

# Physical Technical Talk on Innovative Road Pavement Design with Mechanically Stabilisation

Organised by: Highway and Transportation Engineering Technical Division (HTETD)

BEM Approved CDP: 2 Hours

Ref. No.: IEM25/HQ/179/T (w)



**22 May 2025 (Thursday)**



**5.30 pm – 7.30 pm**



**Auditorium Malakoff, Wisma IEM**



**Mr. Mike Dobie**



## Registration fee

**Student Member: Free**

**IEM Member: RM15.00**

**Non-Member: RM70.00**

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## Synopsis

The growing demand for durable and cost-effective road infrastructure has led to significant advancements in pavement design. One such innovation is the use of mechanical stabilisation techniques to enhance pavement performance and extend service life.

In this webinar, we will discuss how mechanical stabilisation is proven in research and incorporated into AASHTO flexible pavement design to optimise road performance. And provide insights into the benefits of mechanically stabilised layers (MSL), the role of geosynthetics in pavement stabilisation, and the latest methodologies for reducing material usage while improving pavement performance.

## Speaker's Biodata

Mr. Dobie is a geotechnical engineer with a civil engineering degree from Bristol University and a soil mechanics master's from Imperial College, London, is a Chartered Engineer and Fellow of the Institution of Civil Engineers (UK). With a career spanning since 1973, he has worked for WS Atkins & Partners, Delft Soil Mechanics Laboratory, Dames & Moore, and Acer Consultants. In 1991, he joined Tensar International and is currently the Regional Manager (Asia Pacific) in Jakarta, focusing on developing design methods and software for reinforced soil structures and mechanical stabilisation techniques.



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