

**St. Catharines, Ont.**—It is said that the construction of a high-level bridge across the old Welland canal is now assured.

**Owen Sound, Ont.**—English capitalists have decided to construct a million-dollar shipbuilding plant at Owen Sound.

**Vancouver, B.C.**—Council have decided to pave Granville Street from the city boundary to the Fraser River. The work will cost about \$50,000.

### PERSONAL.

**Mr. G. H. Power**, of Chipman & Power, consulting engineers, Mail Building, Toronto, has returned to Toronto, after an extended trip through Western Canada.

**Mr. R. E. W. Hagarty, B.A.Sc.**, has returned from a business trip to Great Britain and the Continent.

**Mr. C. E. Cartwright, M. Can. Soc. C.E.**, division engineer of the Canadian Pacific Railway at Vancouver, B.C., has resigned that position and will shortly open an office at 503 Cotton Building, in the same city, where he will carry on a consulting practice. Mr. Cartwright, whose valuable experience will count for much in his new work, will make a specialty of railway construction, wharves, bridges and land improvement.

**Mr. John Irving**, trainmaster for the Grand Trunk Railway for many years on the division between Toronto and Belleville, has resigned, to accept a position with the Canadian Northern as divisional superintendent at Winnipeg.

**Mr. J. P. Forde**, for a number of years resident engineer on the C.P.R. at Revelstoke, has been appointed supervisor of construction of the Canadian Northern Railway in the province by the British Columbia government.

**Dr. Chas. A. Hodgetts**, who was recently appointed head of the health branch of the Dominion Commission on Conservation, has been awarded a fellowship in the Royal Sanitary Institute of London, England, in recognition of his noteworthy work as secretary of the Provincial Board of Health of Ontario.

### OBITUARY.

**Mr. J. Emmanuel Beuchemin**, a well-known contractor of Sorel, died last Tuesday, at the age of 59 years. He had the Government contract for the construction of wharves at Sorel.

**Mr. James Bruce Spence**, Chief Draughtsman of the Railways and Canals Department, died suddenly at Ottawa, May 20th. He was nearly seventy-eight years of age. The late Mr. Spence was born at Balmande, County of Aberdeen, Scotland, in 1832 and came to Canada when 25 years of age, taking up immediately his chosen profession of engineering, becoming engaged in the construction of Canada's earliest railroads, chiefly the Great Western, now the Grand Trunk, and having been associated with such eminent engineers as George Low Reid, Joseph Hobson and John Page.

He came to Ottawa 34 years ago to become associated with the Railways and Canals Department, and in this connection has been one of Canada's best and most trusted employees. One of his notable works was the designing and supervising of the Soo canal, having the largest single lock in the world.

Here it was that electricity was used for the first time in connection with opening and closing of the gates, the result of which was watched with interest by the engineering world. It was a complete success from the start, standing to this day a monument to this capable, but modest, engineer, handling the ever-growing traffic without delay and without mishap.

In all Mr. Spence's years of responsible service to Canada, he discharged his duties quietly, fearlessly and well. In the passing of Mr. Spence the Civil Service loses one of those army of faithful workers, who are serving Canada with their very best, but with whom the general public seldom comes in contact.

Mr. Spence was a member of the Canadian Society of Civil Engineers.

**Mr. John W. Stoughton**, 67 years old, famous as the builder of the Victoria Bridge, which spans the St. Lawrence

River at Montreal, died at Detroit, Mich., on Tuesday. Mr. Stoughton was erection superintendent of the Dominion Bridge Company, of Walkerville, Ont.

**Mr. William Richard Tiffin** died on Tuesday night, May 29th, at Barrie, in his 65th year. On May 24 Mr. Tiffin celebrated his 50th anniversary with the Grand Trunk. As a lad of 15, he entered the office of the Superintendent of the Great Western, at Hamilton, as junior clerk, and afterwards served in a similar capacity in London. On the opening of the Wellington, Grey and Bruce he was appointed traffic agent at Fergus, in 1872. When the line was completed he went to Palmerston, as Divisional Superintendent, and on the amalgamation of the Great Western with the Grand Trunk, went to Stratford in 1886 as Superintendent of the northern division. In 1891 Mr. Tiffin went to London in charge of the southern division, and when the change of management took place in 1897 was transferred to the northern division at Barrie, which division he managed with signal success. In railroad circles Mr. Tiffin was regarded as one of the best-informed railway men in Canada, and possessed administrative ability of a high degree.

### ORDERS OF THE RAILWAY COMMISSIONERS OF CANADA.

(Continued from page 568).

10617—May 6—Authorizing the Commissioners of the Transcontinental Railway to cross the railway line and tracks of the C.N.R. (Dundee Branch) at grade, by and with a spur line to gravel pit from main line of the National Transcontinental Railway, through Sections 1, 2, 11, and 12, R. 4, East, Manitoba.

10618—May 12 and 13—Dismissing the complaint of the Manitoba Windmill and Pump Company, complaining that the rates charged by the C.P.R. on windmills from Brandon, Man., to Vancouver, B.C., are unjustly discriminatory in favor of the shippers from Eastern Canada.

10619—May 17—Approving location of the G.T.P. Branch Lines Company's Battleford Branch from mile 0 to mile 26, Sask.

10620—May 12 and 13—Authorizing the G.T.P.R. to divert highway crossing in the south half of Section 18, Township 12, R. 20, west 1st Meridian, District of Brandon, Manitoba.

10621—May 17—Approving revised location of the V. V. & E. Railway and Navigation Company's line of railway from the East line of Section 15, Township 16, to the West line of Township 26, New Westminster District, B.C., a distance of 18.3 miles.

10622—May 17—Authorizing the C.P.R. to construct Bridge No. 106.44 over Windy Lake, on Cartier Section, Lake Superior Division.

10623—May 17—Authorizing the C.P.R. to construct Bridge No. 26.9 over Lavelle Creek, on the Chalk River Section, Eastern Division.

10624-625—May 16—Authorizing the G.T.R. to cross at grade with its railway, the road between Lot 11, 2nd Concession, and Lot 11, 3rd Concession, Township of Tiny, County Simcoe, Ont., and the public road between Lots 85 and 86, 2nd Concession Township Tiny, County Simcoe, Ontario.

10626—May 16—Authorizing the G.T.R. to construct its railway by means of an overhead bridge, across road between Lots 89 and 90, 1st Concession Township Tiny, County Simcoe, Ont.

10627—May 16—Authorizing the G.T.R. to cross at grade with its railway the road between Lot 88, 1st Concession, and Lot 88, 2nd Concession Township Tiny, County Simcoe, Ontario.

10628—May 16—Authorizing the G.T.R. to construct its railway at grade across the road between Lots 11 and 12, 2nd Concession of Township of Tiny, County Simcoe, Ontario.

10629—May 17—Authorizing the town of Paris, Ontario, to lay a ten-inch iron pipe along Market Street, under the two tracks of the main line of the G.T.R.

10630—May 16—Authorizing the Manitoba Government Telephones to erect wires across the track of the C.N.R. at public crossing 1½ miles east of Swan Lake Station, Manitoba.

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