

www.AsphaltAlliance.com

ASPHALT PAVEMENT ALLIANCE

2004

Roger Sandberg Vice President Technology & Market Development National Asphalt Pavement Association

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Why was the Asphalt Pavement Alliance



formed?



American Concrete Pavement Association Creating More Demand For Concrete Pavement

Iowa Concrete Paving Association September 9, 1998

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Who is the Alliance?





ASPHALT INSTITUTE



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Mission Statement

The Asphalt Pavement Alliance is a coalition of the Asphalt Institute, the National Asphalt Pavement Association, and the State Asphalt Pavement Associations.

The Asphalt Pavement Alliance's mission is to further the use and quality of Hot Mix Asphalt pavements. The Alliance will accomplish this through research, technology transfer, engineering, education and innovation.

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What has the Alliance been doing?

- Tool kits in eight technical areas
 Assistance to State APA's
 Representing the industry at meetings
 Technical papers
 Ads and job stories in industry publics
- Ads and job stories in industry publications
- Research funding
- Web Site www.AsphaltAlliance.com
- Product Showcases
- Producing Product Video's
- **Asphalt Pavement Conference at World of Asphalt**[®]
 - Seminars and regional meetings

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Tool Kits





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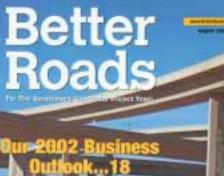




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The Rubblization Solution

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Asphalt Reconstruction of the Atlanta Beltway



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Literature



PERPETUAL PAVEMENT:

Structured for the Future



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ASPHALT WINS!

Maryland Intersection Contest Results In Clear Winner: ASPHALT

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Computer Program CD-ROM

Life Cycle Cost Analysis Program

See readme file for installation

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THE SMOOTH RIDE

BEAT CONSTRUCTION STRESS. USE ASPHALT



REDUCE CONSTRUCTION STRESS

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Interactive CD's



What if roads could last a lifetime? With PERPETUAL PAVEMENT they can!

Check out this CO ROM to learn more about the latest innovation in asphalt paving.



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Web Site





www.AsphaltAlliance.com

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Trade Shows





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Pavement Comparison

Smoothness
 Recyclability
 Pavement noise
 Speed of construction
 Rubblization
 Versatility
 Pavement life
 Life-Cycle-Cost



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Smoothness



#1 issue with the traveling public
Measure of quality
Hidden benefits



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Hot-Mix Asphalt is # 1 80.3 million tons per year

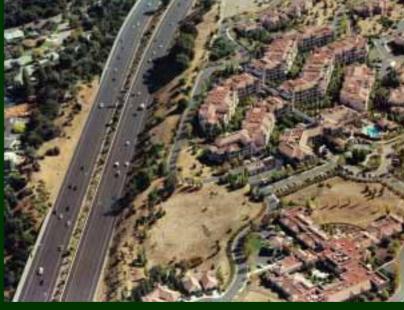


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Pavement Noise



Major emerging issue
 U.K. is overlaying pcc pavements with HMA
 Neighborhood issue
 Arizona DOT



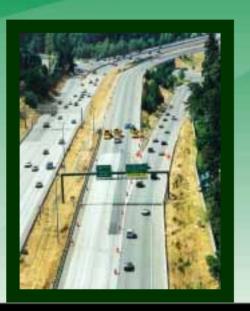
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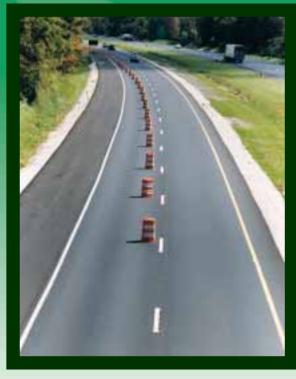


Construction

#2 issue with the public
"Get in - Stay in / Get out - Stay out"
Atlanta Beltway







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Rubblization



Excellent technique for pavement rehab
 Major technique in Arkansas and Louisiana
 Proven in several States







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Wide variety of application Ability to design for specific application



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New LCC cost program from Alliance Kansas Study

Life Cycle Cost Analysis Program See readme file for installation

EVALUATION OF EXPENDITURES ON RURAL INTERSTATE PAVEMENTS IN KANSAS

Executive Summary

Stephen A. Cross, P.E. Associate Professor University of Kansas Lawrence, Kansas

and

Robert L. Parsons, P.E. Assistant Professor University of Kansas Lawrence, Kansas

Kansas University Transportation Center University of Kansas Lawrence, Kansas

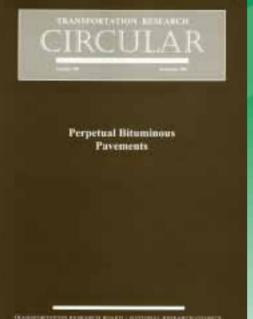
August 2001

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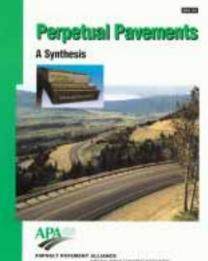


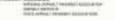


Perpetual Pavements



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PERPETUAL PARAMENT AWARD



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WHO WINS?



		HMA	Concrete
	Smoothness	<u>Ø</u>	99
	Recyclability	<u> </u>	<u>99</u>
•	Pavement Noise	<u> </u>	
	Speed of Construction	<u>Ó</u>	<u>99</u>
	Rubblization	<u>()</u>	<u>A</u>
	Versatility	, Ś	Ŕ
•	Life-Cycle-Cost	?	?
	Pavement Life	?	?

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ASPHALT WINS.



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Alliance Activities

Three showcases

Perpetual Pavement Kansas Rubblization — I-295 in NJ Pavement Noise — San Antonio, TX

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New Publication

Pavement Type Selection Processes

A Position Paper by The Asphalt Pavement Alliance

Local assistance and regional meetings

APA

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MARK YOUR CALENDARS

World of Asphalt[®] Show & Conference March 15 - 18, 2004

NCAT International Symposium June 7 - 9, 2004

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