

**A one day conference addressing topical
issues surrounding pavement assessment**

DIPPA

11

**Developments in
Pavement Assessment**

**July 12th 2011
Midlands Engineering Centre
Austin Court, Birmingham**

Fugro Aperio



Developments in Pavement Assessment

Your essential update

At a time when the pressure is on to patch every pothole and get through to next year, is it possible to take a longer term view? This year's speakers will describe various developments and projects where an innovative approach has squeezed better value from budgets and facilitated wider benefits beyond the day to day remit of pavement management.

In its eleventh year, the event remains unique in the highways calendar as the place to learn about policy, best practice and developments in technical surveys and pavement management. Topics include innovation in local authority asset management, material performance, pavement testing, and the link between road condition and safety. Speakers include respected figures from local government, consultancies and data collection specialists who will address the numerous challenges facing highways managers.

You should attend if you are involved in pavement assessment, maintenance or management.

An event organised by
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Fugro Aperio Limited
Focal Point, Newmarket Road
Bottisham, Cambridge CB25 9BD
0870 600 8050
info@fugro-aperio.com
www.fugro-aperio.com

09:50 Chairman's Introduction

Ro Cartwright, Independent Consultant, Linhay Consultancy

Introduction to the morning session and brief update on the SCANNER accreditation process.

10:10 Never waste a good crisis

Matthew Lugg, Director of Environment & Transport for Leicestershire CC

The dust has settled on the comprehensive spending review and local authorities face challenging capital and revenue budget reductions. Now is the time to ensure we make the best use of our limited resources. The Highway Maintenance Efficiency Programme launched in April will help local authorities drive through innovation, best practice and efficiencies.

The £200m made available to tackle the 'potholes' created by recent winters is welcomed but questions need to be asked about the level of winter damage: are the products we have been using durable and resilient enough? are we doing the basics right, checking workmanship, sealing our roads and avoiding the frost penetrating the surface in the first place?

We must ensure we learn the lessons.

10: 35 Questions**10:50 Coffee and exhibition****11:20 Lifecycle planning and valuation for highways assets**

Andy Pickett, Director, Appia Infrastructure Solutions and Harry Godwin, Senior Engineer, Leicestershire County Council

An update on the work of HAMFIG and other groups supporting local authorities. Examples to show how an asset management planning approach provides better financial information for reporting and management.

11.55 Blackpool HAMP project, life after PMS – integrating all road data into a single transparent application to help the user

Steve Birdsall, Managing Director, Gaist Ltd

An overview of the innovative approach to asset management taken in Blackpool and how it was rewarded in the Element 2 round of funding. The web-based geographic information platform developed in Blackpool to help highways asset managers has rapidly evolved into a system used by other agencies, such as the emergency services and by other UK local authorities.

12:20 CALTRANS – meeting the challenge, delivering the benefits

William Throssel, Technical Manager, Fugro Aperio

Budgets are tight the world over – even in California. However, in these straitened times California Department of Transport (CALTRANS) have made a continued commitment to invest in the management of their roads, starting with new fixed referencing of the 81,000 km state network based on common construction. The approach pushes the limits of the technologies involved, so what is the rationale behind the investment, what are the challenges in delivering a project of this size and how have they been resolved?

12:45 Questions**13:00 Lunch & exhibition**

14:00 Chairman's introduction

Ramesh Sinhal, Head of Pavements, Highway Agency

Introduction to the afternoon session.

14.05 Progress on Traffic Speed Deflectometer

Roger Fairclough, Highways Agency

A review of the evolving processes applied to Traffic Speed Deflectometer survey data. An update on the current status of the Highways Agency's survey programme.

14.30 A review of current research into failure of thin surfacing

Donald Burton, Pavement Adviser, Highways Agency

A review of the current knowledge of thin surfacing, including expected life spans, modes of failure, and factors that contribute to durability. An overview of the ongoing research that the HA is conducting to predict the remaining life in a thin surface and a summary of the advice the HA will be issuing to its maintaining agents.

14:55 Questions**15:05 Coffee & exhibition****15:35 New research into pavement condition and driver reaction**

Omar Smadi, RIMOS Director and Research Scientist, Center for Transportation Research and Education, Iowa State University

An overview of the SHRP2 naturalistic driving study (NDS) focusing on the relationship between driver, driver behaviour, and roadway information including condition. The presentation will cover the NDS data collected covering sensor and camera data, as well as the collection of roadway information. The presentation will cover the process of selecting key roadway data elements, data collection, evaluation of data collection vendors and database management.

16:00 Risk and liability: road safety and pavement condition

Alex Luck, Principal, A Luck Associates

Road pavement condition is one of the factors regularly investigated by police after a fatal or life-threatening collision. An overview of the police investigation process, with particular regard to pavement condition, and the implications for highway managers with responsibility for this asset.

16:25 Questions**16:40 Close**

Please complete this form and send to:

Alice Noyes
Fugro Aperio Limited
Focal Point
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or download another copy or book your place online at
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I require a vegetarian meal YES NO

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The cost of the event is **£180 plus VAT**.

Payment to be made by cheque payable to Fugro Aperio Limited
or BACS (details on request). Credit cards cannot be accepted.
Receipt of purchase order or payment will secure your place.

Price includes your place, lunch, refreshments and delegate pack.

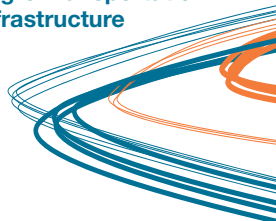
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contact Alice Noyes (a.noyes@fugro-aperio.com)
or Simon Brightwell
Tel: 0870 600 80 50
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All cancellations **MUST** be confirmed in writing by no later than June 28th 2011 for a refund less £30 cancellation fee. No refunds will be made for cancellations after this date. A substitute delegate may be sent, in which case no cancellation charges will apply. It may be necessary for reasons beyond the control of Fugro Aperio Limited to alter the content and timing of the programme or the location of the event.



An aerial, slightly blurred photograph of a multi-lane highway. In the foreground, a large white scanning vehicle is visible, moving along the road. The road is filled with traffic, and the surrounding landscape is hilly and green. The overall tone is muted and professional.

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