

**MUNICIPAL DEPARTMENT**

**MEETING OF CIVIL ENGINEERS.**

The annual meeting of the Canadian Society of Civil Engineers for the election of the council for 1903 and for the transaction of business, will be held in Montreal, commencing Tuesday, January 27, at 10 o'clock, the business being as follows:—

Meeting for the nomination of scrutineers, receiving the report of council, and transaction of general business of the society; adjournment at 1 p. m. 3 p. m. By the kindness of Prof. John Cox, there will be an exhibition of the liquid air plant and demonstration in the Physics Building, McGill University. Afterward, by the courtesy of the governors of the university, members are invited to an informal reception and afternoon tea in the Macdonald Engineering Building. 8 p. m., Address by the retiring president, Dr. M. Murphy.

Wednesday, January 28—10 a. m. General business and reception of the reports of scrutineers; 1 p. m., informal luncheon in the rooms of the society;

3 p. m., conclusion of the business of the society.

The following papers have been announced for reading at the meeting:— "Dam Construction and Failures During the Last Thirty Years," by C. P. Baillairge; "The Industries of the Consolidated Lake Superior Company," by E. C. M. Cape; "Hydraulic Dredge King Edward VII," by A. W. Robinson; "The Relation of Precipitation and Drainage Area to the Discharge of Streams," by R. S. Lea; "Some Problems in Connection with the Erection of the Miramichi Bridge," by H. D. Bush.

**GRANOLITHIC SIDEWALKS.**

"The increase in the amount of cement concrete sidewalks is rather remarkable," says City Engineer Rust of Toronto. "The first pavement of this class in the city was laid in front of the Rossin House ten or twelve years ago, and the change in price has been as remarkable as the increase in amount. In 1890 this city laid only 1½ miles of pavement, while this year we have put down over 27 miles. In 1890 it cost us 33½ cents a square foot to lay cement concrete walks, while this year the price has dropped to 12 cents a square foot. The people have become educated to the pavement, and I expect to have every plank walk in the city replaced by

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cement concrete ones within the next eight or nine years. We now have 37½ miles of wooden walks in the city, and I think we can lay about 40 miles of cement concrete a year. The work will be limited to this amount because of the lack of good men for the work."

The following table shows the amount of cement concrete walks laid during the past twelve years: 1890, 1½ miles; 1891, 2 miles; 1892, 1½ miles; 1893, 2½ miles; 1894, 1 mile; 1895, 2 miles; 1896, ½ mile; 1897, 1 mile; 1898, 2½ miles; 1899, 5½ miles; 1900, 15 miles; 1901, 17 miles; 1902, 27 miles.

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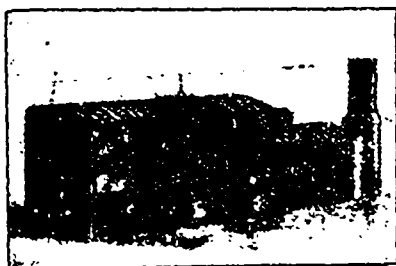
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