

## Announcement and Call for Papers

# INTERNATIONAL CONFERENCE ON LONG-LIFE CONCRETE PAVEMENTS

October 25 and 26, 2006 – Chicago, Illinois



### SPONSORED BY

Federal Highway Administration  
And  
American Concrete Pavement Association  
Concrete Reinforcing Steel Institute  
Illinois Department of Transportation  
International Society for Concrete Pavements  
Portland Cement Association



## **BACKGROUND**

In the past, concrete pavements were routinely designed and constructed to provide low-maintenance service lives of 20 to 25 years. In fact, the majority of the U.S. interstate and the primary system pavements were designed on the basis of a 20 to 25 year initial service life. More recently, there has been a movement toward longer initial service life, particularly in high-volume, urban corridors where traffic disruptions and user delays can be especially acute because of frequent or extended lane closures.

It is becoming an established practice in the U.S. to require that concrete pavements provide low-maintenance service lives of 40 or more years. Recent advances in design, construction, and concrete materials technology, are making the goal of achieving long-life concrete pavements attainable. Many state highway agencies, in conjunction with industry, are implementing innovative features related to structural design, concrete mixtures, construction equipment, construction process management, and testing procedures. To achieve long life, pavements must not exhibit premature failures and must have a reduced potential for cracking, faulting, spalling, and for materials-related distress. This conference, organized as part of FHWA's Concrete Pavement Technology Program (CPTP), will provide an international forum to address various aspects of concrete pavement design, construction, and materials technologies that result in long life for concrete pavements.

## **SCOPE**

This conference is targeted at pavement, materials, and geotechnical engineering professionals who are involved in various aspects of concrete pavement design, construction, testing and evaluation, and rehabilitation. These professionals include federal, state and municipal engineers; consulting engineers; contractors; materials suppliers; and academia. Implementable design, construction, maintenance, and rehabilitation techniques that result in long-lasting concrete pavements will be the focus of this conference.

## **CONFERENCE TOPICS**

Papers and conference presentations are solicited both nationally and internationally on a wide range of topics dealing with technologies that result in long-life concrete pavements, including pavement analysis, design, and construction; concrete materials; pavement performance; repair and rehabilitation; user expectations; and life cycle cost analysis. Papers on international experiences and practices are especially welcomed. Papers and presentations dealing with emerging topics related to long-life concrete pavements are also encouraged. Specifically, papers are solicited on the following topics:

1. U.S. and International experience on long-life concrete pavements.
2. Best construction practices to achieve long-life concrete pavements.
3. Innovations in materials and construction.
4. Lessons learned from early failures of concrete pavements.
5. Improved joint systems for long-life concrete pavements.
6. Surface characteristics and drainage requirements for long-life concrete pavements.
7. Effective maintenance, repairs, and rehabilitation to extend service life.
8. Life cycle cost considerations for long-life pavements.

## PRELIMINARY PROGRAM

**Tuesday, October 24, 2006 - Reception (6 to 8:00 PM)**

<b>Wednesday, October 25, 2006</b>	<b>Thursday, October 26, 2006</b>
Registration (starting at 7:30 AM)	Registration (starting at 7:30 AM)
Plenary Session (8:30 to 10:00 AM)	Technical Session 4 (8:30 to 10:00 AM)
Break (10:00 to 10:30 AM)	Break (10:00 to 10:30 AM)
Technical Session 1 (10:30 AM to 12:00 PM)	Technical Session 5 (10:30 AM to 12:00 PM)
Group Lunch (12:00 to 1:30 PM)	Group Lunch (12:00 to 1:30 PM)
Technical Session 2 (1:30 to 3:00 PM)	Technical Session 6 (1:30 to 3:00 PM)
Break (3:00 to 3:30 PM)	Break (3:00 to 3:30 PM)
Technical Session 3 (3:30 to 5:00 PM)	3:30 PM - End of Conference
Group Dinner (6:00 PM)	

## PAPER SUBMISSION AND PEER REVIEW

Paper acceptance will be on the basis of 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. The paper review copies should be submitted as a PDF file or as a WORD document, either format not to exceed 10 MB in size. The papers will be prepared using Times Roman 12 pt font and the text will be single-spaced. The final paper copy will be submitted as a WORD document not to exceed 10 MB in size.

Each selected paper will be peer reviewed by members of 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 and as part of the printed conference proceedings.

### **Paper/abstract/presentation submission due dates:**

March 1, 2006	Abstracts due (one page)
March 15, 2006	Authors notified of abstract acceptance
April 15, 2006	Completed papers due for review (MS WORD or PDF)
June 1, 2006	Review completed, authors notified of final disposition of their papers
July 1, 2006	Electronic versions of final papers due (MS WORD)
Sept. 15, 2006	Electronic version of presentations due (MS POWERPOINT)

All first authors will need to register by July 1, 2006 for their papers to be included in the final program. In addition, author's presentations (MS PowerPoint) must be received by September 15, 2005, for presentation to be included in the final program, without any exceptions. No presentation substitutions or modifications will be permitted on-site.

## REGISTRATION DETAILS (All fees are in US dollars)

	<b>Early (By July 15, 2006)</b>	<b>Late (After July 15, 2006)</b>	<b>Very Late (After Sept. 30, 2006)</b>
General Registration	225	275	325
Government Agencies (US only)	175	225	275
Authors and Academia	175	225	275
Students	125	175	225
Spouses	100	100	100
Exhibitor (One free registration)	1,200	1,500	NA

Potential exhibitors should contact Shiraz Tayabji at [stayabji@CTLGroup.com](mailto:stayabji@CTLGroup.com) or by phone at 410-997-0400 to reserve space.

## CONFERENCE VENUE/HOTEL

The conference will be held in Chicago, Illinois near O'Hare International Airport. Hotel details and other local area information details will be provided in the next release of the announcement.

## CONFERENCE STEERING COMMITTEE

Shiraz Tayabji (CTLGroup) (Chair), Mike Ayers (American Concrete Pavement Association), Angel Correa (Federal Highway Administration), Jim Grove (Iowa State University), David Lippert (Illinois Department of Transportation), Kurt Smith (Applied Pavement Technology, Inc.), Sam Tyson (Federal Highway Administration), and Jeff Uhlmeier (Washington State Department of Transportation).

## SUBMIT PAPER ABSTRACTS TO:

Seungwook Lim, PE  
Construction Technology Laboratories, Inc.  
5565 Sterrett Place, Suite 312  
Columbia, MD 21044, USA

Phone: 410-997-0400; Fax: 410-997-8480; Email: [swlim@CTLGroup.com](mailto:swlim@CTLGroup.com)

## FOR ADDITIONAL INFORMATION, CONTACT:

Shiraz Tayabji, PE  
Construction Technology Laboratories, Inc.  
5565 Sterrett Place, Suite 312  
Columbia, MD 21044, USA

Phone: 410-997-0400; Fax: 410-997-8480; Email: [stayabji@CTLGroup.com](mailto:stayabji@CTLGroup.com)