



Transportation Research Board (TRB) 88th Annual Meeting  
Federal Highway Administration (FHWA)  
**Long-Term Bridge Performance  
Program Session**

**January 15, 2009**

8 a.m.–12 p.m.

What is bridge performance? Why is it important to enhance what we know about it? What do we need to ensure our nation's bridges are safe, efficient, economical, and durable? And how can we manage them better? A half-day session at this year's TRB Annual Meeting will address these questions and more.

Hear from the team engaged in the Long-Term Bridge Performance (LTBP) program, FHWA's flagship program to conduct a comprehensive examination of our nation's "workhorse" highway bridges.

The study will involve a diverse team of experts from industry, government agencies, and academia.

The current status of all significant features of the program will be described and audience input will be solicited.

For information, visit

**<http://www.tfhrc.gov/lbtp>**





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## Long-Term Bridge Performance Program Session at TRB

*Sponsored by: Committee on Structures Maintenance, Committee on Bridge Management, Committee on Dynamics and Field Testing of Bridges*

### Long-Term Bridge Performance Program Part 1

John M. Hooks, Highway R&D Services, presiding

#### LTBP: Why a 20-Year Research Program and What Do We Expect to Achieve?

Author/Presenter: Hamid Ghasemi, Federal Highway Administration

#### Defining and Measuring Bridge Performance

Co-author/Presenter: Michael J. Abrahams, Parsons Brinckerhoff

#### LTBP: Roadmap for the First Five Years

Co-author/Presenter: Ali Maher, Center for Advanced Infrastructure and Transportation, Rutgers University

#### Critical Long-Term Bridge Performance Data Priorities and Bridge Selections

Co-author/Presenter: Michael C. Brown, Virginia Transportation Research Council

#### Roundtable Discussion: Long-Term Bridge Performance Issues, Priority Data, and the LTBP Bridge Sampling Plan

Ahmet Emin Aktan, Drexel University Wade F. Casey,  
Federal Highway Administration Paul D. Thompson,  
Consultant Bojidar S. Yanev, New York City Department  
of Transportation TBD

### Long-Term Bridge Performance Program Part 2

Ahmet Emin Aktan, Drexel University, presiding

#### Pilot Study for Road Testing LTBP

Co-author/Presenter: Andrew J. Foden, Parsons Brinckerhoff

#### Bridge Monitoring: Instrumentation

Co-author/Presenter: Marvin W. Halling, Utah State University

#### Bridge Monitoring: Nondestructive Evaluation

Co-author/Presenter: Nenad Gucunski, Center for Advanced Infrastructure and Transportation, Rutgers University

#### LTBP Database

Co-author/Presenter: Mathaeus Dojori, Siemens Corporate Research

#### Roundtable Discussion: Stakeholder Participation in LTBP

Thomas D. Everett, Federal Highway  
Administration John M. Hooks, Highway R&D  
Services TBD TBD

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