

# AGENDA

Committee Meeting AFS30  
Foundations of Bridges and Other Structures  
Date: Wednesday, January 26, 2011  
Time: 2:30 PM – 6:00 PM  
Location: Marriott Hotel, Washington B6  
Chairman, Brian Liebich

*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).*

## Welcome

- Attendance Sign-in
- Introductions

## General Committee Business

- Review of Committee Name and Scope
- Approval of 2010 minutes
- TRB Announcements
- AFS30 Triennial Strategic Plan Results
- Committee Rotations

## Technology Transfer

- Papers (*13 Papers, 12 Presentation, 4 Publish*)
- Session Recap

### *Summary 2011 Sessions with AFS30 as Lead Sponsor*

Select	Type	No.	Sponsor	Function Title	Location	Time
<input type="checkbox"/>	Poster Session	236	AFS30	<a href="#">Load and Resistance Factor Design Practice and Case Studies in Geotechnical Engineering</a>	Marriott, Salon 2	Jan 24 2011 9:30AM-12:00PM
<input type="checkbox"/>	Session	435	AFS30	<a href="#">Foundations: Mitigation, Monitoring, and Metamorphosis</a>	Marriott, Thurgood Marshall South	Jan 25 2011 8:00AM-9:45AM
<input type="checkbox"/>	Session	682	AFS30	<a href="#">Integrated Field Testing to Maximize Design and Construction Efficiency</a>	Marriott, Maryland C	Jan 26 2011 10:15AM-12:00PM

### **Ongoing and Completed NCHRP Research**

- NCHRP 41-10: Developing Production Pile Driving Criteria from Test Pile Data. Active. *Dan Brown*.
- NCHRP 24-31: LRFD Design and Construction of Shallow Foundations for Highway Bridge Structures. Complete. *Samuel Paikowsky*.
- NCHRP 42-01: Practices and Guidelines for the Incorporation and Use of Geotechnical Information in Design-Build Projects. Active. *Douglas Gransberg*.
- FHWA Update.

### **2012 Annual Meeting Proposals**

- Review of Future Goals
- Sessions / Calls for Papers
- Workshops

### **Technical Presentations**

- The Performance of Bridge Foundations and Abutments in the September 4 Darlington, New Zealand Earthquake. *Ed Kavazanjian*.
- New pile setup experimental study and LRFD incorporation. *Muhannad T. Suleiman*.

### **Break (10 minutes)**

### **2011 Technology Transfer**

- Research Needs
  - Research Needs Statements, Synthesis
- Webinars
- E-Circulars

### **Other Committee Announcements**

- Update from Seismic Committee
- Conference announcements

### **Technical Presentations**

- Innovative Methods of Constructing Large-Diameter Cast-in-Situ Tubular Piles and the Related Applications. *Robert Liang*.
- Thermal Integrity Profiling of Drilled Shafts. *Gray Mullins*.
- Steel Fibers Reinforced Grouted and Fiber Reinforced Polymer Helical Screw Piles - A New Dimension for Deep Foundations Seismic Performance. *Yasser Abdelghany*.
- Stress measurements in concrete. *Tony Simmonds*.

### **Adjourn (6:00pm)**