

## **AGENDA**

Committee Meeting AFS30  
Foundations of Bridges and Other Structures  
Tuesday, January 24, 2006  
8:00 A.M. to 12:00 P.M.  
Marriott Hotel – Hoover Room  
Chairman, Mark Morvant  
Secretary, Hani Titi

Committee Scope: This committee is concerned with the local and global behavior, stability, and interaction of structural foundations, and their supporting materials, for permanent and temporary transportation structures (bridges, retaining walls, box culverts, buildings, overhead signs, and other transportation structures).

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8:00 Welcome

- Introductions
- Recognizing new members
- Approval of 2004 minutes

8:15 General Items

- TRB Announcements—
  - [Deborah Goodings](#)
  - [Jay Jayaprakash](#)
- Review of committee name and scope
- Nominee for “Dialogue with Leaders in the Design and Construction of Transportation Facilities”
- TSE Report Review

9:00 Technology Transfer

- Summary AFS30 Sponsored 2006 Sessions

### **Workshops**

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**155** Sunday 1:30 – 5:00

#### **[Use of Cone Penetration Test for Foundation Analysis and Design](#)**

[Silas Nichols](#), Federal Highway Administration, presiding

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### **Paper or Conference Session**

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**258** Monday 10:15 – 12:00

#### **[Performance Evaluations of Soil Structures](#)**

[Sangchul Bang](#), South Dakota School of Mines and Technology, presiding

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### **Poster Session**

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**434** Tuesday, 9:30 – 12:00

#### **[Analytical and Experimental Modeling of Foundation Elements \(Poster Session\)](#)**

[James Joseph Brennan](#), Kansas Department of Transportation, presiding

*Sponsored by Committee on Foundations of Bridges and Other Structures*

- Publication of Circular: *Calibration to Determine Load and Resistance Factors for Geotechnical and Structural Design*
  - Authors: Tony M. Allen, Andrzej S. Nowak, Richard J. Bathurst
- NCHRP Synthesis 37-14: *Cone Penetration Test- State of Practice*
  - Dr. Paul Mayne selected as consultant

9:30 Break

10:00 Presentations

- *LRFD Calibration overview*
  - *Andrzej Nowak (15 minutes)*
- *Performance Based Specifications for CFA Piles*
  - *Dan Brown & Silas Nichols (15 minutes)*

10:30 Research Topics and Proposals

- RSN currently posted
  - *Lateral Load capacity of Bridge Foundations* - submitted by James Brennan Kansas DOT
  - *Innovative Technology and Procedures for Capacity Testing of Open End Cylinder Piles* - submitted by Louisiana DOTD
- New research needs statements
  - Volunteers to develop new statements
  - DOT volunteers to submit for funding
- Research funding support
  - *Jim Withiam*
- New Synthesis Topics

11:00 Other Committee Business

- Update from Seismic Committee
  - *Edward Kavazanjian*
- 2007 Annual Meeting
  - Sessions & Workshops
- Geotechnical Baseline reports
  - *Dan Brown*
- Conference announcements

11:30 Presentations (as time allows)

- *Synthesis Report on Rock Socket Drilled Shafts*
  - *John Turner (15 minutes)*
- Micropile Dynamic Testing
  - *Frank Rausche (15 minutes)*

12:00 Adjourn