

The main provisions of the new bill are briefly:—

- 1st. No vehicle shall carry upon the highway a load, including the vehicle, greater than twelve tons or more than four tons on any one wheel.
- 2nd. No vehicle shall carry a load, including vehicle, which will impose a greater weight than six hundred pounds per inch of tire on the highway. The use of flanges, ribs, clamps, or other attachments to the wheels or other parts of the vehicle is prohibited where such attachments are likely to injure the highway.
- 3rd. Permits will be granted by the authorities for moving object or vehicles over highways when the maximum allowable loading has been exceeded.
- 4th. Speed of traction engines and motor trucks carrying a weight in excess of four tons, including the vehicle, is limited to ten-miles per hour. The maximum speed for a load of six tons on iron or steel tires is six miles per hour, while a speed of eight miles per hour is allowable if the vehicle is equipped with hard rubber or other similar tires.

The effect of this Act will be to make highway loads more uniform so that those who have to do with the construction and maintenance of our highways, and particularly those engaged in bridge design, will possess reliable information so far as the probable loading on highway bridges and culverts is concerned. Up to the present it has been necessary to design such structures between very wide limits, necessitating what has often been anything but an economical use of material.

#### PERSONAL.

M. T. CANTELL has been appointed municipal engineer of St. Vital, Man.

ALLAN PURVIS has been appointed general superintendent of the Eastern Division succeeding A. E. Stevens, transferred.

A. C. VOLKMAR, forester of the Riordon Paper Company, St. Jovite, Que., has been elected an associate member of the Canadian Society of Forest Engineers.

Lieut. ERIC G. KINGWELL, formerly city engineer of Kamloops, B.C., and now attached to the First Canadian Pioneers, is actively engaged in recruiting work for his battalion.

R. R. BRADLEY, forest engineer of the New Brunswick Railway Company, is preparing his final maps of the territory owned by that company and expects in the spring to undertake planting operations on a large scale.

Lieut. FRANK J. LAWSON, B.A.Sc., recently with the engineering department of the city of Calgary, has died of wounds received in France. He was the only son of the well-known architect, F. J. Lawson, of Calgary.

VALDIMAX J. MELSTED, B.Sc., A.M.Can.Soc. C.E., until recently engineer of water services and tests for the C.P.R. at Winnipeg, has been engaged to conduct analyses of all the public water supplies in Manitoba. Mr. Melsted was appointed by the Provincial Board of Health.

J. W. HARRIS, M.L.S., M.Can.Soc.C.E., after 37 years' service to the city of Winnipeg as assessment commissioner and city surveyor, has handed over his departments to his successors, Leo. W. Donley and R. H. Avent, and his name will be inscribed on the civic pension roll.

Major HOWARD L. BODWELL, A.M.Can.Soc. C.E., according to recent casualty lists, has been wounded. He is a graduate of the Royal Military College, Kingston. For some time he was adjutant of the 47th Battalion and later joined the Second Pioneers, in which battalion he received his wounds.

Lieut.-Col. GEORGE G. NASMITH, Ph.D., C.M.G., who has rendered such signal service at the front as analyst and advisory offices on sanitary work for the Canadian forces, is to be honored by the University of Toronto with the honorary degree of LL.D., at the convocation to be held May 19th.

STANLEY H. FRAME, A.M.Can.Soc.C.E., has recently received the appointment from the Dominion Government as District Hydrometric Engineer with the Irrigation Branch, Department of the Interior, Calgary. For the past three years he held the position as assistant to the city engineer of Calgary.

A. E. STEVENS, now general superintendent of the C.P.R. at Montreal, has been appointed general superintendent of the Saskatchewan division with headquarters at Moose Jaw. The appointment was made necessary by the extended leave of absence, on account of ill-health, having been granted to J. G. Taylor.

AUGUSTIN FRIGON, C.E., has resigned from the firm of Surveyer & Frigon, consulting engineers, Montreal, to become engineering manager of the Canadian Siegwart Beam Co. Mr. Frigon is a graduate of Laval University, and for several years past has been a member of the Faculty of that university. The firm name of Surveyer & Frigon has been changed to Arthur Surveyer & Co. Mr. Surveyer's research work in regard to water-powers is well known to our readers. He is a member of the Canadian Society of Civil Engineers, the Société des Ingénieurs Civils de France, and the International Association of Navigation Congresses.

#### CANADIAN SOCIETY OF CIVIL ENGINEERS— COMMITTEE ON PRESTIGE, ETC.

Referring to the elections recently held in the various districts of the Canadian Society of Civil Engineers for the selection of members for the committee on prestige, influence, etc., the Council of the Society announces the following results:—

Representing District No. 1—W. J. Francis, Phelps Johnson, R. S. Lea, H. H. Vaughan, W. F. Tye and A. Boyer.

District No. 2—D. H. McDougall, W. A. Duff and L. H. Wheaton.

District No. 3—A. E. Doucet, A. Amos and A. R. Decary.

District No. 4—John Murphy, R. deB. Corriveau and G. B. Dodge.

District No. 5—H. E. T. Haultain, R. W. Leonard and E. W. Oliver.

District No. 6—H. B. Mucklestone, W. L. Mackenzie and A. J. McPherson.

District No. 7—H. F. Hayward, D. O. Lewis and E. A. Cleveland.

#### AMERICAN SOCIETY FOR TESTING MATERIALS.

The nineteenth annual meeting of the American Society for Testing Materials will be held at Atlantic City, June 27th to 30th inclusive. The new Hotel Traymore has been selected as the headquarters for the meeting.