

JOHN WILLCOCKS, born at Mussoorie, India, on the 31st July, 1859, died at Ealing on the 21st August, 1913. After passing out first of his year from the Thomason Civil Engineering College, Roorkee, he entered the Indian Public Works Department in 1879, and passed almost his entire service of 30 years in the railway branch. Amongst other important appointments, he held the offices of Consulting Engineer for Railways to the Bombay Government, Junior Consulting Engineer for Railways, Calcutta, Engineer-in-Chief of the Nagda-Muttra State Railway, which he designed and constructed, and Agent in Burma of the Burma Railways Company. He resigned Government service in 1909 with the rank of Chief Engineer.

Mr. Willcocks was elected a Member of The Institution on the 13th January, 1903.

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EMANUEL ALOIS von ZIFFER, born on the 23rd January, 1833, died at Vienna in October, 1913, aged 80. After undergoing a course of training at the Imperial Polytechnic School, Vienna, he was employed in the construction and maintenance of various railways in Austria, notably the Lemberg-Czernowitz-Jassy line, of the directorate of which he became President in 1875, with his office in London. Subsequently he constructed a number of local railways in Austria, becoming director and president of various railway undertakings, as well as of construction and equipment companies. He received several Austrian decorations, served on State Railway and other Commissions, and was a member of a number of technical societies.

He was elected a Member of The Institution on the 21st May, 1895.

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ROBERT SANDERS ANDERSON, born on the 10th October, 1855, died at Peebles on the 30th November, 1913. He obtained his practical training on the North British Railway, and after some municipal work at Penicuik and in Edinburgh, he was appointed County Road Surveyor and Sanitary Inspector for Peeblesshire, a position which he held for 30 years.

Mr. Anderson was elected an Associate Member of The Institution on the 3rd May, 1881.

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