**bearing capacity measurements through continious compaction control Roller, bearing plate and light falling weight deflectometer**

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| Load bearing and compaction testing of pavement layer using the continuous compaction control (CCC) rollers through a validation process using the bearing plate, light falling weight deflectometer and Benkelman Beam. The presentation will include various field case studies whereby a correlation is determined between various bearing capacity test equipment and intelligent compaction equipment. The purpose of the research is for NZTA to complete a specification for CCC rollers to control, monitor/report on the total pavement compacted area as well as minimum performance criteria for various pavement layers. |