



**Transportation
Research Board**

Committee on Sealants and Fillers for Joints and Cracks (A3C13)

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News

Dr John Bugler of the New York State Department of Transportation has been named TRB Emeritus Member after his contribution to TRB and to the understanding of joint performance in Portland cement concrete pavements. Dr. Bugler is nationally and internationally recognized for his work on joint sealants. Throughout his career he worked to advance the concept of cost effectiveness and worked towards the implementation of pavement rehabilitation and preservation techniques.

The FHWA has released an Application Note entitled "Using LTPPBind V2.1 to Improve Crack Sealing in Asphalt Concrete Pavements". FHWA contact is Antonio Nieves, 202/493-3074.

LTSvideo developed a 10 min video on crack and joint sealing. This video was developed with funding from FHWA , FPP, and Industry for use in the Crack Sealing Module of NHI Course -- Design and Construction of Quality Pavement Preventive Maintenance Treatments, which is currently being developed by Dave Peshkin of Applied Pavement Technology. It is not a "stand alone" video, but is to be used in conjunction with the written course materials to help participants visualize procedures.

Texas DOT and the University of Texas in Austin have released a training video on crack sealing. For details see www.utctee.org or The Airport Cooperative Research Program (ACRP) has been instituted to address airport related problems not already addressed by the FAA. Details can be found at www.trb.org/acrp.

Three papers were presented at the 83rd Annual Meeting of the TRB in January 2004:

Temperature control of hot-poured sealants during installation, J-F. Masson, P. Collins, M. Lowery, National Research Council of Canada

<http://irc.nrc-cnrc.gc.ca/uir/ur/trb/docs/SealantTcontrol04-2555.pdf>

Joint sealant and structure performance at Ohio Route 50 test pavement, A. Ionnides, A. R. Long, I. A. Minkarah, University of Cincinnati

<http://irc.nrc-cnrc.gc.ca/uir/ur/trb/docs/OhioRoute50test04-2990.pdf>

Design of experiment to evaluate the effectiveness of crack sealing on pavement serviceability and life, A. Rajagopal, I. A. Minkarah., University of Cincinnati, R. Green, and A. A. Morse, Ohio Department of Transportation

<http://irc.nrc-cnrc.gc.ca/uir/ur/trb/docs/CSeffectiveness04-2870.pdf>

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