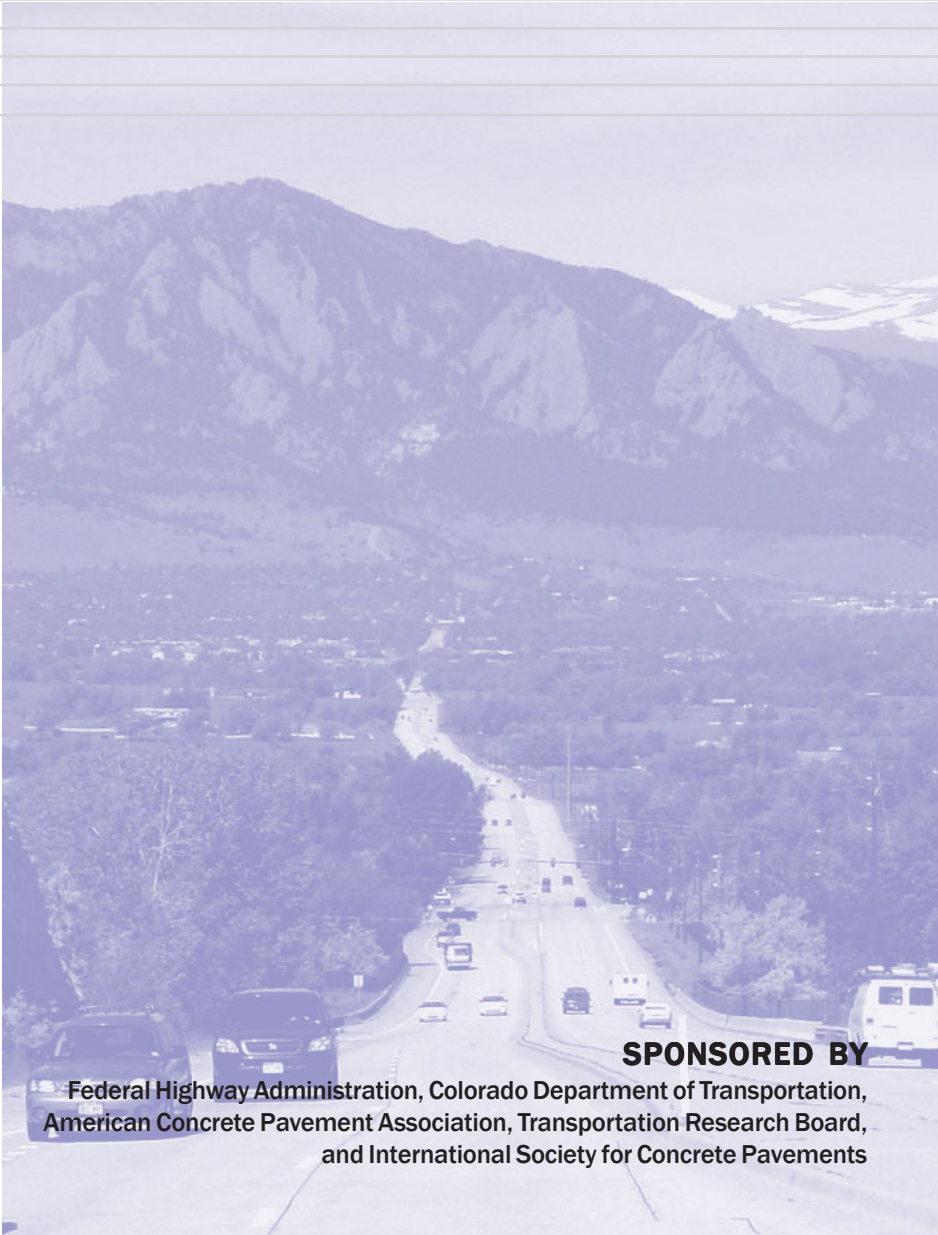


APRIL 12 - 15, 2005 DENVER, COLORADO



**International
Conference on
Best Practices for
ULTRATHIN and THIN Whitetoppings**



SPONSORED BY

Federal Highway Administration, Colorado Department of Transportation,
American Concrete Pavement Association, Transportation Research Board,
and International Society for Concrete Pavements

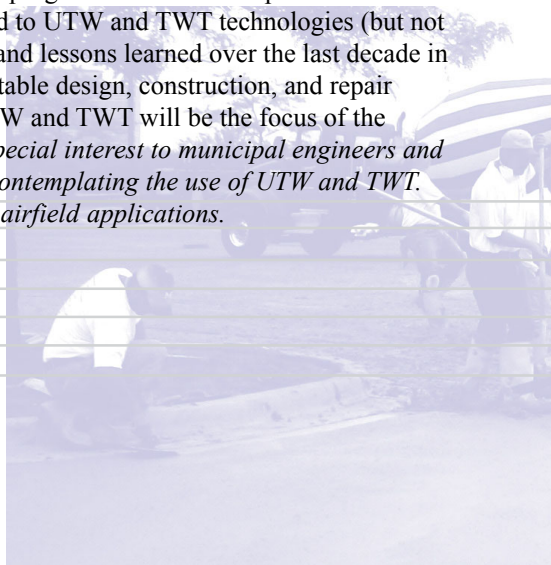
BACKGROUND

Whitetopping is referred to as the resurfacing of an existing distressed asphalt pavement with concrete. Conventional whitetopping (conventional concrete pavement placed directly over an existing asphalt pavement) has a long history of use, and the practice is well established. However, the whitetopping techniques that depend on the bond between the concrete resurfacing and the existing asphalt pavement surface (typically milled) are of recent origin and involve thinner concrete resurfacing and different jointing patterns. The bonded whitetoppings are categorized as ultrathin whitetopping (UTW), concrete surface thickness ranging from 51 to 102 mm (2 to 4 in), and thin whitetopping (TWT), concrete surface thickness ranging from 102 to 152 mm (4 to 6 in).

The first UTW demonstration project in the United States was constructed in 1991. Since then, the use of UTW and TWT has exhibited significant growth in the United States and in other countries. For specific applications and service life requirements, well-designed and well-constructed UTW and TWT appear to provide satisfactory performance. This conference, organized as part of the Federal Highway Administration's Concrete Pavement Technology Program, will provide an international forum to review the progress in UTW and TWT technologies since 1992 and to help identify the best practices for candidate project selection and design, construction, and repair of UTWs and TWTs.

SCOPE

This Best Practices conference is targeted at pavement engineering and construction professionals who are involved in various aspects of pavement design, construction, testing and evaluation, and rehabilitation. These professionals include Federal, State, and municipal engineers, consulting engineers, contractors, materials-suppliers, and academia. The conference program will consist of presentations and discussions on new developments related to UTW and TWT technologies (but not conventional whitetopping technology) and lessons learned over the last decade in the use of these technologies. Implementable design, construction, and repair techniques that result in long-lasting UTW and TWT will be the focus of the conference. *This conference will be of special interest to municipal engineers and related professionals who are using or contemplating the use of UTW and TWT. There will also be a session directed at airfield applications.*



CONFERENCE TOPICS

Papers and conference presentations are solicited both nationally and internationally on a wide range of topics dealing with UTW and TWT innovations, including (but not limited to) selecting the right projects for UTW and TWT; pavement analysis and design; construction; concrete materials for UTW and TWT; pavement performance; successful jointing patterns; and whitetopping repair and rehabilitation. Papers and presentations dealing with emerging topics related to UTW and TWT are also encouraged. Papers and presentations dealing with all aspects of UTW and TWT technology, technology transfer, and forensic topics are encouraged as well.

Selection of papers will be based on near-term applicability to practice. As such, the conference is expected to be of significant benefit to practicing engineers and construction professionals. The presentations will include the most comprehensive coverage on UTW and TWT technologies.

PRELIMINARY PROGRAM

Tuesday, April 12, 2005

Reception 6:00 - 7:30 p.m.

Wednesday, April 13, 2005

Plenary Session 8:30 - 10:00 a.m.

Technical Session 1 10:30 - 12:00 a.m.

Group Lunch 12:00 a.m. - 1:30 p.m.

Technical Session 2 1:30 - 3:00 p.m.

Technical Session 3 3:30 - 5:00 p.m.

Reception and Group Dinner 6:00 p.m.

Thursday, April 14, 2005

Technical Session 4 8:30 - 10:00 a.m.

Technical Session 5 10:30 - 12:00 a.m.

Group Lunch 12:00 a.m. - 1:30 p.m.

Technical Session 6 1:30 - 3:00 p.m.

Technical Session 7 3:30 - 5:00 p.m.

Friday, April 15, 2005

Two additional Technical Sessions
(if necessary) and Site Visits/Workshop (morning)

Conference registration will be limited to the first 300 registrants. If pre-registration reaches 300, there will be no onsite registration. So, please register early!

PAPER SUBMISSION AND PEER REVIEW

Paper acceptance will be based on peer review of manuscripts. The presentation and manuscript must not be of a commercial nature, and must not have been previously published. Papers will be limited to the least of 7,500 words or 25 pages. Each table and figure will count as 250 words. Review copies should be submitted as a PDF file or as an MS Word document, either format not to exceed 10 MB in size. Papers should be prepared using Times Roman 12 pt font, single-spaced. The final paper copy will be submitted as a Word document not to exceed 10 MB in size.

The papers will be reviewed by the Technical Program Subcommittee of the Conference Steering Committee. Final selection will be made after the completed papers have been reviewed. All papers selected for presentation at the conference will be distributed to conference attendees on a CD.

A limited number of presentations without a paper will also be accepted. However, a one-page abstract providing details related to the presentation topic and presenter information must be submitted by the due dates established.

For papers to be included in the conference proceedings and the final program, all primary authors or presenters will need to pre-register.

Paper/Abstract/Presentation Submission Due Dates

December 1, 2004	Completed papers/abstracts due for review
January 15, 2005	Review completed, authors/presenters notified of disposition of their papers/presentations
March 1, 2005	Electronic versions of final papers/abstracts and presentations due

Accepted presentations (MS PowerPoint) must be received by March 1, 2005, to be included in the final program, without any exceptions. No presentation substitutions will be accepted onsite.

Submit Papers/Presentation Abstracts to:

Seungwook Lim
Construction Technology Laboratories, Inc.
5565 Sterrett Place, Suite 312
Columbia, MD 21044 USA
Phone: 410-997-0400; Fax: 410-997-8480
e-mail: swlim@ctlgroup.com

FOR ADDITIONAL INFORMATION, CONTACT:

Shiraz Tayabji
Construction Technology Laboratories, Inc.
5565 Sterrett Place, Suite 312
Columbia, MD 21044 USA
Phone: 410-997-0400; Fax: 410-997-8480
e-mail: stayabji@ctlgroup.com

CONFERENCE STEERING COMMITTEE

Ahmad Ardani, Chair; Colorado Department of Transportation

Mike Ayers, American Concrete Pavement Association

Tom Harman, Federal Highway Administration

Bernie Kuta, Federal Highway Administration

Kurt Smith, Applied Pavement Technology, Inc.

Shiraz Tayabji, Construction Technology Laboratories, Inc.

Sam Tyson, Federal Highway Administration

Julie Vandebossche, University of Pittsburgh

Ron Youngman, Colorado-Wyoming Chapter,
American Concrete Pavement Association

CONFERENCE HOST

The Colorado Local Technical Assistance Program (LTAP) will host the conference, providing registration and logistical support. Visit the Colorado LTAP's Web site at <http://ltap.colorado.edu> for details.

The Colorado LTAP is sponsored by the Federal Highway Administration, the Colorado Department of Transportation, and the University of Colorado at Boulder.

WHAT IS LTAP?

The Local Technical Assistance Program (LTAP) and Tribal Technical Assistance Program (TTAP) help local transportation agencies learn about improving and maintaining their roads, using innovative methods and materials, and finding ways to work smarter. LTAP is a national network of 57 technology transfer centers serving local governments, with a center in each State and in Puerto Rico and six regional centers serving tribal governments. LTAP's mission is to foster a safe, efficient, environmentally sound transportation system by improving the skill and knowledge of local transportation providers through training programs, demonstrations, an information clearinghouse, technology updates, personalized technical assistance, and newsletters.

The LTAP network is funded by the Federal Highway Administration and matching funds from State governments, universities, State highway agencies, and other organizations.

CONFERENCE HOTEL

The conference will be held at the Hilton Denver Tech South in Englewood, Colorado, located in the heart of the Denver Tech Center and Greenwood Village. Just minutes from downtown Denver, the hotel has easy freeway access to I-25 and is only 35 minutes from Denver International Airport. A room block has been reserved for conference attendees at a discounted rate of US \$89.00, single or double occupancy, plus occupancy taxes of 9.95 percent (subject to change without notice).

To ensure receiving the special convention rate, individuals should call the hotel directly at 303-779-6161 or 800-327-2242 or e-mail denhs_reservations@hilton.com by *March 29, 2005*, and must identify themselves as being with the “Concrete Conference” when making their reservations. E-mails must include the following:

- *Request for the Concrete Conference rate*
- Arrival date, departure date
- Number of rooms, request king bed or two double beds (this is a request)
- Number of adults per room
- Request smoking or nonsmoking (this is a request)
- Address and phone
- Credit card type, number, and expiration date

A credit card is required at the time of booking to guarantee reservations. To avoid penalties, cancellation must be made 24 hours in advance of arrival.

Please reserve your rooms as early as possible. Once the room block is filled, the discounted room rate, or a room at the hotel, may not be available.

Denver is one of the most exciting young cities in the Nation, with three new sports stadiums and more than a billion dollars in new attractions—from a world-class aquarium to massive downtown entertainment complexes. And the Rocky Mountains, one of the Nation’s most popular vacation destinations, are right next door for pre- and post-conference visits.

The Hilton Denver Tech South is conveniently located to many attractions:

Colorado History Museum

Coors Brewery

Coors Field

Denver Art Museum

Denver Zoo

Elitch Gardens

Invesco Field at Mile High

Museum of Natural History

Pepsi Center

Six Flags Elitch Amusement Park

and more.

CONFERENCE REGISTRATION FORM

NAME _____

COMPANY NAME _____

ADDRESS _____

CITY, STATE _____ ZIP _____

COUNTRY _____

PHONE _____ FAX _____

E-MAIL ADDRESS _____

I require auxiliary aids or services due to a disability. Please contact me at the above address.

FEES—CHECK ONE

By February 15, 2005:

- \$200 General registration
- \$150 Government and academia (U.S. only)
- \$150 Authors and presenters
- \$100 Students

After February 15, 2005:

- \$250 General registration
- \$200 Government and academia (U.S. only)
- \$200 Authors and presenters
- \$150 Students

Payment must accompany registration. Registrations without payment will not be processed.
Cancellation Policy: Registration refund will be made only if cancellation is received by March 15, 2005.

- Check/Money order enclosed payable to University of Colorado \$ _____
- Visa Mastercard \$ _____

Note: Colorado Local Technical Assistance Program will appear as the charging organization on credit card statements.

ACCOUNT NUMBER _____

CCID* _____ EXP DATE _____

ACCOUNT NAME _____

AUTHORIZED SIGNATURE _____

Mail or fax completed form to Colorado LTAP:

Colorado LTAP
3100 Marine Street, Room A-213
UCB 561
Boulder, CO 80309
Phone: 303-735-3530
Fax: 303-735-2968

*3- or 4-digit number located on front or back of card.

**RETURN
ADDRESS**



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**CALL FOR PAPERS
REGISTRATION INFORMATION**

