

## **AGENDA**

Committee Meeting AFS30  
Foundations of Bridges and Other Structures

Date: Wednesday, January 16, 2008

Time: 2:30 PM – 6:00 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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Welcome

- Introductions
- Approval of 2007 minutes

General Items

- TRB Announcements
  - [Deborah Goodings / Jay Jayprakash](#)
- Review of Future Goals

Technology Transfer

- Summary AFS30 Sponsored 2007 Sessions

| <u>No.</u> | <u>Sponsor</u> | <u>Function Title</u>  | <u>Location</u> | <u>Time</u>                |
|------------|----------------|--|-----------------|----------------------------|
| 148        | AFS30          | <a href="#">Implementation Status of Geotechnical Load and Resistance Factor Design in State Departments of Transportation</a> | M               | Sunday, 1:30 PM–5:00 PM    |
| 262        | AFS30          | <a href="#">Implementation of Load and Resistance Factor Design Method for Bridge Substructures</a>                            | M               | Monday, 10:15 AM–12:00 PM  |
| 398        | AFF50          | <a href="#">Seismic Site Response at Bridges Not on National Earthquake Hazards Reduction Program</a>                          | S               | Monday, 7:30 PM–9:30 PM    |
| 444        | AFS30          | <a href="#">Evaluation and Analysis of Bridge Foundation Elements and Approaches</a>   | M               | Tuesday, 9:30 AM–12:00 PM  |
|            | AFS30          | <a href="#">Foundations of Bridges and Other Structures Committee</a>  | M               | Wednesday, 2:30 PM–6:00 PM |
|            | AFF50          | <a href="#">Geoseismic Issues of Bridges Subcommittee, AFF50(1)</a>  | M               | Wednesday, 7:30 PM–9:30 PM |

## LRFD Presentations

- LRFD Design of Driven Piles in Nebraska: Andy Nowak
- Practical Suggestions for Implementation of LRFD specifications for Geotechnical Features: Naresh Samtani
- Consideration of QA /QC Results in LRFD for Deep Foundations of Transportation Bridges: Frank Rausche

## Break

## 2009 Annual Meeting

- Sessions
- Workshops

## Research Topics and Proposals

- 2007 Problem Statements submitted for funding
  - Setup and Relaxation Effects on Load Carrying Capacity of Driven Piles
    - Louisiana: Mark Morvant
  - Performance of Laterally Loaded Drilled Shafts in Rock
    - Oregon: Jan Six
  - Performance-Based Design of Foundation Elements and Earth Structures for Extreme Event Loadings
    - California: Brain Liebich
- 2008 Research Needs Statement Development & Priority
- Synthesis topics
  - Current synthesis project published
    - Cone Penetration Test: State of Practice
    - Authored by: Paul Mayne
  - New synthesis topics

## Other Committee Business

- Membership Rotation
- Update from Seismic Committee
- Conference announcements
- New topics & other business

## Presentations

- Design Guidelines for Increasing the Lateral Resistance of Highway Bridge Pile Foundations by Improving Weak Soils (NCHRP 24-30): Kyle Rollins
- Drilled Shafts in Marl and Chalk Formations: Dan Brown

## Adjourn\*