

Ontario.

BADEN.—A new bridge with concrete floor will be erected here by the Hamilton Bridge Co., for \$2,297. H. J. Bowman is county engineer.

ST. CATHARINES.—Whether or not the construction of numerous concrete walks will be commenced this year is to be decided by the council at a meeting on the 13th inst.

STRATFORD.—An option has been secured by the National Cement Co., Durham, on Horseshoe quarries, St. Mary's, and it is expected that the Durham company will take over the quarries upon the expiration of the present lease, held by St. Mary's men. The intention is that stone will be shipped to Durham and there manufactured into cement.

TORONTO.—On Tuesday, Sept. 7th, a meeting will be held to hear appeals in connection with proposed local improvements, which include concrete sidewalks, sewers, pavement and gutters.

TORONTO.—A reinforced concrete bridge, with a span of 50 feet, will shortly be erected over the Humber, on the 8th concession, Vaughan Township. Mr. Hicks secured the contract at \$3,600. Mr. Frank Barber, York County Engineer, prepared the plans.

PETERBOROUGH.—George A. Begg & Company, of St. Catharines, will probably build the new reinforced concrete bridge here at a cost to the municipality of \$28,699.

British.

LONDON (ENG.).—It is understood that £1,000,000 preference shares in the cement combine have been underwritten for issue. Later, bonds will be allotted as payment to the groups entering the combine.

FINANCING PUBLIC WORKS.

Quebec.

JOLIETTE has sold \$200,000 debentures to Hanson Bros., of Montreal.

COATCOOK.—The ratepayers have authorized the borrowing of \$14,000 for a new dam, a new power house and new electrical plant.

NOTRE DAME DE GRACE.—Tenders will be received till September 7th, for \$50,000 debentures, the proceeds of which are to be used for the opening and widening of streets. L. Descarris, secretary-treasurer, Notre Dame de Grace.

THREE RIVERS.—Bids are invited for the construction of a reinforced concrete bridge, 16 feet wide, by L. T. Desaulniers, secretary-treasurer.

Ontario.

ARNPRIOR has sold \$2,506 debentures to S. A. Stimson & Company, of Toronto.

CHIPPEWA.—On September 22nd the ratepayers will vote on a by-law connected with the establishment of an electric smelting concern.

LONDON.—The City of London will shortly have \$400,000 in debentures for sale. The Niagara Power bonds aggregating \$235,000 have not yet been sold.

ORILLIA.—The Town Council offered to loan the Tudhope Carriage Company \$50,000 upon learning of their decision to rebuild here.

VICTORIA.—On August 26th the ratepayers passed a by-law to enter into an agreement with the British Columbia Electric Company relative to the development of power on the Jordan River. The company will spend \$1,500,000. The proposition to expropriate the Esquimaut Waterworks Company's agreement was turned down.

British Columbia.

PEACHLAND.—This municipality offers for sale until September 13 \$9,500 waterworks debentures, \$7,300 electric light debentures, \$3,000 road debentures, and \$1,000 5 per cent. s.-a., 20-year fire protection debentures. H. McDougall is the clerk.

VANCOUVER.—The ratepayers may vote on a by-law to purchase the water rights of the Burrard Power Company. They may also vote on a Great Northern Railway by-law this fall.

SEWERAGE AND WATERWORKS.

Ontario.

PETERBOROUGH.—The city Board of Works have recommended the acceptance of the tender of George A. Begg & Co., of St. Catharines, for \$28,699, for building a reinforced concrete bridge over the river at Smith street.

Manitoba.

PORTAGE LA PRAIRIE.—Messrs. Smith, Kerry & Chace, of Winnipeg and Toronto, are making a report on the advisability of constructing a dam or a water-wheel in connection with the waterworks here.

Alberta.

CALGARY.—The water mains have now been laid through the tunnel under the Bow and the gravity system will be connected with the Hillhurst mains this week. For some time a water supply has been kept up by a pipe line over the Louise Bridge, but this will be disconnected now that the mains under the river have been laid.

EDMONTON.—Work is now in progress on the laying of the new water main from the power house up Second street to the north end of the city. The main has been completed as far north as Saskatchewan Avenue. Below the hill steel pipe will be laid, and above, the pipe will be of galvanized iron. This pipe will be the largest in the city and will be the source of supply for the G. T. R. yards.

British Columbia.

FERNIE.—Messrs. Broley and Martin, the contractors who, under the supervision of the city engineer, Mr. Potter, are putting in the pipe line to carry water from Fairy Creek to the city, are making good progress with the work. The pipe is being laid from the town end of the ditch and a considerable portion is now in the ground. The bridge over the Elk River is progressing, but at the present time the contractors are having considerable trouble with the logs brought down by the river, and which by piling up against the false work of the bridge, would, unless helped on their way by pike poles and peavies, injure it. The centre pier is not quite finished, but as soon as this is done it will be only a comparatively short job to lay the stringers and complete the work.

RAILWAYS.

Foreign.

CHICAGO.—The Northern Pacific recently received 13 new locomotives from the Baldwin Works and 17 more have been ordered. They are all of the Pacific passenger type, and those received have been assigned to passenger service on the various divisions. The combined weight of each engine, with its loaded tender, is 376,000 pounds, the tenders having a capacity of 12 tons of coal and 7,000 gallons of water. The engines have a 22 by 26-inch cylinder and 69-inch drivers. They are capable of an average speed of 60 miles an hour with a train of 8 cars. In the North Coast Limited service a speed of 70 miles an hour and over is often made for considerable distances.

INDIANAPOLIS.—Contracts for the improvement and reduction of grades on the Vincennes division for the Pennsylvania line in Indiana have been let to Charles H. Stevens & Son, of Cleveland. The contract calls for the completion of the work in 90 days.

TELEPHONY.

Ontario.

WATERLOO.—The establishment of an independent system of telephones is being discussed by the Waterloo Board of Trade.