

## PERSONAL.

J. L. G. STUART, B.A.Sc., has been appointed resident engineer for the Burlington section of the Toronto-Hamilton highway.

A. B. MITCHELL, B.A.Sc., has been appointed engineer in charge of construction for Norman M. McLeod, contractor on the waterworks extensions for the town of Orillia.

Capt. A. O. POWELL, harbor engineer of New Westminster, B.C., was tendered a complimentary dinner on the successful completion of the first section of the city's harbor improvement scheme.

A. K. GRIMMER, city engineer of Medicine Hat, Alta., has tendered his resignation to the city council, to take effect on February 28th. He has been in the employ of the city for over five years.

H. J. GLAUBITZ, general manager of the Hydro-Electric Department for London, Ont., has resigned and will leave shortly for New York City, where he will engage in engineering work in a consulting capacity.

NELSON P. LEWIS, M. Am. Soc. C.E., Chief Engineer, Board of Estimate and Apportionment, New York City, on December 23rd delivered an illustrated lecture on "Planning of Streets and Street Systems" before the graduate students in highway engineering at Columbia University.

GEO. T. CLARK, vice-president of Richardson Bros., Limited, of Saskatoon and Winnipeg, has been appointed by the Department of Public Works, Ottawa, to superintend excavation for the foundation work of the new Saskatoon post-office. Work started on December 30th.

G. H. HOWARD, who has been travelling for the A. R. Williams Machinery Co. for the past seven or eight years, has severed his connection with that company to take a position on the sales staff of the John Bertram & Sons Co., Limited. Mr. Howard will represent the Bertram Company and their associate company, Pratt & Whitney Company of Canada, Limited, in the Niagara District and Western Ontario, with headquarters at Dundas.

GERALD D. CASE, civil engineer, Vancouver, B.C., has been elected a member of the Institution of Civil Engineers of Great Britain, and will hereafter represent the Society in British Columbia. Mr. Case has written several very useful books, such as "Coast Sands and Sand Dunes," "Coast Erosion and Foreshore Protection," and "The Use of Vegetation in Reclaiming Tidal Lands." He is the holder of several of the Institution's prizes, including the Miller and the Clarke prizes.

Sir SANDFORD FLEMING, K.C.M.G., C.E., LL.D., celebrated his 88th birthday on January 7th at his home in Ottawa. Sir Sandford came to Canada in 1845, joining the engineering staff of the Northern Railway, and assuming the duties of chief engineer of that road in 1857. Subsequently he was in partnership with Messrs. Ridout and Schreiber. In 1863 he went to England, urging railway communication between eastern Canada and the central west. He conducted a survey of the C.P.R. route, having been appointed by the Imperial and colonial governments to lay out a railway to extend from the Atlantic to the Pacific within British territory. Sir Sandford's eminence in engineering needs no introduction to our readers.

## OBITUARY.

Mr. George Herbert Webster, C.E., whose death was reported in these columns last week, was one of the best-known railway engineers of Western Canada, and had long been connected with the engineering staff of the Canadian Pacific Railway. Mr. Webster was born at Creemore, Ont., in 1858. In 1873 he articulated with the engineering department of the Northern Railway. Five years later he was appointed assistant engineer in the service of the Northern and Hamilton and Northwestern Railways, where he remained until 1882, when he moved to Winnipeg to engage in private business with C. W. Moberly. The following year he was appointed engineer of the Manitoba and Northwestern Railway. He remained with this company, rising to the position of chief engineer and land commissioner. When in 1898 the Manitoba and Northwestern Railway was taken over by the C.P.R. he was appointed resident engineer of the C.P.R. at Winnipeg. After several years as resident engineer, Mr. Webster was transferred to Montreal as general terminal engineer, and later was placed in charge of the lease and right-of-way department. In 1904 he was transferred to Vancouver, B.C., where he assumed the duties of divisional engineer. Ill-health proving a handicap, he resigned from the service in 1905, and the remaining years of his life were spent in private practice as a consulting engineer in Vancouver. In 1887 Mr. Webster was elected a member of the Canadian Society of Civil Engineers, and the American Railway Engineering and Maintenance-of-Way Association record him as a charter member.

The death notice has been received of Mr. H. C. Brown, superintendent of the municipal paving plant of Calgary, Alta. He had been in the employ of the city for about three years, and was largely responsible for the establishment of the plant, as well as for its subsequent operation.

## INSTRUCTION IN COUNTY ROAD-BUILDING.

As stated on the editorial page of this issue, a course of lectures in highway construction for the benefit of county road superintendents and engineers will be given under the direction of Mr. W. A. McLean, provincial engineer of highways. The lectures will be delivered by various engineers of his staff in a committee-room of the Parliament Buildings, according to the tentative arrangement just announced. They will begin on Tuesday, February 23rd, and continue until February 26th. The subjects to be dealt with will be as follows: Types of Road for the Open Country; Road Location and Grading; Alignment, Straightening, Hills, Sub-base, etc.; Drainage of Roads; Geology of Road Materials; Care of the Roadside; Departmental Regulations; Gravel Roads; Stone Roads; Concrete Roads; Bituminous and Brick Roads; Culverts; Bridges and Abutments; Maintenance and Repair of Roads; Machinery and Operation; Quarrying and Explosives; Cost-keeping, Road Accounts and Reports; Traffic and Modern Road Construction; Dust-laying; Cost Estimates.

Lectures will start at ten o'clock each morning, and will be illustrated by lantern slides. Following each lecture the subject will be open for discussion by the county engineers and superintendents.

It is intended to make the course of lectures thoroughly practical in all particulars, and all municipal road superintendents and engineers should, as far as possible, avail themselves of the privilege offered them. Any further information may be obtained from W. A. McLean, Chief Engineer of Highways, Parliament Buildings, Toronto.