

Selected Papers:

- 'Earthquake-resistant structures: the seismic factor and the use of reinforced brickwork in Quetta civil reconstruction.' J. 29 (Jan. 1948), 171. Correspondence: J. 30 (Oct. 1948 Supplement), 402.
- 'Prestressed concrete beams: the economical shape of section.' P. III, 3 (Apr. 1954), 242.
- 'A design chart for the economic section for prestressed concrete beams.' P. III, 5 (Apr. 1956), 184. Correspondence: P. III, 5 (Dec. 1956), 866.
- 'Design charts for prestressed concrete beams of uniform section.' P. 10 (May 1958), 39. Corrigenda: P. 10 (Aug. 1958), 604; P. 11 (Sept. 1958), 134.
- 'The three-span articulated beam.' P. 13 (Aug. 1959), 467.
- 'The articulated continuous beam.' P. 15 (Feb. 1960), 105.
- 'The two-span haunched continuous beam in prestressed concrete.' P. 15 (Mar. 1960), 255.
- 'The three-span haunched continuous beam in prestressed concrete.' P. 18 (Jan. 1961), 67.
- 'A design chart for rectangular reinforced concrete members subject to moment and thrust.' P. 28 (Aug. 1964), 505.

Harold Donovan Gauntlett

who was born on 12 August, 1909, died on 8 May, 1969.

Educated at Harrow County School, he took his practical training from 1927–30 under A. J. Barry (F), continuing for the next three years with A. J. Barry and Partners, Consulting Engineers, on a 367-acre reclamation project on the Tees Estuary and in equipping Bromborough Dock on the Mersey. During this period he also worked on schemes for overseas dock, harbour and railway development in Aden, Bombay, Turkey and China.

Gauntlett was to make his mark as a municipal engineer by sheer talent allied to thorough experience in every aspect of the game—experience gained in his early and middle years by moving with some deliberation to different localities and from borough council to urban district council to city council. From Wembley Urban District Council (where in 1933 he was engaged in road widening, sewerage, flood prevention and heating for a large open-air swimming pool) he joined Ilford Borough Council in 1935, and here shortly became responsible to the Borough Engineer, L. E. J. Reynolds (F) for the design and supervision of road improvements and for a £14 000 flood prevention scheme. Two years later he joined Luton Borough Council, becoming in 1938 Chief Engineering Assistant, responsible to the Borough Engineer, F. Oliver (M) for all design and supervision work undertaken by technical staff, including bridges, soil stabilized roads, sewerage and deep tunnel shelters to take 73 000



people. Thence in 1946 to Uxbridge Urban District Council, as Deputy to H. E. G. Stripp (M), Engineer and Surveyor. Here Gauntlett was in charge of the design and execution of road works, sewerage and housing, and for technical staff and employees.

So he continued until in 1949, a decisive point in his career, when he was appointed Deputy City Surveyor to Cardiff County Council, under E. C. Roberts (F), whose staff numbered 246 (with 1605 employees). In November 1964 he himself became City Engineer and Surveyor, with responsibilities which included roads, bridges, sewerage and public health services, structural design and maintenance of council houses and civic buildings, building inspection and traffic management. Rising to the occasion, he served the City of Cardiff with outstanding success and made a major contribution to its well-being: many felt the shock of his death at the comparatively early age of 59.

Harold Gauntlett was for many years a member of the Committee of the South Wales and Monmouthshire Association, of which he became Chairman in 1961. His paper, 'Creative Management', was read to the Association in 1954. He was a member of the Institution of Municipal Engineers and was twice awarded their Bronze Medal—in 1946 for his paper, 'Problems of soil stabilization and the scientific control of concrete for road works', and in 1969 for another paper, 'Management Communications'. Unfortunately this last award was made a month after his death and the Medal was sent to his widow. An associate member of the Town Planning Institute and of the British Institute of Management, he was a founder member of the Chartered Engineers, South Wales, took an active part in the formation in 1962 of the South Wales Committee of the Council of Engineering Institutions and from 1968–69 was Chairman of the Committee. In private life he did much to further the cause of the Methodist Church in South Wales.

Gauntlett was elected to corporate membership in 1936 and transferred to the senior grade in 1957.

He is survived by his widow and a son and daughter.