

## **AGENDA**

Committee Meeting AFS30  
Foundations of Bridges and Other Structures

Date: Monday, January 22, 2007

Time: 7:30 PM – 10:00 PM

Location: Marriott Hotel

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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7:30 Welcome

- Introductions
- Approval of 2006 minutes

7:40 General Items

- TRB Announcements
  - [Deborah Goodings / Jay Jayprakash](#)
- TRB Strategic plan actions / comments
- TSE Report Evaluation Results
- Review of Future Goals

8:00 Technology Transfer

- Summary AFS30 Sponsored 2007 Sessions

Time	Program #	Title	Sponsors	Hotel/Room
<b>Sunday, January 21, 2007 - Workshops</b>				
8:30am-5:00pm	128	<a href="#">Load and Resistance Factor Design (LRFD) Method for Bridge Substructures</a>	AFS30	Marriott, Delaware B

<b>Monday, January 22, 2007 - Sessions</b>				
8:00am-9:45am	209	<a href="#">Residual Shear Strength of Liquefied Soil</a>	AFF50, AFS30	Marriott
10:15am-12:00pm	272	<a href="#">Performance and Analysis of Foundation Elements and Walls</a>	AFS30	Marriott
1:30pm-3:15pm	301	<a href="#">Dialogue with Leaders in Design and Construction of Transportation Facilities</a>	AF000, AFP00, AFS00	Marriott

<b>Tuesday, January 23, 2007 - Session</b>				
8:00am-9:45am	419	<a href="#">Soil Set-Up Effects on Bearing Capacity of Driven Piles</a>	AFS30	Marriott
1:30pm-3:15pm	504	<a href="#">Standardization - Does it Hinder Innovation?</a>	AFS00	Marriott

- 8:15 LRFD Update
- Problems with the Current AASHTO Code for Driven Piles
    - [George Goble \(15 minutes\)](#)
  - Future Direction of the AASHTO LRFD Code
    - [Tony Allen \(15 minutes\)](#)

8:45 Break

9:00 2008 Annual Meeting

- Session
- Workshops

9:15 Research Topics and Proposals

- 2006 Problem Statements posted
  - Performance-Based Design of Foundation Elements and Earth Structures for Extreme Event Loadings
    - Authored by: Ken Fishman & Ed Kavazanjian
  - Performance of Laterally Loaded Drilled Shafts in Rock
    - Authored by: Dan Brown & Jan Six
  - Setup and Relaxation Effects on Load Carrying Capacity of Driven Piles
    - Authored by: Hani Titi
- 2005 Problem Statement submitted for funding
  - Innovative Technology and Procedures for Capacity Testing of Open End Cylinder Piles
    - Submitted in 2006 by: Louisiana (Mark Morvant)
- AASTHO T-15 Research Interest
  - [Jerry DiMaggio](#)
- Research needs statements priority
- Synthesis topics
  - Current synthesis project
    - Cone Penetration Test: State of Practice
    - Authored by: Paul Mayne
  - New synthesis topics

9:45 Other Committee Business

- Update from Seismic Committee
- Conference announcements

10:00 Adjourn\*

\* Additional Presentations will be allowed if committee business concluded prior to 10:00 PM