

tion of \$200,000 to relay this, the most intensely operated part of the port, in 100 lb. rails, which will be electrified at once, thus saving the bonding of the old rails and the rebonding of new rails in the course of twelve months or so.

4. Paving and track extensions... 131,000

(a) Paving at Elevator No. 3. \$21,000

This is to provide a paved roadway 50 ft. in width in front of proposed elevator No. 3 from the subway at Aylwin St. to Pius IX Ave.

(b) Paving at new sheds, section 29... 11,000

This covers paving of the roadway on the new high level wharf from sections 27 to 30.

(c) Paving at sheds Nos. 24 & 25, to Papineau Ave... \$27,000

Since 1914, when sheds 24 & 25 were put into operation traffic to these sheds has been over rough macadam road, which has now been chewed to pieces by the heavy traffic in that vicinity. The Commissioners, having completed the paving of the harbour, in front of the cold storage warehouse, from McGill Street to shed 24, now propose to carry on this paving programme in front of sheds 24 and 25 down to the present high level.

(d) Paving Bickerdike Pier... 42,000

Bickerdike pier is utilized for the receiving and delivery of much the larger part of all coal which is handled in the port of Montreal, and no roadway. Up to the present time, no permanent roadbed has been provided on this pier, the traffic on which has increased very greatly during the past couple of years, and particularly during the past six months since the beginning of the construction of the mill of the British Empire Lumber Corporation at the extreme end of the pier. The amount provided is to build and pave a roadway 30 ft. wide from the in-shore end of the pier to its extremity.

(e) New tracks on Bickerdike Pier... 30,000

This amount is to provide new railway tracks on the pier,—extensions from the present Grand Trunk Ry., for lease by the Harbour Commissioners to the allottees of the pier,—required by the different coal and lumber companies, which of course, will be rented to them at the rate of \$2,000 per mile per annum.

5. Electrification of railways... 766,000

(a) Overhead catenary trolley system, 20 miles high level tracks extensions, including track bonding... \$139,000

The amount of \$139,000 is required to complete the overhead equipment for the electrification of about 20 miles of highlevel tracks, i.e. the portion between McGill Street and Victoria pier, including the length of piers, as well as the electrification of all the new railway lines and storage yards, required in connection with the proposed grain elevator No. 3.

(b) Railway Power House Equipment... 115,000

In the Power House at present, attached to the cold storage plant, are sufficient generator sets to operate two electric locomotives on the main line between Victoria pier and Montreal East. It is now the intention of the Commissioners to operate four electric locomotives, which will require the installation of another generator set to double the capacity of the present equipment, which will cost \$115,000.

(c) 5 Electric locomotives and charging set for batteries... 355,000

This item is self-explanatory.

(d) Power transmission lines... 44,000

These lines are required in connection with the enlargement of the Grand Trunk Railway elevator where additional power is required, and also for the transmitting of power to the ships berthing at both Windmill Point wharf and the Bickerdike pier, as well as for the operation, electrically, of the sawmill and timber mill at the end of the Bickerdike Pier. It also covers the erection of a line to the harbour mechanical shops on the Mackay pier, which it is intended to also operate electrically.

(e) Sub-stations at Nos. 1 and 3 Elevators, Elevator "B" and Bickerdike Pier... 75,000

These sub-stations are required in connection with the increased loads placed upon the harbour power lines through the erection of the new elevator No. 3, and the enlargement of the Grand Trunk Railway elevator, as well as the operation of the ships and timber plant in the Western section of the port.

(a) Machine shops (Mackay Pier) 12,000

The amount of \$12,000 required is for the providing of motors,