

Graduates, on its creation in 1838,¹ and became a Member in 1848. In 1844, he contributed a Paper,² containing an account of a land-slip which occurred during the construction of the Box Tunnel, for which he was awarded a Walker Premium of Books.

MR. FRANCIS WILLIAM ISHERWOOD WEST, was the only Son of the late Mr. Francis West, of the Honourable East India Company's Service. He was educated at Blackheath, and after serving a regular pupilage under Mr. T. H. Bertram, (M. Inst. C.E.,) at Reading, he was employed by the late Mr. Brunel, for upwards of three years, as an Assistant Engineer, on the construction of the Oxford and Birmingham Railways, and then for one year by Mr. J. R. McClean, (V.P. Inst. C.E.,) on the Birmingham, Wolverhampton, and Dudley Railway. After these lines were opened, he acted for nearly four years, as Resident Engineer on the Wolverhampton division of the Great Western Railway. In September, 1858, he was engaged on the Engineering staff of the East Indian Railway, and on joining, he was appointed Resident Engineer on the Ishangerah division of the line. He continued in the active prosecution of his professional duties in India, until he was prematurely cut off, after a few days' illness, by an attack of cholera, on the 25th of March, 1860, in the twenty-ninth year of his age. He had only been elected a Member of the Institution, on the 7th of February preceding, and he died before the intelligence of his election could reach him.

MR. FRANCIS MORTIMER YOUNG, the only child of Mr. Francis Young, was born in London, in 1814. He was educated by the Rev. W. Tate, at Richmond, Yorkshire, where he attained considerable proficiency in mathematics. In 1831, he became a pupil of Mr. Robert Stephenson, by whom he was first sent for two years to the works at Newcastle-upon-Tyne, to obtain a practical knowledge of mechanics, and then was placed at Coventry, on the London and Birmingham Railway, as assistant to Mr. T. L. Gooch, (M. Inst. C. E.) On the completion of the line, he was appointed one of the Resident Engineers of the Manchester and Leeds, (now the Lancashire and Yorkshire,) Railway, under Messrs. George Stephenson and T. L. Gooch, who were jointly the principal engineers, and he superintended the construction of the difficult works on the Todmorden district. On this

¹ *Vide* Minutes of Proceedings Inst. C.E., vol. i. (1838), p. 2.

² *Vide ibid.*, vol. iii., p. 129.