RMS Bridge Load Assessment Process for Freight Vehicles

A presentation by

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Monday, 11 May 2015, 6.00pm (for 6:30pm start)
Engineers Australia Auditorium (Ground Floor), No 8 Thomas Street, Chatswood
Cost: Free; Registration: Please send an email to chapter_secretary@ieslnsw.org
CPD: Eligible for 1.5 CPD hours

Synopsis

An effective and reliable "Bridge Load Assessment Process For Freight Vehicles" is vital for the Roads & Maritime Services (RMS) to provide a viable, high performing and safe road network in NSW for all road users. This presentation will focus on how bridge load capacity assessment can be used to effectively manage an aging bridge asset particularly in an environment of increasing live loads. The discussion will include:

- Overview of Bridge Asset
- Load Assessment Methodology
- Network Assessment for Freight Vehicles and
- Bridge Load Testing Case Studies

Presenter

Wije Ariyaratne obtained an undergraduate engineering degree from the University of Ceylon, a Master of Engineering degree from the University of New South Wales, Australia and a Graduate Diploma in Business Management from Deakin University, Australia. He is a Fellow of Engineers Australia and an Adjunct Professor of Engineering at the University of Technology Sydney (UTS), Australia.

He has over 42 years of service with the Roads & Maritime Services of NSW, Australia (RMS) and its predecessors and has a very wide experience in bridge engineering covering design, construction, maintenance, operations, asset management, structural health monitoring and load testing.

He is the Principal Engineer - Bridges and has been leading RTA/RMS Bridge Engineering since 2000.

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