kingston by the Hydro-Electric Commission at a cost of \$120,000. The new light and power system has been switched on, and has so far proven satisfactory. The wires for the street lighting have been placed underground; and in the down town district, the few poles necessary will be placed in the rear of the buildings.

Port Arthur, Ont.—For the year 1913, the electric department in Port Arthur showed a net profit of \$62,000, or a gross profit of \$165,700. At present the city is using 2,100 horsepower from the Hydro-Electric Commission, and 700 horsepower from the Current River station. The present storage capacity of the various dams in the system is 1,843,100,000 cubic feet, and water this fall was running over all which was an unprecedented condition for this time of the year.

Ottawa, Ont.—By the middle of January, the report being made by officials of the Canadian and United States Governments on the serious pollution of international waters extending from the Lake of the Woods to the St. John River, will be before the International Joint Commission. The examination made so far is complete except with regard to the St. John River, where some further work has to be done. The report of the engineers who have been taking the levels of the Lake of the Woods will also come before the commission at the same time.

Fredericton, N.B.—Development in railway facilities in New Brunswick, and particularly in Fredericton and its neighborhood, has been decidedly marked during the past few years. When the several lines of railway now under construction are finished and in operation, and some other lines now in contemplation have also been built and are in operation, no country will possess more or better transportation facilities than New Brunswick. Within a very short time, a railway will be in operation in practically every settled portion of the province; and the days when the farmer is compelled to drive many miles by team in order to reach a market town, will soon be a thing of the past.

Montreal, Que.—According to the statements of J. G. Sullivan, chief engineer of the western lines of the C.P.R., that company has had under construction this year a grand total of 1,700 miles of railway west of Fort William. The amount of work which has been handled by the construction department of the company this year represents more material than was moved during any period in the construction of the Panama Canal and represents no less than 30,000,000 cubic yards. In regard to the grading of new lines this season, the total work accomplished amounts to 557 miles of new line, exclusive of sidings and terminal work, and 262 miles of double-tracking on the main line.

Ottawa, Ont.—Doubts which have been entertained concerning the harbor possibilities of James Bay, have been dispelled by the summer investigation of the hydraulic surveys, conducted under the auspices of the Naval Service Department. These have led to the conclusion that first-class harbor facilities are to be found in James Bay in the vicinity of the mouth of the Nottaway River. Good shelter, ample room, and a sufficient depth of water have been found, and very little silt is in evidence to necessitate dredging. Soundings indicate plenty of water right out into the bay. Examination of conditions at the mouth of the Moore and Rupert Rivers shows that they are out of the question as harbor possibilities. Ice conditions will, of course, have to be contended with in James Bay, but the difficulties in this connection are by no means insurmountable for navigation.

Galt, Ont.—The report of the local Hydro-Electric Commission shows, during the past 11 months of the present year, 434 new subscribers, which will doubtless be increased in December to 475. During 1912, there were but 347 new applications for service. The capital investment of the commission is now \$177,936.76 and the total increase of this account for the present year is \$47,946.90, of which \$25,028.74 is for ornamental lighting. The work on installing ornamental lighting this year has been very extensive, 23 miles, 184 feet of cable being laid and 252 lighting standards placed. Galt to-day has more ornamental lighting than any place its size in Canada and still has a number of streets to be supplied for which petitions are now in hand. The total cost of operation including sinking fund and interest for the 11 months of the present year is \$30,463.30, while the revenue for the same period amounts to \$40,509.32, leaving a gross profit of \$10,046.02. The increase of business of the department is better illustrated by the increase in the connected power load of 750 horsepower one year ago to 1,103 horsepower at the present time. Galt is now paying \$21.50 per horsepower.

Barrie, Ont.—It is expected that by Christmas the new Barrie station of the Marconi Wireless Telegraph Company of Canada will be almost complete. The two masts at Barrie are 450 feet apart, and 185 feet high. The cross-arms are 20 feet wide and are used to space the aerial wires. The aerial, in this case, will take the form of the letter "T" so as to radiate and receive equally in all di-