

this thoroughfare runs through West Vancouver, where the "boulevard" is the pride of the residents. All three routes run through pleasant stretches of woods and near wonderful stretches of water. The West Vancouver highway will, it is expected, some time be a business street throughout the greater part of its length. In the three municipalities the greatest expenditure is for this road.

Montreal, Que.—In a report to the Harbor Commission, F. N. Cowie, engineer of the Commission, reports a serious state of affairs in regard to the pumping station for sewage being erected near the Place Royale. The site selected adjoins the Sailors' Institute and the Birmingham Building. It was necessary for the contractor to go down a considerable distance for the foundations. For fourteen feet good soil was found, but below that clay and quicksand, very wet, has been met with. Mr. Cowie advises the Harbor Commission to assume no responsibility whatever for the work, as the city of Montreal made the selection, the station being needed for the diversion of sewage from the Elgin basin. The work is being done at the joint expense of City and Harbor Commission. Mr. Cowie declares that the Birmingham Building will have to be taken down, as the walls are in a state of collapse, and the walls of the Sailors' Institute are none too safe. The excavation, states Mr. Cowie, is in a deplorable condition. The timbering has collapsed and the lower portion of the ground is caving in. The depth of the excavation is held responsible by Mr. Cowie for the condition of the Birmingham Building and the Sailors' Institute.

Prince Albert, Sask.—An exhaustive report on the power situation by F. A. Creighton, power manager, which has been in the hands of the aldermen for some time, was read at the last meeting of the city council, at which P. H. Mitchell, the consulting engineer, was present, and made a number of explanations on various points. The estimated cost of completion of the scheme on the basis of a 4,000 horse-power capacity is \$1,700,000, and of this sum \$771,111 was spent up to June 30th. One of the most important points in the report was in regard to the flow of water at La Colle Falls during the dry season of the year. According to a gauging taken last year, the only one available, that flow is only 1,500 second feet during January, February and March, and with such a flow only 3,360 horse-power could be generated. Mr. Mitchell emphasized the handicap they had from the lack of sufficient and reliable data on those gaugings, and it was decided to petition the Dominion Government to make arrangements twice a week from November till May.

PERSONAL

M. B. WATSON, B.A.Sc., has been appointed Assistant Engineer to the Ontario Highway Commissioners.

GEO. H. POWER, of Chipman and Power, Consulting Civil Engineers, is returning this week to take charge of the Winnipeg office, after spending several months in Toronto.

J. H. BILLINGS, B.A.Sc., has accepted a position in the Department of Mechanical Engineering of the University of Missouri, Columbia, Mo., as instructor in thermodynamics.

GEO. CONDON has accepted an appointment from the National Steel Car Company, Ltd., of Hamilton, Ont., to represent them in Montreal. The new offices are in the Shaughnessy Building.

V. A. E. GOAD, B.A.Sc., has gone to Montreal where he will take permanent charge of the Montreal interests of the Chas. E. Goad Company. Mr. Goad has been associated with the main office in Toronto for the past three years.

ISHAM RANDOLPH, C.E., of Chicago, announces that he has removed his offices to Suite 1807 Commercial National Bank Building, north-east corner of Adams and Clark Streets, where he will continue his practice as consulting engineer.

F. D. MANNING has been appointed Canadian sales manager for the Continental Car Equipment Company, Inc., of New York City and Louisville, Ky., manufacturers of dump cars. Mr. Manning will have his offices in the C.P.R. Building, Toronto.

WM. C. WILLARD has been appointed Assistant Professor of Railway Engineering at McGill University, succeeding Professor Smart, resigned. Mr. Willard is a graduate of Lehigh University, an associate member of the American Society of Civil Engineers and a member of the American Railway Engineering Association. He leaves the position of Assistant Civil Engineer, Panama-Pacific International Exposition, San Francisco, California, to come to Montreal. Among other positions of importance held by Mr. Willard are those of Instructor in Civil Engineering and Director of the Summer School of Surveying, University of California; Assistant Engineer, construction department, Southern Pacific Railway; Professor of Railway and Highway Engineering, State College of Washington, and Assistant City Engineer, Oakland, California.

COMING MEETINGS.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—Sixth General Annual Assembly will be held at Calgary, Alberta, September 15th and 16th. President, J. H. G. Russell, Winnipeg, Man.; Hon. Secretary, Alcide Chaussé, 5 Beaver Hall Square, Montreal, Que.

NATIONAL PAVING BRICK MANUFACTURERS' ASSOCIATION.—Tenth Annual Meeting will be held at Cleveland, Ohio, September 17th and 18th. Secretary, W. P. Blair, 824 Engineers' Building, Cleveland, Ohio.

CANADIAN PUBLIC HEALTH ASSOCIATION.—Third Annual Meeting in Regina, September 18th, 19th and 20th. General Secretary, Major Lorne Drum, Ottawa; Local Secretary, R. H. Murray, C.E., Regina.

ILLUMINATING ENGINEERING SOCIETY.—Annual Convention to be held at Pittsburg, Pa., September 22nd to the 26th. Secretary, I. D. Israel, 29 West 39th Street, New York City.

AMERICAN ROAD CONGRESS.—Annual Session will be held in Detroit, Michigan, from September 29th to October 4th. Secretary, J. E. Pennybacker, Colorado Building, Washington, D.C.

AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—Twentieth Annual Meeting to be held in Wilmington, Del., October 7th to 10th. Secretary, A. Prescott Folwell, 15 Union Square, New York.

UNITED STATES GOOD ROADS ASSOCIATION.—Convention will be held at St. Louis, Mo., November 10th to 15th. Secretary, J. A. Rountree, Lo21 Brown-Marx Building, Birmingham, Ala.

AMERICAN ROAD BUILDERS' ASSOCIATION.—Tenth Annual Convention to be held in First Regiment Armory Building, Philadelphia, Pa., December 9th to 12th. Secretary, E. L. Powers, 150 Nassau Street, New York, N.Y.

AMERICAN CONCRETE INSTITUTE.—Tenth Annual Convention to be held in Chicago, February 16th to 20th, 1914. Secretary, E. E. Krauss, Harrison Building, Philadelphia, Pa.