

ABSTRACT SUBMISSION FORM

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Paper Details:

Presentation title:	Best Practice in Pavement Design: What is it?
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Overview of Presentation

The purpose of the paper is to share knowledge, stimulate discussion about a number of pavement design issues, and discuss a practical methodology for translating materials' knowledge and research into design and construction to achieve clients' expectations of pavement performance. The paper reviews a number of concepts, such as subgrade and asphalt strain criteria, terminal condition and performance indicators, and brings together a range of information from research and in-service case studies of achieving quality, performance and value for money with a pragmatic design approach. For example, one of the reasons why structural asphalt pavements are not used more widely in NZ is because there is confusion about what constitutes fatigue cracking; the paper will describe the historical development of the critical strain-performance relationships and their application. The paper argues how a more holistic approach to pavement design and construction will improve performance and generate life cycle savings for the road authorities.