

Lighting of Business Streets.—A small folder illustrating the adaptability of G. E. ornamental luminous arc lamps for the attractive lighting of business streets. Issued by the Canadian General Electric Company, Toronto.

Small Motors.—A well-written 20-page booklet issued by the Westinghouse Electric and Manufacturing Company, East Pittsburg, Pa., descriptive of the construction, application, and utility of electric ventilating outfits.

Heavy-Duty Corliss Engines.—Bulletin No. 1529, 20 pages, containing a brief description of the more important features of the Corliss engine designed for heavy duty. Issued by Canadian Allis-Chalmers, Limited, Toronto.

Priestman Sewage Pumping Equipment.—A 16-page booklet issued by the Merritt Hydraulics Company, Philadelphia, consisting of a complete description of the Priestman method of sewage pumping, its advantage, cost of operation, etc.

Heat-Treating Furnaces.—A handsomely-illustrated and well-designed 40-page booklet issued by Tate, Jones & Company, Inc., Pittsburg, Pa. This booklet is descriptive of heat-treating furnaces for annealing, hardening and tempering of steel, and all heat-treating operations.

Steel Chain Belt.—Catalogue No. 54, illustrated, 32 pages, descriptive of Chabelco chain belt, manufactured by Chain Belt Company, Milwaukee, Wis. A few pages are devoted to chilled steel sprocket wheels and the application of the two to conveyer systems, paving-mixers, etc.

Tiffin Motor Trucks.—An attractive 24-page booklet issued by the Tiffin Wagon Company, Tiffin, Ohio. This booklet is fully illustrated with fine half-tones, and gives a very complete and comprehensive description of the design, construction, and utility of Tiffin motor trucks.

Recent Developments in Machine Stoking.—A 40-page, illustrated booklet issued by Ed. Bennis & Company, Limited, London, Eng. This booklet gives a complete description of modern machine stoking by the Bennis method. The text is freely illustrated with interesting photographs.

Flushtank Siphons and Water Regulators.—A 16-page, 6 x 9-in. booklet, by Merritt Hydraulics Company, Philadelphia, dealing with water flushing and control, and containing details of construction and operation of the Morse and Merritt flush-tanks, automatic and semi-automatic.

Bermudez Road Asphalt.—A 16-page booklet descriptive of some roads made from Bermudez asphalt and the wide adaptability of the latter. Many illustrations are given of some of the 12,000,000 sq. yds. of these roads in the United States. Specifications for bituminous road-binder are included. Published by the Barber Asphalt Paving Company, Philadelphia.

Gurley Scientific Instruments.—1914 Catalog, 6 x 9 ins., of W. & L. E. Gurley, Troy, N.Y., for civil, hydraulic and mining engineers' and land surveyors' instruments, including transits, levels, compasses, current meters, and all supplies for field and engineering office work. The catalog, which comprises 224 pages, is very carefully and handsomely illustrated, many of the descriptions of instruments being accompanied by full-page plates.

The Exhaust Steam-Heating Encyclopedia.—The Harrison Safety Boiler Works, New York, have issued their new 207-page edition of the Exhaust Steam-Heating Encyclopedia. This unique and beautifully-designed volume contains a complete compilation of facts and statistics concerning the improved Cochrane Steam Stack and Cut-out Valve Heater and Receiver, and its application in connection with commercial systems of exhaust steam and hot water heating. In addition, there is much other information and tables useful to heating and ventilating engineers and contractors. Canadian Allis-Chalmers are the Canadian agents.

Coast to Coast

Deseronto, Ont.—A flow of natural gas has been struck at Deseronto at a depth of 60 feet; and it is stated gives promise of heavy pressure.

Regina, Sask.—It is now expected that the street railway deficit at Regina will amount this year to only half of the estimated amount, which was \$100,000.

Ottawa, Ont.—On July 20, the government steamer "Minto" sailed for Hudson Strait and Hudson Bay, to install 12 lighthouses for the protection of navigation.

Owen Sound, Ont.—As an endeavor to solve its paving problem, the council of Owen Sound has authorized the construction of a block of tarred road, as an experiment; and if this proves satisfactory, more of this road will be built.

Leamington, Ont.—It is expected that before fall, the harbor at Leamington, planned by the Canadian Government, will be ready for the use of vessels drawing not more than 26 feet. Soundings are now being made by engineers; and a breakwater will be built 300 feet out in the lake west of the present dock, which will provide a commodious and safe haven during bad weather.

St. Catharines, Ont.—In addition to the question of a water supply which is now being confronted by the town of St. Catharines, there is the question of the effect of the raising of the river level upon the sewerage system of the town. An endeavor is being made at present to solve both problems and to reach an agreement with the Department of Railways and Canals for the defraying of new expenditures that will be involved.

Sault Ste. Marie, Ont.—Such progress has been made in connection with the construction of the third lock at Sault Ste. Marie that it is expected by lock officials that it will be in use by September 1. Water has been turned into the approach at both ends; and only minor touches remain to be given to the entrance channels. The depth of the new lock will be 25 feet. A year later, it is planned to have a new fourth lock ready for traffic.

Montreal, Que.—Due to the fact that more small buildings are being erected and a correspondingly smaller number of large structures are being undertaken this year in Montreal, figures obtained from the office of the city building inspector show that for 1914, from January to June 30, the estimated value of new buildings was \$8,521,910; while for the same period of 1913 the value of buildings erected was \$9,942,286, or in other words a decrease for the current year of \$1,400,000.

Weyburn, Sask.—The laying of steel on the new Weyburn-Lethbridge branch of the C.P.R. has been completed as far as the Alberta boundary line. This work has progressed steadily all summer at the rate of 3 miles per day, leaving only some 80 miles of its 410 miles in length to be completed. A passenger service is already being run from Weyburn to Shaunavon, which it is expected to extend to Covenlock on September 1, this latter point being practically situated on the boundary line between Saskatchewan and Alberta. In addition to the construction work on the Weyburn-Lethbridge line, the C.P.R. is also double-tracking the main line between Regina and Broadview. This work will be completed by September 1, giving a double track run practically all the way across Saskatchewan.

Montreal, Que.—The plans which are to be prepared, and have almost been completed by the architects of the Mont-