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www.aapa.asn.au

Merry Christmas from the AAPA Board, Branches and Staff

Another year has nearly gone and we are just entering the Christmas and new year holiday season.

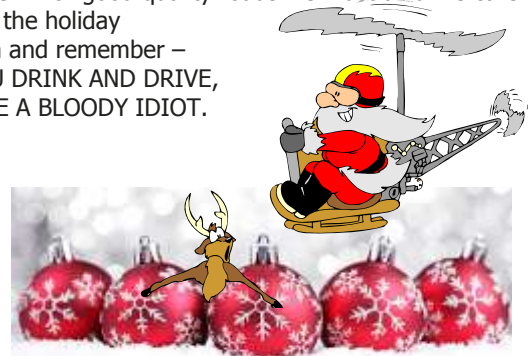
Australia is a great melting pot of different people with different religions and beliefs. Christmas is a joyous season, a time to give thanks for the benefits we have in our great country. It is a time for family, Santa Claus and a time to give and receive presents. It is also a time to celebrate the end of one year and the start of another.

On behalf of the AAPA Board, Branches and staff I wish you and your family a very safe Christmas and hope that 2012 is going to be a great year.

One thing that we can all be certain of is that quality pavements will remain in demand during 2012 as they were in 2011 so our industry should look forward to another good year.

Well made and maintained roads provide the safe travel within our cities and across our whole country.

But even with good quality roads we must all drive carefully during the holiday season and remember – **IF YOU DRINK AND DRIVE, YOU'RE A BLOODY IDIOT.**



Asphalt Pavement Solutions – for Life

One highlight for our industry during 2011 has been the successful work investigating the design of pavements for perpetual life. That is pavements that last indefinitely without wasting materials through over-design.

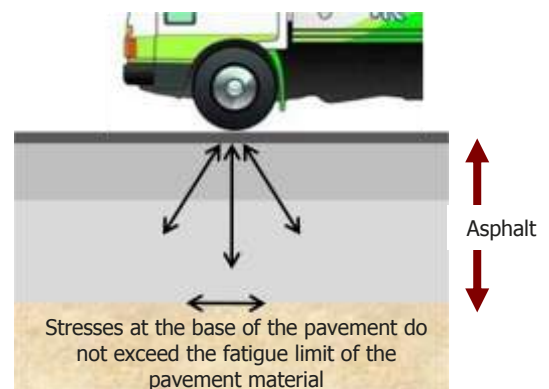
This perpetual pavement design approach ensures that the fatigue endurance limit at the base of the pavement is not exceeded so that the pavement will never fail from the bottom up.

Any failures will therefore occur from the top down and this can be easily and quickly milled off and replaced every 15 to 20 years.

This approach is used in both Europe and the US.

The Asphalt Pavement Solutions – for Life project is comparing Australian asphalt mix characteristics to US mixes so that research and field data available overseas can be used to enhance Australian designs. Work has also commenced to include this approach in the CIRCLY pavement design program.

This project is being funded by AAPA but is being undertaken with the cooperation and guidance of Austroads and ARRB. This will assist in achieving any necessary amendments to the Austroads guidelines to allow for perpetual pavement designs.



Information on the Asphalt Pavement Solutions – for Life will be provided in the next edition of Asphalt Review. Alternatively contact the AAPA NSW Regional Executive Dougall Broadfoot dougall.broadfoot@aapa.asn.au or phone 02 8843 1352.

AAPA 14th International Flexible Pavements Conference

AAPA's 14th International Flexible Pavement Conference was held in Sydney in September. It was an outstanding success with speakers covering a wide range of current and significant topics.

Copies of the presentations are available for download from the AAPA website.



Copies of the Conference proceedings are available for free download from the AAPA website. www.aapa.asn.au

Focus on Maintenance

It makes a good news story when a government funds a new road. When it is opened it is also good news. But road maintenance is just as important, in fact I would say that it is more important.

Road maintenance ensures that the road surface remains safe and comfortable. A well maintained road reduces the fuel consumption of vehicles using that road. It also costs a lot less to maintain a good surface than to repair or replace a badly deteriorated road.

Promoting timely road maintenance is therefore a key strategy to maximise the benefits of our road network.

Road maintenance provides a regular activity for our industry. This is important, particularly at a time when companies such as BIS Shrapnel are forecasting a sharp decline in the Australia road construction sector after 2011/12 (*Road Construction in Australia 2011 to 2026*)

Comments made by Michael Deegan, CEO of Infrastructure Australia at a Roads Australia meeting are therefore very relevant to our industry. At this meeting he advised that the challenge of addressing Australia's road funding gap has to begin with a transparent, mandatory national road assets reporting scheme. Without a mandatory reporting scheme Governments will not be able to assess the true funding shortfalls.

It is important for our industry to support accurate reporting of road conditions and to promote timely road maintenance.



For information on the BIS Shrapnel Report refer to http://www.bis.com.au/news/rca_2011.html/section/34.
For information on Roads Australia refer to its website www.roads.org.au.

New AAPA Project – Safe Speed around Worksites

In the last edition of *Asphalt News* we were reminded that work site safety is a major issue for all AAPA members. Not that we needed reminding as we all know the importance of safety.

As part of continually seeking to improve safety, the AAPA Board has commenced a project to better understand the relationship between safety and the speed of passing motorists around worksites, particularly short term temporary worksites.

This information will then support the development of strategies to better manage speed and increase safety for workers and the passing public.

This project is to be undertaken by a project manager seconded from one of the state road authorities. He or she will work with all key stakeholders such as the police, traffic management organisations, work safety authorities and other construction agencies.

The Board recognises that the proposed study is addressing just one aspect of safety, namely speed of passing motorists. But by collating information held by the different organisations and conducting studies as necessary, AAPA will be able to work with relevant authorities and our industry to improve safety.



Austrroads/AAPA PMB Trial

It has been many years since a major trial has been conducted on Australian Polymer Modified Binders (PMB). Austrroads, on the advice of the joint AAPA/State Road Authority Bituminous Surfacing Research Reference Group therefore determined to conduct a trial of PMBs.

As a first step, Austrroads with support from AAPA has placed 8 different PMBs on a section of the Stuart Highway near Cooper Pedy in South Australia. This pavement will be monitored by ARRB over a period of at least 5 years.

Austrroads identified a range of different PMBs to be trialed. Also AAPA members offered additional binders. As a result, 8 different binders were placed at the site using two different application rates for each material.

The site was part of an 11 kilometre section of highway that was to be resealed under the SA Department of Planning, Transport and Infrastructure program. The trial sections were each 500 metres long making a total test section of 4 kilometres.

Downer Australia was contracted to place the seal over the full 11 kilometres. The additional seals were provided by AAPA members Shell, BP and SAMI.

A second part to this project will be the placing of PMBs at a site located close to Cooma in NSW. This is to occur at the end of January 2012

This project will provide valuable information on current PMBs in Australia. It also highlights the value of AAPA, government and industry members working together.



Walter Holtrop and Barry Mulholland at the Cooper Pedy test site

Information on this project will be included in the February/March edition of *Asphalt Review*. This will be sent to members and available for download on the AAPA website. www.aapa.asn.au.

VALE - Ken Mackenzie

Inaugural Executive Officer & AAPA Life Member

For those of you who were involved in the early days of AAPA and in the development of the industry in the 60s, 70s and 80s you will be saddened to hear of the passing of Ken Mackenzie. Ken died peacefully on Sunday November 27, at the age of 87.

In the late 1960's Ken, while still employed with the Shell Company of Australia became the Australian Asphalt Pavement Association's (AAPA) inaugural Executive Officer. In 1972 he was seconded from Shell to take up the full-time position as the first AAPA Executive Director.

His dedication and capabilities firmly established AAPA as a respected trade association both in Australia and overseas.

Ray Farrelly, who took over from Ken as Chief Executive of AAPA, said that AAPA remains indebted to Ken Mackenzie for providing the solid foundations on which the Association has flourished.

Ray has also written about Ken and this will be in the next edition of Asphalt Review.

On behalf of all those in our industry who knew Ken and on behalf of those many more who have gained considerably from his work in establishing AAPA, I say thank you.



AAPA 2012 Training Calendar Available

Each Year AAPA offers a range of directly relevant industry training courses. These cover areas such as asphalt placement and compaction, spray seal selection and design and working safely with bitumen.

AAPA offers these courses in both city and country areas and a list of the courses being offered in 2012 is available on the AAPA website.

Note that if a company requires a particular course at a time or place to suit their own needs AAPA also offers customised courses.

To inquire about courses or customised courses please contact the AAPA Training Centre.

To find out more about AAPA courses and to view the 2012 calendar of courses refer to the AAPA website www.aapa.asn.au

To book a course, refer to the AAPA website. *Note the AAPA website is currently being redeveloped so that delegates and companies can efficiently book on line in the near future.*



AAPA Study Tours

The 2011 Study Tour to South Africa held in conjunction with the CAPSA'11 conference was an outstanding success.

It was led by AAPA Qld Regional Executive Rob Vos from 3 to 19 September 2011 and addressed the following areas:

- Surface treatments
- Binders
- Improving pavement performance
- Sustainability

Information on the Study Tour including copies of the tour reports can be downloaded from the AAPA website.

AAPA is currently commencing arrangements for its 2012 study tour. This will be to Europe and will be held in conjunction with the Eurobitume and Euroasphalt Conference in June 2012.

For copies of reports from the 2011 Study Tour to South Africa refer to the AAPA website www.aapa.asn.au

If you are interested in participating in the 2012 study tour contact Rob Vos robert.vos@aapa.asn.au or phone (07) 3870 2644; (mob) 0414 533 481

For information about the Eurobitume, Euroasphalt Congress <http://www.eecongress2012.org/>

If you are interested in attending contact Rob Vos to help identify the priority issues to be addressed. In this way AAPA can ensure that contacts are made with the relevant people and organisations to maximise the value of the Tour.



AAPA Vacancy Principal Trainer and Technical Advisor

Walter Holtrop is finally retiring and we are looking for someone to take his place as the principal AAPA Trainer. This person will be responsible for providing professional technical training courses nationally in key areas pertaining to bituminous surfacing.

Obviously to fulfil this role you must have a detailed understanding of sprayed sealing and/or asphalt technology, design and practices gained through practical experience.

You must also be able to present training courses, although some support will be given in this area if necessary.

For further information refer to the [Position Description](#) or contact John Lambert Chief Executive.

For further information and a copy of the position description refer to the AAPA website www.aapa.asn.au or contact John Lambert on 03 9853 3595 Mobile: 0419 822 114; Email: john.lambert@aapa.asn.au



Conferences and Events 2012

22-26 Jan	Transportation Research Board (TRB) 91st Annual Meeting 2012	Washington DC, USA	http://www.trb.org
28-29 Feb	Pavement Test Track Conference – National Center for Asphalt Technology	Alabama USA	www.ncat.us
6-7 Mar	7th Australian Road Engineering and Maintenance Conference 2012	Melbourne, Victoria	www.roadconference.com.au
8-9 Mar	8th Annual Australian Roads Summit 2012: Connect	Melbourne, Victoria	www.acevents.com.au/roads2012
13-15 Mar	World of Asphalt 2012 – Show & Conference	Charlotte, North Carolina	www.worldofasphalt.com/
13-15 Apr	Bridges Australia	Brisbane Qld	www.bridgesaustralia.com.au
13-15 Jun	5th Eurasphalt & Eurobitume Congress	Istanbul, Turkey	
20-22 Jun	7th RILEM International Conference on Cracking in Pavements 2012	Delft, The Netherlands	http://www.rilem2012.org/
19-22 Sep	7th Symposium on Pavement Surface Characteristics: SURF 2012	Norfolk, Virginia, USA	http://www.trb.org
25-28 Sep	25th ARRB Conference 2012	Perth, Western Australia	www.arrb.com.au
Sep/Oct (to be confirmed)	AAPA Health and Safety Conference	Melbourne, Australia	www.aapa.asn.au
23-26 Oct	Asphalt Rubber 2012 (AR 2012): Roads of the Future	Munich, Germany	www.consulpav.com/ar2012/index.html

Driveway Bandits – Travelling Conmen

Many of you will be aware that there are people in our community offering cheap paving jobs for immediate cash. They travel from door to door offering cheap immediate work for cash. Often they say they have left over materials from another job. They then do very substandard work. These conmen particularly prey on the elderly, threatening them unless they pay immediately and frequently demand more money than what they originally quoted.

These bandits not only offer substandard asphalt work, they also offer cheap tree felling, roof repairs, painting and a range of other work, all for immediate cash. Like the asphalt work, this work is substandard with no insurance or consideration for relevant laws.

Recognising the impact on our community, the governments of Australia have established a national hotline to report travelling conmen. If you come across any of them please note vehicle registrations etc and contact the hotline immediately.

The Hot Line number is: 1300 133 408

And of course if these conmen want to buy materials from you such as bitumen, asphalt or aggregate – don't sell to them. You will only be harming our industry and supporting people who take advantage of unsuspecting members of the community.

Remember, the people these people prey on could be one of your elderly relations and their actions discredit our industry.

For further information including links to each of the State's Consumer Affairs agencies refer to the AAPA website.

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